

One Health: Fall 2019 Symposium Plus Request for Proposal (RFP)

Dear Researchers,

Tufts Clinical and Translational Science Institute (CTSI) is pleased to invite you to submit a two-page research concept proposal for presentation at the One Health Research: Fall 2019 Symposium Plus.

Save the Date! Symposium Date and Location

Monday, October 7, 2019 9:30AM-1:30PM, Tufts University Boston Health Sciences Campus

What is Symposium Plus?

Tufts CTSI's Symposium Plus program is designed to launch promising research ideas and teams through an interactive half-day symposium and to coach these teams toward a full funding proposal within **one year** of the symposium.

Why Participate?

The Symposium Plus program has helped past project teams meet new collaborators and develop new proposals which has led to enhanced funding of qualified projects since 2014. Selected research teams:

- Will receive **project-specific tailored feedback** from a diverse audience of about 40-50 individuals, including technical and methodological experts, symposium participants, and community or patient representatives through workshops and breakout discussions
- Projects may be eligible for a **planning grant** up to \$5,000 to assist with project start-ups such as project planning or stakeholder meetings. Note: *Funding will be made available at the discretion of the Tufts CTSI Research Collaboration Team after proposals are selected and presented. No budget is required with proposal submissions.*

Key Dates and Your Commitment

If selected, you will commit to participating in the following program requirements.

Submit Concept Proposal	Present at Symposium	Develop a Full Grant Proposal	Present at Tufts CTSI	Submit Your Grant
May 20, 2019				Request for Proposal (RFP) announced
August 16, 2019				Deadline for proposal submission to hsantos@tuftsmedicalcenter.org
August 30, 2019				Announcement of selected proposals
September 3, 2019 through October 5, 2019				Symposium preparation meetings with Tufts CTSI Navigators (60-90 min)
October 7, 2019				Presentation at One Health Research Symposium
September 2019 through March 2020				Proposal development stage with support from mentoring team and Tufts CTSI resources and services
No later than July 2020				Grant proposal draft presented to Tufts CTSI Research Collaboration Team/Research Studio
No later than September 2020				Proposal submission status updates to Tufts CTSI

The concept proposal submission deadline is by Friday, August 16, 2019 to Hannah Santos, Senior Project Manager, hsantos@tuftsmedicalcenter.org.

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Proposal Submission Guidelines

Topics

The proposal concept must address one of the four main areas of One Health:

- Zoonotic and environmentally-induced diseases
- Diseases shared by humans and other animals (e.g., cancer, heart disease, obesity, arthritis)
- Challenges and solutions at the intersection of humans, animals, and the environment
- Human-animal interactions

Format

- Limit application to two pages that are single spaced using one inch margins and Arial 11 font
- Structured summary (Background, Specific Aims, Approach, Significance, Innovation)

Minimum Requirements

- The submitting investigator at a Tufts CTSI partner/collaborator organization is willing to lead further project development.
- Project has clear application to human health and meets definition of translational research found here: <http://www.tuftsctsi.org/about-us/what-is-translational-science>.
- Demonstrates some key aspect of implementation and dissemination.
- Is clearly translational – i.e., not basic or laboratory based research.
- Address a challenging and important health problem relevant to One Health.

What is a One Health Project?

Further information on One Health can be found on the [Tufts CTSI website](#). Some example of One Health projects are listed below:

- Zoonotic Diseases: certain viruses (rabies, West Nile), bacteria (Salmonella, Leptospirosis), and protozoa (Cryptosporidiosis, Toxoplasmosis) can be transmitted between animals and humans. Environmental changes can play a role in how likely this transmission is to happen. By working together in an interdisciplinary approach, physicians, veterinarians, public health officials, and other health professionals can more effectively prevent and respond to disease outbreaks.
- Abandoned Buildings and Animal Health: faculty members from Urban and Environmental Policy and Planning and Cummings School of Veterinary Medicine are studying the role of abandoned buildings on the health of animals, and consequently the health of people and broader ecological systems.
- Animals as Sentinels for Environmental Risks: Diagnosing lead poisoning in a dog may serve as a sentinel or warning for risk of lead poisoning in children that live in the same household or environment.
- Animal Models for Human Cancer: Dr. Cheryl London, a veterinary oncologist whose research bridges human and veterinary medicine, is studying how bone cancer in dogs can serve as an important model for bone cancer in humans. Her research is helping both humans and dogs with this disease.

Ideal Proposal Attributes

To foster a diversity of study methods and approaches, proposed projects should:

- Identify one or more potential funding sources for the proposed project.
- Use a rigorous design and associated analytic methods.
- Provide clear metrics of success.
- Engage Tufts CTSI community/partners



Tufts Clinical and Translational Science Institute

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Questions about the Program?

Please contact Hannah Santos, Senior Project Manager hsantos@tuftsmedicalcenter.org.

Questions about whether your project fits into the One Health domain?

Please contact Cheryl London, One Health Program Director, cheryl.london@tufts.edu

We look forward to receiving your proposals and to collaborating with you at this symposium!

One Health Symposium Plus Planning Committee

Cheryl London, DVM, PhD

John Castellot, PhD

Robert Sege, MD, PhD

Daniel E. Weiner, MD, MS