

## Curriculum Vitae

### LYNNE MARGARET AUSMAN

#### Personal Data:

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**Endowed Chair:** Saqr bin Mohammed al Qasimi Professor in International Nutrition

#### Education:

1973 D.Sc. Harvard School of Public Health, Boston, MA  
Major: Nutrition Minors: Biochemistry and Biostatistics  
1969 M.Sc. Harvard School of Public Health, Boston, MA  
Major: Nutrition  
1967 B.S. University of California, Davis, CA  
Majors: Nutrition; Dietetics

#### Postdoctoral Training:

1973 Fellow, Harvard School of Public Health, Department of Nutrition, Boston, MA

#### Certification:

1978 Registered Dietitian No. R 485834

#### Academic Appointments:

1993-1993-2005 Professor, School of Nutrition Science and Policy, Tufts Univ, Medford, MA  
Dean of Students, School of Nutrition Science and Policy, Tufts University,  
Medford, MA  
1997- Adjunct Professor, Family Medicine and Consumer Health, Tufts University  
School of Medicine, Tufts University, Boston, MA  
1986-1993 Associate Professor, School of Nutrition, Tufts University, Medford, MA  
1992-1997 Adjunct Clinical Instructor, University of Massachusetts Lowell, Lowell, MA  
1988- Scientist, Human Nutrition Research Center on Aging, Tufts University,  
Boston, MA  
1988-1991 Adjunct Associate Professor, Department of Medicine, School of Veterinary  
Medicine, Tufts University, Boston, MA  
1981-1986 Assistant Professor, School of Nutrition, Tufts University, Medford, MA  
1982-1988 Adjunct Assistant Professor, Department of Medicine, School of Veterinary  
Medicine, Tufts University, Boston, MA

- 1982-2000 Lecturer on Comparative Pathology, Department of Pathology, Harvard Medical School, New England Regional Primate Research Center, Southborough, MA
- 1979 Lecturer in Nutrition, Frances Stern Nutrition Center, New England Medical Center, Boston, MA
- 1978 Lecturer in Nutrition, Department of Nutrition, Harvard School of Public Health, Boston, MA
- 1978 Lecturer in Nutrition, Bunker Hill Community College, Charlestown, MA
- 1973-1987 Research Associate in Nutrition, Harvard School of Public Health, Boston, MA
- 1973-1974 Special Instructor in Nutrition, Simmons College, Boston, MA

**Teaching Experience:**

**Tufts University - School of Nutrition Science and Policy:**

Course director/instructor or lecturer (lectures indicated) for each of the following courses:

- 2013- NUTB 205 Nutritional Biochemistry with Community/Clinical Applications: Macronutrients
- 2013- NUTB 305 Nutritional Biochemistry with Community/Clinical Applications: Micronutrients
- 2014- NUTB 300 - Thesis: Research Methods and Proposal Writing Practicum
- 2010- NUTR 219 Food Science Fundamentals, Boston, MA.
- 2009-2012 NRAK 205 Nutritional Biochemistry with Community/Clinical Applications: Macronutrients
- 2009-2012 NRAK 305 Nutritional Biochemistry with Community/Clinical Applications: Micronutrients
- 2009-2015 NRAK/NUTB 219 – Fundamentals of Food Science
- 2007- NUTR 370 – Nutritional Biochemistry: Macronutrients (various lectures)
- 2007-2014 NUTR 371 – Nutritional Biochemistry: Micronutrients (various lectures)
- 2007-2010 NUTR 291SP – Scientific Principles of Nutrition and Food (8 lectures/yr)
- 2007 -2012 NUTR 497 – Grant Writing (annually)
- 1995-2007 Nutr 271 - Nutritional Biochemistry and Physiology (includes):  
 Nutr 271A - Macronutrients (annually)  
 Nutr 271B - Micronutrients (annually)
- 1985-present Nutr 219 – Fundamentals of Food Science (formerly The American Food System - Technical, Distribution, and Marketing Issues (annually)
- 1994-2004 Nutr 202 - General Nutrition (annually)
- 1985-1994 Nutr 270 - Nutritional Biochemistry and Physiology (includes):  
 Nutr 270A - Water-soluble vitamins (1985, 1987, 1988, 1990, 1991, 1993)  
 Nutr 270C - Lipids (1986, 1987, 1989, 1990, 1992, 1993)  
 Nutr 270E - Protein and Carbohydrate (1986, 1988, 1989, 1991, 1992, 1994)
- 1982-1984 Nutr 201A & 201B - Nutritional Biochemistry and Physiology
- 1982-1984 Nutr 205A & 205B - Intermediate Nutrition for Policy and Program Majors
- 1983-1984 Nutrition 280 - Journal Club
- 1982-1983 Nutrition 280A,B - Advanced Topics in Nutrition
- 1981-1982 Nutrition 281 - Journal Club

1981 Nutrition 201 - Nutritional Biochemistry and Physiology.

**Tufts University - School of Veterinary Medicine:**

1982-1986 Course co-director/lecturer for Comparative Veterinary Nutrition course.  
School of Veterinary Medicine, Tufts University, Boston, MA

**Tufts University - Frances Stern Nutrition Center:**

1984-2015 Invited lecture on protein metabolism in N250A/NUTR 315 – Applied Biochemistry.

1979 Frances Stern Nutrition Center. Supervised and prepared lectures for Public Health Nutrition course.

**Other institutions:**

1986-1997 Invited lectures in undergraduate nutrition course, University of Massachusetts Lowell, Lowell, MA

1978 Teaching Assistant and Lecturer for course on Public Health Nutrition, Harvard School of Public Health, Boston, MA

1978 Course co-director for undergraduate nutrition course, Bunker Hill Community College, Charlestown, MA

1973 Course co-director for undergraduate nutrition course, Simmons College, Boston, MA

**Major Research Interests and Applications:**

1. Evaluation of glycemic index to assess diet-associated chronic disease risk.
2. Effectiveness of hybrid learning for instruction in masters level nutrition curriculum for an international setting.
3. Establish a diploma and Masters degree program for eligible graduates from Lilongwe University of Agriculture and Natural Resources (LUANAR), Lilongwe, Malawi, to be trained as a dietitian for local hospitals and local and rural health centers.
4. Vitamin D status of defined populations.
5. Soy protein, trans fatty acids, plant sterols, and genetically modified oils as determinants of plasma lipid and lipoprotein concentrations.
6. Influence of diet on development of colon and breast cancer in animal models.

**Service and Advising Assignments:**

**Tufts University:**

**Advising:**

1981-present Academic Advisor for approximately 30 MS students in 2014-2015.

1991-1995 Ph.D. Dissertation advisor for Ms. Ni Rong

2001-present Member of dissertation committees for doctoral students (five in 2012-2015).

**Committee and Director Assignments:**

- 2008- Program Director, Master of Nutrition Science and Policy (MNSP) degree program given in hybrid fashion. Residencies in Ras Al Khaimah, United Arab Emirates from 2009 – 2012 and Boston, MA from 2013 – present.
- 2008-2014 Program Leader, Biochemical and Molecular Nutrition (BMN) Program
- 2009-2014 Member, Nutrition Science Admissions Committee
- 2009-2013 Member, Finance and fundraising Committee
- 2014- Member, Curriculum and Degrees Committee (also 2006-2009)
- 1999-2001 Director, Program in Human Nutrition, School of Nutrition Science and Policy, Tufts University
- 1999-2005 Member, Academic Advisory Committee
- 1998-1999 Chairperson, Human Nutrition Science Subcommittee
- 1994-2005 Ex Officio member of the Admissions and Recruitment Committee
- 1994-2006 Ex Officio member of Curriculum and Degrees Committee
- 1994-1995 Member, Committee on Committees
- 1993-2011 Sexual Harassment Resource Person for Tufts University on behalf of the Friedman School
- 1993-2005 Member, Steering Committee, School of Nutrition, Medford, MA
- 1993-2002 Chairperson, Animal Care and Use Committee, Human Nutrition Research Center on Aging, Tufts University, Boston, MA
- 1992-2015 Member, Animal Care and Use Committee, Human Nutrition Research Center on Aging, Tufts University, Boston, MA and Tufts Health Science Campus ACUC, Boston, MA
- 1991-1996 Member, Animal Care and Use Committee, Tufts University, Medford, MA
- 1989- Member, Steering Committee, NIH Training Grant from NIDDK (for M.D., D.V.M., and D.D.M. candidates for Ph.D. degrees and postdoctoral fellowship). Also member of committee that helped write the grant.
- 1990-2000 Member, Steering Committee, NIH Training Grant from NIA for predoctoral fellowships.
- 1987- Curriculum committee for basic sciences - Chairperson 1987-1989 and 1991-1992
- 1985-1994 Admissions Committee - Human Nutrition Sciences track. Chair 1985-1991.
- 1984-1985 Scholarship Committee (helped write successful USDA training grant for student funding in 1984)
- 1982 Organized Spring seminar series, School of Nutrition
- 1981-1985 Admissions Committee (Combined for science and policy tracks).
- 1981-1993 Curriculum and Degrees Committee, School of Nutrition, Tufts University, Medford, MA.
- 1981-1985 Executive Faculty Committee, School of Nutrition, Tufts University, Medford, MA.

**Other institutions:**

- 1999 – 2003 Member of Thesis Committee (Student M. Waly), The Graduate School of Pharmacy and Allied Health Professions, Northeastern University, Boston, MA.
- 1990-1997 Member, Advisory Committee for Dietetics Education Programs, Framingham State College, Framingham, MA

1984-1987 Member of Thesis Committee (Student D. Blocker) Dept of Nutrition, Harvard School Public Health, Boston, MA

### Organizational Memberships:

1992- Institute of Food Technologists  
1984- American Public Health Association  
1982- The Massachusetts Public Health Association  
1979- American Society for Nutrition (formerly American Society for Nutritional Sciences; also formerly American Institute of Nutrition)  
1978- Academy of Nutrition and Dietetics (formerly American Dietetic Association)  
2000- American Association for the Advancement of Science

### Other Professional Activities:

2015 Faculty Seminars on Teaching with Technology, November 2, 2015  
2014 28<sup>th</sup> Annual Tufts University Wide Conference on Teaching and Learning: *Is it on the test?: Transforming Teaching, Transforming Learning*, December 11, 2014, 8:30 AM– 4:30 PM. Grafton Campus (also part of planning committee).  
2014 Teaching with Technology Symposium, May 21 & 22, 2014 8:30 AM – 4 PM. Medford Campus  
2013 27<sup>th</sup> Annual Tufts University Wide Conference on Teaching and Learning: The Science of Learning and the Art of teaching. December 10, 2013. 8:30 AM to 4:30 PM Medford Campus  
2013 Academic Leadership Development Program Booster (Leading Great Meetings: Increasing Productivity, Creativity, and Enjoyment”. Jeff Clanon, Nov 15 8:30 AM to 1 PM.  
2013 Getting Started with the Flipped Classroom, October 25, 2013, 9 AM – 1 PM. Grafton Campus PM  
2013 Teaching with Technology Symposium, May 22 & 23, 2013 9:00 AM – 3:30.. The Hillel Center, Medford Campus  
2013 Webinar – “The Shocking Truth About Vitamin D Status”. Dr. Gregory Plotnikoff, DiaSorin, Nov 14 noon – 1 PM.  
2012 26th Annual Tufts University-Wide Conference on Teaching and Learning: Engage and Inspire Learning through Teamwork, December 12, 2012, 9:30 AM - 3:45 PM Boston Campus  
2012 One seminar at Regis College: “Vitamin D: Do Most of Us Need More” (Oct 16, 2012)  
2012 One seminar at Sharjah University: “Vitamin D: Do Most of Us Need More” (Sept 25, 2012)  
2011 25th Tufts University Wide Conference on Teaching and Learning: Classrooms without Borders: Using Blended Learning to Extend the Classroom Experience. December 13, 2011. 9 AM to 3 PM Grafton Campus.  
2011 Two seminars at Kuwait University: “Vitamin D” (Nov 28, 2011) and “What is New in Carotenoids?” (Nov 30, 2011).  
2011 Site-visit reviewer for a planned MS degree program in Nutrition and Food Science, College for Women, Kuwait University (Nov 25 – Dec 2, 2011)  
2011 The New Middle East: challenges and Opportunities – October 13-14, 2011. Tufts University, Medford, MA

- 2011 "The Friedman School and the Master of Nutrition Science and Policy degree in Partnership with EDRAK, Ras al Khaimah". Presentation at First Regional Nutrition Conference: Nutrition Challenges in the East Mediterranean Region. March 28-29, 2011, Doha, Qatar.
- 2010 Annual conferences on Distance Teaching and Learning, August 2010, Madison Wisconsin
- 2010 Nutrition and Global Health, 12<sup>th</sup> Annual Postgraduate Nutrition Symposium, Harvard Medical School and Harvard School of Public health, July 7-8, 2010
- 2009 Annual Meeting Institute of Food Technologists, June 7-10, 2010, Anaheim, California.
- 2008 Presented roundtable session entitled: "Planning an International Hybrid Degree Program: Design & Development Issues", Distance Learning Association, Jekyll Island, Georgia, June 22-25, 2008
- 2008 Reviewer for Institute of Food Technologists Annual Meeting 2009 Abstracts and Symposia.
- 2007-2006 Editorial Board, Journal of Medical Primatology; Nutrition Today  
"Comparative Aspects of Laboratory Animal Nutrition -- Nutritional Enrichment for Non-Human Primates", The New England Branch of AALAS and Massachusetts General Hospital Center for Comparative Medicine, and Purina Mills
- 2006-2007 Annual conferences on Distance Teaching and Learning, August 2006 and 2007, Madison Wisconsin
- 2004 Foundations of Leadership, 35-hour course from Department of Human Resources, Organizational Development and Training, Tufts University.
- 2003 Invited speaker, Care of non-human primates following organ transplantation, American Association for Laboratory Animal Science Annual Meeting, Seattle, October 12-16, 2003
- 2002-2006 Treasurer (Elect 02-04), Society for Experimental Biology and Medicine  
2003 1<sup>st</sup> annual Academic Technology (AT) Mini-Institute (10/22/03)
- 2002-2000 Editorial Advisory Board, Nutrition Today.  
Participant, Comparative Nutrition Society Biannual Meeting, Asilomar, Pacific Grove, CA August 4-9, 2000
- 1998-2001 Member, Research Committee, Institute of Food Technologists, Chicago, IL
- 1998-2001 Member, Committee on Animal Nutrition's Subcommittee on Nonhuman Primate Nutrition of the National Research Council, Board on Agriculture, Washington, D.C.
- 1996 Invited Talk: Alternative Carbohydrates and Fat Replacers. Massachusetts College of Pharmacy Continuing Education Program for Pharmacists. November 23, 1996
- 1995 Invited Talk: Fiber and Disease. Massachusetts College of Pharmacy Continuing Education Program for Pharmacists. December 16, 1995
- 1995 AIN delegate to FASEB "Indirect Costs Consensus Conference". June 13-14, 1995, Bethesda, MD
- 1995 Invited Speaker, American Zoo and Aquarium Association, Symposium on the Health and Nutrition of New World Primates, Louisville, KY, 3/11/95.
- 1994 Ad Hoc Site Visitor for NCI (NIH) Sponsored Program Project.
- 1994-1998 Councilor, Society for Experimental Biology and Medicine
- 1994-1997 Finance Committee Member, American Institute of Nutrition.

- 1994 Invited Talks: Nutrition Labeling: How Can It Help Me? March, April, May - Continuing Education for Pharmacists in the State of Massachusetts
- 1993 Invited Talk: Overview of FDA Law and Regulation of Foods. Massachusetts College of Pharmacy Continuing Education Program for Pharmacists. Pharmacy and Nutrition: Food for Thought II. December 12, 1993.
- 1993 Invited Talk: Foods, Labeling, and Disease Prevention. Massachusetts College of Pharmacy Continuing Education Program for Pharmacists. March 17, 1993.
- 1991 Nutrition Consultant to Dietary Intervention Study in Quito, Ecuador.
- 1990 Speaker, "Diet and Colon Cancer". Symposium on Nutrition and Cancer, HNRCA, Tufts University, Boston, April 25, 1990
- 1988 Speaker, "Does a high fiber diet decrease risk of colon cancer?" Symposium on "Interrelationship of Cardiovascular and Cancer Epidemiology and Prevention", American Heart Association, Council on Epidemiology, Santa Fe, NM, March 17-19, 1988.
- 1988 Speaker, Animal Care Training Event at NERPRC: "Nutrition as a Variable in Experimental Studies in Primates"
- 1987 Speaker, "Nutrition and Colon Cancer", Three-day workshop for state health workers sponsored by Continuing Education, Tufts University and Dr. Johanna Dwyer, FSNC, New England Medical Center
- 1986 Participant, NHLBI/USDA "Workshop on the Impact of Dietary Cholesterol on Plasma Lipoproteins and Atherogenesis"
- 1986 Seminar Speaker, "Careers in Nutrition: Food for Thought", Medford, MA
- 1984 Participant, NIH/ORAU Workshop on "Is the Marmoset an Experimental Model for the Study of Gastrointestinal Disease?"
- 1982 Guest Speaker, AHEC, Pittsfield, MA. In-service training for dietitians.
- 1981-1985 Guest speaker on nutrition and exercise for the Appalachian Mountain Club; presentations at several workshops of the summer and winter hiking and backpacking committee and the canoeing committee.
- 1979 Site visitor for NIH (Animal Resources Branch, Dr. Leo Whitehair)
- 1978 Speaker at workshop on primate nutrition, NIH Nutrition Study Section, Oct. 23-24, Beaverton, Oregon.
- 1975 On-site consultant, INCAP (Institute of Nutrition, Central America and Panama) farm, Guatemala - utilization of the infant squirrel monkey as a research animal.
- 1971-1973 Chemistry Technician, Peter Bent Brigham Hospital, Boston, MA
- 1970-1971 Hematology Technician, Children's Hospital Medical Center, Boston, MA
- 1968 On-site participant in planning the pilot phases of a cooperative study in Colombia, South America, studying malnutrition and mental development.
- 1967 Dietary consultant, Department of Physical Education, University of California, Davis, CA - NASA (National Aeronautic Space Administration) study utilizing human subjects.

**Awards and Honors:**

- 2012 Elected Fellow, American Society for Nutrition, April 2012.
- 2009 Tufts Distinction Award for category of *The Unsung Hero Award, for accomplishing the extraordinary every day*

2007	Recipient of an endowed chair -- "Saqr bin Mohammed al Qasimi Professor in International Nutrition" – December 4, 2007.
2005	First awardee for the "Distinguished Faculty Award" for meritorious teaching, research and service. Nov. 2005.
2005	Faculty Award for Service to the School awarded by the Alumni Association of the Friedman School
1963-1967	Phi Beta Kappa; Phi Kappa Phi; Regents Scholar, University of California; California Aggie Alumni Association Scholarship; California Home Economics Association Scholarship University of California, Departmental Citation for Outstanding Achievement in Family and Consumer Sciences; Agathon; Prytanean Society; Omicron Nu
1967-1973	US Public Health Service Trainee for Masters and Doctoral Work

### **Publications:**

### **Journal Articles:**

1. Ausman LM, Hayes KC, Lage A, Hegsted DM. Nursery care and growth of old and new world infant monkeys. *Lab An Care* 1970;20:907-913.
2. Ausman LM, Hayes KC, Hegsted DM. Protein deficiency and carbohydrate tolerance of the infant squirrel monkey (*Saimiri sciureus*). *J Nutr* 1972;102:1519-1528.
3. Hegsted DM, Ausman LM. Sole foods and some not so scientific experiments. *Nutrition Today* 1973;8:22-25.
4. Hegsted DM, Ausman LM versus Williams RJ. Nutrition contretemps. *Nutrition Today* 1974;9:9 -10, 29-30.
5. Samonds KW, Ausman LM, Hegsted DM. The hematological development of the cebus monkey (*Cebus albifrons* and *apella*). *Folia Primatologica* 1974;22:72-79.
6. Ausman LM, Hayes KC. Vitamin E deficiency anemia in Old and New World monkeys. *Am J Clin Nutr* 1974;27:1141-1151.
7. Ausman LM, Gallina DL, Hayes KC, Hegsted DM. Hematological development of the infant squirrel monkey (*Saimiri sciureus*). *Folia Primatologica* 1976;26:292-300.
8. Ausman LM, Gallina DL, Camitta BM, Flath LC, Hegsted DM. Acute erythroid hypoplasia in malnourished infant squirrel monkeys fed isolated soy protein. *Am J Clin Nutr* 1977;30:1713-1720.
9. Ausman LM, Gallina DL. Response to glucose loading of the lean squirrel monkey in unrestrained conditions. *Am J Physiol* 1978;234:R20-R24.
10. Ausman LM, Gallina DL, Samonds KW, Hegsted DM. Assessment of the efficiency of protein utilization in young squirrel and macaque monkeys. *Am J Clin Nutr* 1979;32:1813-1823.



11. Rasmussen K, Ausman LM, Hayes KC. Vital statistics from a laboratory breeding colony of squirrel monkeys (*Saimiri sciureus*). *Lab An Sci* 1980;30:99-106.
12. Ausman LM, Hegsted DM. Protein requirements of adult cebus monkeys (*Cebus albifrons*). *Am J Clin Nutr* 1980;33:2551-2558.
13. Goldberger L, Ausman LM, Boelkins RC. Incidental learning, attention, and curiosity in squirrel monkeys calorie deprived as infants. *Learning and Motivation* 1980;11:185-207.
14. Russo, AR, Ausman LM, Gallina DL, Hegsted DM. Developmental body composition of the squirrel monkey (*Saimiri sciureus*). *Growth* 1980;44:271-286.
15. Ausman LM, Rasmussen KM, Gallina DL. Spontaneous obesity in maturing squirrel monkeys fed semipurified diets. *Am J Physiol* 1981;241:R316-R321.
16. Ausman LM, Powell EM, Mercado DL, Samonds KW, el Lozy M, Gallina DL. Growth and developmental body composition of the cebus monkey (*Cebus albifrons*). *Am J Primatol* 1982;3:211-227.
17. Dwyer J, Foulkes E, Evans M, Ausman L. Acid/alkaline ash diets: time for assessment and change. *J Am Diet Assoc* 1985;85:841-845.
18. Ausman LM, Harwood JP, King NW, Sehgal PK, Nicolosi RJ, Hegsted DM, Liener IE, Donatucci D, Tarcza J. The effects of long term soy protein and milk protein feeding on the pancreas of *Cebus albifrons* monkeys. *J Nutr* 1985;115:1691-1701.
19. Ausman LM, Gallina DL, Hayes KC, Hegsted DM. Comparative assessment of soy and milk protein quality in infant cebus monkeys. *Amer J Clin Nutr* 1986;43:112-127.
20. Gallina DL, Ausman LM. Assessment of the efficiency of nitrogen utilization in the infant cebus monkey (*Cebus albifrons*) by nitrogen balance. *J Med Primatol* 1986;15(5):199-213.
21. Gallina DL, Ausman LM, Kriauciunas K, Hegsted DM. Dissociated response of plasma albumin and transferrin to protein-calorie restriction in squirrel monkeys (*Saimiri sciureus*). *Amer J Clin Nutr* 1987;46:941-948.
22. Hegsted DM, Ausman LM. Diet, alcohol, and coronary heart disease in men. *J Nutr* 1988;118:1184-1189.
23. Ausman LM, Gallina DL, Hegsted DM. Protein-calorie malnutrition in squirrel monkeys: adaptive response to calorie deficiency. *Am J Clin Nutr* 1989;50:19-29.
24. Blocker DE, Ausman LM, Meadows CA, Thenen SW. Experimental maternal and neonatal folate status relationships in nonhuman primates. *Am J Clin Nutr* 1989;50:120-128.

25. Chee KM, Gong J, Meydani M, Rees DG, Johnson J, Ausman L, Siguel EN, Schaefer EJ. Fatty acid content of marine oil capsules. *Lipids* 1990;25:523-528.
26. Nicolosi RJ, Ausman LM, Hegsted DM. Rice bran oil lowers serum total and low density lipoprotein cholesterol and apo B levels in nonhuman primates. *Atherosclerosis* 1991;88(2-3):133-142.
27. Dwyer JT, Ausman LM. Fiber: unanswered questions. *J National Cancer Institute* 1992;84:1851-1853.
28. Lichtenstein AH, Ausman LM, Carrasco W, Jenner JL, Ordovas JM, Schaefer EJ. Hydrogenation impairs the hypolipidemic effect of corn oil in humans. *Arteriosclerosis and Thrombosis* 1993;13:154-161.
29. Hegsted, DM, Ausman, LM, Johnson, JA, and Dallal, GE. Dietary fat and serum lipids: an evaluation of the experimental data. *Am J Clin Nutr* 1993;57:875-83.
30. Ausman LM. Fiber and colon cancer: does the current evidence justify a preventive policy?. *Nutrition Reviews* 1993;51:57-63.
31. Ausman LM, Johnson JA, Guidry C, Nair PP. Fecal bile acids and neutral sterols in the cotton-top tamarin (*Saguinus oedipus*). *Comp Biochem Physiol* 1993;105B(3/4):655-663.
32. Rogers EJ, Sabrah T, Hebert JR, Ausman LM, Hegsted DM, Nicolosi RJ. A comparison of serum retinol concentrations between human and different species of normo and hypercholesterolemic nonhuman primates fed semipurified diets with defined amounts of vitamin A. *Comp Biochem Physiol* 1993;106A(4):749-754.
33. Lichtenstein AH, Ausman LM, Carrasco W, Jenner JL, Gualtieri LJ, Goldin BR, Ordovas JM, Schaefer EJ. Effects of canola, corn, and olive oils on fasting and postprandial plasma lipoproteins in humans as part of a National Cholesterol Education Program Step 2 Diet. *Arterioscler Thromb* 1993;13:1533-1542.
34. Croll DH, Nicolosi RJ, Ausman LM. Cholesterol metabolism in New World primates: Comparative studies in two tamarin species and the squirrel monkey. *Comp Biochem Physiol* 1993;106B(4):845-853.
35. Lichtenstein AH, Ausman LM, Carrasco W, Jenner JL, Ordovas JM, Schaefer EJ. Hypercholesterolemic effect of dietary cholesterol in diets enriched in polyunsaturated and saturated fat. *Arterioscler Thromb* 1994;14:168-175.
36. Lichtenstein AH, Ausman LM, Carrasco W, Gualtieri LJ, Jenner JL, Ordovas JM, Nicolosi RJ, Goldin BR, Schaefer EJ. Effect of rice bran oil on plasma lipids in moderately hypercholesterolemic humans as part of a National Cholesterol Education Program Step 2 Diet. *Arterioscler Thromb* 1994;14:549-556.
37. Lichtenstein AH, Ausman LM, Carrasco W, Jenner JL, Ordovas JM, Schaefer EJ. Short term consumption of a low fat diet has a positive impact on plasma lipid

- concentrations only when accompanied by weight loss. *Arterioscler Thromb* 1994;14:1751-1760.
38. Johnson LD, Ausman LM, Seghal PK, King NW. A prospective study of the epidemiology of colitis and colon cancer in cotton-top tamarins (*Saguinus oedipus*). *Gastroenterology* 1996;110:102-115.
  39. Rong N, Ausman LM, Nicolosi RJ. Oryzanol decreases cholesterol absorption and aortic fatty streaks in hamsters. *Lipids* 1997;32(3):303-309.
  40. Schaefer EJ, Lamon-Fava S, Ausman LM, Ordovas JM, Clevidence BA, Judd JT, Goldin BR, Woods M, Gorbach S, Lichtenstein AH. Individual variability in lipoprotein cholesterol response to National Cholesterol Education Program Step 2 Diets. *Am J Clin Nutr* 1997;65:823-30.
  41. Rolland RM, Chalifoux LV, Snook SS, Ausman LM. Five spontaneous deaths associated with *Clostridium difficile* in a colony of cotton-top tamarins (*Saguinus oedipus*). *Laboratory Animal Science* 1997;47(5):472-476.
  42. Stucchi AF, Nicolosi RJ, Karge WH III, Ausman LM, Ordovas JM. Dose response study of dietary cholesterol on serum lipids, lipoproteins and LDL metabolism in cynomolgus monkeys. *J Nutr* 1998;128:1104-1113.
  43. Jones PJH, Ausman LM, Croll DH, Feng JY, Schaefer EA, Lichtenstein AH. Validation of deuterium incorporation against sterol balance for measurement of human cholesterol biosynthesis. *J Lipid Res* 1998;39:1111-1117.
  44. Schwab US, Vogel S, Lammi-Keefe CJ, Ordovas JM, Schaefer EJ, Li Z, Ausman LM, Gualtieri L, Goldin BR, Furr HC, Lichtenstein AH. Varying dietary fat type of reduced-fat diets has little effect on the susceptibility of LDL to oxidative modification in moderately hypercholesterolemic subjects. *J Nutr* 1998;128:1703-1709.
  45. Lichtenstein AH, Ausman LM, Jalbert S, Schaefer E. Effect of different forms of dietary hydrogenated fats on serum lipoprotein cholesterol levels. *NEJM* 1999;340:1933-1940. [erratum appears in *NEJM* 1999 Sep 9;341(11):856]
  46. Ausman LM. Criteria and recommendations for vitamin C intake. *Nutrition Reviews* 1999;57(7):222-224.
  47. Schwab US, Ausman LM, Vogel S, Li Z, Lammi-Keefe CJ, Goldin BR, Ordovas JM, Schaefer EJ, Lichtenstein AH. Dietary cholesterol increases the susceptibility of low density lipoprotein to oxidative modification. *Atherosclerosis* 2000;149(1):83-90.
  48. Matthan NR, Ausman LM, Lichtenstein AH, Jones PJH. Hydrogenated fat consumption affects cholesterol synthesis in moderately hypercholesterolemic women. *J Lipid Research* 2000;41(5):834-9.
  49. Matthan NR, Raeini-Sarjaz M, Lichtenstein AH, Ausman LM, Jones PJH. Deuterium uptake and plasma cholesterol precursor levels correspond as methods for

- measurement of endogenous cholesterol synthesis in hypercholesterolemic women. *Lipids* 2000;35(9):1037-1044.
50. Wilson TA, Ausman LM, Lawton CW, Hegsted DM, Nicolosi RJ. Comparative cholesterol lowering properties of vegetable oils: beyond fatty acids. *Am College of Nutrition* 2000;19(5):601-607.
  51. Johnson LD, Ausman LM, Rolland RM, Chalifoux LV, Russell RG. *Campylobacter*-induced enteritis and diarrhea in captive cotton-top tamarins (*Saguinus oedipus*) during the first year of life. *Comparative Medicine* 2001;51(3):257-261.
  52. Lichtenstein AH, Jauhiainen M, McGladdery S, Ausman LM, Jalbert SM, Vilella-Bach M, Ehnholm C, Frohlich J, Schaefer EJ. Impact of hydrogenated fat on high density lipoprotein subfractions and metabolism. *Journal of Lipid Research* 2001;42(4):597-604.
  53. Camire ME, Ausman LM, Decker E, Larick D, Nielsen SS, Patrick R, Peterson D, Regenstein J, Schaller D, Solberg M, Whiting R, Zawel S. Diet and health research needs. *Food Technology* 2001;55:189-191.
  54. Matthan NR, Cianflone K, Lichtenstein AH, Ausman LM, Jauhiainen M, Jones PJH. Hydrogenated fat consumption affects acylation-stimulating protein levels and cholesterol esterification rates in moderately hypercholesterolemic women. *J Lipid Research* 2001;42(11):1841-1848.
  55. Lichtenstein AH, Ausman LM, Jalbert SM, Vilella-Bach M, Jauhiainen M, McGladdery S, Erkkilä, Ehnholm C, Frohlich J, Schaefer EJ. Efficacy of a Therapeutic Lifestyle Change/Step 2 diet in moderately hypercholesterolemic middle aged and elderly female and male subjects. *J Lipid Res* 2002;43(2):264-73.
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68. Rafacho BP, Stice C, Liu C, Ausman L, Greenberg A, Wang X-D. Flavonoid luteolin supplementation inhibits diethylnitrosamine-initiated alcohol-promoted hepatic inflammation and precancerous lesions in mice (829.7) *FASEB J April 2014 28:829.7*

### **Past Support**

Nutrition Education and Training Activities

3/1/2007 – 8/31/2013

EDRAK (government of Ras Al Khaimah)

The long-term goal of this project is to develop innovative styles of teaching using face-to-face education and the newer technologies of synchronous and asynchronous learning to use in a blended model distance learning program for students in Ras Al Khaimah, United Arab Emirates.

Role: Program Director for the Master of Nutrition Science and Policy Degree

R01 DK 0733221 (Lichtenstein, PI)

9/1/2007-8/31/2014

NIH/NIDDK

Evaluation of Glycemic Index to Assess Diet-Associated Chronic Disease Risk

The objective is to assess the validity of using glycemic index and glycemic load as criterion with which to make chronic disease (obesity, heart disease, diabetes) risk reduction recommendations.

Role: Co-Investigator

### **Current Support**

USAID funded work for Malawi

12/29/2014 – 12/28/2018

Nutrition Innovation Laboratory  
(Jeffrey Griffiths, PI)

Role: Establish a diploma program for eligible graduates from Bunda College in Lilongwe, Malawi, who would like to be trained as a dietitian. Consists of one year of coursework and 7 months of dietetic internship. Two additional semesters of coursework including a thesis will bring a Master's degree.