The 3MT
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Thank you to our Prelim judging panel!

Karuna Meda, PhD
Science Writer, Department of Marking and Communications, Jefferson

Jenny Schneider, PhD
Administrative Postdoctoral Fellow, Office of Postdoctoral Affairs, JCLS

Nikita Fnu, PhD
Postdoctoral Fellow, Jefferson
Postdoctoral Scientific Editing and Reviewing Team (PSERT) member
Students cultivate desirable communication skills critical for scientific presentations.
Competition Overview

Three Minute Thesis (3MT®) is a research communication competition during which PhD students have just three minutes to present a compelling oration on their thesis and its significance. 3MT challenges students to consolidate their ideas and research discoveries so they can be presented concisely to a non-specialist audience.

Developed by The University of Queensland (UQ) in 2008, enthusiasm for the 3MT concept has developed rapidly, now these competitions are held in over 900 universities and institutions across 85 countries worldwide.
Competition History

2008 - 3MT developed by The University of Queensland (UQ)

2010 - Inaugural Trans-Tasman 3MT held at UQ

2013 - Universitas21 held first U21 Virtual 3MT

2016 - Inaugural Asia-Pacific 3MT held at UQ

PhD students from Australia, New Zealand, South-East Asia and North Asia now compete in the Asia-Pacific 3MT final, held at UQ and sponsored by -
International Competitions
Judging Panel

Kristy Shuda-McGuire, MS, PhD
Associate Dean of Biomedical Studies, The Wistar Institute

Kimberly Scata, PhD
Cancer Researcher and STEM advocate

Luke Brand, PhD
Associate Editor, American Association for Cancer Research (AACR)

Robert Ring, PhD
Chief Executive Officer, Kaerus Bioscience Ltd.

Neil Bardhan, PhD
Science Communication Consultant, Bardhan Consulting
Rules

- 3 Minutes
- Spoken word
- Presentation begins when the speaker starts speaking or moving

- 1 slide
- No animation
- No Props

- For a non-specialist audience
- Judges’ decision is final
# Judging Criteria

## Comprehension & Content
- Purpose is clear
- Significance/Impact is clear
- Approach is jargon-free
- Accessible

## Engagement & Communication
- Enthusiasm
- Stage Presence
- PowerPoint that is accessible and supports the presentation
- Clear hook – makes you want to know more

## Examples
- A science talk for scientists
- A poster presentation
- A research paper
- Again, NOT judging the science

- Choice of metaphor
- Three minute blurb organization
- Research topic
Prizes

• 1st Place: entrance into the NAGS Regional 3MT Competition
• 2nd Place
• 3rd Place
• People’s choice
Elana Molotsky

Neuroscience

Dr. Diane Merry’s Lab

Neuronal Legos
Neuronal Legos

Small subunit
Medium subunit
Large subunit
Neurofilament

Neuronal Legos
Alison DePew
Neuroscience
Dr. Timothy Mosca’s Lab

Together forever: How Connections Form in the Brain
Together Forever: How Connections Form in the Brain

1. Finding the right partner
2. Exchanging messages
3. Building a strong relationship
4. Achieving a lasting connection
Gabby Scher

Immunology & Microbial Pathogenesis

Dr. Matthias Schnell’s Lab

Two-in-One: A Single Vaccine for Two Viruses
Two-in-One: A Single Vaccine for Two Viruses
Daniel Hwang
Immunology & Microbial Pathogenesis
Dr. Abdolmohamad Rostami’s Lab

Myeloid Cells are up to 80% of Harmful cells in the Brain

Purple = myeloid cells

...but beneficial myeloid cells also exist!

Blocking CSF-1 destroys only harmful myeloid cells.
Shannon McGettigan

Immunology & Microbial Pathogenesis
Dr. Gudrun Debes’ Lab

Breg Lesson Plans: How do you teach a B cell to stop misbehaving immune cells?
Breg Lesson Plans:
How do you teach a B cell to stop misbehaving immune cells?
Tess Cherlin
Genetics, Genomics, and Cancer Biology
Dr. Isidore Rigoutsos’ Lab

Who Will Get Cancer? Developing a Personalized Cancer Prediction Tool
Who Will Get Cancer? Developing a Personalized Cancer Prediction Tool
Tess Cherlin | Genetics Program

Image: https://www.tolerance.org
Short break for the judges to deliberate
People’s Choice

- Using the Zoom poll pop up, please select the name which corresponds to your favorite presenter.

Judging Criteria

- **Comprehension & Content:** Did the presentation help the audience understand the research? Was the thesis topic and its significance communicated in language appropriate to an intelligent but non-specialist audience?

- **Engagement & Communication:** Did the oration make the audience want to know more? Did the speaker have sufficient stage presence, eye contact and vocal range; maintain a steady pace, and have a confident stance?
People’s Choice…

Presented by:
Alexus Kolb
3rd Place

Presented by: Jess Kopenhaver
2nd Place

Presented by:
 Jess Kopenhaver
1st Place Winner

Presented by:
Jess Kopenhaver
Thank you to our sponsor, supporters, judges, participants, & audience for your attention!