

## **Curriculum Vitae – Dariush Mozaffarian, MD, DrPH**

*Distinguished Professor, Dean Emeritus, and Jean Mayer Professor, Friedman School of Nutrition Science and Policy  
Professor of Medicine, Tufts University School of Medicine  
Attending Physician, Division of Cardiology, Tufts Medical Center  
150 Harrison Avenue, Boston, MA 02111*

Dariush Mozaffarian is a cardiologist and the founder and Director of the Tufts Food is Medicine Institute. The Institute brings together translational research, patient care, education, community engagement, and policy development to integrate food-based nutritional interventions into healthcare to treat disease and advance health equity. These innovations hold promise to increase food and nutrition security, improve well-being, reduce health disparities, and amplify cost-effective or cost-saving interventions. The work of the Institute is designed and conducted through a health equity lens to prioritize the well-being of traditionally marginalized populations. Dr. Mozaffarian is also Distinguished Professor, Dean Emeritus, and Jean Mayer Professor at the Friedman School of Nutrition Science and Policy; Professor of Medicine at Tufts School of Medicine; and attending physician in the Division of Cardiology at Tufts Medical Center.

After a decade on the faculty at Harvard, in 2014 Dr. Mozaffarian was recruited to Tufts to serve as the Dean of the Friedman School of Nutrition Science and Policy. He led and grew the School in its mission of producing trusted science, future leaders, and real-world impact, leveraging its multi-disciplinary scholarship, entrepreneurial spirit, and robust external engagement across five major Divisions, residential and virtual academic programs, and major centers and institutes. The School's faculty are widely known and influential as experts in their fields, and the School's graduates are recognized as global leaders in academia, healthcare, government, policy, public health, community based organizations, and the private sector. In 2022, Dr. Mozaffarian stepped down as Dean to serve as Senior Advisor to the Provost and focus on translation and dissemination of science into public awareness, policy change, and innovation around the 2022 White House Conference on Hunger, Nutrition, and Health.

Dr. Mozaffarian's overall goal is to create the science and translation for a food system that is nutritious, equitable, and sustainable. He has authored more than 550 scientific publications on nutritional priorities for cardiovascular diseases, diabetes, and obesity, and on evidence-based policy approaches and innovations to advance nutrition security, reduce diet-related diseases, improve health equity, and reduce healthcare spending in the US and globally. He has served in numerous advisory roles for national governments and international organizations, including currently serving on President Biden's Council on Sports, Fitness, and Nutrition. His work has been featured in a wide array of media outlets; and he is one of the top cited researchers in science (250,000 citations, h-index 160, i10-index 476). Thomson Reuters has named him as one of the World's Most Influential Scientific Minds.

Dr. Mozaffarian received his BS in biological sciences at Stanford (Phi Beta Kappa), MD at Columbia (Alpha Omega Alpha), residency training in internal medicine at Stanford, fellowship training in cardiovascular medicine at the University of Washington; fellowship training in health services from the Puget Sound Veterans Affairs Health Care Center; MPH from the University of Washington; and DrPH from Harvard. He is married, has three children, and actively trains as a Fourth Degree Black Belt in Taekwondo.

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## **EDUCATION**

- 2006 DrPH (Epidemiology), Harvard School of Public Health  
Distinguished Performance, doctoral exam
- 2003 MPH, University of Washington School of Public Health.  
Distinguished Master's Student Award
- 1995 MD, Columbia University College of Physicians & Surgeons  
Alpha Omega Alpha
- 1991 BS (Biologic Sciences), Stanford University  
With Distinction, with Honors, Phi Beta Kappa

## **CLINICAL TRAINING**

- 2000-2003 Fellowship, Health Services, Puget Sound Veterans Affairs Health Care System
- 1998-2002 Fellowship, Cardiovascular Medicine, University of Washington
- 1996-1998 Residency, Internal Medicine, Stanford University
- 1995-1996 Internship, Internal Medicine, Stanford University

## **FACULTY ACADEMIC APPOINTMENTS**

- 2023- Director, Tufts Food is Medicine Institute
- 2023- Distinguished Professor, Friedman School of Nutrition Science & Policy, Tufts University
- 2023- Dean Emeritus, Friedman School of Nutrition Science & Policy, Tufts University
- 2022-2023 Special Advisor to the Provost, Dean for Policy, Friedman School of Nutrition Science & Policy, Tufts University. One-year university leadership role to work with the White House, Congress, federal agencies, and national non-profit and private sector stakeholders to help advance a national strategy to address hunger, nutrition, and diet-related chronic diseases in the United States
- 2022- Member, Clinical and Translational Science graduate program, Graduate School of Biomedical Sciences, Tufts University
- 2016- Professor of Medicine, Division of Cardiology, Department of Medicine, Tufts University School of Medicine
- 2015- Jean Mayer Professor, Friedman School of Nutrition Science & Policy, Tufts University
- 2014- Adjunct Scientist, Nutritional Epidemiology Laboratory, Jean Mayer USDA Human Nutrition Center on Aging at Tufts University
- 2014- Professor of Nutrition, Friedman School of Nutrition Science & Policy, Tufts University
- 2014-2022 Dean, Friedman School of Nutrition Science & Policy, Tufts University
- 2010-2014 Associate Professor, Department of Epidemiology, Harvard School of Public Health
- 2010-2014 Associate Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, Harvard Medical School
- 2007-2010 Assistant Professor, Department of Epidemiology, Harvard School of Public Health
- 2006-2010 Assistant Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, Harvard Medical School

- 2006-2007 Instructor, Department of Epidemiology, Harvard School of Public Health
- 2004-2007 Adjunct Instructor, Department of Public Health and Family Medicine, Tufts School of Medicine
- 2003-2006 Instructor, Channing Laboratory, Department of Internal Medicine, Harvard Medical School

## **HONORS AND AWARDS**

- 2023 Media Award, American Nutrition Association
- 2023 Nominated to the President's Council on Sports, Fitness, and Nutrition (PCSFN)
- 2023 Black Belt, Fourth Degree, International Taekwondo Federation, Jae Hun Kim Tae Kwon Do Institute, International Taekwondo Federation. For achievement in martial arts.
- 2023 Top cited author (JAHA 2021;10:e019259).
- 2022 75th Anniversary Distinguished Speaker, University of North Carolina Department of Nutrition.
- 2022 Bishop Keynote Lecturer, 71<sup>st</sup> Annual Scientific Session of the American College of Cardiology, Washington, D.C.
- 2021 Nature Communications Top 25 Most Read Articles in Health Sciences of the Year (Nat Commun 2021;12:2329).
- 2021 McHenry Lecture, Krannert Institute of Cardiology, Indiana University School of Medicine.
- 2019 Kevin Graham Lecture, Minneapolis Heart Institute, Minneapolis, MN.
- 2019 Michael G. Wohl Memorial Lecture, Temple University, Philadelphia, PA.
- 2018 The Walker Prize, Museum of Science, Boston. For achievement in meritorious published scientific investigation, discovery, and superb science communication in any scientific field.
- 2018 Black Belt, Third Degree, International Taekwondo Federation, Jae Hun Kim Tae Kwon Do Institute, International Taekwondo Federation. For achievement in martial arts.
- 2018 Presidential Symposium Speaker, American Society of Nutrition 2018, Boston, MA.
- 2017 JAMA Top 3 Most Talked About Articles of the Year (JAMA 2017;317:912-924).
- 2017 Chanchlani Global Health Award, McMaster University, Canada. For scholarly contributions to global health.
- 2017 National Institutes of Health Research Highlights, Promising Medical Advances (JAMA 2017;317:912-924).
- 2016 World's Most Influential Scientific Minds, Thomson Reuters. Ranked among the top 1% most cited researchers in clinical medicine.
- 2016 The Lancet Lecture, The Lancet: At the Limits, Royal College of Physicians, London, UK.
- 2016 The Bradford Hill Lecture, University of Cambridge, UK.
- 2016 Pathfinder Award, Mercer Island School District. For alumni achievement and impact.
- 2015 Jean Mayer Chair, Tufts University. For academic excellence; endowed Professorship honoring past Tufts President Jean Mayer.
- 2015 The Rank Lecture, The Nutrition Society Conference, UK, The Rank Prize Funds, The Nutrition Society Conference, UK. For excellence, innovation, and dedication and outstanding contribution in human nutrition.
- 2015 Top Ten Paper of 2014, American Heart Association Lifestyle and Cardiometabolic Health Council (N Engl J Med. 2014; 371: 624-34).

- 2014-present Highly Cited Researchers, Clarivate. Researchers whose citation records position them in the top 1% by citations for their field and year.
- 2014 Black Belt, Second Degree, International Taekwondo Federation, Jae Hun Kim Tae Kwon Do Institute, International Taekwondo Federation. For achievement in martial arts.
- 2014 Highly Cited Researcher, Thomson Reuters. Ranked among the top 1% most cited researchers in clinical medicine.
- 2013 Outstanding Mentor Award Nomination, Harvard School of Public Health. For excellence in mentoring.
- 2013 Top (#1) rated favorite session by attendees at EB 2013 (14,680 total attendees), Experimental Biology (EB) 2013, Invited plenary speaker at the top-rated session of the meeting: Obesity, Metabolic Complications and Type 2 Diabetes: Beyond Body Fat.
- 2013 The Nutrition Society Paper of the Month, The Nutrition Society, UK (Public Health Nutrition 2013;16:2255-64.).
- 2012 Black Belt, First Degree, International Taekwondo Federation, Jae Hun Kim Tae Kwon Do Institute, International Taekwondo Federation. For achievement in martial arts.
- 2011 PLOS Medicine Top 20 Research Articles Published in 2010 (PLOS Medicine 2010; 7:e1000252).
- 2010 Outstanding Mentor Award Nomination, Harvard School of Public Health. For excellence in mentoring.
- 2009 Best Paper among All Open Access Journals in the Past Five Years, PLOS Medicine Editorial Board (PLOS Medicine 2009;6:e1000058).
- 2008-2014 Commendation for excellence in teaching, received every year, Committee on Educational Policy, HSPH. High overall rating by students for teaching, Cardiovascular Epidemiology II course.
- 2008 Black Belt, First Degree, World Taekwondo Federation, Ik Jo Kang Tae Kwon Do and Hapkido School, World Taekwondo Federation. For achievement in martial arts.
- 2007-2014 Commendation for excellence in teaching, received every year, Committee on Educational Policy, HSPH. High overall rating by students for teaching, Cardiovascular Epidemiology course.
- 2007 Searle Scholar Award, The Searle Funds at The Chicago Community Trust. For research excellence.
- 2005 Distinguished performance, doctoral written exam, Harvard School of Public Health. For academic excellence in the Epidemiology Doctoral Examination.
- 2003 Distinguished Master's Degree Student Award, University of Washington School of Public Health. For academic and research excellence.
- 2002 Fellow, American Heart Association. For achievement in heart research.
- 2002 Nutrition Advisory Panel New Investigator Award, American Heart Association. Award for excellence in original research.
- 2001 Finalist, Jeremiah Stamler Award for New Investigators, American Heart Association. Award for excellence in original research.
- 1998-2005 Recipient, Clinical Loan Repayment Program Award, National Institutes of Health. Award to retain highly qualified clinical investigators.
- 1998 Fellow, American College of Cardiology. For achievement in cardiology.
- 1995 Marie Necessian Memorial Award, Columbia U. College of Physicians & Surgeons. Top graduating medical student showing exceptional care and empathy for patients.
- 1995 Alpha Omega Alpha, Columbia U. College of Physicians & Surgeons. For academic excellence.

- 1992 Rhodes Scholar Finalist, State of Washington, Rhodes Scholar Program. For academic excellence.
- 1991 Phi Beta Kappa, Stanford University. For academic excellence.
- 1987 Valedictorian, Mercer Island High School. Graduated first in class of ~400 students.

**CLINICAL APPOINTMENTS**

- 2021- Provider, Division of Cardiology, Internal Medicine, Tufts Medical Center
- 2016- Professor of Medicine, Division of Cardiology, Department of Medicine, Tufts Medical Center and Tufts University School of Medicine
- 2010-2014 Physician, Internal Medicine, Cardiovascular Medicine, Brigham and Women’s Hospital
- 2007-2010 Associate Physician, Internal Medicine, Cardiovascular Medicine, Brigham and Women’s Hospital
- 2006-2007 Research Associate Physician, Internal Medicine, Brigham and Women’s Hospital
- 2004-2009 Staff Physician, Internal Medicine, Cardiology, West Roxbury VA Medical Center

**PRIOR ACADEMIC LEADERSHIP**

- 2013-2014 Member, Steering Committee, Flagship Initiative on Comparative Effectiveness Research (CER), Harvard School of Public Health
- 2013-2014 Course Co-Founder and Co-Director, Global Cardiovascular and Metabolic Health: Critical Issues in Policy and Translation, Nut 214, Harvard School of Public Health
- 2012-2014 Member, Harvard Faculty Campaign Planning Committee, Harvard School of Public Health
- 2012-2014 US Director, D43 Fogarty International Research Training Program, Promoting Capacity Building in Chronic Diseases Research in South America, Harvard School of Public Health
- 2011-2014 Director, Bunge Research Fellowship in Nutrition and Health, Harvard School of Public Health
- 2010-2014 Member, Steering Committee, Bernard Lown Cardiovascular Scholars Program, Harvard School of Public Health
- 2009-2014 Co-Founder and Co-Director, NHLBI T32 National Research Service Award (NRSA) CVD Epi Training Program in Behavior, the Environment, and Global Health7, Harvard School of Public Health
- 2008-2014 Course Founder and Director, Cardiovascular Epidemiology II, EPI 245, Harvard School of Public Health
- 2008-2014 Member, Admissions Review Committee, Cardiovascular Epidemiology, Department of Epidemiology, Harvard School of Public Health
- 2007-2014 Co-Founder and Co-Director, Harvard Program in Cardiovascular Epidemiology, Harvard School of Public Health

**ADVISORY AND SERVICE**

National Advisory Roles and Service

- 2023-present United States President’s Council on Sports, Fitness, and Nutrition (PCSFN)
- 2023-present Delta GREENS (Growing a Resilient, Enriching, Equitable, Nourishing Food System) Food is Medicine Project National Advisory Council
- 2023-present Nutrition and Lifestyle Work Group, American College of Cardiology
- 2022-present Sugar Summit Steering Committee, Center for Science in the Public Interest

2022-present Advisory Board, Instacart

2022 Co-chair, Task Force on Hunger, Nutrition and Health, convened to inform the September 2022 White House Conference on Hunger, Nutrition, and Health

2021-2022 True Cost of Food Advisory Council, Rockefeller Foundation and McKinsey & Company

2021-2023 Food and Nutrition Security Task Force, Bipartisan Policy Center

2021-present Perfect Day Sustainability & Health Advisory Council

2021-2022 Scientific Advisory Board, Season Health

2020-present Chair, Data and Safety Monitoring Board, Vitamin D for COVID-19 (VIVID) Trial

2020-present Scientific Advisory Board, Beren Therapeutics

2020-present Scientific Advisory Board, January Inc.

2020-present Scientific Advisory Board, Calibrate

2020-2022 Scientific Advisory Board, DiscernDx Inc. (formerly Foodome)

2020-present Scientific Advisory Board, Tiny Organics

2020-present Advisory Board, HumanCo

2019-present National Produce Prescription Collaborative, Wholesome Wave

2019-present Scientific Advisory Board, Filtricine

2019-present Scientific Advisory Board, Brightseed

2018-present Independent Advisory Committee, CVD Epidemiology Training Program, Wake Forest University

2018-2020 Scientific Advisory Board, DayTwo

2017-2019 Scientific Advisory Board, Omada Health

2015-present Scientific Advisory Board, Elysium Health

2015-2021 Steering Committee, Inosine phase 3 trial for early Parkinson's disease, Randomized controlled trial, National Institute of Neurologic Disorders and Stroke (NINDS)

2014-present Scientific Advisory Board, Ingredients for Education, the nonprofit creator of KickenNutrition.TV

2013 NHLBI-ODS Working Group on Designing Clinical Studies to Evaluate the Role of Nutrition and Diet in Heart Failure Management, National Heart, Lung, and Blood Institute and NIH Office of Dietary Supplements

2013 Reviewer, Dietary Guidelines, American Diabetes Association

2012-2014 Scientific Advisory Board, Unilever North America

2011-2012 Healthy Agriculture & Non-Communicable Disease Advisory Group, The Chicago Council on Global Affairs

2010-present Scientific Advisory Committee, Oldways Mediterranean Foods Alliance

2010-2012 PINNACLE Registry Research & Publications Subcommittee, American College of Cardiology

2009-2012 Catfish Risk Assessment Review Group, U.S. Department of Agriculture

2008-2014 Biosample Research Advisory Group, The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study

2008-2014 Diabetes Working Group, The Cardiovascular Health Study (CHS)

2008-2012 U.S. Department of Agriculture Seafood Education Project Advisory Group, Seafood Education

Project Advisory Group, U.S. Department of Agriculture

2008-2009 Methylmercury Risk Assessment, Review Group, U.S. Food and Drug Administration / Center for Food Safety and Applied Nutrition

American Heart Association (AHA) Advisory Roles and Service

2017-2020 AHA 2030 Goal Setting Metrics Task Force  
2017-2018 AHA 2020 Goals Metrics Committee  
2015-2018 AHA Mission Metrics Science Subcommittee  
2015-2017 AHA Healthier Diet Business Management Committee  
2013-2017 AHA Mission Metrics Task Force  
2013-2017 Committee for Scientific Sessions Planning (CSSP)  
2013-2015 Leadership Cabinet, AHA Council on Epidemiology and Prevention  
2013-2015 Leadership Committee, Council on Epidemiology and Prevention  
2013-2015 Chair, AHA Statistics Committee  
2012-2015 AHA Sodium Reduction Advisory Task Force  
2011-2013 Vice-Chair, AHA Statistics Committee  
2010-2014 AHA Behavior Committee  
2010-2013 Fall Program Committee, AHA Council on Epidemiology and Prevention  
2009-2010 Leadership Cabinet, AHA Council on Epidemiology and Prevention  
2008-2013 Abstract Selection Committee, AHA Council on Nutrition, Physical Activity, and Metabolism  
2008-2010 AHA Nutrition Committee  
2008-2010 Chair, Budget and Fund Raising Committee, AHA Council on Epidemiology and Prevention  
2008-2009 AHA 2020 Strategic Impact Goals Task Force  
2007-2011 AHA Statistics Committee  
2007-2009 Clinical Affairs Committee, AHA Council on Nutrition, Physical Activity, and Metabolism  
2006-2010 Leadership Committee, AHA Council on Epidemiology and Prevention  
2006-2010 AHA Trans Fat Initiative Committee  
2006-2010 Abstract Selection Committee, AHA Council on Epidemiology and Prevention  
2006-2008 Budget and Fund Raising Committee, AHA Council on Epidemiology and Prevention  
2005-2008 Spring Program Committee, AHA Council on Epidemiology and Prevention

International Advisory Roles and Service

2023-present The BMJ regional advisory board for North America  
2023-present Fortified Whole Grain Alliance Advisory Board, an initiative of The Rockefeller Foundation, World Food Programme, DSM, and Boston Consulting Group  
2022-present Member, Periodic Table of Food Initiative (PTFI) Scientific Advisory Committee, American Heart Association (AHA), and the Alliance of Bioversity International and CIAT



- 2022-present Healthy Diets 4 Healthier Lives (HD4HL) Project Advisory Committee, University of Ghana, Ghana Ministry of Health (MOH), Ghana Food and Drugs Authority (FDA), Ghana National Development Planning Commission (NDPC), and the Coalition of Actors for Public Health Advocacy (CAPHA)
- 2021-present Extended Member, Independent Expert Group, Global Nutrition Report
- 2017-2020 Principal Investigator, international CaPre Phase 3 Trilogy 1 and 2 trials, Acasti Pharma
- 2016-2017 Scientific Advisor, PERSIAN Cohort, Iran
- 2015-present Chair, Fatty Acids & Outcomes Research (FORCE) Consortium
- 2014-2015 Expert Consultation on Nutrient Profiling in the Americas, Pan American Health Organization (PAHO), World Health Organization
- 2013-2021 Executive Committee, international STRENGTH trial, Statin Residual Risk Reduction with Epanova in High Cardiovascular Patients with Hypertriglyceridemia (STRENGTH) randomized trial, Astra Zeneca
- 2013-2018 Scientific Advisory Board, Mexican Teachers' Cohort (ESMaestras), the largest prospective cohort study in Latin-America (>100,00 women)
- 2013-2014 Mission Advisory Panel on Sugar, Heart and Stroke Foundation, Canada
- 2010-2015 Co-Chair, Fatty Acid Working Group, International CHARGE Genome-Wide Association Consortium
- 2010-2012 Nutrition Guidance Expert Advisory Group, World Health Organization
- 2010-2012 Expert Consultation on Risks and Benefits of Fish Consumption, Food and Agriculture Organization of the United Nations / World Health Organization
- 2009-2014 Co-Chair, Steering Committee, international OPERA trial, Omega-3 Fatty Acids for Prevention of Post-Operative Atrial Fibrillation (OPERA) randomized trial
- 2009-2014 Nutrition Working Group, International CHARGE Genome-Wide Association Consortium
- 2008-2010 Expert Consultation on Fats and Fatty Acids in Human Nutrition, Food and Agriculture Organization of the United Nations
- 2007-2014 Expert Advisory Committee, Canadian Health Measures Survey (Canada's NHANES)
- 2007-2013 Chair, Nutrition and Chronic Diseases Expert Group, Global Burden of Diseases, Injuries, and Risk Factors (GBD) Study
- 2007-2009 Task Force on Trans Fat Free Americas, Pan American Health Organization (PAHO), World Health Organization

## **GRANT REVIEW**

- 2017 Reviewer, 2017 Laura and John Arnold Foundation grant applications
- 2015 Reviewer, 2015/08 ZHL1 CCT-K (C1) 1, NHLBI Loan Repayment Program, National Heart, Lung, and Blood Institute, National Institutes of Health
- 2013 Reviewer, 2013/10 ZAG1 ZIJ-8 (02) – Heart Failure and Obesity Program Project Applications, National Institute on Aging, National Institutes of Health
- 2013 Reviewer, American Diabetes Association Position Paper on Nutrition Recommendations for the Management of Diabetes, American Diabetes Association
- 2013 Reviewer, Strategic initiatives at the Institute of Marine Research and National Institute of Nutrition and Seafood Research, Research Council of Norway

- 2013 Reviewer, Endowed Chair Peer-Review Committee, Heart and Stroke Foundation of Ontario, Canada
- 2013 Reviewer, PA 12-265 Ancillary Studies to Major Ongoing Clinical Research Studies (R01), National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health
- 2013 Reviewer, Collaborative Research & Innovation Opportunities Program, Programs of Alberta Innovates Health Solutions (AIHS), Canada
- 2012 Reviewer, Effective Health Care reports, Evidence-based Practice Center (EPC) Program, Agency for Healthcare Research and Quality (AHRQ)
- 2012 Reviewer, Diabetes Research Center (DRC) Pilot and Feasibility Grant, Washington University, St. Louis, MO
- 2012 Reviewer, Superfund Basic Research Program (P42) Scientific Review Group, National Institute of Environmental Health Sciences, National Institutes of Health
- 2010 Reviewer, NIH Director's Opportunity for Research (RC4) Special Emphasis Panel, Stage 1 Scientific Review Group, National Institutes of Health
- 2009 Reviewer, Challenge Grant (ARRA) Special Emphasis Panel, Stage 1 Scientific Review Group, National Heart, Lung, and Blood Institute, National Institutes of Health
- 2008 Reviewer, Endowed Chair Peer-Review Committee, Heart and Stroke Foundation of Ontario, Canada

## **EDITORIAL ACTIVITIES**

- 2018- Editorial Board, BMC Medicine
- 2018- Editorial Board, Global Heart, the Journal of the World Heart Federation
- 2015-2023 Editor-in-Chief, Tufts Health & Nutrition Letter
- 2013-2015 Chair, AHA Statistical Update - Heart Disease and Stroke Statistics
- 2011-2013 Vice-Chair, AHA Statistical Update - Heart Disease and Stroke Statistics

### Ad hoc reviewer (selected):

The New England Journal of Medicine  
 JAMA  
 The Lancet  
 BMJ  
 Circulation  
 Arteriosclerosis, Thrombosis and Vascular Biology  
 Journal of the American College of Cardiology  
 Annals of Internal Medicine  
 JAMA Internal Medicine  
 PLOS Medicine  
 PLOS One  
 American Journal of Clinical Nutrition  
 American Journal of Epidemiology  
 American Journal of Preventive Medicine  
 BMC Medicine  
 European Journal of Clinical Nutrition  
 British Journal of Nutrition  
 Hypertension  
 Lipids

## RESEARCH FUNDING

### CURRENT

#### **Aromatic Amino Acids, Microbiome-Generated Metabolites, and Incident Subclinical and Clinical CVD and Mortality** (anticipated, 10<sup>th</sup> percentile)

2023-2027 PI NIH (R01 HL135920) \$5,152,24

The primary aims of this competitive renewal are to investigate the independent relationships of serial measures of plasma aromatic amino acid (AAA)-derived microbial metabolites with longitudinal onset and progression of subclinical CVD; to investigate the independent relationships of serial measures of plasma AAA-derived microbial metabolites with incident CVD events; and to investigate the independent relationships of serial measures of plasma AAA-derived microbial metabolites with total mortality.

#### **Tufts-Google Partnership to Advance Trusted Nutrition in Artificial Intelligence**

2023-2024 PI Google LLC \$800,000

The collaboration will design and evaluate a scalable program to leverage the pharmacy setting as a key access point to produce prescriptions. The main collaboration goals are to produce a first-in-class AI-based tool to elevate trusted nutrition information and mitigate nutrition misinformation, powered by Palm2 and Tufts FIMI nutrition expertise; and to work together to consider how this might be personalized for different end users and subsequent platforms, including members of the public, healthcare payers and providers, online food retailers, employer wellness plans, life insurance plans, and more.

#### **OptUP® Validation Study**

2023-2024 Co-I The Kroger Co. \$327,791

The project aims are to compare and validate the OptUP nutrition scoring system, using the nationally representative NHANES database, against diet quality and health outcomes, and to compare these results to other nutrient profiling systems including Health Star Rating, NutriScore, and Food Compass.

#### **Public Policy, White House Conference, and Food is Medicine Initiative**

2022-2025 PI Bia-Echo Foundation, Hand Foundation, Seeding the Future Foundation, World Central Kitchen, Yun Family Foundation, and Anonymous \$6,700,000

The overall project goals are to disseminate scientific evidence and information to policy makers in the U.S. to achieve meaningful actions and efforts for a national strategy to strengthen nutrition science, improve food and nutrition security, reduce diet related diseases, and advance health equity.

#### **Impact of Medically Tailored Meals on Obesity, Other Health Outcomes, and Healthcare Utilization under Medicaid Flexible Services**

2022-2024 PI NIH (R01 DK134452) \$2,063,994

The project will evaluate the impact of the Massachusetts Medicaid section 1115 waiver, through provision of medically tailored meals across multiple large Accountable Care Organizations (ACOs), on food security and nutrition security; health outcomes including blood glucose control, body mass index, and blood pressure; and healthcare utilization including emergency department visits, inpatient admissions, and total healthcare costs.

#### **Accelerating Food is Medicine**

2022-2024 PI Kaiser Permanente National Community Benefit Fund \$500,000

The aims of project are to (1) increase awareness of and advocate for Food is Medicine FIM interventions among healthcare systems, the media, and policy makers; (2) collaborate with Kaiser Permanente on design, implementation, and evaluation of a randomized controlled trial of produce prescriptions to improve nutrition security and health among low-income adults with diet-sensitive chronic conditions, including those from traditionally marginalized racial/ethnic backgrounds; and (3) develop and implement national and California-specific polling to evaluate and report on public understanding and support of FIM interventions in healthcare.

#### **Cost-Effectiveness of Health System and State-Level Strategies to Improve Diet and Reduce Cardiometabolic Diseases**

2020-2024 PI NIH (R01 HL115189) \$3,021,608  
Major aims are 1) to estimate the health impacts, costs, cost-effectiveness, and effects on disparities of specific health system strategies to improve diet and reduce CMD in the US, 2) to estimate the health impacts, costs, cost-effectiveness, and effects on disparities of specific state-level policies to improve diet and reduce CMD in the US, 3) to assess the administrative and legal challenges and feasibility of specific health system and state strategies to improve diet and reduce CMD in the US, and 4) to disseminate our top findings from the prior period, related grants, and this new work to relevant stakeholders in key legislative, agency, and advocacy positions.

## **PAST**

### **Advancing “Food is Medicine” through Education, Advocacy, Coalitions, and True Cost Accounting**

2022-2023 PI The Rockefeller Foundation (2020 FOD 036) \$495,000  
The long-term vision of this project is to further advance the scientific case and advocacy strategy for Food is Medicine (FIM) initiatives with a focus on Produce Rx and MTMs, supported by a new true cost accounting case study and related national policy maker and agency education and advocacy.

### **ESG+H and Food Compass Research**

2021-2022 PI Vail Innovative Global Research \$363,604  
This project aims to further assess and refine inputs and scoring principles of the Food Compass algorithm to improve its scientific rigor and practicality while gaining consensus in the broader research community; validate the Food Compass Score against health outcomes in the nationally representative National Health and Nutrition Survey (NHANES) database; and, develop specific ESG+H technical domains that incorporate the Food Compass.

### **Advancing Federal Nutrition Coordination and Research and “Food is Medicine” through Strategic Communications, Coalitions, and Advocacy**

2020-2022 PI The Rockefeller Foundation (2020 FOD 036) \$351,362  
Activities will include: developing compelling messaging around specific Food is Medicine actions; interactions with stakeholders to identify and crystalize specific priorities and communications interests around federal food and nutrition coordination and research and Food is Medicine initiatives; leveraging, coordinating with, and growing the Federal Nutrition Research Coalition and Tufts Food and Nutrition Innovation Council; identifying and implementing synergies with the Food is Medicine Coalition and National Produce Prescription Collaborative; implementing corresponding convenings, communications materials, 1:1 meetings, and Capitol Hill educational briefings; and identifying key policy levers and engaging champions for advancing the identified priorities.

### **TMAO and Initiation, Extent, and Clinical Onset of Atherosclerotic CVD**

2017-2021 PI NIH/NHLBI (R01 HL135920) \$4,651,887  
Major aims are to investigate the independent relationships of serial measures of plasma TMAO with longitudinal onset and progression of subclinical CVD, with incident CVD events, and with total mortality.

### **Global Dietary Database 2.0**

2017-2021 PI Bill & Melinda Gates Foundation \$2,864,327  
Major aims are to systematically update, expand, and improve data harmonization on global dietary intakes database; broadly disseminate the findings through a new online platform, research collaborations, and strategic partnerships; and perform new analyses of maternal and child diet diversity/quality in relation to key health outcomes.

### **Trilogy 1 and 2: Phase 3 Study of CaPre in Lowering Very High Triglycerides**

2017-2020 PI Acasti Pharma Inc.  
Major aims are to evaluate the efficacy of CaPre, an investigational drug containing a naturally-derived krill oil mixture of omega-3 as both free fatty acids and bound to phospholipids, in two parallel clinical trials. The TRILOGY (Phase 3 Study of CaPre in Lowering Very High Triglycerides) Phase III program was designed to

compare the efficacy and safety of CaPre 4 g daily vs. placebo in lowering fasting triglyceride levels and other lipid parameters in patients with severe hypertriglyceridemia (fasting triglycerides 500-1,500 mg/dl).

**Planning Grant on the Implications of a New Coordinated Federal Nutrition Research Effort and Authority**

2019-2020 PI The Rockefeller Foundation (2019 FOD 011) \$351,361

This is a one-year planning grant to lay crucial groundwork for the Friedman School of Nutrition Science and Policy to review and bring together actionable science, policy knowledge, political strategy, education, and evidence on creating a new coordinated federal nutrition research effort and authority.

**Economic Analyses of Policy Strategies to Improve Diet and Reduce CVD**

2016-2020 Co-I NHLBI (R01 HL130735; PI-Micha)

Major aims are to evaluate the (1) cost, (2) cost-effectiveness and effects on disparities, and (3) political and legal feasibility of implementing specific evidence-based policy strategies to improve diet and reduce cardiovascular disease in the US.

**Comparative and Cost Effectiveness of Population Strategies to Improve Diet and Reduce Cancer**

2016-2020 Co-I NIH (R01 MD011501; PI-Zhang)

The proposed study will evaluate the cost and effectiveness of implementing population-based preventative strategies to improve diet and reduce cancer in the US population. Results will directly inform evidence-based priorities for policies, planning prevention strategies, and large implementation trials to reduce cancer burden in the US population.

**Resolve to Save Lives Cardiovascular Health Initiative**

2018-2019 Subcontract PI (PI-Appel) \$59,826

Supported by Tom Frieden's Resolve to Save Lives project, major aims are to quantify the benefits and potential harms of a nationwide salt substitute intervention to reduce mortality and morbidity from blood-pressure related diseases in China, including effects on CVD mortality and morbidity (incidence, disability-adjusted life-years) and on hyperkalemia-related mortality and morbidity.

**Plasma Sphingolipids and Risk of Cardiovascular Disease**

2016-2019 Subcontract PI (R01 HL128575; PI-Lemaitre) \$78,092

The aim of this study is to determine the associations of new modifiable lipids ("sphingolipids") with the risks of heart failure, atrial fibrillation, sudden cardiac death and total mortality. The study will inform future novel prevention efforts to fight heart failure and arrhythmias, diseases with increasing prevalence and high burdens of morbidity and mortality in aging populations.

**Feeding America's Bravest: Mediterranean Diet-Based Interventions to Change Firefighters' Eating Habits and Improve Cardiovascular Risk Profiles**

2015-2018 Co-I FEMA (PI-Kales)

Major aims are to develop and test the effectiveness and cost-effectiveness of a Mediterranean Diet Nutritional Intervention (MDNI) on eating habits, weight change, and cardiovascular risk profiles in a cluster-randomized controlled trial among US firefighters.

**Circulating Dietary & Metabolic Fatty Acids, Major CVD, & Healthy Aging (Diversity Supplement)**

2015-2018 PI NIH/NHLBI (R01 HL085710) \$372,928

Research Supplement to Promote Diversity in Health-related Research. Major aims are to support novel additional analyses in fatty acids and health and the career development of a diverse junior investigator, Dr. Marcia Otto, Assistant Professor, UT Southwestern.

**Circulating Dietary & Metabolic Fatty Acids, Major CVD Outcomes, & Healthy Aging**

2013-2018 PI NIH/NHLBI (R01 HL085710) \$2,390,364

Major aims are to investigate associations of serial levels, and changes, of key circulating fatty acid biomarkers

with incident CVD, total mortality, and healthy aging late in life.

**CVD Epidemiology Training Program in Behavior, the Environment and Global Health**

2014-2019 co-Founder, co-PI NIH/NHLBI (2 T32 HL098048) \$2,982,137

Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32). Major aims are to train pre-doctoral students and post-doctoral fellows to create a new generation of highly skilled investigators to study the impact of behavioral and environmental risk factors and policy on cardiometabolic diseases globally. Grant transferred to Eric Rimm in 2014, following my move to Tufts.

**Comparative-Effectiveness of Population Strategies to Improve Diet and Reduce CVD (Administrative Supplement)**

2016-2017 PI NIH/NHLBI (RO1 HL115189-05S1) \$77,286

Research Supplement to Promote Diversity in Health-related Research. The aims of the grant are to evaluate the comparative-effectiveness of evidenced-based interventions to improve diet, including among high-risk subgroups and to focus on the evaluation of the comparative-effectiveness of population diet interventions to reduce CVD, other chronic diseases, mortality, and DALYs in the US, including impact on disparities.

**Comparative-Effectiveness of Population Strategies to Improve Diet and Reduce CVD**

2013-2017 PI NIH/NHLBI (R01 HL115189) \$2,887,770

Major aims are to evaluate the comparative-effectiveness of evidence-based population interventions to improve diet globally, and their projected impact on CVD, other chronic diseases, mortality, and DALYs in the US.

**Comparative-Effectiveness of Population Strategies to Improve Diet**

2013-2014 PI The Sackler Institute for Nutrition Science, NYAS \$50,000

Major aims are to quantify the comparative-effectiveness of food regulation, food pricing, and schools and workplace programs to improve dietary habits.

**Global Dietary Database: Global Dietary Intakes, Diseases, and Policies in Children, Women, and Men**

2013-2016 PI Bill & Melinda Gates Foundation \$2,589,401

Major aims are to systematically update and expand data on global dietary intakes in adults, youth (from infancy to adolescence) and pregnancy/nursing, including by rural/urban and income status; to evaluate and quantify the health impact of specific dietary factors throughout the lifespan; and to characterize and compare cost-effectiveness of specific diet policy interventions to reduce the identified burdens.

**Quantifying human vulnerability to changes in crop nutrients resulting from rising concentrations of atmospheric carbon dioxide**

2013-2015 Co-I Bill & Melinda Gates Foundation (PI-Myers)

To quantify accurate estimates of the CO<sub>2</sub> effect on the nutrient intake of different population groups, by age and sex, in different countries across the globe; and evaluate nutritional impacts of loss of pollinators and ways in which ocean acidification (from CO<sub>2</sub>) are likely to alter human nutrient and dietary intakes.

**Bunge Fellowship in Nutrition and Health**

2012-2016 PI Bunge Fellowship in Nutrition and Health \$400,000

Major aims are to create and support a postdoctoral training fellowship, based on an unrestricted gift from Bunge Global Innovation, LLC, to support the training of a young scientist in investigation of nutrition, human health promotion, and chronic disease prevention.

**Global Dietary Habits Among Women, Price and Income Elasticities, and Validity of Food Balance Sheets**

2012-2014 PI Bill & Melinda Gates Foundation \$763,865

Major aims are to systematically evaluate dietary quality in women, including by age and time, in all nations around the globe; to determine using nationally representative data the price and income elasticities of dietary intakes across regions, countries, and time, and differences by age and sex; and to quantify the validity of FAO food balance sheets, including evaluation of heterogeneity.

### **Promoting Capacity Building in Chronic Diseases Research in South America**

2012-2017 US PI NIH/Fogarty International Research Training Award (D43 TW009126) \$1,020,463  
D43 program for collaborative research training between Harvard and IECS in Argentina to strengthen research capacity in Argentina to conduct research on non-communicable diseases and disorders across the lifespan. Grant transferred to Goodarz Danaei in 2014, following my move to Tufts.

### **Endogenous Anti-Inflammatory Lipid Mediators, Fish Oil and Post-Operative Atrial Fibrillation**

2011-2013 PI NIH/NHLBI (R21 HL109924) \$432,497  
Major aims are to evaluate how a novel class of potent anti-inflammatory molecules derived from omega-3's, MEFAs, relate to pro-inflammatory biomarkers and to risk of post-op atrial fibrillation, and whether intra-operative plasma MEFAs are modified by fish oil treatment.

### **Determinants and Cardiovascular Consequences of Diabetes in Older Adults**

2009-2013 Co-I NIH/NHLBI (R01 HL094555; PI-Djousse)  
Major aims are to evaluate pathways in development and cardiovascular prognosis of diabetes in older adults, including related to adipocyte function, calcium metabolism, advanced glycation endproducts, and fibrosis. I assisted in development of aims, research design, and methods, particularly on how lifestyle factors may affect these pathways and outcomes, and collaborated on analyses and manuscripts.

### **Omega-3 Fatty Acids for Prevention of Post-Operative Atrial Fibrillation (OPERA)**

2009-2013 co-PI GSK, Sigma Tau, Pronova \$5,603,395  
This, investigator-initiated, international, multi-center, phase 3 randomized controlled clinical trial tested whether peri-operative fish oil consumption reduces the occurrence of atrial fibrillation following cardiac surgery and also investigated biologic, genetic, and electrophysiologic pathways of effects.

### **Inflammation/Oxidation, Omega-3's, and Post-Op Atrial Fibrillation and Cognitive Decline**

2009-2012 PI NIH/NHLBI (RC2 HL101816 – ARRA) \$4,397,109  
Major aims are to assess key circulating and tissue biomarkers to investigate novel mechanistic pathways whereby post-op cognitive decline and fibrillation may each occur and test whether fish oil decreases these post-op complications by preventing oxidative stress and subsequent inflammation.

### **CVD Epidemiology Training Program in Behavior, the Environment and Global Health**

2009-2014 co-Founder, co-PI NIH/NHLBI (T32 HL098048) \$910,901  
Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32). Major aims of this new training program are to train pre-doctoral students and post-doctoral fellows to create a new generation of highly skilled investigators to study the impact of behavioral and environmental risk factors and policy on cardiometabolic diseases globally.

### **Mercury, Selenium and Risk of Cardiovascular Disease in Women and Men – supplement**

2009-2012 PI NIH/NIEHS (R01 ES014433-03S1 - ARRA) \$1,230,625  
Major aims are to prospectively investigate the independent effects of omega-3 fatty acids, mercury, and selenium, each assessed using objective biomarkers, with risk of both coronary heart disease and stroke in men and women; and use this data to develop an evidence-based risk assessment framework to derive quantitative risk-benefit estimates for cardiovascular effects of consuming specific fish species.

### **Fatty Acids and Major Cardiovascular Outcomes – supplement**

2009-2012 PI NIH/NHLBI (R01 HL085710-03S1 – ARRA) \$283,792  
Major aims are to support a postdoctoral fellow with research funds for biological analyses and cutting-edge fatty acid “pattern” investigation to extend advanced diet pattern techniques to the analysis of circulating fatty acids to identify novel fatty acids inter-relationships and diet-metabolic phenotypes.

### **Tanzania Population Health Implementation and Training (PHIT) Partnerships Planning Grant**

2008-2009      Consultant      Doris Duke Charitable Foundation  
Major aims are to develop plans for partnerships to implement and evaluate delivery of integrated primary healthcare in developing world regions. I served as the chief US consultant for the development of the intervention programs to reduce chronic diseases in these regions.

**Human Genetic Variation In Fatty Acid Metabolism And Sudden Cardiac Arrest**

2008-2012      Co-I                      NIH/NHLBI (R01 HL091244-01; PI-Lemaitre)  
Major aims are to investigate associations between human genetic variation in fatty acid metabolism and the risk of sudden cardiac arrest. My role is to collaborate on analyses and manuscripts related to the primary aims.

**Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE)**

2007-2009      PI                              Global Burden of Diseases, Injuries, and Risk Factors (GBD)      \$65,000  
Major aims are to quantitate the global impact, including exposure and relative risk distributions, of major nutritional risks for cardiovascular diseases and cancers in 21 developed and developing world regions.

**Dietary Fatty Acids, Congestive Heart Failure, and Atrial Fibrillation**

2007-2011      PI                              The Searle Funds at The Chicago Community Trust                      \$240,000  
Searle Scholar Award. Major aims are to elucidate the intersection of effects of dietary and tissue levels of omega-3 and trans fatty acids and genetic variation on risk of heart failure and atrial fibrillation.

**Mercury, Selenium, and Risk of Cardiovascular Disease in Women and Men**

2007-2012      PI                              NIH/NIEHS and NHLBI (R01 ES 014433)                              \$2,789,088  
Major aims are to investigate prospectively the relationships of toenail mercury and selenium levels, objective biomarkers of environmental exposure, and fish and n-3 fatty acid intake with incidence of coronary heart disease and stroke in men and women in two large prospective cohort studies.

**Dietary Biomarkers, Genetic Variation, and Novel Markers of Metabolic and Cardiovascular Risk**

2007-2011      PI                              Genes and Environment Initiative, Harvard                              \$200,000  
Major aims are to investigate how genome-wide variation affects individual responses to chronic mercury and selenium exposure and the potential biologic pathways mediating these identified genetic effects.

**Fatty Acids and Major Cardiovascular Outcomes in Older Adults**

2006-2012      PI                              NIH/NHLBI (R01 HL 085710)                              \$2,342,311  
Major aims are to investigate prospectively the relationships of plasma phospholipid omega-3 and trans fatty acid levels, objective biomarkers of dietary intake, with incidence of congestive heart failure, atrial fibrillation, and total mortality among older adults in a prospective, population-based, multicenter cohort.

**Fatty Acids and Cardiovascular Health**

2004-2008      PI                              NIH/NHLBI (K08 HL 075628)                              \$620,000  
Major aims are to define more clearly relationships of diet, particularly dietary fatty acids, with cardiovascular disease.

**Diet and Genetic Interactions in Relation to Coronary Heart Disease**

2003-2005              co-I                      American Heart Association (PI-Rimm)  
Major aims are to evaluate new and timely hypotheses concerning the dietary and genetic determinants of cardiovascular disease. My role was to lead specific analyses and manuscripts related to the primary aims.

**Mitigation by Atorvastatin of Heart Failure Inflammation (MAHI)**

2002-2004              co-PI                      Pfizer Research Grant                              \$83,400  
This is a randomized, double blind, placebo-controlled trial to test the effect of statin therapy on systematic inflammation, exercise tolerance, and quality of life in patients with heart failures.



## **TEACHING AND TRAINING**

### **Doctoral**

- 2020- Member, Doctoral thesis committee, Laura Lara-Castor, Friedman School of Nutrition Science and Policy, Tufts University
- 2020-2022 Chair, Doctoral thesis committee, Meghan O’Hearn, Friedman School of Nutrition Science and Policy, Tufts University
- 2020-2022 Chair, Doctoral thesis committee, Kurt Hager, Friedman School of Nutrition Science and Policy, Tufts University
- 2019-2023 Member, Doctoral thesis committee, Mengxi Du, Friedman School of Nutrition Science and Policy, Tufts University
- 2013-2014 Chair, Doctoral thesis committee, Qianyi Wang, Department of Epidemiology, Harvard School of Public Health
- 2013-2014 Chair, Doctoral thesis committee, Ashkan Afshin, Department of Epidemiology, Harvard School of Public Health
- 2013-2014 Chair, Doctoral thesis committee, Mohammad Yakoob, Department of Epidemiology, Harvard School of Public Health
- 2010-2011 Chair, Doctoral oral exam committee, Deirdre Banel, Department of Nutrition, Harvard School of Public Health
- 2008-2011 Chair, Doctoral thesis committee, Martin Lajous, Department of Epidemiology, Harvard School of Public Health
- 2007-2009 Member, Doctoral thesis committee, Goodarz Danaei, Department of Global Health and Population, Harvard School of Public Health

### **Courses Taught**

- 2007-2014 Course Director, Cardiovascular Epidemiology, EPI 223, Harvard School of Public Health
- 2004-2006 Course Director, Cardiovascular Epidemiology, MPH 220, Tufts University School of Medicine
- 2003 Section Leader, Science B-23, Foods, Dietary Habits, and Human Health, University of Washington
- 2000-2001 Co-Instructor, Human Biology 540, University of Washington School of Medicine

### **Guest Lectures**

- 2022-2023 Precision Nutrition, Friedman School of Nutrition Science and Policy, Tufts University
- 2021-2022 Nutrition and Global Health, Harvard T.H. Chan School of Public Health
- 2020 Public Health and Minority Communities, The George Washington University
- 2016-2023 Nutritional Epidemiology, Friedman School of Nutrition Science and Policy, Tufts University
- 2016 Health to Disease III: Nutrition, Tufts University School of Medicine
- 2015 Nutrition and Global Health, Harvard School of Public Health
- 2015 Nutrition Assessment of Dietary Intake, Tufts University School of Medicine
- 2013-2014 Introduction to Clinical Nutrition, Harvard Medical School

2012 Clinical Nutrition Research, Boston University School of Medicine  
 2010-2014 Global Nutrition, Harvard School of Public Health  
 2010 Human Systems - Introduction to Clinical Nutrition, Harvard Medical School  
 2006-2014 Principles of Screening, Harvard School of Public Health  
 2003-2006 Cardiovascular Epidemiology, Harvard School of Public Health

### **Clinical Supervisory**

2021- Cardiology Fellows Clinic Attending, Tufts Medical Center  
 2009-2014 Cardiology Fellows Clinic Attending, Brigham and Women's Hospital  
 2009-2014 Cardiology B Team Attending, Brigham and Women's Hospital  
 2008 Cardiology Consult Service Attending, Brigham and Women's Hospital  
 2004-2006 Echocardiography Suite Attending, Boston VA Health Care System, West Roxbury  
 2003-2004 Preventive Cardiology Clinic Attending, Boston VA Health Care System, West Roxbury

### **Training and Mentoring - Current:**

2021- **Lu Wang**, PhD. Postdoctoral Scholar, Friedman School of Nutrition Science & Policy, Tufts  
 Primary Mentor: Postdoctoral Scholar, Tufts, 2021-present  
 2020- **Meng Wang**, PhD. Postdoctoral Scholar, Friedman School of Nutrition Science & Policy, Tufts  
 Primary Mentor: Postdoctoral Scholar, Tufts, 2020-present

### **Training and Mentoring – Past (with current positions listed):**

2019-2022 **Kurt Hager**, MS, PhD. Instructor, Population & Quantitative Health Sciences, University of Massachusetts Chan Medical School, Worcester, MA. Primary Mentor: PhD Candidate, Tufts, 2019-2022  
 2018-2022 **Meghan O'Hearn**, MS, PhD. Impact Director, Food Systems for the Future, Sacramento, CA. Primary Mentor: PhD Candidate, Tufts, 2018-2022  
 2018-2021 **Victoria Miller**, PhD. Research Fellow, PHRI Population Health Research Institute, Hamilton, Canada. Primary Mentor: Postdoctoral Scholar, Tufts, 2018-2021  
 2017-2020 **Yujin Lee**, PhD. Assistant Professor, Department of Food and Nutrition, Myongji University, Seoul, South Korea. Primary Mentor: Postdoctoral Scholar, Tufts, 2017-2020  
 2016-2020 **Junxiu Liu**, PhD. Assistant Professor, Department of Population Health Science and Policy, Icahn School of Medicine, Mount Sinai, New York, NY. Primary Mentor: Postdoctoral Scholar, Tufts, 2016-2020  
 2016-2019 **Heidi Lai**, PhD. Research Fellow, Imperial College London, United Kingdom. Primary Mentor: Postdoctoral Scholar, Tufts, 2016-19  
 2016-2019 **Jennifer Onopa**, MS. Chief Nutrition Officer, Foodspace Tech, Boston, MA. Primary Mentor: Researcher, Tufts, 2016-19  
 2016-2017 **Sally Stoyell**, BS. Clinical Research Coordinator, Massachusetts General Hospital. Primary Mentor: Research scholar, Tufts, 2016-17  
 2016-2017 **Kate Rosettie**, MS. Sr. Consultant, Health Economics and Outcomes Research, IQVIA, Seattle, WA. Primary Mentor: Research scholar, Tufts, 2016-17  
 2016-2017 **Alison Brown**, MS, PhD. Program Director, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD. Primary Mentor: PhD Candidate, Tufts, 2016-17  
 2016 **Estelle Zirkler**, MS. Health Data Analyst - Senior IT Professional, University of Colorado Denver. Primary Mentor: Research scholar, Tufts, 2016  
 2015-2017 **Sarah Kranz**, BS. Senior Clinical Data Manager, Statistics & Data Corporation, Waltham, MA. Primary Mentor: Research scholar, Tufts, 2015-17

- 2015-2017 **Adeem Tahira**, DO. Resident, Novant Health, Cornelius, NC. Primary Mentor: Research scholar, Tufts, 2015-17
- 2015-2017 **Daniel Marsden**, MD. Resident Physician, Nassau University Medical Center, East Meadow, NY. Primary Mentor: Research scholar, Tufts, 2015-17
- 2015-2016 **Sarah Pedersen**, PhD. Nutrition Advisor, USAID, Washington, D.C. Primary Mentor: Postdoctoral fellow, Tufts, 2015-16
- 2015-2016 **Zach Conrad**, PhD. Assistant Professor, William & Mary. Primary Mentor: Postdoctoral fellow, Tufts, 2015-16. Award for Excellence in Research Addressing Cardiovascular Health Equity by AHA recipient, 2016
- 2015-2016 **Eve Bishop**, BS. Medical Student, Johns Hopkins School of Medicine. Primary Mentor: Research scholar, Tufts, 2015-16
- 2014-2017 **Jose Peñalvo**, PhD, Pharm D. Professor of Public Health, Head of Noncommunicable Diseases Unit, Institute of Tropical Medicine, Antwerp, Belgium. Primary Mentor: Faculty member, Tufts, 2014-17
- 2014-2016 **Masha Shulkin**, BS. Research Assistant, University of Michigan. Primary Mentor: Research scholar, Tufts, 2014-16
- 2014-2016 **Laura Pimpin**, PhD. Epidemiology Lead, Babylon, London, United Kingdom. Primary Mentor: Postdoctoral fellow, Tufts, 2014-16
- 2014-2015 **Colin Rehm**, PhD. Senior Principal Scientist, PepsiCo, Purchase, NY. Primary Mentor: Postdoctoral fellow, HSPH, 2014-15
- 2014-2015 **Michael Kashaf**, MPH. Resident Doctor, University of California, Irvine - College of Medicine. Primary Mentor: Research scholar, Tufts, 2014-15
- 2013-2015 **Emmanuel Akintoye**, MD, MPH. Assistant Professor in Cardiology, Yale New Haven Hospital. Primary Mentor: MPH student, HSPH, 2013-15
- 2013-2015 **Siyi Shangguan**, MD MPH. Attending Physician, Massachusetts General Hospital. Primary Mentor: Research assistant, Tufts, 2014-15; Research assistant, HSPH, 2013-14. Finalist, Article of the Year, American Journal of Preventive Medicine, 2019.
- 2013-2014 **Shahab Khatibzadeh**, MD MPH. PhD student, Heller School for Social Policy & Management, Brandeis University. Primary Mentor: Postdoctoral fellow, HSPH, 2013-14
- 2013-2014 **Michael Webb**, MS. PhD candidate, Economics Department, Stanford University. Mentor: Visiting masters student, HSPH, 2013-14. Finalist, Jeremiah and Rose Stamler Research Award for New Investigators, American Heart Association, 2014
- 2013-2014 **Saman Fahimi**, MD MPH. Visiting Researcher, HSPH. Mentor: Visiting doctoral student, HSPH, 2013-14. Winner, Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology, American Heart Association, 2013
- 2012-2021 **Gitanjali Singh**, PhD MPH. Epidemiologist/Data Scientist/Programmer, CDC Foundation. Primary Mentor: Faculty member, Tufts, 2014-21; Postdoctoral fellow, HSPH, 2012-14. NIH K99/R00 Award (NHLBI), 2013-18
- 2012-2015 **Jessica Smith**, PhD. Associate Principal Nutrition Scientist, General Mills, Maple Grove, MN. Primary Mentor: Postdoctoral fellow, HSPH, 2012-15
- 2012-2015 **Liana Del Gobbo**, PhD. Manager, Clinical Affairs, San Francisco, CA. Primary Mentor: Postdoctoral fellow, Tufts, 2014-15; Postdoctoral fellow, HSPH, 2012-14
- 2012-2014 **Qianyi Wang**, MD. Strategy Head, Tencent Healthcare, Beijing, China. Doctoral Thesis Advisor: HSPH, 2012-14
- 2012-2014 **Marcia de Oliveira Otto**, PhD. Assistant Professor (tenure-track), The University of Texas School of Public Health. Co-Mentor: Faculty member, UT Southwestern, 2014-present; Primary Mentor: Postdoctoral fellow, HSPH, 2012-14. Swiss Re-Harvard Fellowship Award, 2013-14. NHLBI Diversity Supplement Award, 2015-17. American Heart Association Scientist Development Grant, 2017
- 2012-2014 **Wenjie Ma**, MD. Instructor In Medicine, Massachusetts General Hospital. Doctoral Thesis Advisor: HSPH, 2012-14. Epidemiology and Prevention New Investigator Travel Award, American Heart Association, 2014
- 2012-2013 **Fadar Otite**, MD MPH. Assistant Professor of Neurology, SUNY Upstate Medical University.

- Primary Mentor: Research assistant, HSPH, 2012-13
- 2010-2015 **Ashkan Afshin**, MD MPH. Co-Founder & CEO, Stealth Mode Biotech Startup. Primary Mentor: Postdoctoral fellow, Tufts, 2014-15; Doctoral Thesis Advisor, HSPH, 2010-14. Harvard Global Health Graduate Fellowship Award, 2013-14
- 2010-2014 **Mohammad Yakoob**, MD DrPH. Department of Pediatrics and Child Health, Aga Khan University, Karachi, Pakistan. Doctoral Thesis Advisor: HSPH, 2010-14. Lown Scholar, HSPH, 2011-12. Predoctoral Fellowship Award, American Heart Association, 2012-14. Epidemiology and Prevention New Investigator Travel Award, American Heart Association, 2014
- 2010-2011 **Deirdre Banel**, DrPH. Assistant Professor of Nutrition, HSPH. Doctoral Oral Exam Committee Chair, HSPH, 2010; Doctoral Thesis Committee: HSPH, 2010-11. Student Travel Scholarship Award, Society of Epidemiologic Research Annual Meeting, Montreal, Canada, 2011. Outstanding Poster Award, Society of Pediatric and Perinatal Epidemiologic Research Annual Meeting, Montreal, Canada, 2011. Best Plenary Presentation, Society of Pediatric and Perinatal Epidemiologic Research Annual Meeting, Montreal, Canada, 2011
- 2010-2011 **Luisa Soares-Miranda**, PhD RN. Postdoctoral Researcher, CIAFEL, University of Porto, Portugal. Mentor: Visiting doctoral student, HSPH, 2010-11
- 2010-2011 **Shadi Kalantarian**, MD MPH. Electrophysiology Fellow, UCSF Medical Center, San Francisco, CA. Masters Thesis Advisor: HSPH, 2010-11. HSPH Lown Scholar, 2010-11
- 2009-2013 **Fumiaki Imamura**, PhD. Senior Investigator Scientist (tenure-track faculty), Medical Research Council (MRC) Epidemiology Unit, University of Cambridge, United Kingdom. Primary Mentor: Postdoctoral fellow, HSPH, 2009-13. National Institutes of Health Administrative Supplement Award (PI-Mozaffarian), American Recovery and Reinvestment Act of 2009 (3R01 HL085710-03S1), 2009. Annual Winner, Harvard Program in Cardiovascular Epidemiology Fellow and Trainee Friday Forum, HSPH, 2010. Fellowship, the International Union of Nutritional Sciences Workshop on Capacity and Leadership Development in Nutritional Sciences, Tokyo, Japan, 2010. Epidemiology and Prevention Early Career Research Grant, American Heart Association, 2011. Fellowship, 44th Ten-Day International Teaching Seminar on CVD Epidemiology and Prevention, Cape Town, South Africa, 2012. Scott Grundy Fellowship Award for Excellence in Metabolism Research, American Heart Association, San Diego, CA, 2012. Finalist, Jeremiah and Rose Stamler Research Award for New Investigators, American Heart Association, 2013
- 2009-2013 **Jason Wu**, PhD. Program Head, Nutrition Science, Food Policy; and Professor, Faculty of Medicine, The George Institute for Global Health, University of New South Wales, Newtown, Australia. Primary Mentor: Postdoctoral fellow, HSPH, 2009-13. Australian National Heart Foundation Research Fellowship, 2010-11
- 2008-2021 **Renata Micha**, PhD. Chair, Global Nutrition Report; and Associate Professor in Human Nutrition (tenured), Department of Food Science and Nutrition, University of Thessaly, Greece. Primary Mentor: Faculty member, Tufts, 2014-2021; Research Associate, HSPH, 2012-14; Postdoctoral fellow, HSPH, 2008-11. Finalist, Jeremiah and Rose Stamler Research Award for New Investigators, American Heart Association, 2010. Epidemiology and Prevention Early Career Travel Award, American Heart Association, 2010. PI, NIH R01 (R01 HL130735), 2015-19
- 2008-2011 **Martin Lajous**, MD DrPH. Faculty-Researcher, The National Institute of Public Health of Mexico. Doctoral Thesis Committee Chair: HSPH, 2008-11. Rose Travel Fellowship, HSPH, 2009. HSPH Lown Scholar, 2010-11
- 2008-2009 **Sarah Wallace Cater**, MD. Physician, General Internal Medicine, Greensboro, NC. Primary Mentor: Junior research fellow, HSPH, 2008-09
- 2008-2009 **Pattra Wirojratana Mattox**, BS MPH. Publication Lead and Scientific Writer, Scientific Research, Action, Boston, MA. Masters Thesis Advisor, HSPH, 2008-09
- 2008-2010 **Kyong Park**, PhD. Professor, Food and Nutrition, Yeungnam University, Gyeongsan, South Korea. Primary Mentor: Postdoctoral fellow, HSPH, 2008-10
- 2007-2009 **Goodarz Danaei**, MD. Associate Professor of Global Health (tenure-track faculty), Department of Global Health and Population, Department of Epidemiology, HSPH. Doctoral Thesis Committee, HSPH, 2007-09
- 2007-2008 **Divay Chandra**, MD MPH. Assistant Professor of Medicine, Department of Medicine, University

of Pittsburgh. Primary Mentor: Masters student, HSPH, 2007-08  
2007-2008 **Jyrki Virtanen**, PhD. Associate professor of nutrition and public health (tenure track), University of Eastern Finland, Institute of Public Health and Clinical Nutrition, Kuopio, Finland. Primary Mentor: Postdoctoral fellow, HSPH, 2007-08

## INVITED PRESENTATIONS

### National

#### 2023

*Food as Medicine: How Health Care can Address Hunger, Nutrition, and Health.* Speaker, Medical Grand Rounds, Tufts Medical Center, Boston, MA.

*Achieving nutrition security in SNAP.* Speaker, Project Directors meeting, California Department of Public Health's (CDPH) Supplemental Nutrition Assistance Program – Education (SNAP-Ed), Virtual.

*Accelerating Food and Nutrition Security at Kaiser Permanente.* Speaker, Kaiser Permanente Community Health/Social Health/Medicaid Conference, Virtual.

*Achieving nutrition security in a post-pandemic America.* Speaker, CME Group Agricultural Markets Advisory Council (AMAC) Meeting, Virtual.

*Lessons Learned for Translating Research into Policy.* Speaker, Tufts Nutrition Data Symposium, Virtual.

*Obesity – An Unexplained Epidemic.* Speaker, Clinical Nutrition Conference Series, Memorial Sloan Kettering Cancer Center, Virtual.

*Food is Medicine: How Health Care can Address Hunger, Nutrition, and Health.* Speaker, Annual General Meeting, Suffolk District Medical Society, Boston, MA.

*The White House Conference on Hunger, Nutrition & Health: Translating Evidence into Action.* Speaker, Harvard Food Systems Initiative, Virtual.

*Food is Medicine: How Health Care can Address Nutrition, Health, and Health Equity.* Speaker, Pennington Biomedical Research Center, Louisiana State University, Baton Rouge, LA.

*Consumption of Bioactives: A Public Health Perspective.* Speaker, Brightseed Bioactives Round Table, Virtual.

*The White House Conference on Hunger, Nutrition and Health: Translating Evidence into Action.* Keynote Speaker, CDPHP Nutrition Lecture 2023, Russell Sage College, Virtual.

*The U.S. Food System, Diet-Related Diseases, and Needed Actions for a Healthier America.* Speaker, President's Council of Advisors on Science and Technology (PCAST) public meeting, Virtual.

*Designing and Implementing Evaluations Plans for Food is Medicine Programs.* Speaker, New York State Food as Medicine Steering Committee meeting, Virtual.

*Investable Opportunities in Food is Health.* Panelist, Food Nutrition and Health Investor Coalition (FNHIC) quarterly meeting, Virtual.

*Level-Setting Food is Medicine: Observations of the Emerging Landscape.* Keynote Speaker, Advancing Food is Medicine Approaches in Support of the National Strategy on Hunger, Nutrition, and Health, Food Tank, Boston, MA.

*Food is Medicine opportunities for public-private partnerships.* Facilitator, Advancing Food is Medicine Approaches in Support of the National Strategy on Hunger, Nutrition, and Health, Food Tank, Boston, MA.

*The True Cost of Food is Medicine.* Moderator, Virtual Congressional Briefing, The Friedman School of Nutrition Science and Policy at Tufts University.

*Spotlight on Tufts Food is Medicine Initiative.* Panelist, SDOH: National Context and State-Based Models of Innovation, Hunger to Health Collaboratory (H2HC), Somerville, MA.

*Achieving American Nutrition Security in a Post-Pandemic World.* Speaker, Aspen Congressional breakfast, Washington, D.C.

*Food is Medicine: Innovation for Health, Equity, and Economic Impact.* Speaker, NUTRITION 2023, American Society for Nutrition, Boston, MA.

*Food as Medicine.* Moderator, NUTRITION 2023, American Society for Nutrition, Boston, MA.

*Food is Medicine: Innovation for Health, Equity, and Economic Impact.* Speaker, Learning Session: Type 2 Diabetes and Obesity, Gates Ventures, Virtual.

*Functional Medicine & Food as Medicine.* Panelist, Longer. Healthier. Better. — Longevity Symposium, John Hancock, Boston, MA.

*Transforming Agrifood Systems Amidst the Climate Crisis: A Diversity of Solutions for People, Planet, and Prosperity.* Panelist, Report Launch, Food Systems for the Future, The Friedman School of Nutrition Science and Policy at Tufts University, and the Environmental Defense Fund, New York, NY.

*Taking Action on Nutrition.* Chairperson, New Frontiers of Nutrition, World Economic Sustainable Development Impact Meetings 2023, World Economic Forum, New York, NY.

*Building a Hunger-Free Future: Improving Access to Healthy Foods.* Moderator, Congresswoman Robin Kelly's Health Braintrust, Congressional Black Caucus Foundation's Annual Legislative Conference, Washington, D.C.

*Food is Medicine: Innovative Strategies to Advance Health and Health Equity.* Speaker, Personalized Nutrition 2023 Summit, American Nutrition Association, Virtual.

*Research & Evaluation.* Panelist, 10th Annual Food is Medicine Symposium, Community Servings, and the Center for Health Law and Policy Innovation at Harvard Law School, Boston, MA.

*Food is Medicine: Innovation for Health, Equity, and Economic Impact.* Speaker, Pediatric Grand Rounds, Children's Hospital Colorado and the University of Colorado School of Medicine, Virtual.

*Food is Medicine: Innovation for Health, Equity, and Economic Impact.* Speaker, Distinguished Lecture Series, Department of Medicine, University of Louisville, Louisville, KY.

*Food Policy: Creating an Equitable, Nutritious, Sustainable, and Resilient Food System.* Panelist, Future of Health Summit, Milken Institute, Washington, D.C.

## **2022**

*Our Health, Our Planet, Our Future: The Urgent Need to Invest in Nutrition Science and Sustainable Agriculture.* Moderator, Virtual Congressional Briefing, The Friedman School of Nutrition Science and Policy at Tufts University and the Union of Concerned Scientists.

*Food as Medicine: Spotighting the Power and Innovation of the Private Sector to Improve Nutrition.* Moderator, Virtual Congressional Briefing, House Hunger Caucus, The Friedman School of Nutrition Science and Policy at Tufts University, and The Rockefeller Foundation.

*How the Other Half Eats.* Panelist, Hunger Free America, Virtual.

*Exploring #FoodIsMedicine In Health Care.* Panelist, Kaiser Permanente, Virtual.

*Nutrition Security: Critical to address hunger, food security, health, and equity.* Speaker, Western Maternal Child Health Nutrition Leadership (NLN) Conference, Virtual.

*Common Ground: What do Heart Healthy Diets Have in Common?* Bishop Keynote Lecturer, 53rd Annual Louis F. Bishop Keynote address, 71<sup>st</sup> Annual Scientific Session of the American College of Cardiology, Washington, D.C.

*Lifestyle Medicine Intensive Session I: Moving Beyond Theory to Practice Featuring the 53rd Annual Louis F. Bishop Keynote.* Panelist, 71<sup>st</sup> Annual Scientific Session of the American College of Cardiology, Washington, D.C.

*Dietary and Lifestyle Modifications to Reduce ASCVD Risk: A Trip to the Mediterranean or back to the Paleolithic Age?* Speaker, ASCVD Risk Factors and Beyond, 71st Annual Scientific Session of the American College of Cardiology, Washington, D.C.

*Food & Nutrition for Promoting Health: The Case for Urgent Systems-Level Strategies.* Speaker, 2022 Food Policy Forum, Los Angeles County Department of Public Health, Virtual.

*Pillar Three: Price.* Panelist, Responsible Food Forum, Rothschild Foundation and Tortoise Media, Virtual.

*Food as Medicine: Evidence and policy actions to integrate food and nutrition into healthcare.* Keynote Speaker, 2022 AICR Lifestyle and Cancer Symposium: Innovation to Impact, American Institute for Cancer Research, Virtual.

*The Future of Food and Nutrition: Implications for Science, Dietary Guidelines, and Food Policy.* Distinguished Speaker, University of North Carolina Department of Nutrition's 75th Anniversary, Virtual.

*Look Inside One of the Century's Most Promising Areas of Discovery: Precision Nutrition.* Speaker, Food Edge 2022 Summit, Branchfood, Virtual.

*Food as Medicine: Past, Present and Future.* Keynote Speaker, Food as Medicine Summit, Grey Green Media, Virtual.

*What Are The Biggest Obstacles in Food as Medicine Today?* Panelist, Food as Medicine Summit, Grey Green Media, Virtual.

*Where Food, Equity and the Environment Meet.* Speaker, Impact Agenda Speaker Series, Manulife/John Hancock, Virtual.

*Food as Medicine for Prevention of Chronic Diseases.* Keynote Speaker, World NCD Congress, University of Michigan, Virtual.

*Food as Medicine: Translating evidence-based nutrition research into clinical practice.* Speaker, Community and Public Health Nutrition GEM Forum - Food as Medicine: Adopting a Multidisciplinary Approach to Translate Evidence-Based Nutrition Research Into Clinical Practice, NUTRITION 2022, American Society for Nutrition, Live Online.

*Obesity in the US and the Impact of Food as Both Cause and Solution.* Speaker, Calibrate Lunch and Learns, Virtual.

*Food as Medicine: Past, Present, and Future.* Speaker, Board of Directors Meeting, International Fresh Produce Association, Virtual.

*Food is Medicine – Integrating Effective Nutrition Interventions into the Healthcare System: A Concept Whose Time Has Come.* Speaker, 2022 Nutrition and Chronic Disease Care Webinar Series, Minnesota Department of Health and a collaborative of Minnesota Managed Care Organizations.

*Food as Medicine: Dietary and Policy Priorities for Improving Health.* Speaker, Langer Lab Spring 2022 seminar series, Massachusetts Institute of Technology, Cambridge, MA.

*Food as Medicine: The Science & Policy to Leverage Nutrition in Healthcare Systems.* Speaker, Food as Medicine: Exploring the Intersection Between the Nutritional Sciences, Medicine and the Culinary Arts, Continuing Medical Education, Virginia Mason, Virtual.

*Dietary and Metabolic Fatty Acids and Cardiometabolic Health.* Speaker, Interdepartmental Nutrition Program Seminar, Purdue University, Virtual.

*Food as Medicine: Dietary Priorities and Policy Actions after the White House Conference.* Keynote Speaker, 2<sup>nd</sup> Annual "Food As Medicine" Symposium, Buffalo Niagara Medical Campus, Virtual.

*The White House Conference on Hunger, Nutrition, and Health: Translating Evidence into Action.* Speaker, Hoch Cunningham Environmental Lecture Series, Environmental Studies Program, Tufts University, Medford, MA.

*How to End Hunger, Advance Nutrition, and Improve Health: Policy Priorities after the White House Conference.* Speaker, Interest Group on Nutrition, Diabetes, and Obesity, National Academy of Medicine Annual Meeting, Washington, D.C.

*Food as Medicine: Medically Tailored Meals and Produce Prescriptions for Obesity-Related Health and Health Equity.* Speaker, Advancing Interventions for Adult Obesity to Promote Health Equity: State of the Science and Research Opportunities Workshop, National Heart, Lung, and Blood Institute, National Institutes of Health, Virtual.

*What is needed for industry to provide healthier products? What role can each group play in making this happen?* Panelist, US Index 2022 Multi-Stakeholder Launch Event, Access to Nutrition Initiative, Boston, MA.

*What's Next? One Month After the White House Conference on Hunger, Nutrition, and Health.* Panelist, Heritage Radio Network, The Food Voice, and National Food Museum, Webinar.

*Driving Solutions.* Panelist, Food Industry Collective: Commitments in Action, The Food Industry Association and Tufts University Friedman School of Nutrition Science and Policy, Washington, D.C.

*Advancing Good Food: Eliminating Hunger, Health, and Nutrition Disparities Through Bold, Equitable, and Sustainable Food Policy.* Panelist, Food Systems for the Future Institute and Harvard Law School Food Law & Policy Clinic, Virtual.

*After the White House Conference: Where Do We Go from Here?* Panelist, Hunger to Health Collaboratory Fall Summit, Boston, MA.

*The Science of Precision Nutrition for Cardiometabolic Health.* Keynote Speaker, The Science of Precision Prevention: Research Opportunities and Clinical Applications to Reduce Disparities in Cardiovascular Health Workshop, National Heart, Lung, and Blood Institute, National Institutes of Health, Virtual.

*Food is Medicine: Integrating Nutrition into Healthcare and Schools.* Speaker, TEHNS Summit on Technology, Education, Health, Nutrition, & Sustainability, Grow Local, Virtual.

*The White House Conference on Hunger, Nutrition, and Health: Translating Evidence into Action.* Speaker, Alumni and Friends - White House Conference on Hunger, Nutrition, and Health Town Hall, Tufts University, Virtual.

*Nutrition and Cancer.* Panelist, Nixon National Cancer Conference, The Richard Nixon Library Foundation, Virtual.

*How to End Hunger, Advance Nutrition, and Improve Health: Policy Priorities after the White House Conference.* Speaker, State-of-the-Science Webinar, Nutrition & Obesity Policy Research & Evaluation Network (NOPREN), University of California San Francisco's Center for Vulnerable Populations.

## **2021**

*What are the biggest issues affecting health in the U.S. today?* Discussant, How the American middle class is really doing: What the data tell us, The Brookings Institution, Virtual.

*Nutritional priorities for health: New scientific directions.* Speaker, The Third Annual Food Allergy Science Initiative Symposium, Virtual.

*Food and nutrition in a time of COVID-19: what are dietary and policy priorities?* Speaker, The Forum Club of Southwest Florida, Inc., Virtual.

*Food is Medicine: Integrating Nutrition into Health Care Systems.* Speaker, Physicians Association for Nutrition Webinar Series.

*Data-Informed Nutrition Policy and Practices.* Panelist, GeoTech Hour, Atlantic Council, Virtual.

*Foods and food policy to prevent cardiovascular disease.* Speaker, McHenry Lecture, Krannert Institute of Cardiology, Indiana University School of Medicine, Virtual.



*Reimagining U.S. Food and Nutrition Policy*. Speaker, Harkin On Wellness Symposium, Virtual.

*Resetting Food Service: Food as a Protective Factor*. Speaker, Food Service Guidelines Collaborative, Webinar Series.

*Advances in Nutritional Science*. Panelist, Healthcare Deep Dive Webinar, iSelect Fund Management, LLC.

*Health and Healthcare Impacts of Produce Prescription Programs*. Panelist, Nutrition Incentive Hub 2021 National Convening, Virtual.

*Food, Nutrition Security, Equity & Health in America with Dan Glickman*. Moderator, Tisch College of Civic Life, Tufts University, Virtual.

*Food is Health: Keys to True Advancement in Nutritional Science*. Panelist, Crusonia Conversation, Virtual.

*Building America's Nutrition Security Infrastructure*. Moderator, Congressional Briefing, Friedman School of Nutrition Science & Policy and The Rockefeller Foundation, Virtual.

*Panel on Social Health Member Initiatives*. Panelist, Community Health All Hands Meeting, Kaiser Permanente, Virtual.

*Policy Priorities for Food as Medicine and Nutrition Security*. Plenary Speaker, 2021 Division of Nutrition, Physical Activity, and Obesity's National Training, Centers for Disease Control and Prevention, Virtual.

*Food is Medicine: A Public Health Approach*. Speaker, Harvard Medical School Diabetes Update Course 2021, Live Stream.

*Designing Appropriate Medical Nutrition Therapy: Instructive Cases and Interaction With The Experts*. Panelist, Harvard Medical School Diabetes Update Course 2021, Live Stream.

*One Health*. Panelist, One Planet. One Health Virtual Event, Food Tank and Danone Institute North America.

*Nutrition Equity, Social Justice and Innovation Solutions*. Speaker, General Mills Health & Wellness Advisors Meeting 2021, Virtual.

*The Potential of Food as Medicine*. Keynote Speaker, Food as Medicine Summit, GreyGreen, Virtual.

*What is Food as Medicine and Who Needs to Know About It?* Panelist, Food as Medicine Summit, GreyGreen, Virtual.

*Tufts Food Systems Initiative: What We Know? What Needs to Be Done?* Speaker, American Society of Nutrition 2021, Live Online.

*Addressing the Critical Gaps for Successful Transformation of Food Systems*. Panelist, American Society of Nutrition 2021, Live Online.

*Nutrition and Metabolic Health in a post-COVID-19 World: Policy and Systems Priorities*. Speaker, The Association of State Public Health Nutritionists (ASPHN) Annual Conference, Virtual.

*Food as Medicine: Smart Spending for Nutrition*. Panelist, Regenerative & Organic Agriculture Virtual Conference, Food Fix Campaign and the Rodale Institute.

*White Space Innovation: Opportunities to Transform our Food System*. Panelist, IFT Summit, Institute of Food Technologists, Virtual.

*Trends in Food Sources and Diet Quality in US Children and Adults*. Speaker, National Salt and Sugar Reduction Initiative (NSSRI) Webinar.

*Our National Food Crisis: How to Fix Food for Health and Equity*. Speaker, TEDXBerkshires, Lenox, MA.

*Trends in Food Sources and Diet Quality in US Children*. Speaker, Understanding Childhood Obesity Series, Louisiana Department of Education and Pennington Biomedical Research Center, Webinar.

*New ways to understand and attack obesity*. Speaker, The Health Coverage Fellowship, Babson Park, MA.

*Updates From Across the Field*. Panelist, 2021 Food Is Medicine Coalition National Symposium, Virtual.

*Nutrition Security: Need, Definitions, and Evolving Concepts.* Speaker, Prioritizing Nutrition Security: Emerging Approaches in Research and Practice, Nutrition Security Webinar Series, National Institute of Food and Agriculture, United States Department of Agriculture.

*Food as Medicine: Integrating and Leveraging Healthy Eating into Healthcare.* Speaker, Cook County Health Virtual Grand Rounds, Stroger Hospital of Cook County.

*Achieving Nutrition Security in the United States.* Keynote Speaker, Biennial Summit on Idaho Hunger & Food Security, Virtual.

*Dietary Priorities for Obesity: Evidence and Uncertainties.* Speaker, Cardiology Grand Rounds, Mount Sinai, Virtual.

*Fighting Food Insecurity in Boston: Equitable & Actionable Approaches.* Opening Speaker, Operationalizing Health Equity Series, Health Leads' Massachusetts Advisory Council, Virtual.

*Food As Medicine - How can healthy eating be leveraged within healthcare?* Plenary Speaker, American College of Physicians Illinois Chapter Meeting, Virtual.

*Food/Nutrition Insecurity.* Panelist, Aspen Institute Joint Education/Mobility Congressional Network Briefing, Virtual.

*Food as Medicine: How can healthy eating be leveraged within healthcare?* Speaker, 2021 Virtual Family Medicine Update, University of Arkansas for Medical Sciences.

*The State of Nutrition in America 2021.* Lead Witness, Hearing, Subcommittee on Food and Nutrition, Specialty Crops, Organics, and Research, United States Senate Committee on Agriculture, Nutrition, and Forestry, Washington, D.C.

*Healthy Eating: Nutrition Facts, Myths, and Science Gaps with Dean Mozaffarian.* Speaker, Tufts University Webinar.

*Nutrition Science and Food Systems: Veggies Early & Often.* Speaker, PHA & the Food Industry: Teaming Up to Raise a Generation of Veggie Lovers, Partnership for a Healthier America, Virtual.

*Our Nation's Nutrition Crisis – and How to Fix It.* Speaker, State of Obesity 2021: Better Policies for a Healthier America, Virtual Congressional Briefing, Trust for America's Health.

*Trends in Food Sources and Diet Quality in US Children.* Keynote Speaker, Catalyzing Communities Learning Collaborative, ChildObesity180, Tufts University, Virtual.

*Nutrition in the Prevention of Cardiovascular Disease.* Speaker, Integrative Lecture Series, Scripps Cardiovascular Medicine Fellowship Program, Virtual.

*Food Labeling and Consumer Education.* Panelist, Annual Meeting of the International Food Information Council (IFIC) Assembly, Virtual.

*The Next Wave of Obesity Treatment is Here: What Employers Need to Know.* Panelist, Calibrate and Employee Health Innovation Roundtable (EHIR), Webinar.

## **2020**

*Personalized Nutrition in Diabetes & Pre-Diabetes.* Speaker, 17th Annual Natural Supplements: An Evidence-Based Update, San Diego, CA.

*Food is Medicine: Dietary & Policy Priorities For Better Health and Lower Healthcare Costs.* Speaker, Academy HPC, Massachusetts Health Policy Commission, Boston, MA.

*Beyond Single Nutrients: Health Effects of Dairy as Foods.* Speaker, USDA NIFA Workshop on Dairy Foods - Management, Production, Bioactive Components to Enhance Health, Beltsville, MD.

*Food is Medicine: Dietary and Policy Priorities for Good Health.* Spotlight talk, 2020 Lake Nona Impact Forum, Orlando, FL.

*Food for Thought: Insights on How to Address Nutrition Issues.* Panelist, 2020 Lake Nona Impact Forum, Orlando, FL.

*You Are What You Eat—Policies for a Healthy America.* Speaker, Breakfast for Members of Congress, The Aspen Institute Congressional Program, Washington, D.C.

*Food and nutrition science and policy in a time of COVID-19.* Speaker, Google Food Lab Summit, Virtual Lab.

*The Quality of Food for Managing Obesity & Diabetes: Current Evidence & Uncertainties.* Speaker, Harvard Medical School Diabetes Update Course 2020, Live Stream.

*Should I Focus on the Quantity or Quality of Food in My Patient with Type 2 Diabetes?* Panelist, Harvard Medical School Diabetes Update Course 2020, Live Stream.

*Can Diet and Nutrition Help Bend the COVID-19 Curve?* Speaker, Tufts University Webinar.

*Carbohydrate Quality: Relevant Metrics and Implications for Consumers and Policy Makers.* Speaker, American Society of Nutrition 2020, Live Online.

*Overview of Food and Nutrition Issues in an Era of COVID-19.* Speaker, American Society of Nutrition 2020, Live Online.

*How Can Produce Rx Address Food Insecurity and Build Resilience in the Midst of COVID-19?* Speaker, Produce Rx: Addressing Inequity and Promoting Health During the Pandemic and Beyond, Webinar.

*Can Food and Nutrition Bend the Curve for COVID-19?* Speaker, Healthy Food Retail Bimonthly Speaker Series, Robert Wood Johnson Foundation's Healthy Eating Research program and the Centers for Disease Control and Prevention's Nutrition and Obesity Policy Research and Evaluation Network, Webinar.

*Nutrition, Chronic Diseases, and COVID-19.* Speaker, Modeling Health: How Health Systems Can Take Action to Reduce Sugary Drinks, American Cancer Society and the Public Health Law Center, Webinar.

*Regenerative Nutrition Panel.* Panelist, Manna Tree Partners, Webinar.

*Nutrition, Metabolic Health, and Covid-19: Policy and Systems Priorities.* Speaker, Nutrition Seminar Series, Centers for Disease Control and Prevention, Webinar.

*Advancing Federal Nutrition Research to Improve America's Health.* Panelist, The Future of MTM Research, Food Is Medicine Coalition Virtual National Symposium.

*Evidence and Controversies in Dietary Management of Obesity & Diabetes.* Speaker, Rhode Island Certified Diabetes Outpatient Educators Annual Symposium, Virtual.

*Food is Medicine: dietary and policy priorities to leverage the power of nutrition security.* Speaker, Rhode Island Community Food Bank, Virtual.

*Multi-Sector Thought Leader Open Dialogue: Planning for the New Normal.* Panelist, Hunger to Health in COVID and Beyond: Food Policy as Health Policy, The Hunger to Health Collaboratory Virtual Summit.

*Food, Obesity, and Metabolic Health in a Time of COVID-19: Opportunities and Solutions.* Speaker, Living Longer and Healthier, Young President's Organization, Virtual.

*COVID-19, Nutrition, and Metabolic and Vascular Health.* Panelist, COVID-19 and Diet-Related Disease, National Food Policy Conference, Consumer Federation of America, Virtual.

*Strengthening National Nutrition Research: The Role of SNEB.* Panelist, Society for Nutrition Education and Behavior (SNEB) Webinar.

*Partnership for a Healthier America Session.* Speaker, UN Voices of Food Systems 24-Hour Global Relay Conversation, Virtual.

*Food, COVID-19, and Sensible Policy: Time to #FixFood.* Speaker, Food for Thought: A Nutrition Policy Summit, The Well, Virtual.

*Food is Medicine: Dietary Priorities and Policy Actions.* Speaker, NOPREN State-of-the-Science Monthly

Webinar Series, Centers for Disease Control and Prevention's Nutrition and Obesity Policy Research and Evaluation Network (NOPREN).

*Food is Medicine: Integrating Nutrition into Health Care.* Speaker, Cleveland Clinic Center for Functional Medicine Grand Rounds, Virtual.

*Precision Nutrition, Food as Medicine & Metabolic Disease.* Panelist, DayTwo Virtual Conference: Addressing the Slow Pandemic: Metabolic Disease in the Age of Precision Medicine.

*What makes a healthy grain? / What questions need to be addressed related to NCDs and grains?* Speaker, Chronic Disease Prevention, Barilla Science Discovery Symposium, Virtual.

*Raising a Veggie Lover with Betsy Fore & Dariush Mozaffarian.* Speaker, Human Ventures' Annual Summit, Virtual.

*Controversies in Nutrition: What Should I Tell My Patients to Eat?* Keynote Speaker, Harvard CME Course, Lifestyle Medicine in Day-to-Day Practice, Live Stream.

## **2019**

*Food as Medicine.* Panelist, National Academies Food Forum, Washington, D.C.

*A History of Nutrition Science: Implications for Current Research, Dietary Guidelines and Food Policy.* Speaker, Low Carb Denver 2019, Denver, CO.

*Appropriate Dietary Guidelines for Improving Population Health - What Does the Balance of Evidence Suggest?* Panelist, Low Carb Denver 2019, Denver, CO.

*Food as Medicine.* Speaker, 2019 Milken Institute Global Conference, Beverly Hills, CA.

*Controversies in Nutritional Management of Obesity & Diabetes.* Speaker, Harvard Medical School Diabetes Update Course 2019, Boston, MA.

*Food is Medicine: Dietary Priorities, Policy Actions, and Economic Benefits.* Speaker, 39<sup>th</sup> Annual Michael G. Wohl Memorial Medical Grand Rounds Lecture, Temple University, Philadelphia, PA.

*Starch, Sugar, and Metabolic Health.* Speaker, American Society of Nutrition 2019, Baltimore, MD.

*Strengthening Nutrition Research: The Role of a National Institute of Nutrition.* Speaker, American Society of Nutrition 2019, Baltimore, MD.

*Trans Fatty Acid Biomarkers and Incident Type 2 Diabetes: Pooled Analysis from 10 Prospective Cohort Studies in the Fatty Acids and Outcome Research Consortium (FORCE).* Speaker, American Society of Nutrition 2019, Baltimore, MD.

*The Global Nutrition Crisis: New Science, Opportunities, and Solutions.* Speaker, Rockefeller Foundation Board Meeting, New York, NY.

*Food, Elixir of Life.* Panelist, Aspen Ideas Festival 2019, Aspen, CO.

*Food is Medicine: Dietary and Policy Priorities to Solve Our National Health Crisis.* Speaker, Health Technical Exchange Meeting, MITRE Corporation, McLean, VA.

*Food is Medicine: Dietary and Policy Priorities for Cardiometabolic Health.* Speaker, 2<sup>nd</sup> Annual Kevin Graham Lecture, Minneapolis Heart Institute, Minneapolis, MN.

*Actions for the Future in Food Justice, Diet and Health, and Sustainability.* Moderator, The 50th Anniversary of The White House Conference on Food, Nutrition, and Health: New Challenges and Policy Innovation for Health, Hunger, and Sustainability, Washington, D.C.

## **2018**

*Food is medicine: addressing hunger as a health issue.* Panelist, House Hunger Caucus Food is Medicine Working Group, Washington, D.C.

*Hunger, nutrition, and the military: Are we fit to fight?* Panelist, House Hunger Caucus, Washington, D.C.

*Food is Medicine.* Plenary talk, Partnership for a Healthier America 2018 Summit Session, Washington, D.C.

*Looking ahead to the 2020 Dietary Guidelines for Americans.* Panelist, 41<sup>st</sup> National Food Policy Conference, Washington, D.C.

*Food is Medicine.* Keynote address, 41<sup>st</sup> National Food Policy Conference, Washington, D.C.

*Monosaturated Fats and Stearic Acid: Summary of Impact on Human Cardiometabolic Outcomes.* Speaker, 2018 American Oil Chemists' Society Annual Meeting & Expo, Minneapolis, MN.

*Diet and the Double Burden.* Bill & Melinda Gates Foundation Nutrition Team Retreat Learning Session, Seattle, WA.

*Controversies in Nutritional Management in Diabetes, Obesity and CV Disease.* Speaker, Harvard CME Course: Diabetes Update 2018, Boston, MA.

*Demographics, Diversity and Disparities in Nutrition Science.* Speaker, American Society of Nutrition 2018, Boston, MA.

*Innovative Policies for Food and Nutrition Assistance Programs.* Panelist, American Society of Nutrition 2018, Boston, MA.

*Dietary recommendations: How to stimulate healthy and sustainable practices?* Keynote address, International Forum on Food and Nutrition, Barilla Foundation, New York, NY.

*Private sector collaborations with academic public health: opportunities and challenges.* Panelist, Boston University School of Public Health, Boston, MA.

*Food is Medicine.* Speaker, 2018 Milken Institute Future of Health Summit, Washington, D.C.

*Food is Medicine: Dietary and Policy Priorities for a Healthier Nation.* Speaker, 2018 Food and Nutrition Conference and Expo, Academy of Nutrition and Dietetics, Washington, D.C.

*Dietary and policy priorities for obesity prevention: Current evidence and remaining controversies.* Keynote speaker, NYU Langone Comprehensive Program on Obesity Inaugural Obesity Research Summit, New York, NY.

*The Transformation of Nutrition and Policy Science: Priorities for a Food Revolution.* Presenter, Renaissance Weekend, Charleston, SC.

*Something That's Been Buggin' Me Lately.* Panelist, Renaissance Weekend, Charleston, SC.

## **2017**

*Dietary and policy priorities for obesity: are all calories created equal?* Speaker, Community Health event, Tufts University.

*Rethinking dietary fat.* Keynote speaker, Tufts Medical Grand Rounds and Clinical and Translational Science graduate program seminar, Boston, MA.

*The school food environment: The dietary and health effects of school meal standards, fresh fruit and vegetable programs, and competitive food standards.* Invited speaker, Massachusetts Health Council's Healthy Food Fuels Hungry Minds Conference, Cambridge, MA.

*Food as Medicine.* Invited speaker, Cardiovascular Disease: The impact of diet and lifestyle on cardiometabolic health, Swiss Re Institute, Cambridge, MA.

*Potential dangers of a high dietary intake of saturated fat.* Invited speaker, Obesity Medicine 2017, Seattle, WA.

*How to shape a robust, comprehensive, and advocacy-oriented research strategy.* Invited panelist, Bloomberg Philanthropies Obesity Prevention Expert Convening, New York, NY.

*Dietary fats and cardiovascular risk: A fresh look at the evidence.* Plenary talk, NYU School of Medicine Diet

and Lifestyle Strategies for Cardiovascular Risk Reduction, New York, NY.

*Nutritional risk factors for cardiovascular disease: recent findings from model analysis on policy interventions.* Plenary talk, CDC Division for Heart Disease and Stroke Prevention Science and Seminar series, Atlanta, GA.

*Innovators improving access: creating healthier links in the food chain.* Panelist, Future of Health Summit, Milken Institute, Washington, D.C.

*Are we what we eat?* Plenary talk, Renaissance Weekend, Charleston, SC.

*It's all about the heart.* Plenary talk, Renaissance Weekend, Charleston, SC.

## **2016**

*Dietary and policy priorities for obesity: are all calories created equal?* Internal Medicine Grand Rounds, Tufts Medical Center.

*Dietary risk factors for cardiovascular disease.* Plenary talk, Tufts University Medical School, Boston, MA.

*Dietary and policy priorities for obesity: are all calories created equal?* Invited speaker, Tufts University Molecular Medicine Seminar, Boston, MA.

*Dietary and policy priorities for obesity: are all calories created equal?* Plenary talk, UCLA School of Public Health, Los Angeles, CA.

*Healthy gut, healthy body?* Invited panelist, Aspen Ideas Festival 2016, Aspen, CO.

*Rethinking dietary fat.* Plenary talk, Controversies and Advances in the Treatment of Cardiovascular Disease, Cedars-Sinai Heart Institute, Beverly Hills, CA.

*Rethinking dietary fat.* Grand Rounds, School of Medicine at Mount Sinai, New York, NY.

*Common Purpose, Uncommon Lives, Transforming Healthcare.* Invited panelist, Renaissance Weekend, Charleston, SC.

## **2015**

*Diet and cardiovascular disease.* Speaker, Grand Rounds, Division of Cardiology, Tufts Medical Center, Boston, MA.

*Plasma and dietary fatty acids, diet, and cardiovascular disease prevention.* Plenary talk, Boston Heart Diagnostics advisory board meeting, Natick, MA.

*Advances in Human Nutrition.* Plenary talk, Tufts Talks Obesity: From Cell to Society. Friedman School of Nutrition Science & Policy, Tufts University, Boston, MA.

*The Friedman School-Past, Present, and Future.* Plenary talk, Friedman School of Nutrition Science & Policy, Tufts University, Boston, MA.

*Too many at the table: imagine feeding the entire world.* Invited panelist, International Women's Forum, Boston, MA.

*Evidence-based dietary policies: marketing and food environment.* Plenary talk, Finding Common Ground Conference, Boston, MA.

*Saturated fat, low-carb, fish oil-what are the real dietary priorities for cardiometabolic health?* Grand Rounds, University of California San Francisco Cardiology Grand Rounds, San Francisco, CA.

*Dairy foods, dairy fat, and cardiometabolic outcomes.* Plenary talk, Experimental Biology 2015. Whole-milk dairy foods in nutrition and health: an evaluation of the current state of the science. Boston, MA.

*A healthy approach to dietary fat consumption: understanding the science and taking action to clear up consumer confusion.* Session chair, Experimental Biology 2015. Haas Avocado Board moderator, Boston, MA.

*Dairy foods, dairy fat, and cardiometabolic outcomes.* Plenary talk, American Oil Chemist Society Annual Meeting, Orlando, FL.

*Evaluating public policy.* Panel member, AHA Advocacy Coordinating Committee. Dallas, TX.

*Dietary and policy priorities for obesity - Are all calories created equal?* Center seminar, Fred Hutchinson Cancer Research Center, Seattle, WA.

*Panel discussion on US Dietary Guidelines.* Invited panelist, Presidential Council of Advisors on Science and Technology, Washington D.C.

*Dietary priorities for obesity: are all calories created equal?* Plenary talk, Brown University, Providence, RI.

## **2014**

*Global dietary priorities and policies to improve cardiometabolic health.* School-wide seminar, Friedman School of Nutrition Science & Policy, Tufts University, Boston, MA.

*Dietary priorities for preventing obesity-are all calories created equal?* Center-wide seminar, Human Nutrition Research Center on Aging, Tufts University, Boston, MA.

*Chocolate and heart health: Too good to be true?* Plenary talk, 12th Annual CVD Prevention International Symposium 2014, Baptist Health South Florida, Miami Beach, FL.

*The global burden of cardiovascular mortality due to salt and sugar consumption.* Plenary talk, 12th Annual CVD Prevention International Symposium 2014, Baptist Health South Florida, Miami Beach, FL.

*Fish consumption: mercury exposure? farm raised vs. wild? warm water vs. cold? What's a consumer to do?* Plenary talk, 12th Annual CVD Prevention International Symposium 2014, Baptist Health South Florida, Miami Beach, FL.

*Diet and cardiometabolic risk: How to make sense of the evidence.* Keynote speaker, Integrative Vascular Biology and McAllister Heart Institute Annual Research Symposium, University of North Carolina, Chapel Hill, NC.

*Diet and cardiometabolic risk: New evidence and insights.* Distinguished Visiting Professor, Heart and Vascular Center of Excellence, Wake Forest School of Medicine, Winston-Salem, NC.

*The differences between epidemiologic and evidence-based metabolic studies.* Plenary talk, The American Society of Bariatric Physicians Spring 2014 Conference, Philadelphia, PA.

*Diet and cardiometabolic risk: New evidence and insights.* Department seminar, University of Massachusetts Lowell, Clinical Laboratory and Nutritional Sciences Colloquium, Lowell, MA.

*Dietary quality, obesity, and metabolic risk-are all calories created equal?* Plenary talk, Beth Israel Deaconess Medical Center Cardiovascular Seminar Series, Boston, MA.

*Impact of sugar sweetened drinks on global mortality.* Plenary talk, National Soda Summit 2014, National Press Club, Washington, D.C.

*Fat quality vs. fat quantity--What matters more?* Plenary talk, American Diabetes Association's 2014 Scientific Sessions, San Francisco, CA.

*VFHK policy levers and policy priorities.* Plenary talk, Voices for Healthy Kids Annual Policy Research Summit, Raleigh, NC.

*Dietary fats and heart health.* Featured speaker, Cargill webinar for the American Association of Cereal Chemists International, Plymouth, MN.

*Assessing global dietary habits – a comparison of national estimates from the UN Food and Agricultural Organization and the Global Dietary Database.* Plenary talk, Harvard University Center for the Environment workshop on marine fisheries, food security, and human nutrition, Boston, MA.

*Prevention priorities in the United States: Results from a review of literature and recommendation for the future.* Keynote speaker, Sackler Institute for Nutrition Science Workshop, New York, NY.

*Risks and benefits of fish consumption for cardiovascular diseases.* Plenary talk, EPA 2014 National Forum on

Contaminants in Fish, Alexandria, VA.

*Dietary quality, obesity, and metabolic risk: Are all calories created equal?* Keynote speaker, Biennial Cardiovascular Symposium, Asheville, NC.

*Dietary priorities for cardiovascular disease: Making sense of the evidence.* Grand Rounds, Mt. Sinai Hospital Cardiology grand rounds, New York, NY.

### **2013**

*Advice to promote heart-healthy eating and optimize cardiovascular nutrition.* Plenary talk, Cardiovascular Medicine: Review and Update for the Practitioner, Brigham and Women's Hospital, Boston, MA.

*Can grains provide heart health and weight maintenance benefits?* Plenary talk, Bunge Scientific Summit on Grains and Health, White Plains, NY.

*The global, regional, and national impact of sodium consumption on cardiovascular mortality.* Plenary talk, Research Colloquium on Cardiovascular Research, Colorado State University, Denver, CO.

*The global impact of dietary habits on cardiovascular diseases: Comparative burdens and opportunities for prevention.* Grand Rounds, Cardiovascular Research Institute, Oregon Health Sciences University, Portland, OR.

*Emerging science in saturated and polyunsaturated fat.* Plenary talk, Unilever Scientific Advisory Meeting, Englewood Cliffs, NJ.

*Dietary fats, foods, and type 2 diabetes: What effects are independent of weight gain?* Plenary talk, Scientific Sessions, American Society for Nutrition, Boston, MA.

*Prospective cohort studies and randomized controlled trials on omega-3 fatty acids and cardiovascular diseases.* Plenary talk, Linus Pauling Institute Seventh Biennial Conference on Diet and Optimum Health, Oregon State University, Corvallis, OR.

Chair, The Agriculture and Health Nexus. Plenary talk, Chicago Council on Global Affairs: Global Food Security Symposium, Washington D.C.

*Drawing heart failure management lessons from population science research.* Plenary talk, NHLBI and NIH Office of Dietary Supplements Working Group: Designing Clinical Studies to Evaluate the Role of Nutrition and Diet in Heart Failure Management, Bethesda, MD.

*The global, regional, and national impact of sodium consumption on cardiovascular mortality.* Grand Rounds, Public Health Grand Rounds, University of Rochester Medical Center, Rochester, NY.

Breakout Group Facilitator Session leader, American Heart Association Sodium Conference, Arlington, VA.

*Overview of nutritional policies to reduce metabolic risk.* Plenary talk, American Diabetes Association Scientific Sessions, Chicago, IL.

*Evidence for population-based dietary policies, including obesity prevention.* Plenary talk, Lancet Commission for Investing in Health / Disease Control Priorities Project / Harvard Global Health Institute, Cambridge, MA.

*Taxes and subsidies on foods and beverages.* Plenary talk, Lancet Commission for Investing in Health / Disease Control Priorities Project / Harvard Global Health Institute, Cambridge, MA.

*Saturated fat and heart disease: A review of the evidence.* Omega-3 fatty acids and cardiovascular diseases. Keynote speaker, Cargill Live Webinar – Impact of Saturates and Omega-3s on Heart Health.

*Omega-3's and CVD: Evidence from observational studies and clinical trials.* Plenary talk, Amarin Scientific Summit Meeting, Houston, TX.

*Subject matter expert, micronutrient supplements.* Invited workshop subject discussant, Micronutrient Supplement Summit, Institute of Human Nutrition, Columbia University, New York, NY.

*Fish and seafood: Scientific advances to support food-based guidelines.* Cardiovascular seminar, American Heart Association Scientific Sessions, Dallas, TX.



*Omega-3's and cardiovascular randomized controlled trials: Progress and short-comings.* Cardiovascular seminar, American Heart Association Scientific Sessions, Dallas, TX.

*Dietary and pharmacological interventions for prevention of atrial fibrillation.* Cardiovascular seminar, American Heart Association Scientific Sessions, Dallas, TX.

*Dietary fat and heart health.* Keynote speaker, 11th Annual Society for Heart and Vascular Metabolism conference, Cambridge, MD.

## **2012**

*Diet for a healthy heart and global cardiovascular disease prevention.* School-wide seminar, Friedman School of Nutrition Science & Policy, Tufts University, Boston, MA.

*The global burden of chronic diseases attributable to dietary habits.* Institute seminar, Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA.

*New advances in our understanding of the cardioprotective diet.* Plenary talk, 4th Annual Advances in Heart Disease Prevention and Rehabilitation, Beaumont Health System, Auburn Hill, MI.

*Improving cardiovascular health with omega-3's: the scientific evidence.* Plenary talk, Global Organization for EPA and DHA Omega 3 Fatty Acids (GOED) Exchange 2012, Boston, MA.

*Dairy consumption and risk of diabetes.* National webinar, Dairy Research Institute webinar, USA.

*Population approaches for improving diet and physical activity: What is the evidence?* Plenary talk, American Heart Association Scientific Sessions, Industry Nutrition Advisory Panel, Los Angeles, CA.

*Long-chain fatty acids: the good, the bad, and the ugly.* Cardiovascular seminar, American Heart Association Scientific Sessions, Los Angeles, CA.

*Chocolate and heart health: Is it as good as we hope?* Cardiovascular seminar, American Heart Association Scientific Sessions, Los Angeles, CA.

## **2011**

*Changes in diet and lifestyle and long-term weight gain in women and men.* Plenary talk, Nutrition Round Table, Harvard School of Public Health.

*Policy approaches to reduce the burden of chronic diseases in the US and globally.* School-wide forum, Chronic Disease: from Research to Policy, Harvard School of Public Health.

*Nutritional measures to curb the pandemic of overweight, metabolic syndrome, and obesity.* Plenary talk, Cardiovascular Medicine: Review and Update for the Practitioner, Brigham and Women's Hospital.

*Diet and global burdens of chronic diseases.* Plenary talk, Weatherhead Center for International Affairs' Workshop on the Sustainability of the World's Food and Farming Systems, Harvard Kennedy School Center for International Development, Cambridge, MA.

*Fish oil, omega-3 fatty acids, and cardiovascular health.* Grand Rounds, Division of Cardiology, Boston Medical Center, Boston, MA.

*Four legs? Two legs? No legs? What's the best protein source and why?* Plenary talk, Worlds of Health Flavors, Napa, CA.

*Current intakes of dietary omega-3 fatty acids and impact on health.* Plenary talk, American Society for Nutrition Scientific Sessions, Washington, D.C.

*Dietary fats, carbohydrates, and cardiometabolic health.* Plenary talk, Food Technology, Innovation, and Safety Summit, Chicago, IL.

*Trans fatty acids, cardiometabolic health, and public policy.* Division seminar, Division for Heart Disease and Stroke Prevention, Centers for Disease Control and Prevention, Atlanta, GA.

*Nutrition and global burden of chronic diseases.* Department seminar, Department of Global Health, University

of Washington School of Public Health, Seattle, WA.

*Diet and cardiometabolic risk – News insights and priorities.* Teaching conference, Division of Cardiology, University of Washington School of Medicine, Seattle, WA.

*Diet for a healthy heart and global cardiovascular disease prevention.* Plenary talk, The World Bank, Washington, D.C.

*Dietary quality, lifestyle, and the prevention of long-term weight gain.* Department seminar, Stanford Prevention Research Center, Stanford University, Palo Alto, CA.

*Dietary fats and cardiovascular diseases.* Cardiovascular seminar, American Heart Association Scientific Sessions, Orlando, FL.

*Starting a research career in the field of nutrition.* Early career seminar, American Heart Association Scientific Sessions, Orlando, FL.

*Polypill versus polymeal policies for CVD prevention in low and middle income countries.* Plenary debate, American Heart Association Scientific Sessions, Orlando, FL.

Panelist, *Living Well to 100*. Moderator, *The Way to Live*. Presenter, *Avoiding Strokes*. Panelist, Moderator, Presenter, Renaissance Weekend, Charleston, SC.

## **2010**

*Nutrition and global burden of chronic diseases.* Plenary talk, Nutrition and Global Health, 12th Annual Postgraduate Nutrition Symposium, Harvard School of Public Health.

*Health benefits and risks of fish consumption.* Plenary talk, Oldways Seafood and Health Conference, Cambridge, MA.

*Fats, oils, and American menus: What does the science say about fats & oils in the American diet.* Plenary talk, Worlds of Health Flavors, The Culinary Institute of America, Napa, CA.

*Cardiovascular risks and benefits of fish consumption - Qualitative and quantitative risk-benefit assessment.* Departmental seminar, Northwest Fisheries Science Center Weekly Seminar Series, US National Oceanic and Atmospheric Association (NOAA), Seattle, WA.

*Highlights on new research of health effects of fats and oils.* Plenary talk, American Oil Chemists Society Annual Meeting, Phoenix, AZ.

*Evidence for the heart health benefits of a fish-rich diet.* Plenary talk, U.S. Environmental Protection Agency, New England office, Boston, CA.

*The optimal diet to prevent CVD: What is the role of saturated fat?* Plenary talk, National Lipid Association Clinical Lipid Update, Washington, D.C.

*The optimal diet to prevent CVD: What is the role of saturated fat?* Plenary talk, Health Effects of Dietary Fatty Acids Symposium, Wayne State University, Detroit, MI.

*Coronary heart disease: Effects of added sugars and refined carbohydrates.* Plenary talk, Bunge Scientific Summit on Added Sugars, White Plains, NY.

*The great fat debate: Is saturated fat a risk factor for heart disease?* Plenary talk, American Dietetic Association Food and Nutrition Conference, Boston, MA.

*Diet and health: A time for food.* Plenary talk, Mediterranean Diet and Health, Rollins School of Public Health, Emory University, Atlanta, GA.

*Omega-3 fatty acids and post-operative atrial fibrillation.* Division meeting, Cardiothoracic Surgery Division, Washington University St. Louis, MO.

*Diet and health: A time for food.* Plenary talk, Mediterranean Diet: a Healthy Italian Style, Italian Consulate of New York, New York, NY.

## **2009**

*Global dietary habits and the burden of cardiovascular diseases and cancer.* Community Forum, Dean's Office, Harvard School of Public Health.

*Fish oil and cardiovascular health.* Plenary talk, Cardiovascular Medicine: Review and Update for the Practitioner, Brigham and Women's Hospital.

*Health risks and benefits of fish consumption.* Plenary talk, Nutrition Round Table, Harvard School of Public Health.

*The impact of diet on the global burden of cardiovascular diseases.* Plenary talk, Harvard Initiative for Global Health. Cardiovascular Disease in Developing Countries: Moving Forward.

*Global dietary habits and the burden of cardiovascular diseases.* Framingham Research Conference, Framingham Heart Study, Framingham, MA.

*Omega-3 fatty acids for cardiovascular disease prevention: What is the evidence?* Plenary talk, Cardiovascular Disease Prevention 7th Annual Comprehensive Symposium, Baptist Health South Florida, Coral Gables, FL.

*The trans fat story: Clinical and policy implications.* Plenary talk, Cardiovascular Disease Prevention 7th Annual Comprehensive Symposium, Baptist Health South Florida, Coral Gables, FL.

*Lifestyle risk factors and new-onset diabetes mellitus in older adults.* Plenary talk, American Heart Association Cardiovascular Disease Epidemiology and Prevention/Nutrition, Physical Activity, and Metabolism Conference, Palm Harbor, FL.

*Emerging global dietary habits and the burden of cardiovascular diseases.* Plenary talk, Institute of Medicine Committee on Preventing the Global Epidemic of Cardiovascular Disease: Meeting the Challenges in Developing Countries, Washington D.C.

*Saturated fat intake and CHD risk: What is the scientific evidence?* Plenary talk, American Oil Chemists Society Annual Meeting, Orlando, FL.

*Omega-3 fatty acids and coronary heart disease.* Plenary talk, 35th Annual Summer Meeting of The Toxicology Forum, Aspen, CO.

*Polyunsaturated fat intake and risk of heart failure.* Plenary talk, Heart Failure Society of America 13th Annual Scientific Meeting, Boston, MA.

*Trans fatty acids: Effects on cardiometabolic health and implications for policy.* Plenary talk, Nutrition & Aging Conference, Central Arkansas Veterans Healthcare System and Donald W. Reynolds Institute on Aging, University of Arkansas for Medical Sciences, Little Rock, AK.

*Contribution of nutritional factors to type 2 diabetes.* Plenary talk, International Chair on Cardiometabolic Risk 8th Annual Meeting, Boston, MA.

*Fish, omega-3's, and cardiovascular health.* Plenary talk, Lillian Foundation-Smith Conference, Denver, CO.

*Nutrition, obesity, and inflammation.* Plenary talk, American Dietetic Association Food and Nutrition Conference, Denver, CO.

*Lifestyle risk factors for CVD: State of the science.* Sunday morning program, American Heart Association Scientific Sessions, Orlando, FL.

*Anti-oxidant supplements: Lessons learned – the epidemiology.* Cardiovascular seminar, American Heart Association Scientific Sessions, Orlando, FL.

*Health implications of switching from partially hydrogenated oils to saturated fat.* Plenary talk, Bunge Scientific Summit on Saturates and Health, White Plains, NY.

## **2008**

*Trans fatty acids, cardiometabolic health, and implications for policy.* Research Seminar, Harvard Prevention

Research Center, HSPH.

*Trans fatty acids: Effects on cardiometabolic health and implications for policy.* Grand Rounds, Division of Cardiovascular Medicine, BWH.

*Trans fatty acids and cardiovascular health: Quantifying effects based on RCTs vs. observational studies.* Clinical Research Lecture Series, Washington University School of Medicine, St. Louis, MO.

*Methylmercury, fish consumption, and cardiovascular health.* Research seminar, University of Missouri Research Reactor, Columbus, MO.

*Fish oil therapy in the management of dyslipidemia.* Plenary talk, American College of Cardiology Annual Scientific Session, Chicago, IL.

*Coronary heart disease mega-trials.* Session chair, International Society for the Study of Fatty Acids and Lipids, 8th International Meeting, Kansas City, MO.

*Trans fatty acids: Cardiovascular effects and molecular mechanisms.* Plenary talk, International Society for the Study of Fatty Acids and Lipids, 8th International Meeting, Kansas City, MO.

*Fish and fish oil consumption and cardiovascular disease.* Plenary talk, International Life Sciences Institute: Toward Establishing Dietary References for Omega-3 Fatty Acids, Washington D.C.

*Dietary trans fats: effects on the heart, adiposity, and insulin resistance.* Plenary talk, American Diabetes Association Scientific Sessions, San Francisco, CA.

*Fish intake, contaminants, and human health.* Plenary talk, Florida Dietetic Association Annual Symposium, Coral Gables, FL.

*Trans fatty acids and cardiovascular disease: Clinical and policy implications.* Plenary talk, 17th Annual Lipid Disorders Training Center Programs, Johns Hopkins University, Baltimore, MD.

*Healthy you, Healthy Planet: Fish intake, contaminants, and human health - balancing risks and benefits.* Plenary talk, American Dietetic Association Food and Nutrition Conference, Chicago, IL.

*Mediterranean diet, lifestyle risk factors, and incidence of diabetes in patients with recent MI.* Plenary talk, 15th Anniversary Mediterranean Diet Conference, Boston, MA.

## **2007**

*Nutrition.* Session chair, American Heart Association Conference on Cardiovascular Epidemiology and Prevention, Orlando, FL.

*Trans fatty acids and cardiovascular disease, diabetes, and obesity.* Plenary talk, Symposium on Trans Fatty Acids, Wayne State University, Detroit, MI.

*Cardiovascular benefits of omega-3 and omega-6 fatty acids.* Plenary talk, National Lipid Association Scientific Sessions, , Scottsdale, AZ.

*Health effects of fish consumption.* Opening plenary talk, National Marine Aquaculture Summit, U.S. National Oceanic and Atmospheric Administration, Washington, D.C.

*Potential role of omega-3 fatty acids in prevention of sudden death.* Plenary talk, Beyond Cholesterol: Prevention and Treatment of Coronary Heart Disease with Omega-3 Fatty Acids, Columbia University, New York, NY.

*Trans fatty acids and cardiovascular disease.* Plenary talk, 16th Annual Lipid Disorders Training Center Programs, Johns Hopkins University, Baltimore, MD.

*Balancing the health benefits and risks of fish consumption.* Plenary talk, University of New Hampshire Conference on Seafood – Exploring Benefits and Risks, NH.

*Fish consumption and cardiovascular risk.* Plenary talk, U.S. Environmental Protection Agency, National Forum on Contaminants in Fish, Portland, ME.

*Incidence of new-onset diabetes and impaired fasting glucose in patients with recent MI: Effects of clinical and*

*lifestyle factors*. Plenary talk, Network for Continuing Medical Education, Cardiometabolic E-Journal Club.

## **2006**

*Fish, n-3 fatty acids, and cardiovascular health – Current evidence for risks and benefits*. Grand Rounds, Division of Cardiovascular Medicine, BWH.

*Trans fatty acids and cardiovascular disease: The current evidence*. Grand Rounds, Division of Cardiology, Boston Medical Center, Boston, MA.

*Dietary habits and cardiovascular disease prevention*. Chief of Medicine Rounds, Department of Medicine, Puget Sound Veterans Affairs Health Care Center, Seattle, WA.

*Fish, contaminants, and cardiovascular health – Clearing up confusion about risks and benefits*. Research conference, Division of Cardiology, University of Washington School of Medicine, Seattle, WA.

*Obesity and Lifestyle*. Session chair, American Heart Association Conference on Cardiovascular Epidemiology and Prevention, Phoenix, AZ.

*Fish, contaminants, and human health – evaluating the risks and benefits*. Research seminar, Department of Health Research and Policy, Stanford University, Stanford, CA.

*Trans fatty acids and cardiovascular disease: Current evidence*. Cardiopulmonary research seminar, Division of Cardiovascular Medicine, Stanford University, Stanford, CA.

*Trans fatty acids and cardiovascular disease*. Plenary talk, 15th Annual Lipid Disorders Training Center Programs, Johns Hopkins University, Baltimore, MD.

*Should EBCT or MSCT be used to screen patients for CAD?* Plenary talk, Transcatheter Cardiovascular Therapeutics (TCT) Annual Meeting, Washington D.C.

*Trans fatty acids – Impact on cardiovascular health in the U.S.* Plenary talk, Affairs of the Heart: Beyond LDL Cholesterol, Medical Society of Delaware, Newark, DE.

*Risk and benefits of fish consumption*. Featured speaker, National Academy of Sciences/Institute of Medicine Press Conference, Washington Press Club, D.C.

*Trans fatty acids: The impact on cardiovascular disease, diabetes, and obesity*. Plenary talk, Endocrine Days Educational Institute, Seattle, WA.

*Risk and benefits of fish consumption*. Featured speaker, National Academy of Sciences/Institute of Medicine Press Conference, Washington Press Club, D.C.

## **2005**

*Fish intake, atrial fibrillation, and insights into potential mechanisms of effect*. Grand Rounds, Division of Cardiology, BIDMC.

*Trans fatty acids and cardiovascular health*. Plenary talk; Hot Topics Symposium, American Oil Chemists Society Annual Meeting, Salt Lake City, UT.

*Health disparities*. Session chair, American Heart Association Conference on Cardiovascular Epidemiology and Prevention, Washington, D.C.

*Fish and cardiovascular health – the current evidence, uncertainties, and unanswered questions*. Plenary talk, Institute of Food Technologists Annual Meeting, New Orleans, LA.

*Fish and cardiovascular benefits*. Plenary talk, National Oceanic and Atmospheric Administration (NOAA) Seafood and Health Meeting, Washington, D.C.

## **2004**

*Lifestyles of older adults: Can we influence cardiovascular risk in older adults?* Plenary talk, American Heart Association Scientific Sessions, New Orleans, LA.

## **2003**

*Statin therapy in congestive heart failure.* Grand Rounds, Division of Cardiology, University of Washington.

## **International:**

## **2023**

*Moving Towards Nutrition Security.* Panelist, World Economic Forum Annual Meeting, Davos-Klosters, Switzerland.

*Unlocking the Value of Nutrition.* Speaker, World Economic Forum Annual Meeting, Davos-Klosters, Switzerland.

*Food as Medicine: Evidence and Policy Actions to Integrate Food and Nutrition into Healthcare.* Speaker, Translating Nutrition Evidence into Practice, Policy, and Innovation & Training Future Leaders in Nutrition and Health: Joint Nutrition Forum by School of Public Health at Fudan University and Friedman School of Nutrition Science and Policy at Tufts University, Shanghai, China, Virtual.

*The history of modern nutrition science—implications for current research, dietary guidelines & food policy.* Speaker, Cardiology, Diabetes & Nephrology at the Limits, The Royal College of Physicians, London, United Kingdom.

*Food is Medicine to advance food and nutrition security and health equity.* Speaker, first Nutrition Congress of Iranian Society of Nutrition, Tehran, Iran, Virtual.

*Food is Medicine: Innovations to Integrated Food-Based Nutrition Interventions in Healthcare Systems.* Speaker, National Conference on Nutrition, Ministry of Health of Ukraine, the Public Health Center, and the Association of Dietitians of Ukraine, Lviv, Ukraine, Virtual.

*Lifestyle modification and nutrition are the key targets for reducing cardiovascular and stroke death and should be prioritised (above novel lipid lowering treatment).* Debater, Health inequality in cardiovascular disease: how can we level up?, NHS Innovation (UK), and Liverpool University Hospitals NHS Foundation Trust, Liverpool, United Kingdom, Virtual.

*Controversies around the Foods we choose: Latest in Dietary Intake and health, measurement and population changes.* Plenary Speaker, Vascular 2023, Canadian Cardiovascular Society, The Canadian Society of Endocrinology and Metabolism, CanVECTOR, Diabetes Canada, Diabete Québec, and Thrombosis Canada, Montreal, Canada.

## **2022**

*Food as Medicine – Implications for Research, Guidelines and Policy.* Speaker, 20<sup>th</sup> Congress of the International Society of Renal Nutrition and Metabolism, Guangzhou, China, Virtual.

*Food as Medicine: Evidence-based policy and innovation to reduce diabetes and cardiovascular diseases in the US and globally.* Speaker, Seminar Series, BK21 FOUR Education and Research Team for Sustainable Food & Nutrition Global Scholar Seminar, Seoul National University, Korea, Virtual.

*A Novel Nutrient Profiling System: Challenges and Opportunities for Comprehensive Food Scoring.* Keynote Speaker, Japanese Society of Hypertension Annual Meeting, Kyoto, Japan, Virtual.

*Session 3: Governance.* Panelist, Inclusive Diets within Planetary Boundaries, Cell Press Lablinks, Beijing, China, Virtual.

## **2021**

*Dietary and policy priorities to reduce the global crises of obesity and diabetes.* Speaker, Congress of Nutrition in Croatia, Zagreb, Croatia, Virtual.

*Tufts Food Systems Initiative.* Speaker, Transforming Food Systems Roundtable, EAT and Tufts University, Virtual.

*Are We What We Eat?* Panelist, Fifth International Vatican Conference, Virtual.

*Defining and Prioritizing Next Steps for Identifying a Global Metric for Monitoring of Healthy Diets.* Participant, Technical Consultation on Measuring Healthy Diets: Concepts, Methods, and Metrics, World Health Organization, UNICEF, and Food and Agriculture Organization of the United Nations, Virtual.

*Food as Medicine: unlocking a healthier future.* Keynote speaker, Food as medicine: technological innovations unlocking a healthier future, Reference Capital Sustainability Series, Virtual.

*The future of nutritional medicine: how new technologies are unleashing the power of food to heal our bodies and minds.* Participant, Food as medicine: technological innovations unlocking a healthier future, Reference Capital Sustainability Series, Virtual.

*Food Prescription.* Speaker, MSO Symposium 2021: Evolving, Growing and Transforming Medical and Dental Practice, Virtual.

*Effects of Dairy Foods on Obesity and Cardiometabolic Health: Time to Move Beyond Single Nutrients.* Keynote speaker, Arla Food for Health Conference, Virtual.

*Nutrition Science: Past History, Current State, Future Directions.* Speaker, Hungry for change: Food systems for nutrition and health, Nature Food and Springer Nature, Virtual.

*Nutrition: challenges and capabilities.* Panelist, Hungry for change: Food systems for nutrition and health, Nature Food and Springer Nature, Virtual.

*ESG-approaches to nutrition financing?* Discussion Starter, Driving Innovation in Nutrition Financing: A Roundtable Discussion, Tokyo Nutrition for Growth (N4G) Summit 2021 Side-Event, World Bank Group, and The Government of Japan, Virtual.

*Leveraging Food as Medicine to Improve the Health of Patients and the Population – Dietary Management for Cardiometabolic Health.* Speaker, 2021 Food as Medicine Update, Faculty of Medicine, University of Toronto, Virtual.

*Food as Medicine to Improve the Health of Patients and the Population.* Panelist, 2021 Food as Medicine Update, Faculty of Medicine, University of Toronto, Virtual.

*Food as Medicine: Dietary and Policy Priorities to Leverage Nutrition in Health Care.* Opening Lecture, 10<sup>th</sup> Annual Congress of the Foundation Voeding Lefteft, Virtual.

*Health effects of TFA and the evidence for healthier alternatives.* Speaker, Towards a Trans-Fat Free Argentina: evidence and standards, Webinar, Interamerican Heart Foundation - FIC Argentina.

*Food and nutrition policy for diabetes prevention.* Speaker, Control and prevention of diabetes and co-morbidities: evidence and public policy to address Non-Communicable Diseases (NCD), Virtual Academic Series, Mexican Health Foundation (FUNSALUD), and the Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán (INCMNSZ).

## **2020**

*What did we learn from Food for Thought 2018.* Panelist, Food for Thought 2020, Virtual.

*Improving nutritional research and conflicts of interest.* Moderator, Food for Thought 2020, Virtual.

*A history of nutrition science: implications for current research, dietary guidelines and food policy.* Speaker, Congress of Portuguese Association of Nutrition, Online.

*Advances in nutrition science: New priorities and remaining controversies.* Speaker, Westlake University, Hangzhou, China, Virtual.

*Pharma to Food: The Role of Nutrition in Managing Chronic Disease.* Speaker, Future Food Tech Summit, Virtual.

*Food & Nutrition in a Post-COVID-19 World: Challenges and Opportunities.* Moderator, Future Food Tech Summit, Virtual.

*Food, COVID-19, and Sensible Policy: Time to #FixFood.* Speaker, World Food Day Webinar, The George Institute for Global Health, Newtown, Australia.

*Diet, Nutrition and Cardiovascular Disease.* Speaker, Healthy Lifestyle for Cardiovascular Health: Healthy Diet, Great Wall International Congress of Cardiology 2020, China, Virtual.

## **2019**

*A History of Modern Nutrition Science: Implications for Research, Dietary Guidelines, and Food Policy.* Speaker, Dutch Dairy Association, Utrecht Group Meeting, Utrecht, The Netherlands.

## **2018**

*Dietary priorities for obesity: Are all calories created equal?* Cardiology Rounds, McMaster University, Ontario, Canada.

*Food is Medicine.* Speaker, Yogurt In Nutrition Symposium, Mexico City, Mexico.

*A history of nutrition science: Implications for current research, dietary guidelines and food policy.* Speaker, Food for thought: The science and politics of nutrition, Centre for Global Dialogue, Rüslikon, Switzerland.

*Dietary prevention of chronic metabolic diseases: single-nutrient and popular diets vs whole dietary patterns.* Speaker, EFSA Conference 2018 – Science, Food & Society, Parma, Italy.

*Advancing Risk Assessment Science - Nutrition.* Panelist, EFSA Conference 2018 – Science, Food & Society, Parma, Italy.

## **2017**

*The great accelerator: data collaboration to close SDG data gaps.* Invited Panelist, Stockholm EAT Food Forum Competence Forum, Stockholm, Sweden.

*State of the world: How to change consumer behavior and health at scale.* Plenary talk, Stockholm EAT Food Forum, Stockholm, Sweden.

## **2016**

*Dietary & policy priorities for obesity: Are all calories created equal?* Plenary talk, Bradford Hill Lecture, MRC Epidemiology Unit, University of Cambridge, UK.

*A global perspective in preventing cardiovascular disease from discovery to policy.* Plenary talk, The Lancet Lecture, At the Limits, Royal College of Physicians, London, UK.

## **2015**

*Saturated fat and trans-fatty acids, serum cholesterol and coronary heart disease.* Keynote speaker, Daan Kromhout Farewell Symposium, Wageningen, Amsterdam.

*The future of nutrition: science, business, and policy.* Plenary talk, Nestle Corporation. Geneva, Switzerland.

*Saturated fat, low-carb, fish oil, trans fat-what are the true dietary priorities for cardiometabolic health?* Keynote speaker, Nutrition and the Heart Congress, Leiden, The Netherlands.

*Counting calories, changing behavior: Practical tips and strong policies for a healthful diet.* Keynote speaker, Nutrition and the Heart Congress, Leiden, The Netherlands.



*The future of nutrition: science, business, and policy.* Plenary talk, Dupont Corporation, The Netherlands.

*Dietary fats, the SAFA debate, and vegetable PUFA.* Plenary talk, Unilever, The Netherlands.

*Counting calories? Modern evidence on dietary and policy priorities to prevent obesity.* Plenary talk, University of Liverpool, Liverpool, UK.

*Meat consumption and health.* Plenary talk, University of Nottingham, Nottinghamshire, UK.

*Targeting lifestyle to optimally manage cardiovascular risk.* Plenary talk, ICCR, Quebec City, Quebec.

## **2014**

*EPA/DHA and risk of cardiovascular diseases and stroke.* Plenary talk, DHA/Omega-3 for Health Symposium, University of Guelph, Toronto, Ontario, Canada.

*Macronutrient intakes in low, middle, and high income countries.* Plenary talk, Consensus Conference on Nutrition: A Joint Conference of the World Heart Federation and Canadian Academy of Health Sciences, Hamilton, Ontario.

*Global burden of disease attributable to sugar sweetened beverages.* Plenary talk, National Institute of Genomic Medicine, Tlalpan, Mexico.

*Global burden of disease attributable to sugar sweetened beverages.* Keynote speaker, National press conference, Mexico City, Mexico.

*Foods, obesity, and diabetes-are all calories created equal?* Plenary talk, Nestle Nutrition Conference, Mexico City, Mexico.

## **2013**

*Perspectives on salt and fat reduction strategies from the United States.* Plenary talk, Consultation on Developing Strategic Directions for Salt and Fat Reduction, World Health Organization, Cairo, Egypt.

*Diet and cardiometabolic health: Is saturated fat the villain?* Plenary talk, Advances in Fats and Nutrition, Canadian Nutrition Society and the University of Guelph, Toronto, Canada.

*Omega-3's and cardiovascular health: How strong is the evidence?* Plenary debate, American Oil Chemists Society Annual Meeting, Montreal, Canada.

*Dietary quality and obesity: Are all calories the same?* Plenary talk, Canadian Obesity Network Summit, Vancouver BC, Canada.

*Global impact of dietary sodium on CVD mortality. Research seminar, Spanish National Cardiovascular Research Center (CNIC) Seminar Series, Madrid, Spain.*

*Monounsaturated fatty acids and health: Scientific evidence.* Plenary talk, IUNS 20th International Congress of Nutrition, Granada, Spain.

*Global burden of cardiometabolic diseases due to sweetened beverages.* Plenary talk, XXIV Interamerican Congress of Cardiology, Buenos Aires, Argentina.

Balancing the discussion on dietary fats, protein and iron. Plenary talk, Webinar, Ontario Pork, Canada.

## **2012**

*Functional foods and cardiometabolic risk reduction.* Plenary talk, Scientific Intersession, World Congress of Cardiology, Dubai, United Arab Emirates.

## **2011**

*Dietary fats, carbohydrates, and cardiometabolic health.* Department seminar, Institute for Clinical Effectiveness and Health Policy, Buenos Aires, Argentina.

*Improving diet quality: From carbohydrate quality to dietary patterns.* Plenary talk, 2nd International Congress on Abdominal Obesity, Buenos Aires, Argentina.

*Seafood safety and dietary guidelines.* Plenary talk, National Institute of Nutrition and Seafood Research, Bergen, Norway.

*Dietary fats, carbohydrates, and cardiometabolic risk: New insights.* Plenary talk, 2nd International Summit on Ischemic Heart Disease, Pisa, Italy.

*Epidemiologic concepts and multivariable modeling: A seminar series.* Department seminar, Mario Negri Institute South, Santa Maria Imbaro, Italy.

*Fatty acids and cardiovascular health.* Department seminar, Mario Negri Institute, Milan, Italy.

*Saturated fatty acids and cardiovascular health.* Plenary talk, Eurofed Lipid Congress, Rotterdam, The Netherlands.

*Trans-palmitoleic acid, metabolic risk factors, and new-onset diabetes.* Plenary talk, Eurofed Lipid Congress, Rotterdam, The Netherlands.

*Omega-6 fatty acids and cardiovascular disease.* Plenary talk, Italian Society for the Study of Atherosclerosis, Rome, Italy.

*Health risks and benefits of fish consumption.* Plenary talk, Webinar, Norwegian Seafood Export Council, Norway.

## **2010**

*Health benefits of fish consumption.* Plenary talk, Joint FAO/WHO Expert Consultation on the Risks and Benefits of Fish Consumption, Rome, Italy.

*Essential fats – how much do we really need?* Plenary talk, 9th Annual Unilever Nutrition Symposium, Vlaardingen, The Netherlands.

## **2009**

*Lifestyle and coronary events.* Plenary talk, 1st International Summit on Ischemic Heart Disease, Pisa, Italy.

*The combined impact of diet and lifestyle on cardiovascular risk.* Plenary talk, 16th Lilly Foundation Scientific Symposium: Nutrition, Lipids, and Atherosclerosis, Madrid, Spain.

*Preventable causes of death in the US: Comparative risk assessment, and impact of low omega-3 intake.* Plenary talk, International Fishmeal and Fish Oil Organization, Vienna, Austria.

*Global dietary habits and cardiovascular diseases.* Plenary talk, Global Alliance for Chronic Disease (US National Institutes of Health, UK Medical Research Council, Canadian Institutes of Health Research, Australian National Health Medical Research Council, Chinese Academy of Medical Sciences, Indian Council of Medical Research), Delhi, India.

*Criteria for determining guidelines and requirements for dietary lipids.* Plenary talk, Le Quotidien du Medecin - Symposium on Lipids; Paris, France.

## **2008**

*Fish and fish oil containing DHA/EPA for protection from heart disease.* Plenary talk, DHA/Omega-3 for Health Symposium, University of Guelph, Toronto, Ontario, Canada.

## **2007**

*Consumption of trans fatty acids and human health.* Plenary talk, Japan Oil Chemists' Society - International Life Sciences Institute Joint Symposium, Tokyo, Japan.

*Health-related topics of trans fatty acids: Epidemiologic perspective.* Plenary talk, World Health Organization Scientific Update on Trans Fatty Acids, Geneva, Switzerland.

## **2006**

*Fish, n-3 fatty acids, and cardiovascular hemodynamics.* Plenary talk, International Forum on n-3 PUFA, Rome,

Italy.

*Fish, contaminants, and cardiovascular health: Clearing up the confusion about risks and benefits.* Research seminar, GISSI Investigator Group, Consorzio Mario Negri Sud, Santa Maria Imbaro, Italy.

*Fish, contaminants, and cardiovascular health – the scientific evidence.* Grand Rounds, Department of Medicine, University of Chieti, Chieti, Italy.

*Fish, contaminants, and cardiovascular health – the scientific evidence.* Grand Rounds, Department of Cardiovascular Research, Mario Negri Institute, Milan, Italy.

## **2005**

*Fish intake, atrial fibrillation, and insights into potential mechanisms of effect.* Grand Rounds, Division of Human Nutrition, Wageningen University, The Netherlands.

*Protagonists of global cardiovascular risk – Role of n-3 PUFAs.* Session chair, Mediterranean Cardiology Association Meeting, Taormina, Italy.

*Estimated effects of replacing partially hydrogenated fats with unhydrogenated fats on cardiovascular health in Iran.* Plenary talk, Iranian Society of Atherosclerosis Annual Meeting, Tehran, Iran.

*Trans fatty acids and systemic inflammation.* Plenary talk, First International Symposium on Trans Fatty Acids and Health, Copenhagen, Denmark.

*Fish and cardiovascular health – current evidence, uncertainties, and unanswered questions.* Plenary talk, DHA/Omega-3 for Health Symposium, University of Guelph, Toronto, Ontario, Canada.

## **CLINICAL ACTIVITIES**

### **Licensure and Certification:**

2004-present Massachusetts Controlled Substances License

2003-present Physician's License, State of Massachusetts

2001-present Diplomate, Cardiovascular Disease Subspecialty

1998-2008 Diplomate, American Board of Internal Medicine (chose not to renew)

1998 Physician and Surgeon, State of Washington (chose not to renew)

1996-present Drug Enforcement Administration Certification

1996 Physician and Surgeon, State of California (chose not to renew)

### **Practice Activities:**

Cardiology B Team	Inpatient Ward	Cardiovascular Medicine, BWH	Two half-month blocks/year
ECG Reading	Outpatient	Cardiovascular Medicine, BWH	Two one-week blocks/year
Fellows Clinic	Outpatient	Cardiovascular Medicine, BWH	Several half-day blocks/year

### **Clinical Innovations:**

My main research focuses on lifestyle behaviors and cardiometabolic risk factors and diseases, including the key dietary targets and policy strategies to address lifestyle and reduce risk. I also collaborated with Dr. Wayne Levy at U. of Washington to develop the Seattle Heart Failure Model (SHFM), a validated model that predicts survival in heart failure patients, including 5-year mortality and total life expectancy, and determines mortality effects of adding specific drugs or devices to any patient's regimen. Both PC and handheld versions have been released for clinical use, free-of-charge (<http://depts.washington.edu/shfm>); and the SHFM is part of Epocrates tool kit ([www.epocrates.com/products/medtools/cardiologyessentials.html](http://www.epocrates.com/products/medtools/cardiologyessentials.html)). One other collaboration was with Drs. Haiming Cao and Gokhan Hotamisligil to create an invention that provides for a novel lipokine, trans-C16:1n7-palmitoleate, which also serves as a biomarker for metabolic status. More

specifically, low concentrations of trans-C16:1n7-palmitoleate the serum indicates a risk of metabolic disease. Additionally, administering trans C16:1n7-palmitoleate to a subject (via pharmaceutical, nutraceutical, or other means), positively impacts glucose metabolism.

## **COMMUNITY ENGAGEMENT AND SERVICE**

### **Activities (several of these also listed in other relevant sections above):**

- 2023 Media Award, American Nutrition Association
- 2023-present United States President’s Council on Sports, Fitness, and Nutrition (PCSFN)
- 2023 Moderator, Congressional Briefing, “The True Cost of Food is Medicine”, The Friedman School of Nutrition Science and Policy, Virtual
- 2022 Co-chair, Task Force on Hunger, Nutrition and Health, convened to inform the September 2022 White House Conference
- 2022 Moderator, Congressional Briefing, House Hunger Caucus, “Food as Medicine: Spotlighting the Power and Innovation of the Private Sector to Improve Nutrition”, The Friedman School of Nutrition Science and Policy and The Rockefeller Foundation, Virtual
- 2022 Moderator, Congressional Briefing, “Our Health, Our Planet, Our Future: The Urgent Need to Invest in Nutrition Science and Sustainable Agriculture”, The Friedman School of Nutrition Science and Policy and the Union of Concerned Scientists, Virtual
- 2021 Moderator, Congressional Briefing, “Building America’s Nutrition Security Infrastructure”, The Friedman School of Nutrition Science and Policy and The Rockefeller Foundation, Virtual
- 2021-present Extended Member, Independent Expert Group, Global Nutrition Report
- 2020 Participant, Immune Health Session, Barilla Science Discovery Symposium, Virtual
- 2020 Speaker, Chronic Disease Prevention, Barilla Science Discovery Symposium, Virtual
- 2020 Speaker, Food Justice Dinner, Boston College, Boston, MA
- 2018 Speaker, House Hunger Caucus, Food is Medicine Working Group, Washington, D.C.
- 2017-2018 Judge, "Best of the Best" Culinary Competition, Massachusetts Health Council, Boston, MA
- 2017 Panelist, House Hunger Caucus, “Hunger, Nutrition, and the Military: Are We Fit to Fight?”, Washington, D.C.
- 2016 Weight loss challenge talk, Jae Hun Kim Tae Kwon Do, Boston, MA
- 2014-present Member, Scientific Advisory Board, Ingredients for Education, a nonprofit creator of KickenNutrition.TV
- 2014-2015 Expert Consultation on Nutrient Profiling in the Americas, Pan American Health Organization (PAHO), World Health Organization
- 2013-2014 Member, Mission Advisory Panel (MAP) on Sugar, Heart and Stroke Foundation, Canada
- 2013 Reviewer, Dietary Guidelines, American Diabetes Association
- 2013 Member, NHLBI-ODS Working Group on Designing Clinical Studies to Evaluate the Role of Nutrition and Diet in Heart Failure Management, National Heart, Lung, and Blood Institute and NIH Office of Dietary Supplements
- 2012-2014 Member, Scientific Advisory Board, Unilever North America
- 2011-2012 Member, Healthy Agriculture & Non-Communicable Disease Advisory Group, The Chicago Council on Global Affairs

- 2010-present Member, Scientific Advisory Committee, Oldways Mediterranean Foods Alliance
- 2010-2012 Member, Nutrition Guidance Expert Advisory Group, World Health Organization
- 2010-2012 Member, Expert Consultation on Risks and Benefits of Fish Consumption, Food and Agriculture Organization of the United Nations / World Health Organization
- 2009-2012 Member, Catfish Risk Assessment Review Group, U.S. Department of Agriculture
- 2009 Principal Organizer, Seafood, Environment, and Health Meeting, Harvard School of Public Health, Aramark, Monterey Bay Aquarium, Environmental Defense Fund
- 2008-2012 U.S. Department of Agriculture Seafood Education Project Advisory Group, Member, Seafood Education Project Advisory Group, U.S. Department of Agriculture
- 2008-2010 Member, Expert Consultation on Fats and Fatty Acids in Human Nutrition, Food and Agriculture Organization of the United Nations / World Health Organization
- 2008-2009 Member, Methylmercury Risk Assessment, Review Group, U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition
- 2008 Speaker, Workshop on Risks of PCB Exposure and Benefits Associated with Consumption of Marine Fish, Massachusetts Department of Public Health, Boston, MA
- 2008 Speaker, NOAA Panel, Boston Seafood Show, U.S. National Oceanic and Atmospheric Administration
- 2008 Speaker, Public Hearing on the Initiative to Regulate Trans Fats in Massachusetts, Commonwealth of Massachusetts Senate Subcommittee on Health, Boston, MA
- 2007-2014 Member, Expert Advisory Committee, Canadian Health Measures Survey (Canada's NHANES)
- 2007-2009 Member, Task Force on Trans Fats in the Americas, Pan American Health Organization (PAHO), World Health Organization
- 2007 Meeting with congressman and senator staff for advocacy of health care issues, AHA Lobby Day, U.S. Congress and Senate, Washington D.C.
- 2006-2020 Extensive volunteer leadership activities (see section on Committee Service, above), American Heart Association
- 2006 Speaker, Public Hearing on the Initiative to Ban Trans Fats in New York, New York City Department of Health, New York, NY

**Educational Material for Patients and the Lay Community:**

- 2022 Co-author, 'Food is medicine' interventions should be the main course at White House nutrition conference, STAT
- 2021 Co-author, Time for a national strategy on food, The Hill
- 2021 Author, A nutrition report card for Americans: Dark clouds, silver linings, The Conversation
- 2021 Co-author, It's time for a second Conference on Food, Nutrition and Health, The Hill
- 2020 Co-author, The fight against COVID-19 — a need for 'soft power' in health care, The Hill
- 2020 Co-author, How your diet can help flatten the curve, CNN
- 2020 Co-author, The link between coronavirus deaths and those french fries, The Boston Globe
- 2019 Author, Should you avoid meat for good health? How to slice off the facts from the fiction, The Conversation
- 2019 Co-author, Our food is killing too many of us, The New York Times

- 2019 Co-author, Food is medicine: How US policy is shifting toward nutrition for better health, The Conversation
- 2018 Book foreword, The Diabetes Cookbook, America's Test Kitchen
- 2017 Author, Want to fix America's health care? First, focus on food, The Conversation
- 2016-present Editor-in-Chief, Tufts Health & Nutrition Newsletter
- 2016-2019 Editorial Advisor, Tufts Nutrition Magazine
- 2016-present Author, Dietary Fats, Regularly updated online chapter in UpToDate
- 2015 Co-author, Why is the federal government afraid of fat?, The New York Times
- 2012 Advisor, National Geographic Seafood Decision Guide, National Geographic, at [ocean.nationalgeographic.com/ocean/take-action/seafood-decision-guide/](http://ocean.nationalgeographic.com/ocean/take-action/seafood-decision-guide/)
- 2012 Medical Editor, The Truth about Vitamins and Minerals: Choosing the Nutrients You Need to Stay Healthy, Harvard Medical School Special Health Report
- 2011 Medical Editor, Healthy Food for the Heart, Harvard Medical School Special Health Report
- 2010 Medical Editor, Vitamins and Minerals: What You Need to Know, Harvard Medical School Special Health Report
- 2008-present Author, Fish Oil and Marine Omega-3 Fatty Acids, Regularly updated online chapter in UpToDate
- 2008 Co-author, Fats and Cholesterol: Out with the Bad, In with the Good, Internet webpage, HSPH Nutrition Source
- 2008 Co-author, Trans Fat, Internet webpage, American Heart Association
- 2006 Author, Fish Intake, Contaminants, and Human Health: Evaluating the Risks and the Benefits. Part 2 – Health Risks and Optimal Intakes, BWH Cardiology Rounds, Volume 10, Issue 9
- 2006 Author, Fish Intake, Contaminants, and Human Health: Evaluating the Risks and the Benefits. Part 1 – Health Benefits, BWH Cardiology Rounds, Volume 10, Issue 8

## **SCHOLARSHIP**

### **Doctoral Thesis**

**Mozaffarian D.** Fatty Acids and Cardiovascular Health (2006). Doctorate in Public Health (DrPH), Epidemiology, Harvard School of Public Health. (mentor: Rimm)

### **Task Force Reports**

1. Making Food and Nutrition Security a SNAP: Recommendations for the 2023 Farm Bill. Food and Nutrition Security Task Force, Bipartisan Policy Center. January 2023.
2. Task Force on Hunger, Nutrition, and Health. Ambitious, Actionable Recommendations to End Hunger, Advance Nutrition, and Improve Health in the United States. Chicago Council on Global Affairs, Food Systems for the Future, the Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy at Tufts University, and World Central Kitchen. August 2022.
3. Strengthening the Child Nutrition Programs. Food and Nutrition Security Task Force, Bipartisan Policy Center. January 2022.
4. Improving Food and Nutrition Security During COVID-19, the Economic Recovery, and Beyond. Food and Nutrition Security Task Force, Bipartisan Policy Center. September 2021.

5. Report of the 50th Anniversary of the White House Conference on Food, Nutrition, and Health: Honoring the Past, Taking Actions for our Future. Mande J, Willett W, Auerbach J, Bleich S, Broad Leib E, Economos C, Griffin T, Grumbly T, Hu F, Koh H, Mozaffarian D, Pérez-Escamilla R, Seligman H, Story M, Wilde P, and Woteki C. March 2020.

## Scientific Publications

Citations: 259,092

h-index: 162

i10-index: 483

1. Hager K, Du M, Li Z, **Mozaffarian D**, Chui K, Shi P, Ling B, Cash SB, Folta SC, Zhang FF. Impact of produce prescriptions on diet, food security, and cardiometabolic health outcomes: a multisite evaluation of 9 produce prescription programs in the United States. *Circ Cardiovasc Qual Outcomes*. 2023;16:e009520.
2. Hershey MS, Chang CR, Sotos-Prieto M, Fernandez-Montero A, Cash SB, Christophi CA, Folta SC, Muegge C, Kleinschmidt V, Moffatt S, **Mozaffarian D**, Kales SN. Effect of a nutrition intervention on Mediterranean diet adherence among firefighters: a cluster randomized clinical trial. *JAMA Netw Open*. 2023;6:e2329147.
3. Yang C, Veenstra J, Bartz TM, Pahl MC, Hallmark B, Chen YI, Westra J, Steffen LM, Brown CD, Siscovick D, Tsai MY, Wood AC, Rich SS, Smith CE, O'Connor TD, **Mozaffarian D**, Grant SFA, Chilton FH, Tintle NL, Lemaitre RN, Manichaikul A. Genome-wide association studies and fine-mapping identify genomic loci for n-3 and n-6 polyunsaturated fatty acids in Hispanic American and African American cohorts. *Commun Biol*. 2023;6:852.
4. Lemaitre RN, Jensen PN, Wang Z, Fretts AM, Sitlani CM, Nemet I, Sotoodehnia N, de Oliveira Otto MC, Zhu W, Budoff M, Longstreth WT, Psaty BM, Siscovick DS, Hazen SL, **Mozaffarian D**. Plasma trimethylamine-N-oxide and incident ischemic stroke: the Cardiovascular Health Study and the Multi-Ethnic Study of Atherosclerosis. *J Am Heart Assoc*. 2023;12:e8711.
5. Wang L, Cohen JF, Maroney M, Cudhea F, Hill A, Schwartz C, Lurie P, **Mozaffarian D**. Evaluation of health and economic effects of United States school meal standards consistent with the 2020-2025 dietary guidelines for Americans. *Am J Clin Nutr*. 2023;118:605-613.
6. Law KK, Coyle DH, Neal B, Huang L, Barrett EM, Arnott C, Chow CK, Di Tanna GL, Lung T, **Mozaffarian D**, Berkowitz SA, Wong J, Wu T, Twigg S, Gauld A, Simmons D, Piya MK, MacMillan F, Khoo CL, Tian M, Trieu K, Wu JHY. Protocol for a randomized controlled trial of medically tailored meals compared to usual care among individuals with type 2 diabetes in Australia. *Contemp Clin Trials*. 2023;132:107307.
7. Qian F, Tintle N, Jensen PN, Lemaitre RN, Imamura F, Feldreich TR, Nomura SO, Guan W, Laguzzi F, Kim E, Virtanen JK, Steur M, Bork CS, Hirakawa Y, O'Donoghue ML, Sala-Vila A, Ardisson Korat AV, Sun Q, Rimm EB, Psaty BM, Heckbert SR, Forouhi NG, Wareham NJ, Marklund M, Risérus U, Lind L, Årnlöv J, Garg P, Tsai MY, Pankow J, Misialek JR, Gigante B, Leander K, Pester JA, Albert CM, Kavousi M, Ikram A, Voortman T, Schmidt EB, Ninomiya T, Morrow DA, Bayés-Genís A, O'Keefe JH, Ong KL, Wu JHY, **Mozaffarian D**, Harris WS, Siscovick DS; Fatty Acids and Outcomes Research Consortium (FORCE). Omega-3 fatty acid biomarkers and incident atrial fibrillation. *J Am Coll Cardiol*. 2023;82:336-349.
8. **Mozaffarian D**. Identifying nutritional priorities for global health: time for a more PURE focus on protective foods. *Eur Heart J*. 2023;44:2580-2582.

9. Shekar M, O'Hearn M, Knudsen E, Shibuya K, Bishop S, van Berchem H, Egerton-Warburton C, Shibata Okamura K, **Mozaffarian D**. Innovative financing for nutrition. *Nat Food*. 2023;4:464-471.
10. Brandt EJ, **Mozaffarian D**, Leung CW, Berkowitz SA, Murthy VL. Diet and food and nutrition insecurity and cardiometabolic disease. *Circ Res*. 2023;132:1692-1706.
11. **Mozaffarian D**. Sugar, sugary drinks, and health: has the evidence achieved the sweet spot for policy action? *Lancet Diabetes Endocrinol*. 2023;11:448-451.
12. Kennedy ET, Torero MA, **Mozaffarian D**, Masters WA, Steiner RA, Hendriks SL, Morrison JA, Merrigan KK, Ghosh SA, Mason-d'Croz DE. Beyond the Food Systems Summit: linking recommendations to action-the true cost of food. *Curr Dev Nutr*. 2023;7:100028.
13. Miller V, Webb P, Cudhea F, Shi P, Zhang J, Reedy J, Erndt-Marino J, Coates J, **Mozaffarian D**; Global Dietary Database. Global dietary quality in 185 countries from 1990 to 2018 show wide differences by nation, age, education, and urbanicity. *Nat Food*. 2022;3:694-702.
14. Miller V, Webb P, Cudhea F, Zhang J, Reedy J, Shi P, Erndt-Marino J, Coates J, Micha R, **Mozaffarian D**; Global Dietary Database. Children's and adolescents' rising animal-source food intakes in 1990-2018 were impacted by age, region, parental education and urbanicity. *Nat Food*. 2023;4:305-319.
15. Pomeranz JL, Cash SB, **Mozaffarian D**. US policies that define foods for junk food taxes, 1991-2021. *Milbank Q*. 2023;101:560-600.
16. Menichetti G, Ravandi B, **Mozaffarian D**, Barabási AL. Machine learning prediction of the degree of food processing. *Nat Commun*. 2023;14:2312.
17. Du M, Griecchi CF, Cudhea F, Eom H, Wong JB, Wilde P, Kim DD, Michaud DS, Wang YC, **Mozaffarian D**, Zhang FF; Food-PRICE Project. What is the cost-effectiveness of menu calorie labelling on reducing obesity-associated cancer burdens? An economic evaluation of a federal policy intervention among 235 million adults in the USA. *BMJ Open*. 2023;13:e063614.
18. O'Hearn M, Lara-Castor L, Cudhea F, Miller V, Reedy J, Shi P, Zhang J, Wong JB, Economos CD, Micha R, **Mozaffarian D**; Global Dietary Database. Incident type 2 diabetes attributable to suboptimal diet in 184 countries. *Nat Med*. 2023;29:982-995.
19. Gerber S, O'Hearn M, Cruz SM, Reedy J, **Mozaffarian D**. Changes in food security, healthfulness, and access during the coronavirus disease 2019 pandemic: results from a national United States survey. *Curr Dev Nutr*. 2023;7:100060.
20. Wang M, Li XS, Wang Z, de Oliveira Otto MC, Lemaitre RN, Fretts A, Sotoodehnia N, Budoff M, Nemet I, DiDonato JA, Tang WHW, Psaty BM, Siscovick DS, Hazen SL, **Mozaffarian D**. Trimethylamine N-oxide is associated with long-term mortality risk: the multi-ethnic study of atherosclerosis. *Eur Heart J*. 2023;44:1608-1618.
21. Andersen CT, Marsden DM, Duggan CP, Liu E, **Mozaffarian D**, Fawzi WW. Oral iron supplementation and anaemia in children according to schedule, duration, dose and cosupplementation: a systematic review and meta-analysis of 129 randomised trials. *BMJ Glob Health*. 2023;8:e010745.
22. Wu JH, Trieu K, Coyle D, Huang L, Wijesuriya N, Nallaiyah K, Lung T, Di Tanna GL, Zheng M, **Mozaffarian D**, MacMillan F, Simmons D, Wu T, Twigg S, Gauld A, Constantino M, McGill M, Wong J, Neal B. Testing the feasibility and dietary impact of a "Produce Prescription" program for adults with undermanaged type 2 diabetes and food insecurity in Australia. *J Nutr*. 2022;152:2409-2418.
23. Troen AM, Martins APB, Aguado IH, Popkin B, **Mozaffarian D**, Caraher M, Yaroch AL, Bordonada MÁR, Levine H. Israel decides to cancel sweetened beverage tax in setback to public health. *Lancet*. 2023;401:553-554.



24. Ong KL, Marklund M, Huang L, Rye KA, Hui N, Pan XF, Rebholz CM, Kim H, Steffen LM, van Westing AC, Geleijnse JM, Hoogeveen EK, Chen YY, Chien KL, Fretts AM, Lemaitre RN, Imamura F, Forouhi NG, Wareham NJ, Birukov A, Jäger S, Kuxhaus O, Schulze MB, de Mello VD, Tuomilehto J, Uusitupa M, Lindström J, Tintle N, Harris WS, Yamasaki K, Hirakawa Y, Ninomiya T, Tanaka T, Ferrucci L, Bandinelli S, Virtanen JK, Voutilainen A, Jayasena T, Thalamuthu A, Poljak A, Bustamante S, Sachdev PS, Senn MK 2nd, Rich SS, Tsai MY, Wood AC, Laakso M, Lankinen M, Yang X, Sun L, Li H, Lin X, Nowak C, Ärnlöv J, Risérus U, Lind L, Le Goff M, Samieri C, Helmer C, Qian F, Micha R, Tin A, Köttgen A, de Boer IH, Siscovick DS, **Mozaffarian D**, Wu JH. Association of omega 3 polyunsaturated fatty acids with incident chronic kidney disease: pooled analysis of 19 cohorts. *BMJ*. 2023;380:e072909.
25. Du M, **Mozaffarian D**, Wong JB, Pomeranz JL, Wilde P, Zhang FF. Whole-grain food intake among US adults, based on different definitions of whole-grain foods, NHANES 2003-2018. *Am J Clin Nutr*. 2022;116:1704-1714.
26. **Mozaffarian D**. The White House Conference on Hunger, Nutrition, and Health - a new national strategy. *N Engl J Med*. 2022;387:2014-2017.
27. O'Hearn M, Erndt-Marino J, Gerber S, Lauren BN, Economos C, Wong JB, Blumberg JB, **Mozaffarian D**. Validation of Food Compass with a healthy diet, cardiometabolic health, and mortality among U.S. adults, 1999-2018. *Nat Commun*. 2022;13:7066.
28. Pomeranz JL, **Mozaffarian D**. Food marketing to - and research on - children: new directions for regulation in the United States. *J Law Med Ethics*. 2022;50:542-550.
29. Hager K, Cudhea FP, Wong JB, Berkowitz SA, Downer S, Lauren BN, **Mozaffarian D**. Association of national expansion of insurance coverage of medically tailored meals with estimated hospitalizations and health care expenditures in the US. *JAMA Netw Open*. 2022;5:e2236898.
30. **Mozaffarian D**, Blanck HM, Garfield KM, Wassung A, Petersen R. A Food is Medicine approach to achieve nutrition security and improve health. *Nat Med*. 2022;28:2238-2240.
31. de Oliveira Otto MC, Li XS, Wang Z, Siscovick DS, Newman AB, Lai HTM, Nemet I, Lee Y, Wang M, Fretts A, Lemaitre RN, Tang WHW, Lopez O, Hazen SL, **Mozaffarian D**. Longitudinal associations of plasma TMAO and related metabolites with cognitive impairment and dementia in older adults: the Cardiovascular Health Study. *J Alzheimers Dis*. 2022;89:1439-1452.
32. **Mozaffarian D**, Andrés JR, Cousin E, Frist WH, Glickman DR. The White House Conference on Hunger, Nutrition and Health is an opportunity for transformational change. *Nat Food*. 2022;3:561-563.
33. Wang M, Wang Z, Lee Y, Lai HTM, de Oliveira Otto MC, Lemaitre RN, Fretts A, Sotoodehnia N, Budoff M, DiDonato JA, McKnight B, Tang WHW, Psaty BM, Siscovick DS, Hazen SL, **Mozaffarian D**. Dietary meat, trimethylamine N-oxide-related metabolites, and incident cardiovascular disease among older adults: the Cardiovascular Health Study. *Arterioscler Thromb Vasc Biol*. 2022;42:e273-e288.
34. **Mozaffarian D**. Implications of the new recommendation on behavioral counseling interventions to promote healthy eating and physical activity. *JAMA*. 2022;328:334-335.
35. O'Hearn M, Lauren BN, Wong JB, Kim DD, **Mozaffarian D**. Trends and disparities in cardiometabolic health among U.S. adults, 1999-2018. *J Am Coll Cardiol*. 2022;80:138-151.
36. Fretts AM, Hazen SL, Jensen P, Budoff M, Sitlani CM, Wang M, de Oliveira Otto MC, DiDonato JA, Lee Y, Psaty BM, Siscovick DS, Sotoodehnia N, Tang WHW, Lai H, Lemaitre RN, **Mozaffarian D**. Association of trimethylamine N-oxide and metabolites with mortality in older adults. *JAMA Netw Open*. 2022;5:e2213242.

37. Elam RE, Bůžková P, Barzilay JI, Wang Z, Nemet I, Budoff MJ, Cauley JA, Fink HA, Lee Y, Robbins JA, Wang M, Hazen SL, **Mozaffarian D**, Carbone LD. Trimethylamine N-oxide and hip fracture and bone mineral density in older adults: the Cardiovascular Health Study. *Bone*. 2022;161:116431.
38. Gu X, Wang DD, Fung TT, **Mozaffarian D**, Djoussé L, Rosner B, Sacks FM, Willett WC. Dietary quality and risk of heart failure in men. *Am J Clin Nutr*. 2022;116:378-385.
39. **Mozaffarian D**. Perspective: obesity-an unexplained epidemic. *Am J Clin Nutr*. 2022;115:1445-1450.
40. Zhou B, Liang S, Monahan KM, El-Abbadi N, Cruz MS, Chen Y, DeVane A, Reedy J, Zhang J, Semenova I, Montoliu I, **Mozaffarian D**, Wang D, Naumova EN. An open-access data platform: Global Nutrition and Health Atlas (GNHA). *Curr Dev Nutr*. 2022;6:nzac031.
41. **Mozaffarian D**, Glickman DR. The 2022 Child Nutrition Reauthorization - an opportunity to advance children's health. *N Engl J Med*. 2022;386:1391-1394.
42. Abrahams-Gessel S, Wilde P, Zhang FF, Lizewski L, Sy S, Liu J, Ruan M, Lee Y, **Mozaffarian D**, Micha R, Gaziano T. Implementing federal food service guidelines in federal and private worksite cafeterias in the United States leads to improved health outcomes and is cost saving. *J Public Health Policy*. 2022;43:266-280.
43. Miller V, Reedy J, Cudhea F, Zhang J, Shi P, Erndt-Marino J, Coates J, Micha R, Webb P, **Mozaffarian D**; Global Dietary Database. Global, regional, and national consumption of animal-source foods between 1990 and 2018: findings from the Global Dietary Database. *Lancet Planet Health*. 2022;6:e243-e256.
44. **Mozaffarian D**. Prescription  $\omega$ -3 therapy to reduce triglyceride levels-a new horizon for cost-effective therapy. *JAMA Netw Open*. 2022;5:e2148191.
45. Lai HTM, Imamura F, Korat AVA, Murphy RA, Tintle N, Bassett JK, Chen J, Kröger J, Chien KL, Senn M, Wood AC, Forouhi NG, Schulze MB, Harris WS, Vasani RS, Hu F, Giles GG, Hodge A, Djousse L, Brouwer IA, Qian F, Sun Q, Wu JHY, Marklund M, Lemaitre RN, Siscovick DS, Fretts AM, Shadyab AH, Manson JE, Howard BV, Robinson JG, Wallace RB, Wareham NJ, Chen YI, Rotter JI, Tsai MY, Micha R, **Mozaffarian D**; Fatty Acids and Outcomes Research Consortium (FORCE). Trans fatty acid biomarkers and incident type 2 diabetes: pooled analysis of 12 prospective cohort studies in the Fatty Acids and Outcomes Research Consortium (FORCE). *Diabetes Care*. 2022;45:854-863.
46. Miller V, Micha R, Choi E, Karageorgou D, Webb P, **Mozaffarian D**. Evaluation of the quality of evidence of the association of foods and nutrients with cardiovascular disease and diabetes: a systematic review. *JAMA Netw Open*. 2022;5:e2146705.
47. Pomeranz JL, **Mozaffarian D**. State preemption of consumer merchandise and beverage containers: new strategy to preempt sugar-sweetened beverage policies? *J Public Health Manag Pract*. 2022;28:222-232.
48. **Mozaffarian D**. A commentary on: calorie restriction with or without time-restricted eating in weight loss. PracticeUpdate website. Available at: <https://www.practiceupdate.com/content/calorie-restriction-with-or-without-time-restricted-eating-in-weight-loss/134989/65/2/1>. Accessed May 11, 2022.
49. Livingston AS, Cudhea F, Wang L, Steele EM, Du M, Wang YC, Pomeranz J, **Mozaffarian D**, Zhang FF; Food-PRICE project. Effect of reducing ultraprocessed food consumption on obesity among US children and adolescents aged 7-18 years: evidence from a simulation model. *BMJ Nutr Prev Health*. 2021;4:397-404.
50. **Mozaffarian D**, Maki KC, Bays HE, Aguilera F, Gould G, Hegele RA, Moriarty PM, Robinson JG, Shi P, Tur JF, Lapointe JF, Aziz S, Lemieux P; TRILOGY (Study of CaPre in Lowering Very High Triglycerides) investigators. Effectiveness of a novel  $\omega$ -3 krill oil agent in patients with severe hypertriglyceridemia: a randomized clinical trial. *JAMA Netw Open*. 2022;5:e2141898.

51. Murphy RA, Tintle N, Harris WS, Darvishian M, Marklund M, Virtanen JK, Hantunen S, de Mello VD, Tuomilehto J, Lindström J, Bolt MA, Brouwer IA, Wood AC, Senn M, Redline S, Tsai MY, Gudnason V, Eiriksdottir G, Lindberg E, Shadyab AH, Liu B, Carnethon M, Uusitupa M, Djousse L, Risérus U, Lind L, van Dam RM, Koh WP, Shi P, Siscovick D, Lemaitre RN, **Mozaffarian D**. PUFA  $\omega$ -3 and  $\omega$ -6 biomarkers and sleep: a pooled analysis of cohort studies on behalf of the Fatty Acids and Outcomes Research Consortium (FORCE). *Am J Clin Nutr*. 2022;115:864-876.
52. Liu J, Steele EM, Li Y, Karageorgou D, Micha R, Monteiro CA, **Mozaffarian D**. Consumption of ultraprocessed foods and diet quality among U.S. children and adults. *Am J Prev Med*. 2022;62:252-264.
53. Khushalani JS, Cudhea FP, Ekwueme DU, Ruan M, Shan Z, Harris DM, **Mozaffarian D**, Zhang FF. Estimated economic burden of cancer associated with suboptimal diet in the United States. *Cancer Causes Control*. 2022;33:73-80.
54. Wang L, Du M, Cudhea F, Griecci C, Michaud DS, **Mozaffarian D**, Zhang FF. Disparities in health and economic burdens of cancer attributable to suboptimal diet in the United States, 2015–2018. *Am J Public Health*. 2021;111:2008-2018.
55. Defagó MD, **Mozaffarian D**, Irazola VE, Gutierrez L, Poggio R, Serón P, Mores N, Calandrelli M, Ponzio J, Rubinstein AL, Elorriaga N. Dietary patterns and blood pressure in southern cone of Latin America. *Nutr Metab Cardiovasc Dis*. 2021;31:3326-3334.
56. Parkinson Study Group SURE-PD3 Investigators, Schwarzschild MA, Ascherio A, Casaceli C, Curhan GC, Fitzgerald R, Kamp C, Lungu C, Macklin EA, Marek K, **Mozaffarian D**, Oakes D, Rudolph A, Shoulson I, Videnovic A, Scott B, Gauger L, Aldred J, Bixby M, Ciccarello J, Gunzler SA, Henchcliffe C, Brodsky M, Keith K, Hauser RA, Goetz C, LeDoux MS, Hinson V, Kumar R, Espay AJ, Jimenez-Shahed J, Hunter C, Christine C, Daley A, Leehey M, de Marcaida JA, Friedman JH, Hung A, Bwala G, Litvan I, Simon DK, Simuni T, Poon C, Schiess MC, Chou K, Park A, Bhatti D, Peterson C, Criswell SR, Rosenthal L, Durphy J, Shill HA, Mehta SH, Ahmed A, Deik AF, Fang JY, Stover N, Zhang L, Dewey RB Jr, Gerald A, Boyd JT, Houston E, Suski V, Mosovsky S, Cloud L, Shah BB, Saint-Hilaire M, James R, Zauber SE, Reich S, Shprecher D, Pahwa R, Langhammer A, LaFaver K, LeWitt PA, Kaminski P, Goudreau J, Russell D, Houghton DJ, Laroche A, Thomas K, McGraw M, Mari Z, Serrano C, Blindauer K, Rabin M, Kurlan R, Morgan JC, Soileau M, Ainslie M, Bodis-Wollner I, Schneider RB, Waters C, Ratel AS, Beck CA, Bolger P, Callahan KF, Crotty GF, Klements D, Kostrzebski M, McMahon GM, Pothier L, Waikar SS, Lang A, Mestre T. Effect of urate-elevating inosine on early Parkinson disease progression: the SURE-PD3 randomized clinical trial. *JAMA*. 2021;326:926-939.
57. Peñalvo JL, Sagastume D, Mertens E, Uzhova I, Smith J, Wu JHY, Bishop E, Onopa J, Shi P, Micha R, **Mozaffarian D**. Effectiveness of workplace wellness programmes for dietary habits, overweight, and cardiometabolic health: a systematic review and meta-analysis. *Lancet Public Health*. 2021;6:e648-e660.
58. Lemaitre RN, Jensen PN, Wang Z, Fretts AM, McKnight B, Nemet I, Biggs ML, Sotoodehnia N, de Oliveira Otto MC, Psaty BM, Siscovick DS, Hazen SL, **Mozaffarian D**. Association of trimethylamine n-oxide and related metabolites in plasma and incident type 2 diabetes: the Cardiovascular Health Study. *JAMA Netw Open*. 2021;4:e2122844.
59. Shangguan S, **Mozaffarian D**, Sy S, Lee Y, Liu J, Wilde PE, Sharkey AL, Dowling EA, Marklund M, Abrahams-Gessel S, Gaziano TA, Micha R. Health impact and cost-effectiveness of achieving the national salt and sugar reduction initiative voluntary sugar reduction targets in the United States: a micro-simulation study. *Circulation*. 2021;144:1362-1376.
60. Mousavi SM, Jalilpiran Y, Karimi E, Aune D, Larijani B, **Mozaffarian D**, Willett WC, Esmailzadeh A. Dietary intake of linoleic acid, its concentrations, and the risk of type 2 diabetes: a systematic review and dose-response meta-analysis of prospective cohort studies. *Diabetes Care*. 2021;44:2173-2181.
61. Lee Y, Nemet I, Wang Z, Lai HTM, de Oliveira Otto MC, Lemaitre RN, Fretts AM, Sotoodehnia N, Budoff M, DiDonato JA, McKnight B, Tang WHW, Psaty BM, Siscovick DS, Hazen SL, **Mozaffarian**

- D.** Longitudinal plasma measures of trimethylamine N-oxide and risk of atherosclerotic cardiovascular disease events in community-based older adults. *J Am Heart Assoc.* 2021;10:e020646.
62. Bockus LB, Biggs ML, Lai HTML, de Olivera Otto MC, Fretts AM, McKnight B, Sotoodehnia N, King IB, Song X, Siscovick DS, **Mozaffarian D**, Lemaitre RN. Assessment of plasma phospholipid very-long-chain saturated fatty acid levels and healthy aging. *JAMA Netw Open.* 2021;4:e2120616.
  63. Wang L, Martínez Steele E, Du M, Pomeranz JL, O'Connor LE, Herrick KA, Luo H, Zhang X, **Mozaffarian D**, Zhang FF. Trends in consumption of ultraprocessed foods among US youths aged 2-19 years, 1999-2018. *JAMA.* 2021;326:519-530.
  64. Haslam DE, Peloso GM, Guirette M, Imamura F, Bartz TM, Pitsillides AN, Wang CA, Li-Gao R, Westra JM, Pitkänen N, Young KL, Graff M, Wood AC, Braun KVE, Luan J, Kähönen M, Kiefte-de Jong JC, Ghanbari M, Tintle N, Lemaitre RN, Mook-Kanamori DO, North K, Helminen M, Mossavar-Rahmani Y, Snetselaar L, Martin LW, Viikari JS, Oddy WH, Pennell CE, Rosendall FR, Ikram MA, Uitterlinden AG, Psaty BM, **Mozaffarian D**, Rotter JI, Taylor KD, Lehtimäki T, Raitakari OT, Livingston KA, Voortman T, Forouhi NG, Wareham NJ, de Mutsert R, Rich SS, Manson JE, Mora S, Ridker PM, Merino J, Meigs JB, Dashti HS, Chasman DI, Lichtenstein AH, Smith CE, Dupuis J, Herman MA, McKeown NM. Sugar-sweetened beverage consumption may modify associations between genetic variants in the CHREBP (carbohydrate responsive element binding protein) locus and HDL-C (high-density lipoprotein cholesterol) and triglyceride concentrations. *Circ Genom Precis Med.* 2021;14:e003288.
  65. Webb P, Danaei G, Masters WA, Rosettie KL, Leech AA, Cohen J, Blakstad M, Kranz S, **Mozaffarian D**. Modelling the potential cost-effectiveness of food-based programs to reduce malnutrition. *Global Nutrition and Policy Consortium. Glob Food Sec.* 2021;29:100550.
  66. Liu J, Lee Y, Micha R, Li Y, **Mozaffarian D**. Trends in junk food consumption among US children and adults, 2001-2018. *Am J Clin Nutr.* 2021;114:1039-1048.
  67. Bhat S, Coyle DH, Trieu K, Neal B, **Mozaffarian D**, Marklund M, Wu JHY. Healthy food prescription programs and their impact on dietary behavior and cardiometabolic risk factors: a systematic review and meta-analysis. *Adv Nutr.* 2021;12:1944-1956.
  68. Nissen SE, Lincoff AM, Wolski K, Ballantyne CM, Kastelein JJP, Ridker PM, Ray KK, McGuire DK, **Mozaffarian D**, Koenig W, Davidson MH, Garcia M, Katona BG, Himmelmann A, Loss LE, Poole M, Menon V, Nicholls SJ. Association between achieved  $\omega$ -3 fatty acid levels and major adverse cardiovascular outcomes in patients with high cardiovascular risk: a secondary analysis of the STRENGTH trial. *JAMA Cardiol.* 2021;6:1-8.
  69. **Mozaffarian D**. Dairy foods and type 2 diabetes: profiling our metabolites and health. *Am J Clin Nutr.* 2021;114:5-6.
  70. Du M, Griecci CF, Cudhea FF, Eom H, Kim DD, Wilde P, Wong JB, Wang YC, Michaud DS, **Mozaffarian D**, Zhang F; Food-PRICE Project. Cost-effectiveness analysis of nutrition facts added-sugar labeling and obesity-associated cancer rates in the US. *JAMA Netw Open.* 2021;4:e217501.
  71. Harris WS, Tintle NL, Imamura F, Qian F, Korat AVA, Marklund M, Djoussé L, Bassett JK, Carmichael PH, Chen YY, Hirakawa Y, Küpers LK, Laguzzi F, Lankinen M, Murphy RA, Samieri C, Senn MK, Shi P, Virtanen JK, Brouwer IA, Chien KL, Eiriksdottir G, Forouhi NG, Geleijnse JM, Giles GG, Gudnason V, Helmer C, Hodge A, Jackson R, Khaw KT, Laakso M, Lai H, Laurin D, Leander K, Lindsay J, Michal R, Mursu J, Ninomiya T, Post W, Psaty BM, Riserus U, Robinson JG, Shadyab AH, Snetselaar L, Sala-Vila A, Sun Y, Steffen LM, Tsai MY, Wareham NJ, Wood AC, Wu JHY, Hu F, Sun Q, Siscovick DS, Lemaitre RN, **Mozaffarian D**; Fatty Acids and Outcomes Research Consortium (FORCE). Blood n-3 fatty acid levels and total and cause-specific mortality from 17 prospective studies. *Nat Commun.* 2021;12:2329.

72. Liu J, Micha R, Li Y, **Mozaffarian D**. Trends in food sources and diet quality among US children and adults, 2003-2018. *JAMA Netw Open*. 2021;4:e215262.
73. Zelniker TA, Morrow DA, Scirica BM, Furtado JD, Guo J, **Mozaffarian D**, Sabatine MS, O'Donoghue ML. Plasma omega-3 fatty acids and the risk of cardiovascular events in patients after an acute coronary syndrome in MERLIN-TIMI 36. *J Am Heart Assoc*. 2021;10:e017401.
74. **Mozaffarian D**, Fleischhacker S, Andrés JR. Prioritizing nutrition security in the US. *JAMA*. 2021;325:1605-1606.
75. **Mozaffarian D**. Fish, cardiovascular disease, and mortality-what is the global evidence? *JAMA Intern Med*. 2021;181:649-651.
76. Qian F, Ardisson Korat AV, Imamura F, Marklund M, Tintle N, Virtanen JK, Zhou X, Bassett JK, Lai H, Hirakawa Y, Chien KL, Wood AC, Lankinen M, Murphy RA, Samieri C, Pertiwi K, de Mello VD, Guan W, Forouhi NG, Wareham N, Hu ICFB, Riserus U, Lind L, Harris WS, Shadyab AH, Robinson JG, Steffen LM, Hodge A, Giles GG, Ninomiya T, Uusitupa M, Tuomilehto J, Lindström J, Laakso M, Siscovick DS, Helmer C, Geleijnse JM, Wu JHY, Fretts A, Lemaitre RN, Micha R, **Mozaffarian D**, Sun Q; Fatty Acids and Outcomes Research Consortium (FORCE). n-3 fatty acid biomarkers and incident type 2 diabetes: an individual participant-level pooling project of 20 prospective cohort studies. *Diabetes Care*. 2021;44:1133-1142.
77. O'Hearn M, Liu J, Cudhea F, Micha R, **Mozaffarian D**. Coronavirus disease 2019 hospitalizations attributable to cardiometabolic conditions in the United States: a comparative risk assessment analysis. *J Am Heart Assoc*. 2021;10:e019259.
78. Miller V, Singh GM, Onopa J, Reedy J, Shi P, Zhang J, Tahira A, Shulkin Morris ML, Marsden DP, Kranz S, Stoyell S, Webb P, Micha R, **Mozaffarian D**. Global Dietary Database 2017: data availability and gaps on 54 major foods, beverages and nutrients among 5.6 million children and adults from 1220 surveys worldwide. *BMJ Glob Health*. 2021;6:e003585.
79. Kennedy E, Webb P, Block S, Griffin T, **Mozaffarian D**, Kyte R. Transforming food systems: the missing pieces needed to make them work. *Curr Dev Nutr*. 2020;5:nzaa177.
80. Du M, Griecchi CF, Kim DD, Cudhea F, Ruan M, Eom H, Wong JB, Wilde PE, Michaud DS, Lee Y, Micha R, **Mozaffarian D**, Zhang FF. Cost-effectiveness of a national sugar-sweetened beverage tax to reduce cancer burdens and disparities in the United States. *JNCI Cancer Spectr*. 2020;4:pkaa073.
81. Liu Y, Li N, Yan N, Pan XF, Li Q, Micha R, **Mozaffarian D**, Huffman MD, Wang Y, Neal B, Tian M, Zhao Y, Wu JHY. Protocol for a randomized controlled trial to test the acceptability and adherence to 6-months of walnut supplementation in Chinese adults at high risk of cardiovascular disease. *Nutr J*. 2021;20:3.
82. Nicholls SJ, Lincoff AM, Garcia M, Bash D, Ballantyne CM, Barter PJ, Davidson MH, Kastelein JJP, Koenig W, McGuire DK, **Mozaffarian D**, Ridker PM, Ray KK, Katona BG, Himmelmann A, Loss LE, Rensfeldt M, Lundström T, Agrawal R, Menon V, Wolski K, Nissen SE. Effect of high-dose omega-3 fatty acids vs corn oil on major adverse cardiovascular events in patients at high cardiovascular risk: the STRENGTH randomized clinical trial. *JAMA*. 2020;324:2268-2280.
83. Hager K, **Mozaffarian D**. The promise and uncertainty of fruit and vegetable prescriptions in health care. *J Nutr*. 2020;150:2846-2848.
84. Pomeranz JL, Wilde P, **Mozaffarian D**, Micha R. Mandating front-of-package food labels in the U.S. - what are the first amendment obstacles? *Food Policy*. 2019;86:101722.
85. Miller V, Webb P, Micha R, **Mozaffarian D**; Global Dietary Database. Defining diet quality: a synthesis of dietary quality metrics and their validity for the double burden of malnutrition. *Lancet Planet Health*. 2020;4:e352-e370.

86. Wang J, Masters WA, Bai Y, **Mozaffarian D**, Naumova EN, Singh GM. The international diet-health index: a novel tool to evaluate diet quality for cardiometabolic health across countries. *BMJ Glob Health*. 2020;5:e002120.
87. Pomeranz JL, Huang Y, **Mozaffarian D**, Micha R. Legal feasibility and implementation of federal strategies for a national retail-based fruit and vegetable subsidy program in the United States. *Milbank Q*. 2020;98:775-801.
88. Fleischhacker SE, Woteki CE, Coates PM, Hubbard VS, Flaherty GE, Glickman DR, Harkin TR, Kessler D, Li WW, Loscalzo J, Parekh A, Rowe S, Stover PJ, Tagtow A, Yun AJ, **Mozaffarian D**. Strengthening national nutrition research: rationale and options for a new coordinated federal research effort and authority. *Am J Clin Nutr*. 2020;112:721-769.
89. Corradi D, Saffitz JE, Novelli D, Asimaki A, Simon C, Oldoni E, Masson S, Meessen JMTA, Monaco R, Manuguerra R, Latini R, Libby P, Tavazzi L, Marchioli R, Dozza L, Cavallotti L, Aleksova A, Gregorini R, **Mozaffarian D**. Prospective evaluation of clinico-pathological predictors of post-operative atrial fibrillation: an ancillary study from the OPERA trial. *Circ Arrhythm Electrophysiol*. 2020;13:e008382.
90. Woodside JV, Klassen Wigger P, Legrand P, Mensink RP, **Mozaffarian D**, Sievenpiper J. Integrating nutrition science and consumer behaviour into future food policy. *EFSA J*. 2019;17:e170719.
91. Downer S, Berkowitz SA, Harlan TS, Olstad DL, **Mozaffarian D**. Food is medicine: actions to integrate food and nutrition into healthcare. *BMJ*. 2020;369:m2482.
92. Lee Y, **Mozaffarian D**, Sy S, Liu J, Wilde PE, Marklund M, Abrahams-Gessel S, Gaziano TA, Micha R. Health impact and cost-effectiveness of volume, tiered, and absolute sugar content sugar sweetened beverage tax policies in the United States: a microsimulation study. *Circulation*. 2020;142:523-534.
93. Imamura F, Fretts AM, Marklund M, Ardisson Korat AV, Yang WS, Lankinen M, Qureshi W, Helmer C, Chen TA, Virtanen JK, Wong K, Bassett JK, Murphy R, Tintle N, Yu CI, Brouwer IA, Chien KL, Chen YY, Wood AC, Del Gobbo LC, Djousse L, Geleijnse JM, Giles GG, de Goede J, Gudnason V, Harris WS, Hodge A, Hu F; InterAct Consortium, Koulman A, Laakso M, Lind L, Lin HJ, McKnight B, Rajaobelina K, Riserus U, Robinson JG, Samieri C, Senn M, Siscovick DS, Soedamah-Muthu SS, Sotoodehnia N, Sun Q, Tsai MY, Tuomainen TP, Uusitupa M, Wagenknecht LE, Wareham NJ, Wu JHY, Micha R, Lemaitre RN, **Mozaffarian D**, Forouhi NG. Fatty acids in the de novo lipogenesis pathway and incidence of type 2 diabetes: a pooled analysis of prospective cohort studies. *PLoS Med*. 2020;17:e1003102.
94. Liu J, **Mozaffarian D**, Sy S, Lee Y, Wilde PE, Abrahams-Gessel S, Gaziano T, Micha R; FOOD-PRICE (Policy Review and Intervention Cost-Effectiveness) Project. Health and economic impacts of the national menu calorie labeling law in the United States: a microsimulation study. *Circ Cardiovasc Qual Outcomes*. 2020;13:e006313.
95. Sisa I, Abeyá-Gilardon E, Fisberg RM, Jackson MD, Mangialavori GL, Sichieri R, Cudhea F, Bannuru RR, Ruthazer R, **Mozaffarian D**, Singh GM. Impact of diet on CVD and diabetes mortality in Latin America and the Caribbean: a comparative risk assessment analysis. *Public Health Nutr*. 2021;24:2577-2591.
96. Liu J, Rehm CD, Shi P, McKeown NM, **Mozaffarian D**, Micha R. A comparison of different practical indices for assessing carbohydrate quality among carbohydrate-rich processed products in the US. *PLoS One*. 2020;15:e0231572.
97. Lizewski L, Flaherty G, Wilde P, Brownson R, Wang C, Maitin-Shepard M, Li Y, **Mozaffarian D**, Zhang FF. Federal, state, and local nutrition policies for cancer prevention: perceived impact and feasibility, United States, 2018. *Am J Public Health*. 2020;110:1006-1008.

98. Bhavadharini B, Dehghan M, Mente A, Rangarajan S, Sheridan P, Mohan V, Iqbal R, Gupta R, Lear S, Wentzel-Viljoen E, Avezum A, Lopez-Jaramillo P, Mony P, Varma RP, Kumar R, Chifamba J, Alhabib KF, Mohammadifard N, Oguz A, Lanan F, Rozanska D, Bengtsson Bostrom K, Yusoff K, Tsolkile LP, Dans A, Yusufali A, Orlandini A, Poirier P, Khatib R, Hu B, Wei L, Yin L, Deeraili A, Yeates K, Yusuf R, Ismail N, **Mozaffarian D**, Teo K, Anand SS, Yusuf S. Association of dairy consumption with metabolic syndrome, hypertension and diabetes in 147 812 individuals from 21 countries. *BMJ Open Diabetes Res Care*. 2020;8:e000826.
99. Zheng Y, Huang T, Wang T, Mei Z, Sun Z, Zhang T, Ellervik C, Chai JF, Sim X, van Dam RM, Tai ES, Koh WP, Dorajoo R, Saw SM, Sabanayagam C, Wong TY, Gupta P, Rossing P, Ahluwalia TS, Vinding RK, Bisgaard H, Bønnelykke K, Wang Y, Graff M, Voortman T, van Rooij FJA, Hofman A, van Heemst D, Noordam R, Estampador AC, Varga TV, Enzenbach C, Scholz M, Thiery J, Burkhardt R, Orho-Melander M, Schulz CA, Ericson U, Sonestedt E, Kubo M, Akiyama M, Zhou A, Kilpeläinen TO, Hansen T, Kleber ME, Delgado G, McCarthy M, Lemaitre RN, Felix JF, Jaddoe VWV, Wu Y, Mohlke KL, Lehtimäki T, Wang CA, Pennell CE, Schunkert H, Kessler T, Zeng L, Willenborg C, Peters A, Lieb W, Grote V, Rzehak P, Koletzko B, Erdmann J, Munz M, Wu T, He M, Yu C, Lecoeur C, Froguel P, Corella D, Moreno LA, Lai CQ, Pitkänen N, Boreham CA, Ridker PM, Rosendaal FR, de Mutser R, Power C, Paternoster L, Sørensen TIA, Tjønneland A, Overvad K, Djousse L, Rivadeneira F, Lee NR, Raitakari OT, Kähönen M, Viikari J, Langhendries JP, Escribano J, Verduci E, Dedoussis G, König I, Balkau B, Coltell O, Dallongeville J, Meirhaeghe A, Amouyel P, Gottrand F, Pakkala K, Niinikoski H, Hyppönen E, März W, Mackey DA, Gruszfeld D, Tucker KL, Fumeron F, Estruch R, Ordovas JM, Arnett DK, Mook-Kanamori DO, **Mozaffarian D**, Psaty BM, North KE, Chasman DI, Qi L. Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. *Eur J Epidemiol*. 2020;35:685-697.
100. Marklund M, Singh G, Greer R, Cudhea F, Matsushita K, Micha R, Brady T, Zhao D, Huang L, Tian M, Cobb L, Neal B, Appel LJ, **Mozaffarian D**, Wu JHY. Estimated population wide benefits and risks in China of lowering sodium through potassium enriched salt substitution: modelling study. *BMJ*. 2020;369:m824.
101. LBD Double Burden of Malnutrition Collaborators (including **Mozaffarian D**). Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nat Med*. 2020;26:750-759.
102. Sacheck JM, **Mozaffarian D**. Physical activity in patients with existing atrial fibrillation: time for exercise prescription? *Eur Heart J*. 2020;41:1476-1478.
103. Pomeranz JL, **Mozaffarian D**, Micha R. Sugar-sweetened beverage warning policies in the broader legal context: health and safety warning laws and the first amendment. *Am J Prev Med*. 2020;58:783-788.
104. Liu J, Rehm CD, Onopa J, **Mozaffarian D**. Trends in diet quality among youth in the United States, 1999-2016. *JAMA*. 2020;323:1161-1174.
105. Huang NK, Matthan NR, Galluccio JM, Shi P, Lichtenstein AH, **Mozaffarian D**. Supplementation with seabuckthorn oil augmented in 16:1n-7t increases serum trans-palmitoleic acid in metabolically healthy adults: a randomized crossover dose-escalation study. *J Nutr*. 2020;150:1388-1396.
106. Lee Y, Lai HTM, de Oliveira Otto MC, Lemaitre RN, McKnight B, King IB, Song X, Huggins GS, Vest AR, Siscovick DS, **Mozaffarian D**. Serial biomarkers of de novo lipogenesis fatty acids and incident heart failure in older adults: the Cardiovascular Health Study. *J Am Heart Assoc*. 2020;9:e014119.
107. Jensen PN, Fretts AM, Hoofnagle AN, Sitlani CM, McKnight B, King IB, Siscovick DS, Psaty BM, Heckbert SR, **Mozaffarian D**, Sotoodehnia N, Lemaitre RN. Plasma ceramides and sphingomyelins in relation to atrial fibrillation risk: the Cardiovascular Health Study. *J Am Heart Assoc*. 2020;9:e012853.

108. Liu J, Rehm CD, Micha R, **Mozaffarian D**. Quality of meals consumed by US adults at full-service and fast-food restaurants, 2003-2016: persistent low quality and widening disparities. *J Nutr*. 2020;150:873-883.
109. Angell SY, McConnell MV, Anderson CAM, Bibbins-Domingo K, Boyle DS, Capewell S, Ezzati M, de Ferranti S, Gaskin DJ, Goetzl RZ, Huffman MD, Jones M, Khan YM, Kim S, Kumanyika SK, McCray AT, Merritt RK, Milstein B, **Mozaffarian D**, Norris T, Roth GA, Sacco RL, Saucedo JF, Shay CM, Siedzik D, Saha S, Warner JJ. The American Heart Association 2030 Impact Goal: a presidential advisory from the American Heart Association. *Circulation*. 2020;141:e120-e138.
110. **Mozaffarian, D**. Dietary and policy priorities to reduce the global crises of obesity and diabetes. *Nat Food*. 2020;1:38–50.
111. Fontanelli MM, Micha R, Sales CH, Liu J, **Mozaffarian D**, Fisberg RM. Application of the  $\leq 10:1$  carbohydrate to fiber ratio to identify healthy grain foods and its association with cardiometabolic risk factors. *Eur J Nutr*. 2020;59:3269-3279.
112. Jardim TV, **Mozaffarian D**, Abrahams-Gessel S, Sy S, Lee Y, Liu J, Huang Y, Rehm C, Wilde P, Micha R, Gaziano TA. Cardiometabolic disease costs associated with suboptimal diet in the United States: a cost analysis based on a microsimulation model. *PLoS Med*. 2019;16:e1002981.
113. Braverman-Bronstein A, Camacho-García-Formentí D, Zepeda-Tello R, Cudhea F, Singh GM, **Mozaffarian D**, Barrientos-Gutierrez T. Mortality attributable to sugar sweetened beverages consumption in Mexico: an update. *Int J Obes (Lond)*. 2020;44:1341-1349.
114. Lai HTM, de Oliveira Otto MC, Lee Y, Wu JHY, Song X, King IB, Psaty BM, Lemaitre RN, McKnight B, Siscovick DS, **Mozaffarian D**. Serial plasma phospholipid fatty acids in the de novo lipogenesis pathway and total mortality, cause-specific mortality, and cardiovascular diseases in the Cardiovascular Health Study. *J Am Heart Assoc*. 2019;8:e012881.
115. Singh GM, Becquart N, Cruz M, Acevedo A, **Mozaffarian D**, Naumova EN. Spatiotemporal and demographic trends and disparities in cardiovascular disease among older adults in the United States based on 181 million hospitalization records. *J Am Heart Assoc*. 2019;8:e012727.
116. Ardisson Korat AV, Malik VS, Furtado JD, Sacks F, Rosner B, Rexrode KM, Willett WC, **Mozaffarian D**, Hu FB, Sun Q. Circulating very-long-chain SFA concentrations are inversely associated with incident type 2 diabetes in US men and women. *J Nutr*. 2020;150:340-349.
117. Kim DD, Wilde PE, Michaud DS, Liu J, Lizewski L, Onopa J, **Mozaffarian D**, Zhang FF, Wong JB. Cost effectiveness of nutrition policies on processed meat: implications for cancer burden in the U.S. *Am J Prev Med*. 2019;57:e143-e152.
118. **Mozaffarian D**. Dairy foods, dairy fat, diabetes, and death: what can be learned from 3 large new investigations? *Am J Clin Nutr*. 2019;110:1053-1054.
119. Shan Z, Rehm CD, Rogers G, Ruan M, Wang DD, Hu FB, **Mozaffarian D**, Zhang FF, Bhupathiraju SN. Trends in dietary carbohydrate, protein, and fat intake and diet quality among US adults, 1999-2016. *JAMA*. 2019;322:1178-1187.
120. BIRTH-GENE (BIG) Study Working Group, Huang T, Wang T, Zheng Y, Ellervik C, Li X, Gao M, Fang Z, Chai JF, Ahluwalia TVS, Wang Y, Voortman T, Noordam R, Frazier-Wood A, Scholz M, Sonestedt E, Akiyama M, Dorajoo R, Zhou A, Kilpeläinen TO, Kleber ME, Crozier SR, Godfrey KM, Lemaitre R, Felix JF, Shi Y, Gupta P, Khor CC, Lehtimäki T, Wang CA, Tiesler CMT, Thiering E, Standl M, Rzehak P, Marouli E, He M, Lecoeur C, Corella D, Lai CQ, Moreno LA, Pitkänen N, Boreham CA, Zhang T, Saw SM, Ridker PM, Graff M, van Rooij FJA, Uitterlinden AG, Hofman A, van Heemst D, Rosendaal FR, de Mutsert R, Burkhardt R, Schulz CA, Ericson U, Kamatani Y, Yuan JM, Power C, Hansen T, Sørensen TIA, Tjønneland A, Overvad K, Delgado G, Cooper C, Djousse L, Rivadeneira F, Jameson K,



- Zhao W, Liu J, Lee NR, Raitakari O, Kähönen M, Viikari J, Grote V, Langhendries JP, Koletzko B, Escribano J, Verduci E, Dedoussis G, Yu C, Tham YC, Lim B, Lim SH, Froguel P, Balkau B, Fink NR, Vinding RK, Sevelsted A, Bisgaard H, Coltell O, Dallongeville J, Gottrand F, Pahkala K, Niinikoski H, Hyppönen E, Pedersen O, März W, Inskip H, Jaddoe VWV, Dennison E, Wong TY, Sabanayagam C, Tai ES, Mohlke KL, Mackey DA, Gruszfeld D, Deloukas P, Tucker KL, Fumeron F, Bønnelykke K, Rossing P, Estruch R, Ordovas JM, Arnett DK, Meirhaeghe A, Amouyel P, Cheng CY, Sim X, Teo YY, van Dam RM, Koh WP, Orho-Melander M, Loeffler M, Kubo M, Thiery J, Mook-Kanamori DO, **Mozaffarian D**, Psaty BM, Franco OH, Wu T, North KE, Davey Smith G, Chavarro JE, Chasman DI, Qi L. Association of birth weight with type 2 diabetes and glycemic traits: a mendelian randomization study. *JAMA Netw Open*. 2019;2:e1910915.
121. **Mozaffarian D**. Dairy foods, obesity, and metabolic health: the role of the food matrix compared with single nutrients. *Adv Nutr*. 2019;10:917S-923S.
122. Muhammad A, Meade B, Marquardt DR, **Mozaffarian D**. Global patterns in price elasticities of sugar-sweetened beverage intake and potential effectiveness of tax policy: a cross-sectional study of 164 countries by sex, age and global-income decile. *BMJ Open*. 2019;9:e026390.
123. Merino J, Guasch-Ferré M, Ellervik C, Dashti HS, Sharp SJ, Wu P, Overvad K, Sarnowski C, Kuokkanen M, Lemaitre RN, Justice AE, Ericson U, Braun KVE, Mahendran Y, Frazier-Wood AC, Sun D, Chu AY, Tanaka T, Luan J, Hong J, Tjønneland A, Ding M, Lundqvist A, Mukamal K, Rohde R, Schulz CA, Franco OH, Grarup N, Chen YI, Bazzano L, Franks PW, Buring JE, Langenberg C, Liu CT, Hansen T, Jensen MK, Sääksjärvi K, Psaty BM, Young KL, Hindy G, Sandholt CH, Ridker PM, Ordovas JM, Meigs JB, Pedersen O, Kraft P, Perola M, North KE, Orho-Melander M, Voortman T, Toft U, Rotter JI, Qi L, Forouhi NG, **Mozaffarian D**, Sørensen TIA, Stampfer MJ, Männistö S, Selvin E, Imamura F, Salomaa V, Hu FB, Wareham NJ, Dupuis J, Smith CE, Kilpeläinen TO, Chasman DI, Florez JC. Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. *BMJ*. 2019;366:14292.
124. Collins B, Kypridemos C, Pearson-Stuttard J, Huang Y, Bandosz P, Wilde P, Kersh R, Capewell S, **Mozaffarian D**, Whitsel LP, Micha R, O'Flaherty M; Food-PRICE Investigators. FDA sodium reduction targets and the food industry: are there incentives to reformulate? Microsimulation cost-effectiveness analysis. *Milbank Q*. 2019;97:858-880.
125. Lemaitre RN, Jensen PN, Hoofnagle A, McKnight B, Fretts AM, King IB, Siscovick DS, Psaty BM, Heckbert SR, **Mozaffarian D**, Sotoodehnia N. Plasma ceramides and sphingomyelins in relation to heart failure risk. *Circ Heart Fail*. 2019;12:e005708.
126. Astrup A, Bertram HC, Bonjour JP, de Groot LC, de Oliveira Otto MC, Feeney EL, Garg ML, Givens I, Kok FJ, Krauss RM, Lamarche B, Lecerf JM, Legrand P, McKinley M, Micha R, Michalski MC, **Mozaffarian D**, Soedamah-Muthu SS. WHO draft guidelines on dietary saturated and trans fatty acids: time for a new approach? *BMJ*. 2019;366:14137.
127. Zeng L, Ruan M, Liu J, Wilde P, Naumova EN, **Mozaffarian D**, Zhang FF. Trends in processed meat, unprocessed red meat, poultry, and fish consumption in the United States, 1999-2016. *J Acad Nutr Diet*. 2019;119:1085-1098.
128. Pimpin L, Kranz S, Liu E, Shulkin M, Karageorgou D, Miller V, Fawzi W, Duggan C, Webb P, **Mozaffarian D**. Effects of animal protein supplementation of mothers, preterm infants, and term infants on growth outcomes in childhood: a systematic review and meta-analysis of randomized trials. *Am J Clin Nutr*. 2019;110:410-429.
129. **Mozaffarian D**. The microbiome, plasma metabolites, dietary habits, and cardiovascular risk unravelling their interplay. *Circ Res*. 2019;124:1695-1696.
130. Mendelian Randomization of Dairy Consumption Working Group (including **Mozaffarian D**); CHARGE consortium. Dairy intake and body composition and cardiometabolic traits among adults: Mendelian randomization analysis of 182041 individuals from 18 studies. *Clin Chem*. 2019;65:751-760.

131. Wu JHY, Micha R, **Mozaffarian D**. Dietary fats and cardiometabolic disease: mechanisms and effects on risk factors and outcomes. *Nat Rev Cardiol*. 2019;16:581-601.
132. Wang DD, Li Y, Afshin A, Springmann M, **Mozaffarian D**, Stampfer MJ, Hu FB, Murray CJL, Willett WC. Global improvement in dietary quality could lead to substantial reduction in premature death. *J Nutr*. 2019;149:1065-1074.
133. Wilde P, Pomeranz JL, Lizewski LJ, Ruan M, **Mozaffarian D**, Zhang FF. Legal feasibility of US government policies to reduce cancer risk by reducing intake of processed meat. *Milbank Q*. 2019;97:420-448.
134. **Mozaffarian D**, Mande J, Micha R. Food is medicine-the promise and challenges of integrating food and nutrition into health care. *JAMA Intern Med*. 2019;179:793-795.
135. Fretts AM, Imamura F, Marklund M, Micha R, Wu JHY, Murphy RA, Chien KL, McKnight B, Tintle N, Forouhi NG, Qureshi WT, Virtanen JK, Wong K, Wood AC, Lankinen M, Rajaobelina K, Harris TB, Djoussé L, Harris B, Wareham NJ, Steffen LM, Laakso M, Veenstra J, Samieri C, Brouwer IA, Yu CI, Koulman A, Steffen BT, Helmer C, Sotoodehnia N, Siscovick D, Gudnason V; InterAct Consortium, Wagenknecht L, Voutilainen S, Tsai MY, Uusitupa M, Kalsbeek A, Berr C, **Mozaffarian D**, Lemaitre RN. Associations of circulating very-long-chain saturated fatty acids and incident type 2 diabetes: a pooled analysis of prospective cohort studies. *Am J Clin Nutr*. 2019;109:1216-1223.
136. Huang Y, Kyridemos C, Liu J, Lee Y, Pearson-Stuttard J, Collins B, Bandosz P, Capewell S, Whitsel L, Wilde P, **Mozaffarian D**, O'Flaherty M, Micha R; Food-PRICE (Policy Review and Intervention Cost-Effectiveness) Project. Cost-effectiveness of the US Food and Drug Administration added sugar labeling policy for improving diet and health. *Circulation*. 2019;139:2613-2624.
137. Marklund M, Wu JHY, Imamura F, Del Gobbo LC, Fretts A, de Goede J, Shi P, Tintle N, Wennberg M, Aslibekyan S, Chen TA, de Oliveira Otto MC, Hirakawa Y, Eriksen HH, Kröger J, Laguzzi F, Lankinen M, Murphy RA, Prem K, Samieri C, Virtanen J, Wood AC, Wong K, Yang WS, Zhou X, Baylin A, Boer JMA, Brouwer IA, Campos H, Chaves PHM, Chien KL, de Faire U, Djoussé L, Eiriksdottir G, El-Abbadi N, Forouhi NG, Michael Gaziano J, Geleijnse JM, Gigante B, Giles G, Guallar E, Gudnason V, Harris T, Harris WS, Helmer C, Hellenius ML, Hodge A, Hu FB, Jacques PF, Jansson JH, Kalsbeek A, Khaw KT, Koh WP, Laakso M, Leander K, Lin HJ, Lind L, Luben R, Luo J, McKnight B, Mursu J, Ninomiya T, Overvad K, Psaty BM, Rimm E, Schulze MB, Siscovick D, Skjelbo Nielsen M, Smith AV, Steffen BT, Steffen L, Sun Q, Sundström J, Tsai MY, Tunstall-Pedoe H, Uusitupa MIJ, van Dam RM, Veenstra J, Monique Verschuren WM, Wareham N, Willett W, Woodward M, Yuan JM, Micha R, Lemaitre RN, **Mozaffarian D**, Risérus U; Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Fatty Acids and Outcomes Research Consortium (FORCE). Biomarkers of dietary omega-6 fatty acids and incident cardiovascular disease and mortality. *Circulation*. 2019;139:2422-2436.
138. GBD 2017 Diet Collaborators (including **Mozaffarian D**). Health effects of dietary risks in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet*. 2019;393:1958-1972.
139. Singh GM, Micha R, Khatibzadeh S, Shi P, Lim S, Andrews KG, Engell RE, Ezzati M, **Mozaffarian D**; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). Correction: Global, regional, and national consumption of sugar-sweetened beverages, fruit juices, and milk: a systematic assessment of beverage intake in 187 countries. *PLoS One*. 2019;14:e0214344.
140. Lee Y, **Mozaffarian D**, Sy S, Huang Y, Liu J, Wilde PE, Abrahams-Gessel S, Jardim TSV, Gaziano TA, Micha R. Cost-effectiveness of financial incentives for improving diet and health through Medicare and Medicaid: a microsimulation study. *PLoS Med*. 2019;16:e1002761.
141. **Mozaffarian D**, Griffin T, Mande J. The 2018 Farm Bill-implications and opportunities for public health. *JAMA*. 2019;321:835-836.

142. de Oliveira Otto MC, **Mozaffarian D**. Reply to H Kahleova and ND Barnard. *Am J Clin Nutr*. 2019;109:220–221.
143. de Oliveira Otto M, Anderson CAM, Dearborn JL, Ferranti EP, **Mozaffarian D**, Rao G, Wylie-Rosett J, Lichtenstein AH. Correction to: Dietary diversity: implications for obesity prevention in adult populations: a science advisory from the American Heart Association. *Circulation*. 2018;138:e712.
144. Jaacks LM, Vandevijvere S, Pan A, McGowan CJ, Wallace C, Imamura F, **Mozaffarian D**, Swinburn B, Ezzati M. The obesity transition: stages of the global epidemic. *Lancet Diabetes Endocrinol*. 2019;7:231-240.
145. Lemaitre RN, McKnight B, Sotoodehnia N, Fretts AM, Qureshi WT, Song X, King IB, Sitlani CM, Siscovick DS, Psaty BM, **Mozaffarian D**. Circulating very long-chain saturated fatty acids and heart failure: the Cardiovascular Health Study. *J Am Heart Assoc*. 2018;7:e010019.
146. Shangguan S, Afshin A, Shulkin M, Ma W, Marsden D, Smith J, Saheb-Kashaf M, Shi P, Micha R, Imamura F, **Mozaffarian D**; Food PRICE (Policy Review and Intervention Cost-Effectiveness) Project. A meta-analysis of food labeling effects on consumer diet behaviors and industry practices. *Am J Prev Med*. 2019;56:300-314.
147. Akintoye E, Sethi P, Harris WS, Thompson PA, Marchioli R, Tavazzi L, Latini R, Pretorius M, Brown NJ, Libby P, **Mozaffarian D**. Fish oil and perioperative bleeding. *Circ Cardiovasc Qual Outcomes*. 2018;11:e004584.
148. Wilde P, Huang Y, Sy S, Abrahams-Gessel S, Jardim TV, Paarlberg R, **Mozaffarian D**, Micha R, Gaziano T. Cost-effectiveness of a US national sugar-sweetened beverage tax with a multistakeholder approach: who pays and who benefits. *Am J Public Health*. 2019;109:276-284.
149. Bowen KJ, Richter CK, Skulas-Ray AC, **Mozaffarian D**, Kris-Etherton PM. Projected long-chain n-3 fatty acid intake post-replacement of vegetable oils with stearidonic acid-modified varieties: results from a national health and nutrition examination survey 2003-2008 analysis. *Lipids*. 2018;53:961-970.
150. Fang Zhang F, Liu J, Rehm CD, Wilde P, Mande JR, **Mozaffarian D**. Trends and disparities in diet quality among US adults by supplemental nutrition assistance program participation status. *JAMA Netw Open*. 2018;1:e180237.
151. GBD 2017 Risk Factor Collaborators (including **Mozaffarian D**). Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet*. 2018;392:1923-1994.
152. de Oliveira Otto MC, Anderson CAM, Dearborn JL, Ferranti EP, **Mozaffarian D**, Rao G, Wylie-Rosett J, Lichtenstein AH; American Heart Association Behavioral Change for Improving Health Factors Committee of the Council on Lifestyle and Cardiometabolic Health and Council on Epidemiology and Prevention; Council on Cardiovascular and Stroke Nursing; Council on Clinical Cardiology; and Stroke Council. Dietary diversity: implications for obesity prevention in adult populations: a science advisory from the American Heart Association. *Circulation*. 2018;138:e160-e168.
153. Lai HTM, de Oliveira Otto MC, Lemaitre RN, McKnight B, Song X, King IB, Chaves PHM, Odden MC, Newman AB, Siscovick DS, **Mozaffarian D**. Serial circulating omega 3 polyunsaturated fatty acids and healthy ageing among older adults in the Cardiovascular Health Study: prospective cohort study. *British Medical Journal*. 2018;363:k4067.
154. Imamura F, Fretts A, Marklund M, Ardisson Korat AV, Yang WS, Lankinen M, Qureshi W, Helmer C, Chen TA, Wong K, Bassett JK, Murphy R, Tintle N, Yu CI, Brouwer IA, Chien KL, Frazier-Wood AC, Del Gobbo LC, Djousse L, Geleijnse JM, Giles GG, de Goede J, Gudnason V, Harris WS, Hodge A, Hu F, Koulman A, Laakso M, Lind L, Lin HJ, McKnight B, Rajaobelina K, Riserus U, Robinson JG, Samieri

- C, Siscovick DS, Soedamah-Muthu SS, Sotoodehnia N, Sun Q, Tsai MY, Uusitupa M, Wagenknecht LE, Wareham NJ, Wu JH, Micha R, Forouhi NG, Lemaitre RN, **Mozaffarian D**. Fatty acid biomarkers of dairy fat consumption and incidence of type 2 diabetes: a pooled analysis of prospective cohort studies. *PLoS Medicine*. 2018;15:e1002670.
155. **Mozaffarian D**, Liu J, Sy S, Huang Y, Rehm C, Lee Y, Wilde P, Abrahams-Gessel S, de Souza Veiga Jardim T, Gaziano T, Micha R. Cost-effectiveness of financial incentives and disincentives for improving food purchases and health through the US Supplemental Nutrition Assistance Program (SNAP): a microsimulation study. *PLoS Medicine*. 2018;15:e1002661.
  156. Dehghan M, Mentz A, Rangarajan S, Sheridan P, Mohan V, Iqbal R, Gupta R, Lear S, Wentzel-Viljoen E, Avezum A, Lopez-Jaramillo P, Mony P, Varma RP, Kumar R, Chifamba J, Alhabib KF, Mohammadifard N, Oguz A, Lanan F, Rozanska D, Bostrom KB, Yusoff K, Tsolkile LP, Dans A, Yusufali A, Orlandini A, Poirier P, Khatib R, Hu B, Wei L, Yin L, Deeraili A, Yeates K, Yusuf R, Ismail N, **Mozaffarian D**, Teo K, Anand SS, Yusuf S. Association of dairy intake with cardiovascular disease and mortality in 21 countries from five continents (PURE): a prospective cohort study. *Lancet*. 2018;392:2288-2297.
  157. Karageorgou D, Imamura F, Zhang J, Shi P, **Mozaffarian D**, Micha R. Assessing dietary intakes from household budget surveys: a national analysis in Bangladesh. *PloS One*. 2018;13:e0202831.
  158. Nicholls SJ, Lincoff AM, Bash D, Ballantyne CM, Barter PJ, Davidson MH, Kastelein JJP, Koenig W, McGuire DK, **Mozaffarian D**, Pedersen TR, Ridker PM, Ray K, Karlson BW, Lundstrom T, Wolski K, Nissen SE. Assessment of omega-3 carboxylic acids in statin-treated patients with high levels of triglycerides and low levels of high-density lipoprotein cholesterol: rationale and design of the STRENGTH trial. *Clinical Cardiology*. 2018;41:1281-1288.
  159. de Oliveira Otto MC, Lemaitre RN, Song X, King IB, Siscovick DS, **Mozaffarian D**. Serial measures of circulating biomarkers of dairy fat and total and cause-specific mortality in older adults: the Cardiovascular Health Study. *The American Journal of Clinical Nutrition*. 2018;108:476-484.
  160. Rosettie KL, Micha R, Cudhea F, Penalvo JL, O'Flaherty M, Pearson-Stuttard J, Economos CD, Whitsel LP, **Mozaffarian D**. Comparative risk assessment of school food environment policies and childhood diets, childhood obesity, and future cardiometabolic mortality in the United States. *PloS One*. 2018;13:e0200378.
  161. **Mozaffarian D**, Rosenberg I, Uauy R. History of modern nutrition science-implications for current research, dietary guidelines, and food policy. *BMJ*. 2018;361:k2392.
  162. **Mozaffarian D**, Angell SY, Lang T, Rivera JA. Role of government policy in nutrition-barriers to and opportunities for healthier eating. *BMJ*. 2018;361:k2426.
  163. Pomeranz JL, Micha R, **Mozaffarian D**. Pomeranz et al. Respond. *American Journal of Public Health*. 2018;108:e18-e9.
  164. Rimm EB, Appel LJ, Chiuve SE, Djousse L, Engler MB, Kris-Etherton PM, **Mozaffarian D**, Siscovick DS, Lichtenstein AH. Seafood long-chain n-3 polyunsaturated fatty acids and cardiovascular disease: a science advisory from the American Heart Association. *Circulation*. 2018;138:e35-e47.
  165. Wilde PE, Conrad Z, Rehm CD, Pomeranz JL, Penalvo JL, Cudhea F, Pearson-Stuttard J, O'Flaherty M, Micha R, **Mozaffarian D**. Reductions in national cardiometabolic mortality achievable by food price changes according to Supplemental Nutrition Assistance Program (SNAP) eligibility and participation. *Journal of Epidemiology and Community Health*. 2018;72:817-24.
  166. de Oliveira Otto MC, Lemaitre RN, Sun Q, King IB, Wu JHY, Manichaikul A, Rich SS, Tsai MY, Chen YD, Fornage M, Weihua G, Aslibekyan S, Irvin MR, Kabagambe EK, Arnett DK, Jensen MK, McKnight B, Psaty BM, Steffen LM, Smith CE, Riserus U, Lind L, Hu FB, Rimm EB, Siscovick DS, **Mozaffarian D**. Genome-wide association meta-analysis of circulating odd-numbered chain saturated fatty acids: results from the CHARGE Consortium. *PloS One*. 2018;13:e0196951.

167. Brown AGM, Houser RF, Mattei J, Rehm CD, **Mozaffarian D**, Lichtenstein AH, Foltz SC. Diet quality among US-born and foreign-born non-Hispanic blacks: NHANES 2003-2012 data. *The American Journal of Clinical Nutrition*. 2018;107:695-706.
168. Huang Y, Pomeranz J, Wilde P, Capewell S, Gaziano T, O'Flaherty M, Kersh R, Whitsel L, **Mozaffarian D**, Micha R. Adoption and design of emerging dietary policies to improve cardiometabolic health in the US. *Current Atherosclerosis Reports*. 2018;20:25.
169. Pearson-Stuttard J, Kypridemos C, Collins B, **Mozaffarian D**, Huang Y, Bandosz P, Capewell S, Whitsel L, Wilde P, O'Flaherty M, Micha R. Estimating the health and economic effects of the proposed US Food and Drug Administration voluntary sodium reformulation: microsimulation cost-effectiveness analysis. *PLoS Medicine*. 2018;15:e1002551.
170. Mokdad AH, Ballestros K, Echko M, Glenn S, Olsen HE, Mullany E, Lee A, Khan AR, Ahmadi A, Ferrari AJ, Kasaiean A, Werdecker A, Carter A, Zipkin B, Sartorius B, Serdar B, Sykes BL, Troeger C, Fitzmaurice C, Rehm CD, Santomauro D, Kim D, Colombara D, Schwebel DC, Tsoi D, Kolte D, Nsoesie E, Nichols E, Oren E, Charlson FJ, Patton GC, Roth GA, Hosgood HD, Whiteford HA, Kyu H, Erskine HE, Huang H, Martopullo I, Singh JA, Nachega JB, Sanabria JR, Abbas K, Ong K, Tabb K, Krohn KJ, Cornaby L, Degenhardt L, Moses M, Farvid M, Griswold M, Criqui M, Bell M, Nguyen M, Wallin M, Mirarefin M, Qorbani M, Younis M, Fullman N, Liu P, Briant P, Gona P, Havmoller R, Leung R, Kimokoti R, Bazargan-Hejazi S, Hay SI, Yadgir S, Biryukov S, Vollset SE, Alam T, Frank T, Farid T, Miller T, Vos T, Barnighausen T, Gebrehiwot TT, Yano Y, Al-Aly Z, Mehari A, Handal A, Kandel A, Anderson B, Biroscak B, **Mozaffarian D**, Dorsey ER, Ding EL, Park EK, Wagner G, Hu G, Chen H, Sunshine JE, Khubchandani J, Leasher J, Leung J, Salomon J, Unutzer J, Cahill L, Cooper L, Horino M, Brauer M, Breitborde N, Hotez P, Topor-Madry R, Soneji S, Stranges S, James S, Amrock S, Jayaraman S, Patel T, Akinyemiju T, Skirbekk V, Kinfu Y, Bhutta Z, Jonas JB, Murray CJL. The state of US health, 1990-2016: burden of diseases, injuries, and risk factors among US states. *JAMA* 2018;319:1444-72.
171. Micha R, Karageorgou D, Bakogianni I, Trichia E, Whitsel LP, Story M, Penalvo JL, **Mozaffarian D**. Effectiveness of school food environment policies on children's dietary behaviors: a systematic review and meta-analysis. *PloS One*. 2018;13:e0194555.
172. Liu E, Pimpin L, Shulkin M, Kranz S, Duggan CP, **Mozaffarian D**, Fawzi WW. Effect of zinc supplementation on growth outcomes in children under 5 years of age. *Nutrients*. 2018;10:377.
173. **Mozaffarian D**, Forouhi NG. Dietary guidelines and health-is nutrition science up to the task? *BMJ*. 2018;360:k822.
174. Jackson JC, **Mozaffarian D**, Graves AJ, Brown NJ, Marchioli R, Kiehl AL, Ely EW. Fish oil supplementation does not affect cognitive outcomes in cardiac surgery patients in the Omega-3 Fatty Acids for Prevention of Post-operative Atrial Fibrillation (OPERA) trial. *The Journal of Nutrition*. 2018;148:472-9.
175. Shulkin M, Pimpin L, Bellinger D, Kranz S, Fawzi W, Duggan C, **Mozaffarian D**. n-3 fatty acid supplementation in mothers, preterm infants, and term infants and childhood psychomotor and visual development: a systematic review and meta-analysis. *The Journal of Nutrition*. 2018;148:409-18.
176. Masters WA, Rosettie KL, Kranz S, Danaei G, Webb P, **Mozaffarian D**. Designing programs to improve diets for maternal and child health: estimating costs and potential dietary impacts of nutrition-sensitive programs in Ethiopia, Nigeria, and India. *Health Policy and Planning*. 2018;33:564-73.
177. Micha R, Coates J, Leclercq C, Charrondiere UR, **Mozaffarian D**. Global dietary surveillance: data gaps and challenges. *Food and Nutrition Bulletin*. 2018;39:175-205.
178. **Mozaffarian D**, Wu JHY. Flavonoids, dairy foods, and cardiovascular and metabolic health: a review of emerging biologic pathways. *Circulation Research*. 2018;122:369-84.
179. Pomeranz JL, **Mozaffarian D**, Micha R. Can the government require health warnings on sugar-sweetened beverage advertisements? *JAMA*. 2018;319:227-8.

180. Pomeranz JL, Wilde P, Huang Y, Micha R, **Mozaffarian D**. Legal and administrative feasibility of a federal junk food and sugar-sweetened beverage tax to improve diet. *American Journal of Public Health*. 2018;108:203-9.
181. Wu JHY, **Mozaffarian D**. Linoleic acid and diabetes prevention - authors' reply. *The Lancet Diabetes & Endocrinology*. 2018;6:13.
182. Fischer M, Kao D, Kassam Z, Smith J, Louie T, Sipe B, Torbeck M, Xu H, Ouyang F, **Mozaffarian D**, Allegretti JR. Stool donor body mass index does not affect recipient weight after a single fecal microbiota transplantation for clostridium difficile infection. *Clinical Gastroenterology and Hepatology: the Official Clinical Practice Journal of the American Gastroenterological Association*. 2018;16:1351-3.
183. Mendelian Randomization of Dairy Consumption Working Group (including **Mozaffarian D**). Dairy consumption and body mass index among adults: Mendelian randomization analysis of 184802 individuals from 25 studies. *Clinical Chemistry*. 2018;64:183-91.
184. Aleksandrova K, **Mozaffarian D**, Pischon T. Addressing the perfect storm: biomarkers in obesity and pathophysiology of cardiometabolic risk. *Clinical Chemistry*. 2018;64:142-53.
185. Prabhakaran D, Anand S, Watkins D, Gaziano T, Wu Y, Mbanya JC, Nugent R. Cardiovascular, respiratory, and related disorders: key messages from Disease Control Priorities, 3rd edition. *Lancet*. 2018;391:1224-36.
186. McKeown NM, Dashti HS, Ma J, Haslam DE, Kiefte-de Jong JC, Smith CE, Tanaka T, Graff M, Lemaitre RN, Rybin D, Sonestedt E, Frazier-Wood AC, Mook-Kanamori DO, Li Y, Wang CA, Leermakers ETM, Mikkila V, Young KL, Mukamal KJ, Cupples LA, Schulz CA, Chen TA, Li-Gao R, Huang T, Oddy WH, Raitakari O, Rice K, Meigs JB, Ericson U, Steffen LM, Rosendaal FR, Hofman A, Kahonen M, Psaty BM, Brunkwall L, Uitterlinden AG, Viikari J, Siscovick DS, Seppala I, North KE, **Mozaffarian D**, Dupuis J, Orho-Melander M, Rich SS, de Mutsert R, Qi L, Pennell CE, Franco OH, Lehtimaki T, Herman MA. Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. *Diabetologia*. 2018;61:317-30.
187. Masters WA, Rosettie K, Kranz S, Pedersen SH, Webb P, Danaei G, **Mozaffarian D**. Priority interventions to improve maternal and child diets in Sub-Saharan Africa and South Asia. *Maternal & Child Nutrition*. 2018;14:e12526.
188. Akintoye E, Sellke F, Marchioli R, Tavazzi L, **Mozaffarian D**. Factors associated with postoperative atrial fibrillation and other adverse events after cardiac surgery. *The Journal of Thoracic and Cardiovascular Surgery*. 2018;155:242-51.
189. **Mozaffarian D**, Dashti HS, Wojczynski MK, Chu AY, Nettleton JA, Mannisto S, Kristiansson K, Reedik M, Lahti J, Houston DK, Cornelis MC, van Rooij FJA, Dimitriou M, Kanoni S, Mikkila V, Steffen LM, de Oliveira Otto MC, Qi L, Psaty B, Djousse L, Rotter JJ, Harald K, Perola M, Rissanen H, Jula A, Krista F, Mihailov E, Feitosa MF, Ngwa JS, Xue L, Jacques PF, Peralta MM, Palotie A, Liu Y, Nalls NA, Ferrucci L, Hernandez D, Manichaikul A, Tsai MY, Kiefte-de Jong JC, Hofman A, Uitterlinden AG, Rallidis L, Ridker PM, Rose LM, Buring JE, Lehtimaki T, Kahonen M, Viikari J, Lemaitre R, Salomaa V, Knekt P, Metspalu A, Borecki IB, Cupples LA, Eriksson JG, Kritchevsky SB, Bandinelli S, Siscovick D, Franco OH, Deloukas P, Dedoussis G, Chasman DI, Raitakari O, Tanaka T. Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. *PloS One*. 2017;12:e0186456.
190. Muhammad A, D'Souza A, Meade B, Micha R, **Mozaffarian D**. How income and food prices influence global dietary intakes by age and sex: evidence from 164 countries. *BMJ Global Health*. 2017;2:e000184.
191. Akintoye E, Briasoulis A, Egbe A, Dunlay SM, Kushwaha S, Levine D, Afonso L, **Mozaffarian D**, Weinberger J. National trends in admission and in-hospital mortality of patients with heart failure in the United States (2001-2014). *J Am Heart Assoc*. 2017;6:e006955.

192. Peñalvo JL, Cudhea F, Micha R, Rehm CD, Afshin A, Whitsel L, Wilde P, Gaziano T, Pearson-Stuttard J, O'Flaherty M, Capewell S, **Mozaffarian D**. The potential impact of food taxes and subsidies on cardiovascular disease and diabetes burden and disparities in the United States. *BMC Med*. 2017;15:208.
193. McKeown NM, Dashti HS, Ma J, Haslam DE, Kiefte-de Jong JC, Smith CE, Tanaka T, Graff M, Lemaitre RN, Rybin D, Sonestedt E, Frazier-Wood AC, Mook-Kanamori DO, Li Y, Wang CA, Leermakers ETM, Mikkilä V, Young KL, Mukamal KJ, Cupples LA, Schulz CA, Chen TA, Li-Gao R, Huang T, Oddy WH, Raitakari O, Rice K, Meigs JB, Ericson U, Steffen LM, Rosendaal FR, Hofman A, Kähönen M, Psaty BM, Brunkwall L, Uitterlinden AG, Viikari J, Siscovick DS, Seppälä I, North KE, **Mozaffarian D**, Dupuis J, Orho-Melander M, Rich SS, de Mutsert R, Qi L, Pennell CE, Franco OH, Lehtimäki T, Herman MA. Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. *Diabetologia*. 2018;61:317-330.
194. Wu JHY, Marklund M, Imamura F, Tintle N, Ardisson Korat AV, de Goede J, Zhou X, Yang WS, de Oliveira Otto MC, Kröger J, Qureshi W, Virtanen JK, Bassett JK, Frazier-Wood AC, Lankinen M, Murphy RA, Rajaobelina K, Del Gobbo LC, Forouhi NG, Luben R, Khaw KT, Wareham N, Kalsbeek A, Veenstra J, Luo J, Hu FB, Lin HJ, Siscovick DS, Boeing H, Chen TA, Steffen B, Steffen LM, Hodge A, Eriksdottir G, Smith AV, Gudnason V, Harris TB, Brouwer IA, Berr C, Helmer C, Samieri C, Laakso M, Tsai MY, Giles GG, Nurmi T, Wagenknecht L, Schulze MB, Lemaitre RN, Chien KL, Soedamah-Muthu SS, Geleijnse JM, Sun Q, Harris WS, Lind L, Ärnlöv J, Riserus U, Micha R, **Mozaffarian D**; Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Fatty Acids and Outcomes Research Consortium (FORCE). Omega-6 fatty acid biomarkers and incident type 2 diabetes: pooled analysis of individual-level data for 39 740 adults from 20 prospective cohort studies. *Lancet Diabetes Endocrinol*. 2017;5:965-974.
195. Masters WA, Rosettie K, Kranz S, Pedersen SH, Webb P, Danaei G, **Mozaffarian D**; Global Nutrition and Policy Consortium. Priority interventions to improve maternal and child diets in Sub-Saharan Africa and South Asia. *Matern Child Nutr*. 2018;14:e12526.
196. **Mozaffarian D**. Serum n-6 polyunsaturated fatty acids and risk of death: the Kuopio Ischaemic Heart Disease Risk Factor Study. PracticeUpdate website. Available at: <http://www.practiceupdate.com/content/serum-n-6-polyunsaturated-fatty-acids-and-risk-of-death/65941/65/2/1>. Accessed June 11, 2018.
197. Aleksandrova K, **Mozaffarian D**, Pischon T. Addressing the perfect storm: biomarkers in obesity and pathophysiology of cardiometabolic risk. *Clin Chem*. 2018;64:142-153.
198. Richter CK, Bowen KJ, **Mozaffarian D**, Kris-Etherton PM, Skulas-Ray AC. Total long-chain n-3 fatty acid intake and food sources in the United States compared to recommended intakes: NHANES 2003-2008. *Lipids*. 2017;52:917-927.
199. Pomeranz JL, **Mozaffarian D**, Micha R. The potential for federal preemption of state and local sugar-sweetened beverage taxes. *Am J Prev Med*. 2017;53:740-743.
200. Akintoye E, Sellke F, Marchioli R, Tavazzi L, **Mozaffarian D**. Factors associated with postoperative atrial fibrillation and other adverse events after cardiac surgery. *J Thorac Cardiovasc Surg*. 2018;155:242-251.
201. Saber H, Yakoob MY, Shi P, Longstreth WT Jr, Lemaitre RN, Siscovick D, Rexrode KM, Willett WC, **Mozaffarian D**. Omega-3 fatty acids and incident ischemic stroke and its atherothrombotic and cardioembolic subtypes in 3 US cohorts. *Stroke*. 2017;48:2678-2685.
202. Brown AGM, Houser RF, Mattei J, **Mozaffarian D**, Lichtenstein AH, Folta SC. Hypertension among US-born and foreign-born non-Hispanic blacks: National Health and Nutrition Examination Survey 2003-2014 data. *J Hypertens*. 2017;35:2380-2387.
203. Sotos-Prieto M, Cash SB, Christophi CA, Folta S, Moffatt S, Muegge C, Korre M, **Mozaffarian D**, Kales SN. Rationale and design of feeding America's bravest: Mediterranean diet-based intervention to change

- firefighters' eating habits and improve cardiovascular risk profiles. *Contemp Clin Trials*. 2017;61:101-107.
204. Pearson-Stuttard J, Bandosz P, Rehm CD, Penalvo J, Whitsel L, Gaziano T, Conrad Z, Wilde P, Micha R, Lloyd-Williams F, Capewell S, **Mozaffarian D**, O'Flaherty M. Reducing US cardiovascular disease burden and disparities through national and targeted dietary policies: a modelling study. *PLoS Med*. 2017;14:e1002311.
  205. Pearson-Stuttard J, Bandosz P, Rehm CD, Afshin A, Peñalvo JL, Whitsel L, Danaei G, Micha R, Gaziano T, Lloyd-Williams F, Capewell S, **Mozaffarian D**, O'Flaherty M. Comparing effectiveness of mass media campaigns with price reductions targeting fruit and vegetable intake on US cardiovascular disease mortality and race disparities. *Am J Clin Nutr*. 2017;106:199-206.
  206. Kranz S, Pimpin L, Fawzi W, Duggan C, Webb P, **Mozaffarian D**. Mortality benefits of vitamin A are not affected by varying frequency, total dose, or duration of supplementation. *Food Nutr Bull*. 2017;38:260-266.
  207. Micha R, Shulkin ML, Peñalvo JL, Khatibzadeh S, Singh GM, Rao M, Fahimi S, Powles J, **Mozaffarian D**. Etiologic effects and optimal intakes of foods and nutrients for risk of cardiovascular diseases and diabetes: systematic reviews and meta-analyses from the Nutrition and Chronic Diseases Expert Group (NutriCoDE). *PLoS One*. 2017;12:e0175149.
  208. Cho Y, Cudhea F, Park JH, **Mozaffarian D**, Singh G, Shin MJ. Burdens of cardiometabolic diseases attributable to dietary and metabolic risks in Korean adults 2012-2013. *Yonsei Med J*. 2017;58:540-551.
  209. Hu Y, Tanaka T, Zhu J, Guan W, Wu JHY, Psaty BM, McKnight B, King IB, Sun Q, Richard M, Manichaikul A, Frazier-Wood AC, Kabagambe EK, Hopkins PN, Ordovas JM, Ferrucci L, Bandinelli S, Arnett DK, Chen YI, Liang S, Siscovick DS, Tsai MY, Rich SS, Fornage M, Hu FB, Rimm EB, Jensen MK, Lemaitre RN, **Mozaffarian D**, Steffen LM, Morris AP, Li H, Lin X. Discovery and fine-mapping of loci associated with MUFAs through trans-ethnic meta-analysis in Chinese and European populations. *J Lipid Res*. 2017;58:974-981.
  210. Conrad Z, Rehm CD, Wilde P, **Mozaffarian D**. Cardiometabolic mortality by supplemental nutrition assistance program participation and eligibility in the United States. *Am J Public Health*. 2017;107:466-474.
  211. Micha R, Peñalvo JL, Cudhea F, Imamura F, Rehm CD, **Mozaffarian D**. Association between dietary factors and mortality from heart disease, stroke, and type 2 diabetes in the United States. *JAMA*. 2017;317:912-924.
  212. Afshin A, Peñalvo JL, Del Gobbo L, Silva J, Michaelson M, O'Flaherty M, Capewell S, Spiegelman D, Danaei G, **Mozaffarian D**. The prospective impact of food pricing on improving dietary consumption: a systematic review and meta-analysis. *PLoS One*. 2017;12:e0172277.
  213. **Mozaffarian D**. Foods, obesity, and diabetes-are all calories created equal? *Nutr Rev*. 2017;75:19-31.
  214. Webb M, Fahimi S, Singh GM, Khatibzadeh S, Micha R, Powles J, **Mozaffarian D**. Cost effectiveness of a government supported policy strategy to decrease sodium intake: global analysis across 183 nations. *BMJ*. 2017;356:i6699.
  215. Liu AG, Ford NA, Hu FB, Zelman KM, **Mozaffarian D**, Kris-Etherton PM. A healthy approach to dietary fats: understanding the science and taking action to reduce consumer confusion. *Nutr J*. 2017;16:53.
  216. **Mozaffarian D**. Global scourge of cardiovascular disease: time for health care systems reform and precision population health. *J Am Coll Cardiol*. 2017;70:26-28.



217. **Mozaffarian D.** Conflict of interest and the role of the food industry in nutrition research. *JAMA*. 2017;317:1755-1756.
218. Siscovick DS, Barringer TA, Fretts AM, Wu JH, Lichtenstein AH, Costello RB, Kris-Etherton PM, Jacobson TA, Engler MB, Alger HM, Appel LJ, **Mozaffarian D**; American Heart Association Nutrition Committee of the Council on Lifestyle and Cardiometabolic Health; Council on Epidemiology and Prevention; Council on Cardiovascular Disease in the Young; Council on Cardiovascular and Stroke Nursing; and Council on Clinical Cardiology. Omega-3 polyunsaturated fatty acid (fish oil) supplementation and the prevention of clinical cardiovascular disease: a science advisory from the American Heart Association. *Circulation*. 2017;135:e867-e884.
219. Benjamin EJ, Blaha MJ, Chiuve SE, Cushman M, Das SR, Deo R, de Ferranti SD, Floyd J, Fornage M, Gillespie C, Isasi CR, Jiménez MC, Jordan LC, Judd SE, Lackland D, Lichtman JH, Lisabeth L, Liu S, Longenecker CT, Mackey RH, Matsushita K, **Mozaffarian D**, Mussolino ME, Nasir K, Neumar RW, Palaniappan L, Pandey DK, Thiagarajan RR, Reeves MJ, Ritchey M, Rodriguez CJ, Roth GA, Rosamond WD, Sasson C, Towfighi A, Tsao CW, Turner MB, Virani SS, Voeks JH, Willey JZ, Wilkins JT, Wu JH, Alger HM, Wong SS, Muntner P; American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Heart Disease and Stroke Statistics-2017 Update: a report from the American Heart Association. *Circulation*. 2017;135:e146-e603.
220. **Mozaffarian D.** Foods, obesity, and diabetes-are all calories created equal? *Nutr Rev*. 2017;75:19-31.
221. **Mozaffarian D.** Foods, nutrients, and health: when will our policies catch up with nutrition science? *Lancet Diabetes Endocrinol*. 2017;5:85-88.
222. Cho Y, Cudhea F, Park JH, Lee JT, **Mozaffarian D**, Singh G, Shin MJ. Estimating change in cardiovascular disease and diabetes burdens due to dietary and metabolic factors in Korea 1998-2011: a comparative risk assessment analysis. *BMJ Open*. 2016;6:e013283.
223. Khatibzadeh S, Saheb Kashaf M, Micha R, Fahimi S, Shi P, Elmadfa I, Kalantarian S, Wirojratana P, Ezzati M, Powles J, **Mozaffarian D**; Global Burden of Diseases Nutrition; Chronic Diseases Expert Group (NutriCode). A global database of food and nutrient consumption. *Bull World Health Organ*. 2016;94:931-934.
224. Yakoob MY, Micha R, Khatibzadeh S, Singh GM, Shi P, Ahsan H, Balakrishna N, Brahmam GN, Chen Y, Afshin A, Fahimi S, Danaei G, Powles JW, Ezzati M, **Mozaffarian D**; Global Burden of Diseases, Injuries, and Risk Factors: Nutrition and Chronic Diseases Expert Group, and Metabolic Risk Factors of Chronic Diseases Collaborating Group. Impact of dietary and metabolic risk factors on cardiovascular and diabetes mortality in South Asia: analysis from the 2010 Global Burden of Disease Study. *Am J Public Health*. 2016;106:2113-2125.
225. Afshin A, Babalola D, Mclean M, Yu Z, Ma W, Chen CY, Arabi M, **Mozaffarian D.** Information technology and lifestyle: a systematic evaluation of internet and mobile interventions for improving diet, physical activity, obesity, tobacco, and alcohol use. *J Am Heart Assoc*. 2016;5:e003058.
226. Imamura F, Micha R, Wu JH, de Oliveira Otto MC, Otite FO, Abioye AI, **Mozaffarian D.** Effects of saturated fat, polyunsaturated fat, monounsaturated fat, and carbohydrate on glucose-insulin homeostasis: a systematic review and meta-analysis of randomised controlled feeding trials. *PLoS Med*. 2016;13:e1002087.
227. Del Gobbo LC, Imamura F, Aslibekyan S, Marklund M, Virtanen JK, Wennberg M, Yakoob MY, Chiuve SE, Dela Cruz L, Frazier-Wood AC, Fretts AM, Guallar E, Matsumoto C, Prem K, Tanaka T, Wu JH, Zhou X, Helmer C, Ingelsson E, Yuan JM, Barberger-Gateau P, Campos H, Chaves PH, Djoussé L, Giles GG, Gómez-Aracena J, Hodge AM, Hu FB, Jansson JH, Johansson I, Khaw KT, Koh WP, Lemaitre RN, Lind L, Luben RN, Rimm EB, Riserus U, Samieri C, Franks PW, Siscovick DS, Stampfer M, Steffen LM, Steffen BT, Tsai MY, van Dam RM, Voutilainen S, Willett WC, Woodward M, **Mozaffarian D**; Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Fatty Acids and Outcomes

- Research Consortium (FORCe).  $\omega$ -3 polyunsaturated fatty acid biomarkers and coronary heart disease: pooling project of 19 cohort studies. *JAMA Intern Med.* 2016;176:1155-66.
228. Pimpin L, Wu JH, Haskelberg H, Del Gobbo L, **Mozaffarian D**. Is butter back? A systematic review and meta-analysis of butter consumption and risk of cardiovascular disease, diabetes, and total mortality. *PLoS One.* 2016;11:e0158118.
229. Rehm CD, Peñalvo JL, Afshin A, **Mozaffarian D**. Dietary intake among US adults, 1999-2012. *JAMA.* 2016;315:2542-53.
230. Lemaitre RN, Bartz TM, King IB, Brody JA, McKnight B, Sotoodehnia N, Rea TD, Johnson CO, **Mozaffarian D**, Hesselson S, Kwok PY, Siscovick DS. Circulating n-3 fatty acids and trans-fatty acids, PLA2G2A gene variation and sudden cardiac arrest. *J Nutr Sci.* 2016;5:e12.
231. Fung TT, Pan A, Hou T, **Mozaffarian D**, Rexrode KM, Willett WC, Hu FB. Food quality score and the risk of coronary artery disease: a prospective analysis in 3 cohorts. *Am J Clin Nutr.* 2016;104:65-72.
232. Yakoob MY, Shi P, Willett WC, Rexrode KM, Campos H, Orav EJ, Hu FB, **Mozaffarian D**. Circulating biomarkers of dairy fat and risk of incident diabetes mellitus among US men and women in two large prospective cohorts. *Circulation.* 2016;133:1645-54.
233. de Oliveira Otto MC, Afshin A, Micha R, Khatibzadeh S, Fahimi S, Singh G, Danaei G, Sichieri R, Monteiro CA, Louzada ML, Ezzati M, **Mozaffarian D**; Global Burden of Diseases, Injuries, and Risk Factors Metabolic Risk Factors of Chronic Diseases Expert Group and Nutrition and Chronic Diseases Expert Group (NutriCoDE). The impact of dietary and metabolic risk factors on cardiovascular diseases and type 2 diabetes mortality in Brazil. *PLoS One.* 2016;11:e0151503.
234. Martínez Steele E, Baraldi LG, Louzada ML, Moubarac JC, **Mozaffarian D**, Monteiro CA. Ultra-processed foods and added sugars in the US diet: evidence from a nationally representative cross-sectional study. *BMJ Open.* 2016;6:e009892.
235. Shah RV, Murthy VL, Allison MA, Ding J, Budoff M, Frazier-Wood AC, Lima JA, Steffen L, Siscovick D, Tucker KL, Ouyang P, Abbasi SA, Danielson K, Jerosch-Herold M, **Mozaffarian D**. Diet and adipose tissue distributions: the Multi-Ethnic Study of Atherosclerosis. *Nutr Metab Cardiovasc Dis.* 2016;26:185-93.
236. Pearson-Stuttard J, Guzman-Castillo M, Penalvo JL, Rehm CD, Afshin A, Danaei G, Kyridemos C, Gaziano T, **Mozaffarian D**, Capewell S, O'Flaherty M. Modeling future cardiovascular disease mortality in the United States: national trends and racial and ethnic disparities. *Circulation.* 2016;133:967-78.
237. **Mozaffarian D**, Benjamin EJ, Go AS, Arnett DK, Blaha MJ, Cushman M, Das SR, de Ferranti S, Després JP, Fullerton HJ, Howard VJ, Huffman MD, Isasi CR, Jiménez MC, Judd SE, Kissela BM, Lichtman JH, Lisabeth LD, Liu S, Mackey RH, Magid DJ, McGuire DK, Mohler ER 3rd, Moy CS, Muntner P, Mussolino ME, Nasir K, Neumar RW, Nichol G, Palaniappan L, Pandey DK, Reeves MJ, Rodriguez CJ, Rosamond W, Sorlie PD, Stein J, Towfighi A, Turan TN, Virani SS, Woo D, Yeh RW, Turner MB. Executive Summary: Heart Disease and Stroke Statistics-2016 Update: a report from the American Heart Association. American Heart Association Statistics Committee and Stroke Statistics Subcommittee. *Circulation.* 2016;133:447-54.
238. Smith MR, Micha R, Golden CD, **Mozaffarian D**, Myers SS. Global Expanded Nutrient Supply (GENUS) Model: a new method for estimating the global dietary supply of nutrients. *PLoS One.* 2016;11:e0146976.
239. Ma Y, Follis JL, Smith CE, Tanaka T, Manichaikul AW, Chu AY, Samieri C, Zhou X, Guan W, Wang L, Biggs ML, Chen YD, Hernandez DG, Borecki I, Chasman DI, Rich SS, Ferrucci L, Irvin MR, Aslibekyan S, Zhi D, Tiwari HK, Claas SA, Sha J, Kabagambe EK, Lai CQ, Parnell LD, Lee YC, Amouyel P, Lambert JC, Psaty BM, King IB, **Mozaffarian D**, McKnight B, Bandinelli S, Tsai MY, Ridker PM, Ding J, Mstat KL, Liu Y, Sotoodehnia N, Barberger-Gateau P, Steffen LM, Siscovick DS, Absher D, Arnett DK, Ordovás JM, Lemaitre RN. Interaction of methylation-related genetic variants with circulating fatty

- acids on plasma lipids: a meta-analysis of 7 studies and methylation analysis of 3 studies in the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. *Am J Clin Nutr.* 2016;103:567-78.
240. Wang Q, Afshin A, Yakoob MY, Singh GM, Rehm CD, Khatibzadeh S, Micha R, Shi P, **Mozaffarian D**; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). Impact of nonoptimal intakes of saturated, polyunsaturated, and trans fat on global burdens of coronary heart disease. *J Am Heart Assoc.* 2016;5:e002891.
  241. Akintoye E, Wu JH, Hou T, Song X, Yang J, Hammock B, **Mozaffarian D**. Effect of fish oil on monoepoxides derived from fatty acids during cardiac surgery. *J Lipid Res.* 2016;57:492-8.
  242. Fretts AM, **Mozaffarian D**, Siscovick DS, King IB, McKnight B, Psaty BM, Rimm EB, Sitlani C, Sacks FM, Song X, Sotoodehnia N, Spiegelman D, Lemaitre RN. Associations of plasma phospholipid SFAs with total and cause-specific mortality in older adults differ according to SFA chain length. *J Nutr.* 2016;146:298-305.
  243. **Mozaffarian D**, Benjamin EJ, Go AS, Arnett DK, Blaha MJ, Cushman M, Das SR, de Ferranti S, Després JP, Fullerton HJ, Howard VJ, Huffman MD, Isasi CR, Jiménez MC, Judd SE, Kissela BM, Lichtman JH, Lisabeth LD, Liu S, Mackey RH, Magid DJ, McGuire DK, Mohler ER 3rd, Moy CS, Muntner P, Mussolino ME, Nasir K, Neumar RW, Nichol G, Palaniappan L, Pandey DK, Reeves MJ, Rodriguez CJ, Rosamond W, Sorlie PD, Stein J, Towfighi A, Turan TN, Virani SS, Woo D, Yeh RW, Turner MB. Heart Disease and Stroke Statistics-2016 Update: a report from the American Heart Association. *Circulation.* 2016;133:447-54.
  244. **Mozaffarian D**. Dietary and policy priorities for cardiovascular disease, diabetes, and obesity: a comprehensive review. *Circulation.* 2016;133:187-225.
  245. **Mozaffarian D**. Explanation of errors in abstract and supplement and in the reporting of analyses. *JAMA Intern Med.* 2016;176:1727-1728.
  246. **Mozaffarian D**, Peñalvo JL. The global promise of healthy lifestyle and social connections for better health in people with diabetes. *Am J Kidney Dis.* 2016;68:1-4.
  247. **Mozaffarian D**. Food and weight gain: time to end our fear of fat. *Lancet Diabetes Endocrinol.* 2016;4:633-5.
  248. Del Gobbo LC, Falk MC, Feldman R, Lewis K, **Mozaffarian D**. Reply to G-C Chen et al. *Am J Clin Nutr.* 2016;103:1186-7.
  249. **Mozaffarian D**. Natural trans fat, dairy fat, partially hydrogenated oils, and cardiometabolic health: the Ludwigshafen Risk and Cardiovascular Health Study. *Eur Heart J.* 2016;37:1079-81. (Invited editorial)
  250. Afshin A, Penalvo J, Del Gobbo L, Kashaf M, Micha R, Morrish K, Pearson-Stuttard J, Rehm C, Shangguan S, Smith JD, **Mozaffarian D**. CVD prevention through policy: a review of mass media, food labeling, taxation / subsidies, built environment, school procurement, worksite wellness, and marketing standards to improve diet. *Curr Cardiol Rep.* 2015;17:98.
  251. GBD 2013 Risk Factors Collaborators (including **Mozaffarian D**). Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet.* 2015;386:2287-323.
  252. Fretts AM, Follis JL, Nettleton JA, Lemaitre RN, Ngwa JS, Wojczynski MK, Kalafati IP, Varga TV, Frazier-Wood AC, Houston DK, Lahti J, Ericson U, van den Hooven EH, Mikkilä V, Kiefe-de Jong JC, **Mozaffarian D**, Rice K, Renström F, North KE, McKeown NM, Feitosa MF, Kanoni S, Smith CE, Garcia ME, Tiainen AM, Sonestedt E, Manichaikul A, van Rooij FJ, Dimitriou M, Raitakari O, Pankow JS, Djoussé L, Province MA, Hu FB, Lai CQ, Keller MF, Perälä MM, Rotter JI, Hofman A, Graff M, Kähönen M, Mukamal K, Johansson I, Ordovas JM, Liu Y, Männistö S, Uitterlinden AG, Deloukas P, Seppälä I, Psaty BM, Cupples LA, Borecki IB, Franks PW, Arnett DK, Nalls MA, Eriksson JG, Orholm-Melander M, Franco OH, Lehtimäki T, Dedoussis GV, Meigs JB, Siscovick DS. Consumption of meat is

associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. *Am J Clin Nutr.* 2015;102:1266-78.

253. GBD 2013 DALYs and HALE Collaborators (including **Mozaffarian D**). Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. *Lancet.* 2015;386:2145-91.
254. Louzada ML, Baraldi LG, Steele EM, Martins AP, Canella DS, Moubarac JC, Levy RB, Cannon G, Afshin A, Imamura F, **Mozaffarian D**, Monteiro CA. Consumption of ultra-processed foods and obesity in Brazilian adolescents and adults. *Prev Med.* 2015;81:9-15.
255. Smith MR, Singh GM, **Mozaffarian D**, Myers SS. Effects of decreases of animal pollinators on human nutrition and global health: a modelling analysis. *Lancet.* 2015;386:1964-72.
256. Del Gobbo LC, Kalantarian S, Imamura F, Lemaitre R, Siscovick DS, Psaty BM, **Mozaffarian D**. Contribution of major lifestyle risk factors for incident heart failure in older adults: the Cardiovascular Health Study. *JACC Heart Fail.* 2015;3:520-8.
257. Shadman R, Poole JE, Dardas TF, **Mozaffarian D**, Cleland JG, Swedberg K, Maggioni AP, Anand IS, Carson PE, Miller AB, Levy WC. A novel method to predict the proportional risk of sudden cardiac death in heart failure: derivation of the Seattle Proportional Risk Model. *Heart Rhythm.* 2015;12:2069-77.
258. Singh GM, Micha R, Khatibzadeh S, Lim S, Ezzati M, **Mozaffarian D**; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE)\*. Estimated global, regional, and national disease burdens related to sugar-sweetened beverage consumption in 2010. *Circulation.* 2015;132:639-66.
259. Del Gobbo LC, Falk MC, Feldman R, Lewis K, **Mozaffarian D**. Are phytosterols responsible for the low-density lipoprotein-lowering effects of tree nuts?: a systematic review and meta-analysis. *J Am Coll Cardiol.* 2015;65:2765-7.
260. Fung TT, Pan A, Hou T, Chiuve SE, Tobias DK, **Mozaffarian D**, Willett WC, Hu FB. Long-term change in diet quality is associated with body weight change in men and women. *J Nutr.* 2015;145:1850-6.
261. Soares-Miranda L, Imamura F, Siscovick D, Jenny NS, Fitzpatrick AL, **Mozaffarian D**. Physical activity, physical fitness, and leukocyte telomere length. *Med Sci Sports Exerc.* 2015;47:2525-34.
262. Global Burden of Disease Study 2013 Collaborators (including **Mozaffarian D**). Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet.* 2015;386:743-800.
263. Malik VS, Chiuve SE, Campos H, Rimm EB, **Mozaffarian D**, Hu FB, Sun Q. Circulating very-long chain saturated fatty acids and incident coronary heart disease in U.S. men and women. *Circulation.* 2015;132:260-8.
264. Afshin A, Micha R, Khatibzadeh S, Fahimi S, Shi P, Powles J, Singh G, Yakoob MY, Abdollahi M, Al-Hooti S, Farzadfar F, Houshiar-Rad A, Hwalla N, Koksai E, Musaiger A, Pekcan G, Sibai AM, Zaghoul S, Danaei G, Ezzati M, **Mozaffarian D**; 2010 Global Burden of Diseases, Injuries, and Risk Factors Study: NUTRItion and ChrOnic Diseases Expert Group (NUTRICODE), and Metabolic Risk Factors of ChrOnic Diseases Collaborating Group. The impact of dietary habits and metabolic risk factors on cardiovascular and diabetes mortality in countries of the Middle East and North Africa in 2010: a comparative risk assessment analysis. *BMJ Open.* 2015;5:e006385.
265. Nettleton JA, Follis JL, Ngwa JS, Smith CE, Ahmad S, Tanaka T, Wojczynski MK, Voortman T, Lemaitre RN, Kristiansson K, Nuotio ML, Houston DK, Perälä MM, Qi Q, Sonestedt E, Manichaikul A, Kanoni S, Ganna A, Mikkilä V, North KE, Siscovick DS, Harald K, McKeown NM, Johansson I, Rissanen H, Liu Y, Lahti J, Hu FB, Bandinelli S, Rukh G, Rich S, Booi L, Dimitriou M, Ax E, Raitakari O, Mukamal K, Männistö S, Hallmans G, Jula A, Ericson U, Jacobs DR Jr, van Rooij FJ, Deloukas P, Sjögren P, Kähönen M, Djousse L, Perola M, Barroso I, Hofman A, Stirrups K, Viikari J, Uitterlinden AG, Kalafati IP, Franco OH, **Mozaffarian D**, Salomaa V, Borecki IB, Knekt P, Kritchevsky SB, Eriksson

- JG, Dedoussis GV, Qi L, Ferrucci L, Orho-Melander M, Zillikens MC, Ingelsson E, Lehtimäki T, Renström F, Cupples LA, Loos R, Franks PW. Genexdietary pattern interactions in obesity: analysis of up to 68,317 adults of European ancestry. *Humn Mol Genet.* 2015;24:4728-38.
266. Wu JH, Marchioli R, Silletta MG, Masson S, Sellke FW, Libby P, Milne GL, Brown NJ, Lombardi F, Damiano RJ, Marsala J, Rinaldi M, Domenech A, Simon C, Tavazzi L, **Mozaffarian D**. Oxidative stress biomarkers and incidence of postoperative atrial fibrillation in the Omega-3 Fatty Acids for Prevention of Postoperative Atrial Fibrillation (OPERA) trial. *J Am Heart Assoc.* 2015;4:e001886.
267. Smith JD, Hou T, Ludwig DS, Rimm EB, Willett W, Hu FB, **Mozaffarian D**. Changes in intake of protein foods, carbohydrate amount and quality, and long-term weight change: results from 3 prospective cohorts. *Am J Clin Nutr.* 2015;101:1216-24.
268. Del Gobbo LC, Khatibzadeh S, Imamura F, Micha R, Shi P, Smith M, Myers SS, **Mozaffarian D**. Assessing global dietary habits: a comparison of national estimates from the FAO and the Global Dietary Database. *Am J Clin Nutr.* 2015;101:1038-46.
269. Lemaitre RN, Fretts AM, Sitlani CM, Biggs ML, Mukamal K, King IB, Song X, Djousse L, Siscovick DS, McKnight B, Sotoodehnia N, Kizer JR, **Mozaffarian D**. Plasma phospholipid very-long-chain saturated fatty acids and incident diabetes in older adults: the Cardiovascular Health Study. *Am J Clin Nutr.* 2015;101:1047-54.
270. Wang Q, Imamura F, Ma W, Wang M, Lemaitre RN, King IB, Song X, Biggs ML, Delaney JA, Mukamal KJ, Djousse L, Siscovick DS, **Mozaffarian D**. Circulating and dietary trans fatty acids and incident type 2 diabetes mellitus in older adults: the Cardiovascular Health Study. *Diabetes Care.* 2015;38:1099-107.
271. Imamura F, Micha R, Khatibzadeh S, Fahimi S, Shi P, Powles J, **Mozaffarian D**; Global Burden of Disease Nutrition and Chronic Disease Expert Group (NutriCoDE). Dietary quality among men and women in 187 countries in 1990 and 2010: a systematic assessment. *Lancet Glob Health.* 2015;3:e132-42.
272. **Mozaffarian D**, Kabagambe EK, Johnson CO, Lemaitre RN, Manichaikul A, Sun Q, Foy M, Wang L, Wiener H, Irvin MR, Rich SS, Wu H, Jensen MK, Chasman DI, Chu AY, Fornage M, Steffen L, King IB, McKnight B, Psaty BM, Djousse L, Chen IY, Wu JH, Siscovick DS, Ridker PM, Tsai MY, Rimm EB, Hu FB, Arnett DK. Genetic loci associated with circulating phospholipid trans fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. *Am J Clin Nutr.* 2015;101:398-406.
273. Smith CE, Follis JL, Nettleton JA, Foy M, Wu JH, Ma Y, Tanaka T, Manichakul AW, Wu H, Chu AY, Steffen LM, Fornage M, **Mozaffarian D**, Kabagambe EK, Ferruci L, Chen YI, Rich SS, Djoussé L, Ridker PM, Tang W, McKnight B, Tsai MY, Bandinelli S, Rotter JI, Hu FB, Chasman DI, Psaty BM, Arnett DK, King IB, Sun Q, Wang L, Lumley T, Chiuve SE, Siscovick DS, Ordovás JM, Lemaitre RN. Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: meta-analysis of nine studies in the CHARGE Consortium. *Mol Nutr Food Res.* 2015;59:1373-83.
274. GBD 2013 Mortality and Cause of Death Collaborators (712 collaborators). Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet.* 2015;385:117-71.
275. Ma W, Wu JH, Wang Q, Lemaitre RN, Mukamal KJ, Djoussé L, King IB, Song X, Biggs ML, Delaney JA, Kizer JR, Siscovick DS, **Mozaffarian D**. Prospective association of fatty acids in the de novo lipogenesis pathway with risk of type 2 diabetes: the Cardiovascular Health Study. *Am J Clin Nutr.* 2015;101:153-63.
276. Dashti HS, Follis JL, Smith CE, Tanaka T, Cade BE, Gottlieb DJ, Hruby A, Jacques PF, Lamon-Fava S, Richardson K, Saxena R, Scheer FA, Kovanen L, Bartz TM, Perälä MM, Jonsson A, Frazier-Wood AC, Kalafati IP, Mikkilä V, Partonen T, Lemaitre RN, Lahti J, Hernandez DG, Toft U, Johnson WC, Kanoni S, Raitakari OT, Perola M, Psaty BM, Ferrucci L, Grarup N, Highland HM, Rallidis L, Kähönen M, Havulinna AS, Siscovick DS, Räikkönen K, Jørgensen T, Rotter JI, Deloukas P, Viikari JS, **Mozaffarian D**, Linneberg A, Seppälä I, Hansen T, Salomaa V, Gharib SA, Eriksson JG, Bandinelli S,

- Pedersen O, Rich SS, Dedoussis G, Lehtimäki T, Ordovás JM. Habitual sleep duration is associated with BMI and macronutrient intake and may be modified by CLOCK genetic variants. *Am J Clin Nutr*. 2015;101:135-43.
277. **Mozaffarian D**, Benjamin EJ, Go AS, Arnett DK, Blaha MJ, Cushman M, de Ferranti S, Després JP, Fullerton HJ, Howard VJ, Huffman MD, Judd SE, Kissela BM, Lackland DT, Lichtman JH, Lisabeth LD, Liu S, Mackey RH, Matchar DB, McGuire DK, Mohler ER 3rd, Moy CS, Muntner P, Mussolino ME, Nasir K, Neumar RW, Nichol G, Palaniappan L, Pandey DK, Reeves MJ, Rodriguez CJ, Sorlie PD, Stein J, Towfighi A, Turan TN, Virani SS, Willey JZ, Woo D, Yeh RW, Turner MB; American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Heart Disease and Stroke Statistics—2015 Update: a report from the American Heart Association. *Circulation*. 2015;131:e29-322.
278. Masson S, Wu JH, Simon C, Barlera S, Marchioli R, Mariani J, Macchia A, Lombardi F, Vago T, Aleksova A, Dreas L, Favaloro RR, Hershson AR, Puskas JD, Dozza L, Silletta MG, Tognoni G, **Mozaffarian D**, Latini R; OPERA Investigators. Circulating cardiac biomarkers and postoperative atrial fibrillation in the OPERA trial. *Eur J Clin Nutr*. 2015;45:170-8.
279. **Mozaffarian D**, Blashek JA, Stavridis J. Learning from soft power. *BMJ*. 2015;351:h4645.
280. **Mozaffarian D**. Diverging global trends in heart disease and type 2 diabetes: the role of carbohydrates and saturated fats. *Lancet Diabetes Endocrinol*. 2015;3:586-8.
281. **Mozaffarian D**, Ludwig DS. The 2015 US Dietary Guidelines: lifting the ban on total dietary fat. *JAMA*. 2015;313:2421-2.
282. Chen M, Sun Q, Giovannucci E, **Mozaffarian D**, Manson JE, Willett WC, Hu FB. Dairy consumption and risk of type 2 diabetes: 3 cohorts of US adults and an updated meta-analysis. *BMC Med*. 2014;12:215.
283. Yakoob MY, Shi P, Hu FB, Campos H, Rexrode KM, Orav EJ, Willett WC, **Mozaffarian D**. Circulating biomarkers of dairy fat and risk of incident stroke in U.S. men and women in 2 large prospective cohorts. *Am J Clin Nutr*. 2014;100:1437-47.
284. Lemaitre RN, King IB, Kabagambe EK, Wu JH, McKnight B, Manichaikul A, Guan W, Sun Q, Chasman DI, Foy M, Wang L, Zhu J, Siscovick DS, Tsai MY, Arnett DK, Psaty BM, Djousse L, Chen YD, Tang W, Weng LC, Wu H, Jensen MK, Chu AY, Jacobs DR Jr, Rich SS, **Mozaffarian D**, Steffen L, Rimm EB, Hu FB, Ridker PM, Fornage M, Friedlander Y. Genetic loci associated with circulating levels of very long-chain saturated fatty acids. *J Lipid Res*. 2015;56:176-84.
285. Corneils MC, Fornage M, Foy M, Xun P, Gladyshev VN, Morris S, Chasman DI, Hu FB, Rimm EB, Kraft P, Jordan JM, **Mozaffarian D**, He K. Genome-wide association study of selenium concentrations. *Hum Mol Genet*. 2015;24:1469-77.
286. Coffee and Caffeine Genetics Consortium, Cornelis MC, Byrne EM, Esko T, Nalls MA, Ganna A, Paynter N, Monda KL, **Mozaffarian D** et al (100+). Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Mol Psychiatry*. 2015;20:647-56.
287. Wang Q, Imamura F, Lemaitre RN, Rimm EB, Wang M, King IB, Siscovick D, **Mozaffarian D**. Plasma phospholipid trans-fatty acids levels, cardiovascular diseases, and total mortality: the Cardiovascular Health Study. *J Am Heart Assoc*. 2014;3:e000914.
288. Fretts AM, **Mozaffarian D**, Siscovick DS, Sitlani C, Psaty BM, Rimm EB, Song X, McKnight B, Spiegelman D, King IB, Lemaitre RN. Plasma phospholipid and dietary  $\alpha$ -linolenic acid, mortality, CHD and stroke: the Cardiovascular Health Study. *Br J Nutr*. 2014;112:1206-13.
289. Wu JH, Lemaitre RN, King IB, Song X, Psaty BM, Siscovick DS, **Mozaffarian D**. Circulating omega-6 polyunsaturated fatty acids and total and cause-specific mortality: the Cardiovascular Health Study. *Circulation*. 2014;130:1245-53.

290. **Mozaffarian D**, Fahimi S, Singh GM, Micha R, Khatibzadeh S, Engell RE, Lim S, Danaei G, Ezzati M, Powles J; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group. Global sodium consumption and death from cardiovascular causes. *N Engl J Med*. 2014;371:624-34.
291. Lemaitre RN, King IB, Rice K, McKnight B, Sotoodehnia N, Rea TD, Johnson CO, Raghunathan TE, Cobb LA, **Mozaffarian D**, Siscovick DS. Erythrocyte very long-chain saturated fatty acids associated with lower risk of incident sudden cardiac arrest. *Prostaglandins Leukot Essent Fatty Acids*. 2014;91:149-53.
292. Qi Q, Kilpelainen TO, Downer MK, Tanaka T, Smith CE, **Mozaffarian D**, et al. FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. *Hum Mol Genet*. 2014;23:6961-72.
293. Miedema MD, Maziarz M, Biggs ML, Ziemann SJ, Kizer JR, Ix JH, **Mozaffarian D**, Tracy RP, Psaty BM, Siscovick DS, Mukamal KJ, Djousse L. Plasma-free fatty acids, fatty acid-binding protein 4, and mortality in older adults (from the Cardiovascular Health Study). *Am J Cardiol*. 2014;114:843-8.
294. Fretts AM, **Mozaffarian D**, Siscovick DS, Djousse L, Heckbert SR, King IB, McKnight B, Sitlani C, Sacks FM, Song X, Sotoodehnia N, Spiegelman D, Wallace ER, Lemaitre RN. Plasma phospholipid saturated fatty acids and incident atrial fibrillation: the Cardiovascular Health Study. *J Am Heart Assoc*. 2014;3:e000889.
295. Afshin A, Micha R, Khatibzadeh S, **Mozaffarian D**. Consumption of nuts and legumes and risk of incident ischemic heart disease, stroke, and diabetes: a systematic review and meta-analysis. *Am J Clin Nutr*. 2014;100:278-288.
296. Chatterjee R, Biggs ML, de Boer IH, Brancati FL, Svetkey LP, Brzilai J, Djousse L, Ix JH, Kizer JR, Siscovick DS, **Mozaffarian D**, Edelman D, Mukamal KJ. Potassium and glucose measures in older adults: the Cardiovascular Health Study. *J Gerontol A Biol Sci Med Sci*. 2015;70:255-61.
297. **Mozaffarian D**, Ludwig DS. Dietary cholesterol and blood cholesterol concentrations—reply. *JAMA*. 2015;314:2084-5.
298. Wu JH, Lemaitre RN, King IB, Song X, Psaty BM, Siscovick DS, **Mozaffarian D**. Response to letters regarding article, "Circulating omega-6 polyunsaturated fatty acids and total and cause-specific mortality: the Cardiovascular Health Study". *Circulation*. 2015;132:e25-6.
299. Soares-Miranda L, Sattelmair J, Chaves P, Duncan G, Siscovick DS, Stein PK, **Mozaffarian D**. Response to letter regarding "Physical activity and heart rate variability in older adults: the Cardiovascular Health Study". *Circulation*. 2015;131:e349-50.
300. **Mozaffarian D**, Rogoff KS, Ludwig GS. Taxes and subsidies to improve diet—reply. *JAMA*. 2015;313:308.
301. Global Burden of Metabolic Risk Factors for Chronic Diseases Collaboration (including **Mozaffarian D**). Cardiovascular disease, chronic kidney disease, and diabetes mortality burden of cardiometabolic risk factors from 1980 to 2010: a comparative risk assessment. *Lancet Diabetes Endocrinol*. 2014;2:634-47.
302. Soares-Miranda L, Sattelmair J, Chaves P, Duncan GE, Siscovick DS, Stein PK, **Mozaffarian D**. Physical activity and heart rate variability in older adults: the Cardiovascular Health Study. *Circulation*. 2014;129:2100-10.
303. Micha R, Khatibzadeh S, Shi P, Fahimi S, Lim S, Andrews KG, Engell RE, Powles J, Ezzati M, **Mozaffarian D**; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). Global, regional, and national consumption levels of dietary fats and oils in 1990 and 2010: a systematic analysis including 266 country-specific nutrition surveys. *BMJ*. 2014;348:g2272.
304. Chowdhury R, Warnakula S, Kunutsor S, Crowe F, Ward HA, Johnson L, Franco OH, Butterworth A, Forouhi NG, Thompson SG, Khaw K, **Mozaffarian D**, Danesh J, Di Angelantonio E. Association of dietary, circulating, and supplement fatty acids with coronary risk. *Ann Intern Med*. 2014;160:398-406.

305. Song M, Chan AT, Fuchs CS, Ogino S, Hu FB, **Mozaffarian D**, Ma J, Willett WC, Giovannucci EL, Wu K. Dietary intake of fish omega-3 and omega-6 fatty acids and risk of colorectal cancer: a prospective study in U.S. men and women. *Int J Cancer*. 2014;135:2413-23.
306. Kalantarian S, Rimm EB, Herrington DM, **Mozaffarian D**. Dietary macronutrients, genetic variation, and progression of coronary atherosclerosis among women. *Amer Heart J*. 2014;167:627-635.
307. Wu, JH, Lemaitre RN, King IB, Song X, Psaty BM, Siscovick DS, **Mozaffarian D**. Circulating omega-6 polyunsaturated fatty acids and total and case-specific mortality: the Cardiovascular Health Study. 2014;130:1245-53.
308. **Mozaffarian D**. The healthy weight commitment foundation trillion calorie pledge: lessons from a marketing ploy? *Am J Prev Med*. 2014;47:e9-e10.
309. **Mozaffarian D**. The promise of lifestyle for cardiovascular health: time for implementation. *J Am Coll Cardiol*. 2014;64:1307-9.
310. **Mozaffarian D**, Sing GM, Powles J. Sodium and cardiovascular disease. *N Engl J Med*. 2014;371:2138-9.
311. Micha R. **Mozaffarian D**. Author's reply to Winkler and Ravnskov. *BMJ*. 2014;348:g3206.
312. **Mozaffarian D**. Saturated fatty acids and type 2 diabetes: more evidence to re-invent dietary guidelines. *Lancet Diabetes Endocrinol*. 2014;2:770-2.
313. **Mozaffarian D**, Rogoff KS, Ludwig DS. The real cost of food: can taxes and subsidies improve public health? *JAMA*. 2014;312:889-90.
314. Trichopoulou A, Martínez-González MA, Tong TY, Forouhi NG, Khandelwal S, Prabhakaran D, **Mozaffarian D**, de Lorgeril M. Definitions and potential health benefits of the Mediterranean diet: views from experts around the world. *BMC Med*. 2014;12:112.
315. Wu JH, **Mozaffarian D**.  $\omega$ -3 fatty acids, atherosclerosis progression and cardiovascular outcomes in recent trials: new pieces in a complex puzzle. *Heart*. 2014;100:530-3. (Invited editorial)
316. Djoussé L, Maziarz M, Biggs ML, Ix JH, Ziemann SJ, Kizer JR, Lemaitre RN, **Mozaffarian D**, Tracy RP, Mukamal KJ, Siscovick DS, Sotoodehnia N. Plasma fatty acid binding protein 4 and risk of sudden cardiac death in older adults. *Cardiol Res Pract*. 2013;2013:181054.
317. Khawaja O, Maziarz M, Biggs ML, Longstreth WT Jr, Ix JH, Kizer JR, Ziemann S, Tracy RP, **Mozaffarian D**, Mukamal KJ, Siscovick DS, Djoussé L. Plasma free fatty acids and risk of stroke in the Cardiovascular Health Study. *Int J Stroke*. 2014;9:917-20.
318. Go AS, **Mozaffarian D**, Roger VL, et al. (41); on behalf of the American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Heart Disease and Stroke Statistics--2014 Update: a report from the American Heart Association. *Circulation*. 2014;129:e28-e292.
319. Lemaitre RN, Johnson CO, Hesselton S, Sotoodehnia N, McKnight B, Sitlani CM, Rea TD, King IB, Kwok PY, Mak A, Li G, Brody J, Larson E, **Mozaffarian D**, et al (25). Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. *Heart Rhythm*. 2014;11:471-7.
320. Powles J, Fahimi S, Micha R, Khatibzadeh S, Shi P, Ezzati M, Engell RE, Lim SS, Danaei G, **Mozaffarian D**; on behalf of the Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). Global, regional, and national sodium intakes in 1990 and 2010: a systematic analysis of 24-h urinary sodium excretion and dietary surveys worldwide. *BMJ Open*. 2013;3:e003733.
321. de Oliveira Otto MC, Wu JH, Baylin A, Vaidya D, Rich SS, Tsai MY, Jacobs DR, **Mozaffarian D**. Circulating and dietary omega-3 and omega-6 polyunsaturated fatty acids and incidence of CVD in the Multi-Ethnic Study of Atherosclerosis. *J Am Heart Assoc*. 2013;2:e000506.
322. Vakil KP, Dardas T, Dhar S, Moorman A, Anand I, Maggioni A, Linker DT, **Mozaffarian D**, Levy WC. Impact of renal dysfunction on the Seattle Heart Failure Model. *J Heart Lung Transplant*. 2014;33:163-9.



323. Rao M, Afshin A, Singh G, **Mozaffarian D**. Do healthier foods and diet patterns cost more than less healthy options? A systematic review and meta-analysis. *BMJ Open*. 2013;3:e004277.
324. Wu JH, Marchioli R, Silletta MG, Macchia A, Song X, Siscovick DS, Harris WS, Masson S, Latini R, Albert C, Brown NJ, Lamarra M, Favaloro RR, **Mozaffarian D**. Plasma phospholipid omega-3 fatty acids and incidence of post-operative atrial fibrillation in the OPERA trial. *J Am Heart Assoc*. 2013;2:e000397.
325. Virtanen JK, Siscovick DS, Lemaitre RN, Longstreth WT, Spiegelman D, Rimm EB, King IB, **Mozaffarian D**. Circulating omega-3 polyunsaturated fatty acids and subclinical brain abnormalities on MRI in older adults: the Cardiovascular Health Study. *J Am Heart Assoc*. 2013;2:e000305.
326. Yazdekhasti N, Mohammadifard N, Sarrafzadegan N, **Mozaffarian D**, Nazem M, Taheri M. The relationship between nut consumption and blood pressure in an Iranian adult population: Isfahan Healthy Heart Program. *Nutr Metab Cardiovasc Dis*. 2013;23:929-36.
327. Mukamal KJ, Wilk JB, Biggs ML, Jensen MK, Ix JH, Kizer JR, Tracy RP, Ziemann SJ, **Mozaffarian D**, Psaty BM, Siscovick DS, Djoussé L. Common FABP4 genetic variants and plasma levels of fatty acid binding protein 4 in older adults. *Lipids*. 2013;48:1169-75.
328. **Mozaffarian D**, Shi P, Morris JS, Grandjean P, Siscovick DS, Spiegelman D, Hu FB. Methylmercury exposure and incident diabetes in U.S. men and women in two prospective cohorts. *Diabetes Care*. 2013;36:3578-84.
329. Singh GM, Danaei G, Farzadfar F, Stevens GA, Woodward M, Wormser D, Kaptoge S, Whitlock G, Qiao Q, Lewington S, Di Angelantonio E, Vander Hoorn S, Lawes CM, Ali MK, **Mozaffarian D**, Ezzati M. The age-specific quantitative effects of metabolic risk factors on cardiovascular diseases and diabetes: a pooled analysis. *PLoS One*. 2013;8:e65174.
330. Djoussé L, Benkeser D, Arnold A, Kizer JR, Ziemann SJ, Lemaitre RN, Tracy RP, Gottdiener JS, **Mozaffarian D**, Siscovick DS, Mukamal KJ, Ix JH. Plasma free fatty acids and risk of heart failure: the Cardiovascular Health Study. *Circ Heart Fail*. 2013;6:964-9.
331. de Oliveira Otto MC, Nettleton JA, Lemaitre RN, M Steffen L, Kromhout D, Rich SS, Y Tsai M, Jacobs DR, **Mozaffarian D**. Biomarkers of dairy fatty acids and risk of cardiovascular disease in the Multi-Ethnic Study of Atherosclerosis. *J Am Heart Assoc*. 2013;2:e000092.
332. US Burden of Disease Collaborators (including **Mozaffarian D**). The state of US health, 1990-2010: burden of diseases, injuries, and risk factors. *JAMA*. 2013;310:591-608.
333. Lajous M, Willett WC, Robins J, Young JG, Rimm E, **Mozaffarian D**, Hernán MA. Changes in fish consumption in midlife and the risk of coronary heart disease in men and women. *Am J Epidemiol*. 2013;178:382-91.
334. Del Gobbo LC, Imamura F, Wu JHY, de Oliveira Otto MC, Chiuve SE, **Mozaffarian D**. Circulating and dietary magnesium and risk of cardiovascular disease: a systematic review and meta-analysis of prospective studies. *Am J Clin Nutr*. 2013;98:160-173.
335. Imamura F, Mukamal KJ, Meigs JB, Luchsinger JA, Ix JH, Siscovick DS, **Mozaffarian D**. Risk factors for type 2 diabetes mellitus preceded by  $\beta$ -cell dysfunction, insulin resistance, or both in older adults: the Cardiovascular Health Study. *Am J Epidemiol*. 2013;177:1418-29.
336. Wu JH, Cahill LE, **Mozaffarian D**. Effect of fish oil on circulating adiponectin: a systematic review and meta-analysis of randomized controlled trials. *J Clin Endocrinol Metab*. 2013;98:2451-9.
337. Otite FO, Jacobson MF, Dahmubed A, **Mozaffarian D**. Trends in trans fatty acids reformulations of US supermarket and brand-name foods from 2007 through 2011. *Prev Chronic Dis*. 2013;10:E85.
338. Fretts AM, **Mozaffarian D**, Siscovick DS, Heckbert SR, McKnight B, King IB, Rimm EB, Psaty BM, Sacks FM, Song X, Spiegelman D, Lemaitre RN. Associations of plasma phospholipid and dietary alpha linolenic acid with incident atrial fibrillation in older adults. *J Am Heart Assoc*. 2013;2:e003814.

339. **Mozaffarian D**, Wu JH, de Oliveira Otto MC, Sandesara CM, Metcalf RG, Latini R, Libby P, Lombardi F, O'Gara PT, Page RL, Silletta MG, Tavazzi L, Marchioli R. Fish oil and post-operative atrial fibrillation - a meta-analysis of randomized controlled trials. *J Am Coll Cardiol*. 2013;61:2194-6.
340. **Mozaffarian D**, Lemaitre RN, King IB, Song X, Huang H, Sacks FM, Rimm EB, Wang M, Siscovick DS. Plasma phospholipid long-chain omega-3 fatty acids and total and cause-specific mortality in older adults: the Cardiovascular Health Study. *Ann Intern Med*. 2013;158:515-25.
341. **Mozaffarian D**, de Oliveira Otto MC, Lemaitre RN, Fretts AM, Hotamisligil G, Tsai MY, Siscovick DS, Nettleton JA. trans-Palmitoleic acid, other dairy fat biomarkers, and incident diabetes: the Multi-Ethnic Study of Atherosclerosis (MESA). *Am J Clin Nutr*. 2013;97:854-61.
342. Imamura F, Lemaitre RN, King IB, Song X, Steffen LM, Folsom AR, Siscovick DS, **Mozaffarian D**. Long-chain monounsaturated fatty acids and incidence of congestive heart failure in two prospective cohorts. *Circulation*. 2013;127:1512-21.
343. Leung CW, Blumenthal SJ, Hoffnagle EE, Jensen HH, Foerster SB, Nestle M, Cheung LWY, **Mozaffarian D**, Willett WC. Associations of food stamp participation with obesity and dietary quality in children. *Pediatrics*. 2013;131:463-72.
344. Masson S, Marchioli R, **Mozaffarian D**, Bernasconi R, Milani V, Dragani L, Tacconi M, Marfisi RM, Borgese L, Cirrincione V, Febo O, Nicolis E, Maggioni AP, Tognoni G, Tavazzi L, Latini R. Plasma n-3 polyunsaturated fatty acids in chronic heart failure in the GISSI-Heart Failure trial: relation with fish intake, circulating biomarkers, and mortality. *Am Heart J*. 2013;165:208-215.
345. Pan A, Malik VS, Hao T, Willett WC, **Mozaffarian D**, Hu FB. Changes in water and beverage intake and long-term weight changes: results from three prospective cohort studies. *Int J Obes (Lond)*. 2013;37:1378-85.
346. Mozaffarian RS, Lee RM, Kennedy MA, Ludwig DS, **Mozaffarian D**, Gortmaker SL. Identifying whole grain foods: a comparison of different approaches for selecting more healthful whole grain products. *Public Health Nutr*. 2013;16:2255-64.
347. Tanaka T, Ngwa JS, van Rooij FJ, Zillikens MC, Wojczynski MK, Frazier-Wood AC, Houston DK, Kanoni S, Lemaitre RN, Luan J, Mikkilä V, Renstrom F, Sonestedt E, Zhao JH, Chu AY, Qi L, Chasman DI, de Oliveira Otto MC, Dhurandhar EJ, Feitosa MF, Johansson I, Khaw KT, Lohman KK, Manichaikul A, McKeown NM, **Mozaffarian D**, et al. (41). Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. *Am J Clin Nutr*. 2013;97:1395-402.
348. Wu JH, Lemaitre RN, Manichaikul A, Guan W, Tanaka T, Foy M, Kabagambe EK, Djousse L, Siscovick D, Fretts AM, Johnson C, King IB, Psaty BM, McKnight B, Rich SS, Chen YD, Nettleton JA, Tang W, Bandinelli S, Jacobs DR Jr, Browning BL, Laurie CC, Gu X, Tsai MY, Steffen LM, Ferrucci L, Fornage M, **Mozaffarian D**. Genome-wide association study identifies novel loci associated with concentrations of four plasma phospholipid fatty acids in the de novo lipogenesis pathway: results from the CHARGE Consortium. *Circ Cardiovasc Genet*. 2013;6:171-83.
349. Nettleton JA, Hivert MF, Lemaitre RN, McKeown NM, **Mozaffarian D**, et al. (60). Meta-analysis investigating associations between healthy diet and fasting glucose and insulin levels and modification by loci associated with glucose homeostasis in data from 15 cohorts. *Am J Epidemiol*. 2013;177:103-15.
350. Smith CE, Ngwa J, Tanaka T, Qi Q, Wojczynski MK, Lemaitre RN, Anderson JS, Manichaikul A, Mikkilä V, van Rooij FJ, Ye Z, Bandinelli S, Frazier-Wood AC, Houston DK, Hu F, Langenberg C, McKeown NM, **Mozaffarian D**, et al. (28). Lipoprotein receptor-related protein 1 variants and dietary fatty acids: meta-analysis of European origin and African American studies. *Int J Obes (Lond)*. 2013;37:1211-20.
351. Hruby A, Ngwa JS, Renström F, Wojczynski MK, Ganna A, Hallmans G, Houston DK, Jacques PF, Kanoni S, Lehtimäki T, Lemaitre RN, Manichaikul A, North KE, Ntalla I, Sonestedt E, Tanaka T, van

- Rooij FJ, Bandinelli S, Djoussé L, Grigoriou E, Johansson I, Lohman KK, Pankow JS, Raitakari OT, Riserus U, Yannakoulia M, Zillikens MC, Hassanali N, Liu Y, **Mozaffarian D**, et al. (29). Higher magnesium intake is associated with lower fasting glucose and insulin, with no evidence of interaction with select genetic loci, in a meta-analysis of 15 CHARGE Consortium studies. *J Nutr*. 2013;143:345-53.
352. Richardson K, Nettleton JA, Rotllan N, Tanaka T, Smith CE, Lai CQ, Parnell LD, Lee YC, Lahti J, Lemaitre RN, Manichaikul A, Keller M, Mikkilä V, Ngwa J, van Rooij FJ, Ballentyne CM, Borecki IB, Cupples LA, Garcia M, Hofman A, Ferrucci L, **Mozaffarian D**, et al. (24). Gain-of-function lipoprotein lipase variant rs13702 modulates lipid traits through disruption of a microRNA-410 seed site. *Am J Hum Genet*. 2013;92:5-14.
353. Lim SS, Vos T, Flaxman AD, Danaei G, Shibuya K, Adair-Rohani H, Amann M, Anderson HR, Andrews KG, Aryee M, Atkinson C, Bacchus LJ, Bahalim AN, Balakrishnan K, Balmes J, Barker-Collo S, Baxter A, Bell ML, Blore JD, Blyth F, Bonner C, Borges G, Bourne R, Boussinesq M, Brauer M, Brooks P, Bruce NG, Brunekreef B, Bryan-Hancock C, Bucello C, Buchbinder R, Bull F, Burnett RT, Byers TE, Calabria B, Carapetis J, Carnahan E, Chafe Z, Charlson F, Chen H, Chen JS, Cheng AT, Child JC, Cohen A, Colson KE, Cowie BC, Darby S, Darling S, Davis A, Degenhardt L, Dentener F, Des Jarlais DC, Devries K, Dherani M, Ding EL, Dorsey ER, Driscoll T, Edmond K, Ali SE, Engell RE, Erwin PJ, Fahimi S, Falder G, Farzadfar F, Ferrari A, Finucane MM, Flaxman S, Fowkes FG, Freedman G, Freeman MK, Gakidou E, Ghosh S, Giovannucci E, Gmel G, Graham K, Grainger R, Grant B, Gunnell D, Gutierrez HR, Hall W, Hoek HW, Hogan A, Hosgood HD 3rd, Hoy D, Hu H, Hubbell BJ, Hutchings SJ, Ibeanusi SE, Jacklyn GL, Jasrasaria R, Jonas JB, Kan H, Kanis JA, Kassebaum N, Kawakami N, Khang YH, Khatibzadeh S, Khoo JP, Kok C, Laden F, Lalloo R, Lan Q, Lathlean T, Leasher JL, Leigh J, Li Y, Lin JK, Lipshultz SE, London S, Lozano R, Lu Y, Mak J, Malekzadeh R, Mallinger L, Marcenes W, March L, Marks R, Martin R, McGale P, McGrath J, Mehta S, Mensah GA, Merriman TR, Micha R, Michaud C, Mishra V, Hanafiah KM, Mokdad AA, Morawska L, **Mozaffarian D**, et al. (79). A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. *Lancet*. 2013;380:2224-60.
354. Spring B, Ockene JK, Gidding SS, **Mozaffarian D**, Moore S, Rosal MC, Brown MD, Vafiadis DK, Cohen DL, Burke LE, Lloyd-Jones D; on behalf of the American Heart Association Behavior Change Committee of the Council on Epidemiology and Prevention, Council on Lifestyle and Cardiometabolic Health, Council for High Blood Pressure Research, and Council on Cardiovascular and Stroke Nursing. Better population health through behavior change in adults: a call to action. *Circulation*. 2013;128:2169-76.
355. Tobias DK, Hu FB, Chavarro J, Rosner B, **Mozaffarian D**, Zhang C. Healthful dietary patterns and type 2 diabetes mellitus risk among women with a history of gestational diabetes mellitus. *Arch Intern Med*. 2012;172:1566-72.
356. Go AS, **Mozaffarian D**, Roger VL, et al. (37). Heart Disease and Stroke Statistics--2013 Update: a report from the American Heart Association. *Circulation*. 2013;127:143-152.
357. **Mozaffarian D**, Marchioli R, Macchia A, Sillelta MG, Ferrazzi P, Gardner TJ, Latini R, Libby P, Lombardi F, O'Gara PT, Page RL, Tavazzi L, Tognoni G, for the OPERA Investigators. Fish oil and post-operative atrial fibrillation: the Omega-3 Fatty Acids for Prevention of Post-operative Atrial Fibrillation (OPERA) randomized trial. *JAMA*. 2012;308:2001-11.
358. Levantesi G, Marfisi R, **Mozaffarian D**, Franzosi MG, Maggioni A, Nicolosi GL, Schweiger C, Sillelta M, Tavazzi L, Tognoni G, Marchioli R. Wine consumption and risk of cardiovascular events after myocardial infarction: results from the GISSI-Prevenzione trial. *Int J Cardiol*. 2013;163:282-7.
359. Imamura F, Lemaitre RN, King IB, Song X, Lichtenstein AH, Matthan NR, Herrington DM, Siscovick DS, **Mozaffarian D**. Novel circulating fatty acid patterns and risk of cardiovascular disease: the Cardiovascular Health Study. *Am J Clin Nutr*. 2012;96:1252-61.

360. Djousse L, Bartz TM, Ix JH, Kochar J, Kizer JR, Gottdiener JS, Tracy RP, **Mozaffarian D**, Siscovick DS, Mukamal KJ, Ziemann SJ. Fatty acid binding protein 4 and incident heart failure: the Cardiovascular Health Study. *Eur J Heart Fail*. 2013;15:394-9.
361. **Mozaffarian D**. Mediterranean diet for primary prevention of cardiovascular disease. *N Engl J Med*. 2013;369:673-4.
362. **Mozaffarian D**, Marchioli R. Fish oil vs olive oil for postoperative atrial fibrillation--reply. *JAMA*. 2013;309:871-2.
363. **Mozaffarian D**. Salt, sugar, and fat or branding, marketing, and promotion? *The Lancet*. 2013;382:1322-3. (Invited perspective)
364. Micha R, Michas G, Lajous M, **Mozaffarian D**. Processing of meats and cardiovascular risk: time to focus on preservatives. *BMC Med*. 2013;11:136. (Invited Commentary)
365. Afshin A, Micha R, Khatibzadeh S, Schmidt L, **Mozaffarian D**. Dietary policies to reduce noncommunicable diseases. In: Yamey G, ed. *The Handbook of Global Health Policy*. Wiley-Blackwell, San Francisco, 2013. (Invited chapter)
366. **Mozaffarian D**, Hemenway D, Ludwig DS. Curbing gun violence: lessons from public health successes. *JAMA*. 2013;309:551-2. (Commentary)
367. Pan A, Chen M, Chowdhury R, Wu JH, Sun Q, Campos H, **Mozaffarian D**, Hu FB.  $\alpha$ -Linolenic acid and risk of cardiovascular disease: a systematic review and meta-analysis. *Am J Clin Nutr*. 2012;96:1262-73.
368. **Mozaffarian D**, Afshin A, Benowitz NL, Bittner V, Daniels SR, Franch HA, Jacobs DR Jr, Kraus WE, Kris-Etherton PM, Krummel DA, Popkin BM, Whitsel LP, Zakai NA. Population approaches to improve diet, physical activity, and smoking habits: a scientific statement from the American Heart Association. *Circulation*. 2012;126:1514-63.
369. **Mozaffarian D**, Shi P, Morris JS, Grandjean P, Siscovick DS, Spiegelman D, Willett WC, Rimm EB, Curhan GC, Forman JP. Mercury exposure and risk of hypertension in US men and women in 2 prospective cohorts. *Hypertension*. 2012;60:645-52.
370. Soares-Miranda L, Stein PK, Imamura F, Sattelmair J, Lemaitre RN, Siscovick DS, Mota J, **Mozaffarian D**. Trans-fatty acid consumption and heart rate variability in two separate cohorts of older and younger adults. *Circ Arrhythm Electrophysiol*. 2012;5:728-38.
371. Tobias DK, Zhang C, Chavarro J, Bowers K, Rich-Edwards J, Rosner B, **Mozaffarian D**, Hu FB. Prepregnancy adherence to dietary patterns and lower risk of gestational diabetes mellitus. *Am J Clin Nutr*. 2012;96:289-95.
372. de Oliveira Otto MC, **Mozaffarian D**, Kromhout D, Bertoni AG, Sibley CT, Jacobs DR Jr, Nettleton JA. Dietary intake of saturated fat by food source and incident cardiovascular disease: the Multi-Ethnic Study of Atherosclerosis. *Am J Clin Nutr*. 2012;96:397-404.
373. Lemaitre RN, Sitlani C, Song X, King IB, McKnight B, Spiegelman D, Sacks FM, Djousse L, Rimm EB, Siscovick DS, **Mozaffarian D**. Circulating and dietary  $\alpha$ -linolenic acid and incidence of congestive heart failure in older adults: the Cardiovascular Health Study. *Am J Clin Nutr*. 2012;96:269-74.
374. Wu JHY, Micha R, Imamura F, Pan A, Biggs ML, Ajaz O, Djousse L, Hu FB, **Mozaffarian D**. Omega-3 fatty acids and incident type 2 diabetes: a systematic review and meta-analysis. *British J Nutr*. 2012;107 Suppl 2:S214-27.
375. Park K, Rimm EB, Siscovick DS, Spiegelman D, Manson J, Morris JS, Hu FB, **Mozaffarian D**. Toenail selenium and incidence of type 2 diabetes in US men and women. *Diabetes Care*. 2012;35:1544-51.
376. Wu JHY, Lemaitre RN, King IB, Song X, Sacks FM, Rimm EB, Heckbert S, Siscovick DS, **Mozaffarian D**. Association of plasma phospholipid long-chain omega-3 fatty acids with incident atrial fibrillation in older adults: the Cardiovascular Health Study. *Circulation*. 2012;125:1084-93.

377. Djoussé L, Biggs ML, Ix JH, Kizer JR, Lemaitre RN, Sotoodehnia N, Ziemann S, **Mozaffarian D**, Tracy RP, Mukamal KJ, Siscovick DS. Non-esterified fatty acids and risk of sudden cardiac death in older adults. *Circ Arrhythm Electrophysiol*. 2012;5:273-8.
378. Virtanen JK, **Mozaffarian D**, Willett WC, Feskanich D. Dietary intake of polyunsaturated fatty acids and risk of hip fracture in men and women. *Osteoporos Int*. 2012;23:2615-24.
379. Bernstein AM, Pan A, Rexrode KM, Stampfer M, Hu FB, **Mozaffarian D**, Willett WC. Dietary protein sources and the risk of stroke in men and women. *Stroke*. 2012;43:637-44.
380. Ix JH, Biggs ML, Mukamal KJ, Kizer JR, Ziemann SJ, Siscovick DS, **Mozaffarian D**, Jensen MK, Nelson L, Ruderman N, Djoussé L. Association of fetuin-A with incident diabetes mellitus in community-living older adults: the Cardiovascular Health Study. *Circulation*. 2012;125:2316-22.
381. Roger VL, Go AS, Lloyd-Jones DM, Benjamin EJ, Berry JD, Borden WB, Bravata DM, Dai S, Ford ES, Fox CS, Fullerton HJ, Gillespie C, Hailpern SM, Heit JA, Howard VJ, Kissela BM, Kittner SJ, Lackland DT, Lichtman JH, Lisabeth LD, Makuc DM, Marcus GM, Marelli A, Matchar DB, Moy CS, **Mozaffarian D**, Mussolino ME, Nichol G, Paynter NP, Soliman EZ, Sorlie PD, Sotoodehnia N, Turan TN, Virani SS, Wong ND, Woo D, Turner MB; American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Executive Summary: Heart Disease and Stroke Statistics--2012 Update: a report from the American Heart Association. *Circulation*. 2012;125:188-97.
382. Roger VL, Go AS, Lloyd-Jones DM, Benjamin EJ, Berry JD, Borden WB, Bravata DM, Dai S, Ford ES, Fox CS, Fullerton HJ, Gillespie C, Hailpern SM, Heit JA, Howard VJ, Kissela BM, Kittner SJ, Lackland DT, Lichtman JH, Lisabeth LD, Makuc DM, Marcus GM, Marelli A, Matchar DB, Moy CS, **Mozaffarian D**, Mussolino ME, Nichol G, Paynter NP, Soliman EZ, Sorlie PD, Sotoodehnia N, Turan TN, Virani SS, Wong ND, Woo D, Turner MB; American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Heart Disease and Stroke Statistics--2012 Update: a report from the American Heart Association. *Circulation*. 2012;125:e2-e220.
383. **Mozaffarian D**, Wu JHY. Omega-3 fatty acids and cardiovascular health – are effects of eicosapentaenoic acid and docosahexaenoic acid shared or complementary? *J Nutrition*. 2012;142:614S-625S.
384. Micha R, Imamura F, Wyler von Ballmoos M, Solomon DH, Hernán MA, Ridker PM, **Mozaffarian D**. Authors' reply. *Am J Cardiol*. 2012;109:1822-3.
385. Micha R, Michas G, **Mozaffarian D**. Unprocessed red and processed meats and risk of coronary artery disease and type 2 diabetes - an updated review of the evidence. *Curr Atheroscler Rep*. 2012;14:515-24. (Invited review)
386. Micha R, Kalantarian S, Wirojratana P, Byers T, Danaei G, Ding E, Elmadfa I, Giovannucci E, Powles J, Smith-Warner S, Ezzati M, **Mozaffarian D**. Estimating the global and regional burden of suboptimal nutrition on chronic disease: methods and inputs to the analysis. *Eur J Clin Nutr*. 2011;66:119-29.
387. Park K, Rimm EB, Siscovick DS, Spiegelman D, Morris JS, **Mozaffarian D**. Demographic and lifestyle factors and selenium levels in men and women in the US. *Nutr Research Pract*. 2011;5:357-64.
388. Micha R, Imamura F, Wyler von Ballmoos M, Solomon DH, Hernán MA, Ridker PM, **Mozaffarian D**. Systematic review and meta-analysis of methotrexate use and risk of cardiovascular disease. *Am J Cardiol*. 2011;108:1362-70.
389. **Mozaffarian D**, Lemaitre RN, King IB, Song X, Spiegelman D, Sacks FM, Rimm EB, Siscovick DS. Circulating long-chain omega-3 fatty acids and incidence of congestive heart failure in older adults: the Cardiovascular Health Study. *Ann Intern Med*. 2011;155:160-70.
390. **Mozaffarian D**, Marchioli R, Gardner T, Ferrazzi P, O'Gara P, Latini R, Libby P, Lombardi F, Macchia A, Page R, Santini M, Tavazzi L, Tognoni G, on behalf of the OPERA Investigators. The Omega-3 Fatty Acids for Prevention of Post-operative Atrial Fibrillation (OPERA) trial – rationale and design. *Am Heart J*. 2011;162:56-63.

391. **Mozaffarian D**, Hao T, Rimm EB, Willett WC, Hu FB. Changes in diet and lifestyle and long-term weight gain in women and men. *New Engl J Med*. 2011;364:2392-404.
392. **Mozaffarian D**, Shi P, Morris JS, Spiegelman D, Grandjean P, Siscovick DS, Willett WC, Rimm EB. Mercury exposure and risk of cardiovascular disease in two US cohorts. *New Engl J Med*. 2011;364:1116-25.
393. Lemaitre RN, Tanaka T, Tang W, Manichaikul A, Foy M, Kabagambe EK, Nettleton JA, King IB, Weng LC, Bhattacharya S, Bandinelli S, Bis JC, Rich SS, Jacobs DR, Cherubini A, McKnight B, Liang S, Gu X, Rice K, Laurie CC, Lumley L, Browning BL, Psaty BM, Chen YI, Friedlander Y, Djousse L, Wu JHY, Siscovick DS, Uitterlinden AG, Arnett DK, Ferrucci L, Fornage M, Tsai MY, **Mozaffarian D\***, Steffen LM. Genetic loci associated with plasma phospholipid n-3 fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. *Plos Genetics*. 2011;7:e1002193. [\*Co-senior author]
394. Wu JH, Lemaitre RN, Imamura F, King IB, Song X, Spiegelman D, Siscovick DS, **Mozaffarian D**. Fatty acids in the de novo lipogenesis pathway and risk of coronary heart disease: the Cardiovascular Health Study. *Am J Clin Nutr*. 2011;94:431-8.
395. Djoussé L, Biggs ML, Lemaitre RN, King IB, Song X, Ix JH, Mukamal KJ, Siscovick DS, **Mozaffarian D**. Plasma omega-3 fatty acids and incident diabetes in older adults. *Am J Clin Nutr*. 2011;94:527-33.
396. Monge-Rojas R, Colón-Ramos U, Jacoby E, **Mozaffarian D**. Voluntary reduction of trans-fatty acids in Latin America and the Caribbean: current situation. *Rev Panam Salud Publica*. 2011;29:126-9.
397. Dalal S, Beunza JJ, Volmink J, Adebamowo C, Bajunirwe F, Njelekela M, **Mozaffarian D**, Fawzi W, Willett W, Adami HO, Holmes MD. Non-communicable diseases in sub-Saharan Africa: what we know now. *Int J Epidemiol*. 2011;40:885-901.
398. **Mozaffarian D**, Capewell S. United Nations' dietary policies to prevent cardiovascular disease. *BMJ*. 2011;343:d5747.
399. **Mozaffarian D**, Appel LJ, Van Horn L. Components of a cardioprotective diet – new insights. *Circulation*. 2011;123:2870-91.
400. **Mozaffarian D**, Wu JHY. Omega-3 fatty acids and cardiovascular disease – effects on risk factors, molecular pathways, and clinical events. *J Am Coll Cardiol*. 2011;58:2047-67.
401. Lajous M, **Mozaffarian D**, Mozaffarian RS, Schrag D, Adami H. Lifestyle prescriptions for cancer survivors and their communities. *J Intern Med*. 2011;269:88-93.
402. Willett WC, Lichtenstein AH, Kuller LH, **Mozaffarian D**. The great fat debate: Q & A. *J Am Diet Assoc*. 2011;111:672-5.
403. **Mozaffarian D**. The great fat debate: taking the focus off of saturated fat. *J Am Diet Assoc*. 2011;111:665-6.
404. Harris WS, Brouwer IA, **Mozaffarian D**. n-6 fatty acids and risk for CHD: consider all the evidence. *Br J Nutr*. 2011;106:951-2.
405. **Mozaffarian D**. Diets from around the world—quality not quantity. *The Lancet*. 2011;378:579. (Invited perspective)
406. **Mozaffarian D**. Achieving cardiovascular health – a bleak outlook or tremendous potential? *J Am Coll Cardiol*. 2011;57:1697-9. (Invited editorial)
407. **Mozaffarian D**. Chapter 48. Nutrition and cardiovascular disease. In: *Braunwald's Heart Disease; A Textbook of Cardiovascular Medicine, 9th Edition*. Editors: Bonow RO, Mann DL, Zipes DP, Libby P. Elsevier/Saunders, Philadelphia, 2011. (Invited chapter)
408. **Mozaffarian D**, Cao H, King IB, Lemaitre RN, Song X, Siscovick DS, Hotamisligil GS. Trans-palmitoleic acid, metabolic abnormalities, and new-onset diabetes in US adults. *Ann Intern Med*. 2010;153:790-9.

409. Roger VL, Go AS, Lloyd-Jones DM, Adams RJ, Berry JD, Brown TM, Carnethon MR, Dai S, de Simone G, Ford ES, Fox CS, Fullerton HJ, Gillespie C, Greenlund KJ, Hailpern SM, Heit JA, Ho PM, Howard VJ, Kissela BM, Kittner SJ, Lackland DT, Lichtman JH, Lisabeth LD, Makuc DM, Marcus GM, Marelli A, Matchar DB, McDermott MM, Meigs JB, Moy CS, **Mozaffarian D**, Mussolino ME, Nichol G, Paynter NP, Rosamond WD, Sorlie PD, Stafford RS, Turan TN, Turner MB, Wong ND, Wylie-Rosett J; on behalf of the American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Heart Disease and Stroke Statistics--2011 Update: a report from the American Heart Association. *Circulation*. 2010;123:e18-e209.
410. Kizer JR, Biggs ML, Ix JH, Mukamal KJ, Ziemann SJ, de Boer IH, **Mozaffarian D**, Barzilay JI, Strotmeyer ES, Luchsinger JA, Elkind MS, Longstreth WT Jr, Kuller LH, Siscovick DS. Measures of adiposity and future risk of ischemic stroke and coronary heart disease in older men and women. *Am J Epidemiol*. 2010;173:10-25.
411. **Mozaffarian D**, Cao H, King KB, Lemaitre RN, Song X, Siscovick DS, Hotamisligil GS. Circulating palmitoleic acid and risk of metabolic abnormalities and new-onset diabetes. *Am J Clin Nutr*. 2010;92:1350-8.
412. Nettleton JA, McKeown NM, Kanoni S, Lemaitre RN, Hivert M-F, Ngwa J, van Rooij FJA, Sonestedt E, Wojczynski MK, Ye Z, Tanaka T, Garcia M, Anderson JS, Follis JL, Djousse L, Mukamal K, Papoutsakis C, **Mozaffarian D**, et al. (47). Interactions of dietary whole grain intake with fasting glucose- and insulin-related genetic loci in individuals of European descent: a meta-analysis of 14 cohort studies. *Diabetes Care*. 2010;33:2684-91.
413. Artinian NT, Fletcher GF, **Mozaffarian D**, Kris-Etherton P, Van Horn L, Lichtenstein AH, Kumanyika S, Kraus WE, Fleg JL, Redeker NS, Meininger JC, Banks J, Stuart-Shor EM, Fletcher BJ, Miller TD, Hughes S, Braun LT, Kopin LA, Berra K, Hayman LL, Ewing LJ, Ades PA, Durstine JL, Houston-Miller N, Burke LE; on behalf of the American Heart Association Prevention Committee of the Council on Cardiovascular Nursing. Interventions to promote physical activity and dietary lifestyle changes for cardiovascular risk factor reduction in adults: a scientific statement from the American Heart Association. *Circulation*. 2010;122:406-441.
414. Micha R, Wallace S, **Mozaffarian D**. Red and processed meat consumption and risk of incident coronary heart disease, stroke, and diabetes: a systematic review and meta-analysis. *Circulation*. 2010;121:2271-2283.
415. Micha R, King IB, Lemaitre RN, Rimm EB, Sacks F, Siscovick DS, Song X, **Mozaffarian D**. Food sources of individual plasma phospholipid trans fatty acid isomers: the Cardiovascular Health Study. *Am J Clin Nutr*. 2010;91:883-93.
416. **Mozaffarian D**, Jacobson MF, Greenstein JS. Food reformulations to reduce trans fatty acids in the United States: is trans fat being replaced with saturated fat? *New Engl J Med*. 2010;362:2037-2039.
417. **Mozaffarian D**, Micha R, Wallace S. Effects on coronary heart disease of increasing polyunsaturated fat in place of saturated fat: a systematic review and meta-analysis of randomized controlled trials. *PLoS Medicine*. 2010;7:e1000252.
418. Biggs ML, Mukamal KJ, Luchsinger JA, Ix JH, Carnethon MR, Newman AB, de Boer IH, Strotmeyer ES, **Mozaffarian D**, Siscovick DS. Association between adiposity in midlife and older age and risk of diabetes in older adults. *JAMA*. 2010;303:2504-2512.
419. Carnethon MR, Biggs ML, Barzilay J, Kuller LH, **Mozaffarian D**, Mukamal K, Smith NL, Siscovick D. Diabetes and coronary heart disease as risk factors for mortality in older adults. *Am J Med*. 2010;123:556.e1-9.
420. Djoussé L, Kamineni A, Nelson TL, Carnethon M, **Mozaffarian D**, Siscovick D, Mukamal KJ. Egg consumption and risk of type 2 diabetes in older adults. *Am J Clin Nutr*. 2010;92:422-7.

421. Lloyd-Jones DM, Hong Y, Labarthe D, **Mozaffarian D**, Appel LJ, Van Horn L, Greenlund K, Daniels S, Nichol G, Tomaselli GF, Arnett DK, Fonarow GC, Ho PM, Lauer MS, Masoudi FA, Robertson RM, Roger V, Schwamm LH, Sorlie P, Yancy CW, Rosamond WD; on behalf of the American Heart Association Strategic Planning Task Force and Statistics Committee. Defining and setting national goals for cardiovascular health promotion and disease reduction. The American Heart Association's Strategic Impact Goal through 2020 and beyond. *Circulation*. 2010;121:586-613.
422. Virtanen JK, **Mozaffarian D**, Cauley JA, Mukamal KJ, Robbins J, Siscovick DS. Fish consumption, bone mineral density, and risk of hip fracture among older adults. *J Bone Mineral Res*. 2010;25:1972-9.
423. Lemaitre RN, King IB, Sotoodehnia N, Knopp RH, **Mozaffarian D**, McKnight B, Rea TD, Rice K, Friedlander Y, Lumley TS, Raghunathan TE, Copass MK, Siscovick DS. Endogenous red blood cell membrane fatty acids and sudden cardiac arrest. *Metabolism*. 2010;59:1029-1034.
424. Micha R, **Mozaffarian D**. Saturated fat consumption and effects on cardiometabolic risk factors and coronary heart disease, stroke, and diabetes mellitus: a fresh look at the evidence. *Lipids*. 2010;45:893-905.
425. Chiuve SE, Rimm EB, Manson JE, Whang W, **Mozaffarian D**, Stampfer MJ, Willett WC, Albert CM. Intake of total trans, trans-18:1, and trans-18:2 fatty acids and risk of sudden cardiac death in women. *Am Heart J*. 2009;158:761-767.
426. Lloyd-Jones D, Adams RJ, Brown TM, Carnethon M, Dai S, De Simone G, Ferguson TB, Ford E, Furie K, Gillespie C, Go A, Greenlund K, Haase N, Hailpern S, Ho PM, Howard V, Kissela B, Kittner S, Lackland D, Lisabeth L, Marelli A, McDermott MM, Meigs J, **Mozaffarian D**, Mussolino M, Nichol G, Roger V, Rosamond W, Sacco R, Sorlie P, Stafford R, Thom T, Wasserthiel-Smoller S, Wong ND, Wylie-Rosett J; on behalf of the American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Heart Disease and Stroke Statistics--2010 Update: a report from the American Heart Association. *Circulation*. 2009;121:e46-e215.
427. Lloyd-Jones D, Adams RJ, Brown TM, Carnethon M, Dai S, De Simone G, Ferguson TB, Ford E, Furie K, Gillespie C, Go A, Greenlund K, Haase N, Hailpern S, Ho PM, Howard V, Kissela B, Kittner S, Lackland D, Lisabeth L, Marelli A, McDermott MM, Meigs J, **Mozaffarian D**, Mussolino M, Nichol G, Roger V, Rosamond W, Sacco R, Sorlie P, Stafford R, Thom T, Wasserthiel-Smoller S, Wong ND, Wylie-Rosett J; on behalf of the American Heart Association Statistics Committee and Stroke Statistics Subcommittee. Executive Summary: Heart Disease and Stroke Statistics--2010 Update: a report from the American Heart Association. *Circulation*. 2010;121:948-954.
428. Calder PC, Dangour AD, Diekman C, Eilander A, Koletzko B, Meijer GW, **Mozaffarian D**, Niinikoski H, Osendarp SJM, Pietinen P, Schuit J, Uauy R. Essential fats for future health. Proceedings of the 9th Unilever Nutrition Symposium, 26–27 May 2010. *Eur J Clin Nutr*. 2010;64:S1–S13.
429. Joint United Nations Food and Agricultural Organization / World Health Organization Expert Consultation on the Risks and Benefits of Fish Consumption. Executive Summary. 2010, FAO, Rome. At: [ftp.fao.org/FI/DOCUMENT/risk\\_consumption/executive\\_summary.pdf](http://ftp.fao.org/FI/DOCUMENT/risk_consumption/executive_summary.pdf)
430. Food and Agricultural Organization of the United Nations. Fats and fatty acids in human nutrition. 2010, Rome. At: <http://www.fao.org/docrep/013/i1953e/i1953e00.pdf>.
431. **Mozaffarian D**, Ludwig DS. Dietary guidelines in the 21st century--a time for food. *JAMA*. 2010;304:681-682. (Commentary)
432. Park K, **Mozaffarian D**. Omega-3 fatty acids, mercury, and selenium in fish and the risk of cardiovascular diseases. *Curr Atheroscler Rep*. 2010;12:414-22. (Invited review)
433. **Mozaffarian D**, Stampfer MJ. Removing industrial trans fat from foods – a simple policy step to save lives. *BMJ*. 2010;340:c1826. (Invited editorial)



434. Robinson-Cohen C, Katz R, **Mozaffarian D**, Dalrymple LS, de Boer I, Sarnak M, Shlipak M, Siscovick D, Kestenbaum B. Physical activity and rapid decline in kidney function among older adults. *Arch Intern Med*. 2009;169:2116-2123.
435. Kaushik M, **Mozaffarian D**, Spiegelman D, Manson JE, Willett WC, Hu FB. Long-chain omega-3 fatty acids, fish intake, and the risk of type 2 diabetes mellitus. *Am J Clin Nutr*. 2009;90:613-620.
436. Chandra D, Parisini E, **Mozaffarian D**. Travel and risk for venous thromboembolism. *Ann Intern Med*. 2009;151:180-190.
437. Danaei G, Ding E, **Mozaffarian D**, Taylor B, Rehm J, Murray CJL, Ezzati M. Mortality effects of lifestyle, dietary, and metabolic risk factors in the United States: comparative risk assessment. *PLoS Medicine*. 2009;6:e1000058.
438. **Mozaffarian D**, Clarke R. Quantitative effects on cardiovascular risk factors and coronary heart disease risk of replacing partially hydrogenated vegetable oils with other fats/oils. *Eur J Clin Nutr*. 2009;63:S22-33.
439. **Mozaffarian D**, Kamineni A, Carnethon M, Djoussé L, Mukamal KJ, Siscovick DS. Lifestyle risk factors and new-onset diabetes mellitus in older adults: the Cardiovascular Health Study. *Arch Intern Med*. 2009;169:798-807.
440. Levy WC, Lee KL, Hellkamp AS, Poole JE, **Mozaffarian D**, Linker DT, Maggioni AP, Anand I, Poole-Wilson PA, Fishbein DP, Johnson G, Anderson J, Mark DB, Bardy GH. Maximizing survival benefit with primary prevention implantable cardioverter-defibrillator therapy in a heart failure population. *Circulation*. 2009;120:835-842.
441. Levy WC, **Mozaffarian D**, Linker DT, Farrar DJ, Miller LW; REMATCH Investigators. Can the Seattle Heart Failure Model be used to risk-stratify heart failure patients for potential left ventricular assist device therapy? *J Heart Lung Transplant*. 2009;28:231-236.
442. Levy WC, **Mozaffarian D**, Linker DT, Kenyon KW, Cleland JG, Komajda M, Remme WJ, Torp-Pedersen C, Metra M, Poole-Wilson PA; on behalf of the COMET Investigators. Years-needed-to-treat to add 1 year of life: a new metric to estimate treatment effects in randomized trials. *Eur J Heart Fail*. 2009;11:256-263.
443. Asselbergs FW, **Mozaffarian D**, Katz R, Kestenbaum B, Fried LF, Gottdiener JS, Shlipak MG, Siscovick DS. Association of renal function with cardiac calcifications in older adults: the Cardiovascular Health Study. *Nephrol Dial Transplant*. 2009;24:834-840.
444. Lloyd-Jones D, Adams R, Carnethon M, De Simone G, Ferguson TB, Flegal K, Ford E, Furie K, Go A, Greenlund K, Haase N, Hailpern S, Ho M, Howard V, Kissela B, Kittner S, Lackland D, Lisabeth L, Marelli A, McDermott M, Meigs J, **Mozaffarian D**, Nichol G, O'Donnell C, Roger V, Rosamond W, Sacco R, Sorlie P, Stafford R, Steinberger J, Thom T, Wasserthiel-Smoller S, Wong N, Wylie-Rosett J, Hong Y. Heart Disease and Stroke Statistics--2009 Update: a report from the AHA Statistics Committee and Stroke Statistics Subcommittee. *Circulation*. 2009;119:480-6.
445. Ratnayake WMN, L'Abbe MR, **Mozaffarian D**. Nationwide product reformulations to reduce trans fatty acids in Canada: when trans fat goes out, what goes in? *Eur J Clin Nutr*. 2009;63:808-811.
446. **Mozaffarian D**. Fish, mercury, selenium and cardiovascular risk: current evidence and unanswered questions. *Int J Environ Res Public Health*. 2009;6:1894-1916.
447. Micha R, **Mozaffarian D**. Trans-fatty acids: effects on metabolic syndrome, heart disease and diabetes. *Nat Rev Endocrinol*. 2009;5:335-344.
448. **Mozaffarian D**, Aro A, Willett WC. Health effects of trans fatty acids: experimental and observational evidence. *Eur J Clin Nutr*. 2009;63 Suppl 2:S5-21.
449. Harris WS, **Mozaffarian D**, Rimm EB, Kris-Etherton P, Rudel LL, Appel LJ, Engler MM, Engler MB, Sacks F. Omega-6 fatty acids and risk for cardiovascular disease: a science advisory from the American Heart Association Nutrition Subcommittee of the Council on Nutrition, Physical Activity, and

- Metabolism; Council on Cardiovascular Nursing; and Council on Epidemiology and Prevention. *Circulation*. 2009;119:902-7.
450. Smit L, **Mozaffarian D**, Willett WC, on behalf of the World Health Organization and Food and Agriculture Organization of the United Nations Expert Consultation on Fats and Fatty acids in Human Nutrition. Review of fat and fatty acid requirements and criteria for developing dietary guidelines. *Ann Nutr Metab*. 2009;55:44-55.
  451. Harris WS, **Mozaffarian D**, Lefevre M, Toner CD, Colombo J, Cunnane SC, Holden JM, Klurfeld DM, Morris MC, Whelan J. Towards establishing dietary reference intakes for eicosapentaenoic and docosahexaenoic acids. *J Nutr*. 2009;139:804S-19S.
  452. **Mozaffarian D**. Meat intake and mortality: evidence for harm, no effect, or benefit? *Arch Intern Med*. 2009;169:1537-1538.
  453. **Mozaffarian D**. Vitamin D, outdoor happiness, and the meaning of deficiency. *J Am Coll Cardiol*. 2009;3:2011-2.
  454. Wallace S, **Mozaffarian D**. Trans fatty acids and nonlipid risk factors. *Curr Athero Reports*. 2009;11:423-433. (Invited review)
  455. Teegala S, Willett WC, **Mozaffarian D**. Consumption and health effects of trans fatty acids – a review. *J AOAC Intl*. 2009;92:1250-1257. (Invited review)
  456. Virtanen JK, **Mozaffarian D**, Chiuvè SE, Rimm EB. Fish consumption and risk of major chronic disease in men. *Am J Clin Nutr*. 2008;88:1618-1625.
  457. Virtanen JK, Siscovick DS, Longstreth WT, Kuller LH, **Mozaffarian D**. Fish consumption and risk of subclinical brain abnormalities on MRI in older adults. *Neurology*. 2008;71:439-446.
  458. Sun Q, Ma J, Campos H, Rexrode KM, Albert CM, **Mozaffarian D**, Hu FB. Blood concentrations of individual long-chain n-3 fatty acids and risk of nonfatal myocardial infarction. *Am J Clin Nutr*. 2008;88:216-223.
  459. **Mozaffarian D**, Furberg CD, Psaty BM, Siscovick D. Physical activity and incidence of atrial fibrillation in older adults: the Cardiovascular Health Study. *Circulation*. 2008;118:800-807.
  460. **Mozaffarian D**, Kamineni A, Prineas RJ, Siscovick DS. The metabolic syndrome and mortality in older adults: the Cardiovascular Health Study. *Arch Intern Med*. 2008;168:969-978.
  461. **Mozaffarian D**, Stein PK, Prineas RJ, Siscovick DS. Dietary fish and omega-3 fatty acid consumption and heart rate variability in U.S. adults. *Circulation*. 2008;117:1130-1137.
  462. **Mozaffarian D**, Wilson PWF, Kannel WB. Beyond established and novel risk factors: lifestyle risk factors for cardiovascular disease. *Circulation*. 2008;117:3031-8.
  463. Deckelbaum RJ, Leaf A, **Mozaffarian D**, Jacobson TA, Harris WS, Akabas SR. Conclusions and recommendations from the symposium, Beyond Cholesterol: Prevention and Treatment of Coronary Heart Disease with n-3 Fatty Acids. *Am J Clin Nutr*. 2008;87:2010S-2S.
  464. **Mozaffarian D**. Fish and n-3 fatty acids for the prevention of fatal coronary heart disease and sudden cardiac death. *Am J Clin Nutr*. 2008;87:1991S-6S.
  465. De Ferranti SD, **Mozaffarian D**. The perfect storm: obesity, adipocyte dysfunction, and metabolic consequences. *Clin Chem*. 2008;54:1-12.
  466. **Mozaffarian D**, Furberg CD, Psaty BM, Siscovick D. Response to letter regarding article “Physical activity and incidence of atrial fibrillation in older adults: the Cardiovascular Health Study”. *Circulation*. 2008;119:E196-E196.
  467. Micha R, **Mozaffarian D**. Trans fatty acids: effects on cardiometabolic health and implications for policy. *Prostaglandins Leukot Essent Fatty Acids*. 2008;79:147-152.
  468. **Mozaffarian D**. Promise of improving metabolic and lifestyle risks in practice. *Lancet*. 2008;371:1973-1974. (Invited editorial)

469. **Mozaffarian D.** Commentary: Ruminant trans fatty acids and coronary heart disease – cause for concern? *Int J Epidemiol.* 2008;37:182-184. (Invited editorial)
470. **Mozaffarian D,** Willett WC. Ruminant vs. industrial trans fat sources: public health issue or food label skirmish? *Am J Clin Nutr.* 2008;87:515-516. (Invited editorial)
471. **Mozaffarian D,** Marfisi R, Levantesi G, Silletta MG, Tavazzi L, Tognoni G, Valagussa F, Marchioli R. Incidence of new-onset diabetes and impaired fasting glucose in patients with recent myocardial infarction and the effect of clinical and lifestyle risk factors. *Lancet.* 2007;370:667-675.
472. **Mozaffarian D,** Abdollahi M, Campos H, HoushiarRad A, Willett WC. Consumption of trans fats and estimated effects on coronary heart disease in Iran. *Eur J Clin Nutr.* 2007;61:1004-1010.
473. **Mozaffarian D,** Anker SD, Anand I, Linker DT, Sullivan MD, Cleland JGF, Carson PE, Maggioni AP, Mann DL, Pitt B, Poole-Wilson PA, Levy WC. Prediction of mode of death in heart failure: the Seattle Heart Failure Model. *Circulation.* 2007;116:392-398.
474. Moorman AJ, **Mozaffarian D,** Wilkinson CW, Lawler RL, McDonald GB, Crane BA, Spertus JA, Russo JE, Stempien-Otero AS, Sullivan MD, Levy WC. In patients with heart failure elevated soluble TNF receptor-1 is associated with higher risk of depression. *J Cardiac Failure.* 2007;13:738-743.
475. May HT, Horne BD, Levy WC, Kfoury AG, Rasmussen KD, Linker DT, **Mozaffarian D,** Anderson JL, Renlund DG. Validation of the Seattle Heart Failure Model in a community-based heart failure population and enhancement by adding B-type natriuretic peptide. *Am J Cardiol.* 2007;100:697-700.
476. **Mozaffarian D,** Rimm EB. Methylmercury and risk in adults - a balanced view, and more research, are needed. *Environ Health.* 2007;6:31.
477. **Mozaffarian D,** Rimm EB. Risks and benefits of fish intake - author reply. *JAMA.* 2007;297:585-586.
478. **Mozaffarian D.** Fish, n-3 fatty acids, and cardiovascular haemodynamics. *J Cardiovasc Med.* 2007;8:S23-26. (Invited review)
479. Willett WC, **Mozaffarian D.** Trans fats in cardiac and diabetes risk: an overview. *Curr Cardiovasc Risk Reports.* 2007;1:16-23. (Invited review)
480. **Mozaffarian D.** Free fatty acids, cardiovascular mortality, and cardiometabolic stress. *Eur Heart J.* 2007;28:2699-2700. (Invited editorial)
481. **Mozaffarian D.** JELIS, fish oil, and cardiac events. *Lancet.* 2007;369:1062-1063. (Invited editorial)
482. **Mozaffarian D,** Willett WC. Trans fatty acids and cardiovascular risk: a unique cardiometabolic imprint? *Curr Athero Reports.* 2007;9:486-493. (Invited review)
483. **Mozaffarian D.** Fish oil and prevention of atrial fibrillation. *J Am Coll Cardiol.* 2007;50:1513-1514. (Invited editorial)
484. **Mozaffarian D,** Rimm EB. Fish intake, contaminants, and human health: evaluating the risks and the benefits. *JAMA.* 2006;296:1885-1899.
485. **Mozaffarian D,** Prineas RJ, Stein PK, Siscovick DS. Dietary fish and n-3 fatty acid intake and cardiac electrocardiographic parameters in humans. *J Am Coll Cardiol.* 2006;48:478-484.
486. **Mozaffarian D,** Katan MB, Ascherio A, Stampfer MJ, Willett WC. Trans fatty acids and cardiovascular disease. *New Engl J Med.* 2006;354:45-57.
487. **Mozaffarian D,** Gottdiener JS, Siscovick DS. Intake of tuna or other broiled or baked fish vs. fried fish and cardiac structure, function, and hemodynamics. *Am J Cardiol.* 2006;97:216-222.
488. Lemaitre RN, King IB, **Mozaffarian D,** Sotoodehnia N, Rea TD, Kuller LH, Tracy RP, Siscovick DS. Plasma phospholipid trans fatty acids, fatal ischemic heart disease, and sudden cardiac death in older adults: the Cardiovascular Health Study. *Circulation.* 2006;114:209-215.

489. Levy WC, **Mozaffarian D**, Linker DT, Sutradhar SC, Anker SD, Cropp AB, Anand I, Maggioni AP, Burton P, Sullivan MD, Pitt B, Poole-Wilson PA, Mann DL. The Seattle Heart Failure Model: prediction of survival in heart failure. *Circulation*. 2006;113:1424-1433.
490. Ioannou GN, Weiss NS, Boyko EJ, **Mozaffarian D**, Lee SP. Elevated serum alanine aminotransferase activity and calculated risk of coronary heart disease in the United States. *Hepatology*. 2006;43:1145-1151.
491. **Mozaffarian D**, Siscovick DS, Willett WC. Understanding the risks and benefits of fish and omega-3 fatty acid intake. *BMJ* 2006; March 28. Published online at <http://bmj.bmjournals.com/cgi/eletters/332/7544/752>.
492. von Schacky C, Harris WS, **Mozaffarian D**, Kris-Etherton PM. ISSFAL Expert Panel – Response to Cochrane review of the risks and benefits of omega-3 fats for mortality, cardiovascular disease, and cancer. *ISSFAL Newsletter*. 2006;13:3-6.
493. **Mozaffarian D**. Low-fat diet and cardiovascular disease. *JAMA*. 2006;296:279-280.
494. **Mozaffarian D**. Trans fatty acids – effects on systemic inflammation and endothelial function. *Atheroscler Suppl*. 2006;7:29-32. (Invited review)
495. Lemaitre RN, King IB, **Mozaffarian D**, Sotodehnia N, Siscovick DS. Trans-fatty acids and sudden cardiac death. *Atheroscler Suppl*. 2006;7:13-15. (Invited review)
496. Ding EL, **Mozaffarian D**. Optimal dietary habits for the prevention of stroke. *Semin Neurol*. 2006;26:11-23. (Invited review)
497. **Mozaffarian D**, Minami E, Letterer RA, Lawler RL, McDonald GB, Levy WC. The effects of atorvastatin (10 mg) on systemic inflammation in heart failure. *Am J Cardiol*. 2005;96:1699-1704.
498. **Mozaffarian D**, Geelen A, Brouwer IA, Geleijnse JM, Zock PL, Katan MB. The effect of fish oil on heart rate in humans: a meta-analysis of randomized controlled trials. *Circulation*. 2005;112:1945-1952.
499. **Mozaffarian D**, Bryson CL, Lemaitre CL, Burke GL, Siscovick DS. Fish intake and risk of incident heart failure. *J Am Coll Cardiol*. 2005;45:2015-2021.
500. **Mozaffarian D**, Longstreth WT, Lemaitre RN, Manolio T, Kuller LH, Burke GL, Siscovick DS. Fish consumption and stroke risk in elderly individuals: the Cardiovascular Health Study. *Arch Intern Med*. 2005;165:200-206.
501. **Mozaffarian D**, Ascherio A, Hu FB, Stampfer MJ, Willett WC, Siscovick DS, Rimm EB. Interplay between intermediate-chain n-3, long-chain n-3, and n-6 polyunsaturated fatty acids and risk of coronary heart disease in men. *Circulation*. 2005;111:166-173.
502. Erkkilä AT, Herrington DM, **Mozaffarian D**, Lichtenstein AH. Cereal fiber and whole-grain intake are associated with reduced progression of coronary-artery atherosclerosis in postmenopausal women with coronary artery disease. *Am Heart J*. 2005;150:94-101.
503. Huehnergath K, **Mozaffarian D**, Sullivan MD, Crane BA, Wilkinson C, Lawler RL, McDonald GB, Fishbein DP, Levy WC. Usefulness of relative lymphocyte count as an independent predictor of death/urgent transplant in heart failure. *Am J Cardiol*. 2005;95:1492-1495.
504. Ahmadi AJ, Saari JC, **Mozaffarian D**, Garwin GG, Tarbert KJ, Orcutt JC, Hargiss JL, Sires BS. Decreased carotenoid content in preaponeurotic orbital fat of patients with involutional ptosis. *Ophthal Plast Reconstr Surg*. 2005;21:46-51.
505. **Mozaffarian D**. Electron-beam computed tomography coronary calcium – a useful test to screen for coronary heart disease? *JAMA*. 2005;294:2897-901.
506. **Mozaffarian D**, Longstreth WT, Lemaitre RN, Manolio T, Kuller LH, Burke GL, Siscovick DS. Fish consumption and stroke risk. *Cardiol Rev*. 2005;22:20-25.

507. **Mozaffarian D**, Psaty BM, Rimm EB, Lemaitre RN, Burke GL, Lyles MF, Lefkowitz D, Siscovick DS. Fish intake, autonomic function, and risk of atrial fibrillation: reply. *Circulation*. 2005;111:e37.
508. **Mozaffarian D**. Does alpha-linolenic acid intake reduce the risk of coronary heart disease? A review of the evidence. *Altern Ther Health Med*. 2005;11:24-30. (Invited review)
509. **Mozaffarian D**. Effects of dietary fats versus carbohydrates on coronary heart disease: a review of the evidence. *Curr Atheroscler Rep*. 2005;7:435-445. (Invited review)
510. **Mozaffarian D**, Rimm EB, King IB, Lawler RL, McDonald GB, Levy WC. Trans fatty acids and systemic inflammation in heart failure. *Am J Clin Nutr*. 2004;80:1521-1525.
511. **Mozaffarian D**, Rimm EB, Herrington DM. Dietary fats, carbohydrate, and progression of coronary atherosclerosis among postmenopausal women. *Am J Clin Nutr*. 2004;80:1175-1184.
512. **Mozaffarian D**, Psaty BM, Rimm EB, Lemaitre RN, Burke GL, Lyles MF, Lefkowitz D, Siscovick DS. Fish intake and risk of incident atrial fibrillation. *Circulation*. 2004;110:368-373.
513. **Mozaffarian D**, Nye RG, Levy WC. Statin therapy is associated with lower mortality in severe heart failure. *Am J Cardiol*. 2004;93:1124-1129.
514. **Mozaffarian D**, Pischon T, Hankinson SE, Rifai N, Joshipura K, Willett WC, Rimm EB. Dietary intake of trans-fatty acids and systemic inflammation in women. *Am J Clin Nutr*. 2004;79:606-612.
515. Erkkilä AT, Lichtenstein AH, **Mozaffarian D**, Herrington DM. Fish intake is associated with a reduced progression of coronary artery atherosclerosis in postmenopausal women with coronary artery disease. *Am J Clin Nutr*. 2004;80:626-632.
516. **Mozaffarian D**, Fried LP, Burke GL, Fitzpatrick A, Siscovick DS. Lifestyles of older adults: can we influence cardiovascular risk in older adults? *Am J Geriatr Cardiol*. 2004;13:153-160. (Invited review)
517. **Mozaffarian D**, Bryson CL, Spertus J, McDonnell MB, Fihn SD. Age, race, education, and comorbidities do not influence relationships of anginal symptoms with mortality: the Ambulatory Care Quality Improvement Project. *Am Heart J*. 2003;146:1015-1022.
518. **Mozaffarian D**, Nye RG, Levy WC. Anemia predicts mortality in severe heart failure: the Prospective Randomized Amlodipine Survival Evaluation. *J Am Coll Cardiol*. 2003;41:1933-1939.
519. **Mozaffarian D**, Kumanyika SK, Lemaitre RN, Olson JL, Burke GL, Siscovick DS. Cereal, fruit, and vegetable fiber intake and the risk of cardiovascular disease in elderly individuals: the Cardiovascular Health Study. *JAMA*. 2003;289:1659-1666.
520. **Mozaffarian D**, Lemaitre RN, Kuller LH, Burke GL, Tracy RP, Siscovick DS. Cardiac benefits of fish consumption may depend on the type of fish meal consumed: the Cardiovascular Health Study. *Circulation*. 2003;107:1372-1377.
521. Lemaitre RN, King IB, **Mozaffarian D**, Kuller LH, Tracy RP, Siscovick DS. n-3 polyunsaturated fatty acids, fatal ischemic heart disease, and nonfatal myocardial infarction in older adults. *Am J Clin Nutr*. 2003;77:319-325.
522. **Mozaffarian D**, Levy WC. Anemia and energy depletion: reply. *J Am Coll Cardiol*. 2003;42:2030.
523. Siscovick DS, Lemaitre RN, **Mozaffarian D**. The Fish Story: a diet-heart hypothesis with clinical implications: n-3 polyunsaturated fatty acids, myocardial vulnerability, and sudden death. *Circulation*. 2003;107:2632-2364. (Invited editorial)
524. **Mozaffarian D**. Unstable angina and non-ST elevation myocardial infarction. In Gotto A (ed.): *Diseasedex(tm) - General Medicine*, December 18, 2002. Micromedex, Greenwood Village, Colorado. (Invited chapter)
525. **Mozaffarian D**, Caldwell J. Right ventricular involvement in hypertrophic cardiomyopathy: a case report and literature review. *Clinical Cardiology*. 2001;24:2-8.

526. Tran NT, Zivin A, **Mozaffarian D**, Karmy-Jones R. Right atrial perforation secondary to implantable cardioverter defibrillator insertion. *Can Respir J*. 2001;8:283-285.
527. **Mozaffarian D**. Unstable angina and non-ST elevation acute coronary syndromes. *Current Practice of Medicine*. 1999;2:2191-2199. (Invited chapter)
528. **Mozaffarian D**. An elective in tropical medicine: Eldoret, Kenya. *Pharos Alpha Omega Alpha Honor Med Soc*. 1997;60:27-31.
529. Suchecki D, **Mozaffarian D**, Gross G, Rosenfeld P, Levine S. Effects of maternal deprivation on the ACTH stress response in the infant rat. *Neuroendocrinology*. 1993;57:204-212.

**Professional Educational Materials or Reports:**

530. Dietary fat. Chapter in the web-based, internationally used clinical portal UpToDate. At: <http://www.uptodate.com>. First written in 2018; updated regularly, several times each year.
531. Syllabus: Global Cardiovascular and Metabolic Health: Critical Issues in Policy and Translation (Nut 214), Harvard School of Public Health. Doctoral, masters, and medical students. Used locally for this graduate course in global policy. First co-written in 2013 in my role as course co-director, with plans to update annually.
532. Syllabus: Cardiovascular Epidemiology II (Epi 245), Harvard School of Public Health. Doctoral, masters, and medical students. Used locally for this core graduate course in cardiovascular epidemiology. First written in 2008 in my role as course director; updated annually, latest update in 2013.
533. Syllabus: Cardiovascular Epidemiology (Epi 223), Harvard School of Public Health. Doctoral, masters, and medical students. Used locally for this core graduate course in cardiovascular epidemiology. First written in 2007 in my role as course director; updated annually, latest update in 2013.
534. Fish oil and marine omega-3 fatty acids. Chapter in the web-based, internationally used clinical portal UpToDate. At: <http://www.uptodate.com>. First written in 2008; updated regularly, several times each year.
535. Syllabus: Cardiovascular Epidemiology (MPH 220), Tufts University. Doctoral and masters students. Used locally for this graduate course in cardiovascular epidemiology at Tufts. First written in 2004 in my role as course director; updated annually, latest update in 2006.