

# SPECIAL THANKS

## JUDGES

**Dr. Roy C. Ziegelstein**, Vice Dean for Education,  
Johns Hopkins University School of Medicine

**Dr. Peter Espenshade**, Associate Dean for  
Graduate Biomedical Education, Johns Hopkins  
University School of Medicine

**Dr. Bob Casero, Jr.**, Professor of Oncology, Johns  
Hopkins University School of Medicine

**Dr. Audrey Huang**, Director of Marketing and  
Communications for Research and Education, Johns  
Hopkins Medicine

**Dr. Andrew Macintyre**, Education & Professional  
Development Manager, American Society for  
Biochemistry and Molecular Biology

**Mr. Jim O'Leary**, Senior Scientist, Maryland Science  
Center

## PRELIMINARY HEATS JUDGES

**Dr. Patricia Phelps**, Director, JHM Professional  
Development and Career Office

**Ms. Caroline Pounds**, Program Manager,  
Biomedical Careers Initiative

**Ms. Brittni Griffin**, Administrative Coordinator,  
JHM Professional Development and Career Office



# THREE MINUTE THESIS: FINAL COMPETITION



JHM PROFESSIONAL DEVELOPMENT AND CAREER  
OFFICE

April 20, 2016

Mountcastle Auditorium, Preclinical Teaching Building

Johns Hopkins, East Baltimore Campus

# PROGRAM AND PRESENTERS

## ORDER OF EVENTS

Welcome

Introduction of Judges

Three Minute Thesis Presentations by 8 Finalists

Audience Votes for The People's Choice Award

(Ballot found in this program)

20 Minute Break – Reception in Foyer

Announcement of Winners (Auditorium)

## PRESENTERS

**Amanda Edwards**, Biomedical Engineering

*Tricking the Brain into Exceeding Its Abilities*

**Ken Estrellas**, Cellular and Molecular Medicine

*Stem Cell Treatments to Restore Missing Muscle Protein*

**Leah Greenspan**, Cell Biology

*Conversion to Stem Cells: The Hidden Fate of the Commander Cell*

**Jonathan Grima**, Neuroscience

*Traffic Jams in Neurodegeneration*

**Alexandra Pucsek**, Immunology

*Cancer Unmasked: How Inhibiting a Small Protein Could Boost Anti-Tumor Immunity*

**Xuyu Qian**, Biomedical Engineering

*Modeling Zika Virus Infection and Birth Defects Using Human Stem-Cell-Derived "Mini-Brains"*

**Oliver Rogers**, Pharmacology and Molecular Sciences

*Engineering Human Enzymes to Target Metastatic Prostate Cancer*

**Tracy Zhang**, Cellular and Molecular Medicine

*Model for Muscular Disorders: Human in Mouse*

## ABOUT THREE MINUTE THESIS

3MT® is an academic research communication competition developed by The University of Queensland (UQ), Australia.

Doctoral students have three minutes – and a single, static PowerPoint slide - to present compelling and engaging talks on their dissertation topic to non-specialist audiences.

## PRIZES

First Place: \$1000

Second Place: \$500

Third Place: \$250

People's Choice: \$250

## MARYLAND STATE COMPETITION

The top three finalists will advance to the Maryland-wide competition **May 5 at 3 p.m.** on the University of Maryland-Baltimore's campus.