The Center for Translational Science Education (CTSE) at Tufts University School of Medicine in downtown Boston is seeking to hire Scientist-Educators as **William Bingham the 2nd Fellows**, who will join our efforts to launch a new online graduate level teacher training program at Tufts School of Medicine called Teaching the Great Diseases (TGD). This is a one-year postdoctoral position available March 2018 (start date flexible) with possibility to continue for an additional three years upon review and mutual agreement.

As a fellow you will bridge the divide between health sciences and education professions. The training will include exposure to best practices in online learning and teacher training, as well as an introduction to the scholarship of teaching and learning. The selected applicant will also be encouraged to publish findings and develop his/her own grant proposal based on this or a related project. This training will prepare a biomedical scientist interested in obtaining experience in online teaching, curriculum development and biology education research.

The goal of the TGD program is to equip high school teachers with the knowledge, skills and classroom materials needed to teach health and biomedical sciences. More specifically, it supports teachers interested in using a high school level Biology II curriculum called the Great Diseases, which emphasizes authentic scientific thinking through four ‘Great Disease’ modules: Infectious Disease, Neurological Disorders, Metabolic Disease and Cancer.

Example responsibilities include but not limited to:
- Build and amend curricular materials based on the four disease topics within the TGD program.
- Establish a research project related to the TGD program.
- Analyze assessment data to evaluate program efficacy.
- Interface (mostly virtually) with high school instructors to assist them in understanding the science pertaining to the project.

**REQUIRED QUALIFICATIONS:**
- Doctoral or equivalent degree (currently held or expect to obtain shortly) in a scientific discipline, preferably neurobiology, microbiology, immunology or nutrition.
- Excellent oral and written communication skills, including professional correspondence.
- Demonstrated ability to create timelines, meet project deadlines, assess priorities, take initiative, and operate in a flexible manner.
- Demonstrated ability to interpret complex data and visually represent it clearly and effectively.
- Demonstrated analytical skills and independent judgment.
- Excellent computer/technical skills.
- Ability to work within a team and independently.
- Innovation and creativity.
PREFERRED QUALIFICATIONS (include the above plus):
- Experience in: Web development, social media, and multimedia development (videos, games, etc.)
- Knowledge of statistical methods common in biomedical and/or social sciences.
- Knowledge of biomedical research culture.
- Experience in online learning.
- Experience with the development of educational resources or curricula.
- Demonstrated skills in teaching.

Additional Information: This is a one-year position with funding for up to four years upon mutual agreement.

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To apply, submit a cover letter and CV (or resume) with references to the TGD Co-Director Stephanie Tammen at:

Stephanie.Tammen@tufts.edu

Tufts University is an AA/EO employer and actively seeks candidates from diverse backgrounds. Please see the Tufts University non-discrimination statement.