FLORIDA ATLANTIC UNIVERSITY
GRADUATE COLLEGE

3 MINUTES TO BE bold.

3MT® THREE MINUTE THESIS
FOUNDED BY THE UNIVERSITY OF QUEENSLAND

3 MINUTES TO BE bold.
This exciting opportunity is open to any active FAU graduate student in good academic standing with the University. This competition provides all participants with a unique and invaluable professional development experience and competition. Winners are awarded scholarships up to $1,500 as well as travel expenses to the regional Council of Southern Graduate Schools (CSGS) competition.

The 3MT® competition celebrates the exciting research conducted by graduate students. Developed by The University of Queensland (UQ), the exercise cultivates students’ academic, presentation, and research communication skills. The competition supports their capacity to effectively explain their research in three minutes, in language appropriate to a non-specialist audience.

The first 3MT® competition was held at the University of Queensland in 2008 with 160 students competing. Since 2011, the popularity of the competition has increased and 3MT competitions are now held in over 170 universities across more than 18 countries worldwide.

3MT® JUDGING CRITERIA:

**COMPREHENSION & CONTENT**
- Did the presentation provide an understanding of the background to the research question being addressed and its significance?
- Did the presentation clearly describe the key results of the research including conclusions and outcomes?
- Did the presentation follow a clear and logical sequence?
- Were the thesis topic, key results, research significance, and outcomes communicated in language appropriate to a non-specialist audience?
- Did the speaker avoid scientific jargon, explain terminology and provide adequate background information to illustrate points?
- Did the presenter spend adequate time on each element of their presentation - or did they elaborate for too long on one aspect or was the presentation rushed?

**ENGAGEMENT & COMMUNICATION**
- Did the oration make the audience want to know more?
- Was the presenter careful not to trivialize or generalize their research?
- Did the presenter convey enthusiasm for their research?
- Did the presenter capture and maintain their audience's attention?
- Did the speaker have sufficient stage presence, eye contact and vocal range; maintain a steady pace, and have a confident stance?
- Did the PowerPoint slide enhance the presentation - was it clear, legible, and concise?

**RULES**
- A single static PowerPoint slide is permitted. No slide transitions, animations or ‘movement’ of any description are allowed. The slide is to be presented from the beginning of the oration.
- No additional electronic media (e.g. sound and video files) are permitted.
- No additional props (e.g. costumes, musical instruments, laboratory equipment) are permitted.
- Presentations are limited to 3 minutes maximum and competitors exceeding 3 minutes are disqualified.
- Presentations are to be spoken word (i.e. no poems, raps or songs).
- Presentations are to commence from the stage.
- Presentations are considered to have commenced when a presenter starts their presentation through either movement or speech.
- The decision of the adjudicating panel is final.

**PEOPLE’S CHOICE**
A ballot will be distributed to all audience members to select People’s Choice. Audience members may only vote once. Competitors who are awarded overall winner, first runner-up, or second runner-up are also eligible to win People’s Choice.
The Graduate College at Florida Atlantic University Proudly Presents:
FAU’s Third-Annual Three Minute Thesis (3MT®) Competition

Championship | Friday, November 2, 2018 | Osher Lifelong Learning Institute

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<td>Kosher Soul: The Emerging Conflict of Judaic Identity</td>
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Door Prizes and Tallying of Scores
- Audience text to vote for the People’s Choice Winner
- Judging panel scores are tallied to determine Heat winner, Runner-Up, and Second Runner-Up
- Door prize drawing

Award Presentation
- **Second Runner-Up:** $1,000 | **Sponsored by** FAU Graduate College  
  **Presented by** Khaled Sobhan, Ph.D.

- **First Runner-Up:** $1,500 | **Sponsored by** Kelly Kronenberg Attorneys at Law  
  **Presented by** Tom Mersch, Esq.

- **People’s Choice Winner:** $1,500 | **Sponsored by** Advanced Pediatrics of Boca  
  **Presented by** Patricia Anastasio, M.D., F.A.A.P

- **Championship Winner:** $3,500 ($2,500 plus $1,000 travel) | **Sponsored by** Eric H. Shaw, Ph.D., Professor Emeritus  
  **Presented by** Eric H. Shaw, Ph.D.

Reception
Please join us for refreshments in the Live Oak Pavilion; all guests are welcome to attend. The Live Oak Pavilion is adjacent to the Osher Lifelong Learning Auditorium and a short walk by a connected sidewalk; Graduate College staff are on hand to guide you.

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A special thank you to Dean Carol Hixson and FAU University Libraries  
for graciously hosting the 2018 Boca Raton 3MT® Heats and to Dr. Peter McCarthy, Dr. Joshua Voss, and the Harbor Branch Oceanographic Institute for hosting the 2018 3MT® Harbor Branch Heat!

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The success of FAU’s 2018 3MT® Heats and Championship was made possible by:
- 23 Steering Committee Members
- 51 Judges
- 69 Donors and Sponsors
- 106 FAU graduate student competitors
- 26 Volunteers
The Graduate College at Florida Atlantic University Proudly Presents:
FAU's Third-Annual Three Minute Thesis Competition (3MT®)

Thank You to Our Championship Judging Panel

- Patricia Anastasio, M.D., F.A.A.P.
  Owner, Advanced Pediatrics of Boca Raton
- Donna Chamely-Wiik, Ph.D.
  Assistant Dean for Undergraduate Research & Associate Scientist, Chemistry and Biochemistry
- Ben Chen, Ph.D., P.E.
  Founder and Chairman of the Board of Directors, Chen Moore and Associates
- David Kian, Esq.
  Vice President & General Counsel
- Tom Mersch, Esq.
  Partner, Kelley Kronenberg Attorneys at Law
- Eric H. Shaw, Ph.D.
  FAU Professor Emeritus, Consultant, & Expert Witness

Thank You to Our Steering Committee

- Tracy Baker, Ph.D.
  Assistant Director, Undergraduate Research & Inquiry
- Hannah Baker
  GPA Director & M.B.A. Candidate
- Fred Bloetscher, Ph.D.
  Professor, Civil, Environmental and Geomatics Engineering
- Adam Bradford, Ph.D.
  Associate Dean and Associate Professor, College of Arts and Letters
- Amy Butler
  Communications Manager, Division of Public Affairs
- Donna Chamely-Wiik, Ph.D.
  Assistant Dean for Undergraduate Research & Associate Scientist, Chemistry and Biochemistry
- Kenneth Dawson-Scully, Ph.D.
  Associate Vice President for Strategic Initiatives & Associate Professor, Biological Sciences
- Desmond Gallant, M.F.A.
  Chair and Associate Professor, Theatre and Dance
- Dawn Howard, M.S.
  Director, Marketing and Communication, Public Affairs
- Peter McCarthy, Ph.D.
  Associate Director for Education and Research Professor, Harbor Branch Oceanographic Institute
- Lynn McNutt, M.F.A.
  Assistant Professor, Theatre and Dance
- David Newman, Ph.D.
  Associate Professor & Statistician, Christine E. Lynn College of Nursing
- Paul Peluso, Ph.D.
  Chair and Professor, Counselor Education & Chair, University Graduate Council
- Teeranai “Nong” Ovathanasin, Ph.D.
  Executive Director of Academic Operations, Jupiter Campus
- Joshua Voss, Ph.D.
  Assistant Research Professor, Harbor Branch Oceanographic Institute

Graduate College Support Staff

- Khaled Sobhan, Ph.D.
  Interim Graduate College Dean
- Liana Smith, M.S.
  Assistant Dean, Graduate Degree Completion
- Chris Decle, M.S.
  Director, Graduate Enrollment Management
- Austen Canonica, M.B.A.
  Assistant Director, Marketing and Communications
FLORIDA ATLANTIC UNIVERSITY

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Kelley Kronenberg
ATTORNEYS AT LAW

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Graduate College
Florida Atlantic University
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Thank You to Our Friends and Sponsors

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Dr. Frederick Bloetscher, Professor
Dr. Eric H. Shaw, Professor Emeritus
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Division of Research
Division of Student Affairs
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Charles E. Schmidt College of Science
Christine E. Lynn College of Nursing
College of Business
College for Design and Social Inquiry
College of Education
College of Engineering and Computer Science
Dorothy F. Schmidt College of Arts and Letters
Department of Theatre and Dance
Department of Biological Sciences
Graduate College
Graduate & Professional Student Association (GPSA)
Harbor Branch Oceanographic Institute
Jupiter Campus Administration
Office of Undergraduate Research & Inquiry
Undergraduate Studies
University Libraries
Weppner Center for LEAD & Service-Learning

Travis Arnold
Nora Barragan
Dr. Katie G. Burke
Dr. Megan Davis
Dr. Ken Dawson-Scully
Jamie De La Rionda
Dr. Deborah L. Floyd
Christian Decle
Professor Desmond Gallant, M.F.A.
Marny Glasser
Dr. & Mrs. Robert Greer IV
Dr. Robert Greer V
Dr. Michele Hawkins
Dr. Mohammad Ilyas
Dr. Russ Ivy
Professor Kathryn L. Johnston, M.F.A.
Dr. Peter McCarthy
Trustee Mary Beth McDonald
Professor Lynn McNutt, M.F.A.
Dr. David Newman
Dr. Ronald Nyhan
Dr. Paul Peluso
Dr. Gary Perry
Drs. Marianne Porter & Stephen Kajiura
Dr. Anton F. Post
Annette Schlabach-Casacci
Liana Smith
Dr. William & Ann Smith
Dr. William Kolby & Lisa Smith
Dr. Matthew K. Smith & Clarke Flowers
Drs. Timothy & Chelsey Smith-Meier
Cliff & Kaylyn Smith-Patterson
Dr. Khaled Sobhan
Professor Lee Soroko, M.F.A.
Professor Kristen April Soroko, M.F.A.
Dr. Joshua Voss
William Walsh
Allison Rodgers & Rafael Zapata
Dr. Ali Zilouchian
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Thank You to Our Heat Judges

HEAT #1
- Elias Bou-Harb, Ph.D.
  Director, CTF Lab and FloridaSOAR & Assistant Professor,
  Computer and Electrical Engineering and Computer Science
- LaNita Gregory Campbell, Ph.D.
  Assistant Dean, Weppner Center for LEAD & Service-Learning
- Carol Hixson, Ph.D.
  Dean of University Libraries
- Ron Oliver, M.Ed.
  Director of First-Generation Student Success

HEAT #2
- Ken Dawson-Scully, Ph.D.
  Associate Vice President for Strategic Initiatives &
  Associate Professor, Biological Sciences
- Brian Hodge, Ed.D.
  University Registrar
- Mihaela Metianu, Ed.D.
  Executive Director, Center for Global Engagement
- Edward Pratt, Ph.D.
  Dean of Undergraduate Studies

HEAT #3
  Director of Recruitment & Link Program
- Desmond Gallant, M.F.A
  Chair, Department of Theatre and Dance; Director, School of the Arts, & J. Conaway Professor in Theatre
- Sarah Nielsen, Ed.D.
  Professor, Business Communications
- Marianne Porter, Ph.D.
  Assistant Professor, Biological Sciences
- Michelle Vaughan, Ed.D.
  Assistant Professor, Department of Curriculum, Culture and Educational Inquiry

HEAT #4
- Jason Ball
  Associate Vice President for Information Technology &
  Chief Information Officer
- Tracy Boulukos
  Assistant Vice President Financial Aid &
  New Student Services Initiatives
- Gabriel Cesar, Ph.D.
  Assistant Professor, Criminology and Criminal Justice
- C. Derrick Huang, Ph.D.
  Associate Professor, Information Technology and Operations Management
- Meredith Mountford, Ph.D.
  Associate Professor, Educational Leadership and Research Methodology

HEAT #5
- Barclay Barrios, Ph.D.
  Associate Dean and Associate Professor & Director, Center for Women, Gender, and Sexuality Studies
- Daniel Gropper, Ph.D.
  Dean of the College of Business
- Joy Longo, Ph.D.
  Assistant Dean, Graduate Practice Programs & Associate Professor, Nursing
- Paul Peluso, Ph.D.
  Chair and Professor, Department of Counselor Education &
  Chair, University Graduate Course
- Jennifer Russ, C.F.R.E.
  Director of Annual Giving and Membership

HEAT #6
- Michael Horswell, Ph.D.
  Dean of the Ben Lowe, Ph.D., Professor, Dorothy E. Schmidt College of Arts and Letters
- Ben Lowe, Ph.D.
  Professor, Dorothy E. Schmidt College of Arts and Letters
- Lalita Janke
  Board President, U.S. National Committee for UN Women &
  Member, Dorothy E. Schmidt College of Arts and Letters Advisory Board
- Howard Weiner, M.D.
  Allergist and Immunologist & Member, Dorothy E. Schmidt College of Arts and Letters Advisory Board

HEAT #7
- Ellen Goldey, Ph.D.
  Dean of the Harriet L. Wilkes Honor College & Professor
- Katha Kissman
  President & CEO of the Harbor Branch Oceanographic Institute Foundation
- Jim Sullivan, Ph.D.
  Director & Professor, Division of Research and Harbor Branch Oceanographic Institute
The Graduate College at Florida Atlantic University Proudly Presents:
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Thank You to Our Graduate Student Competitors

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<td>Runner-Up</td>
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<td>Maria Ordonez, Ph.D. &amp; Lisa Wiese, Ph.D.</td>
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<td>Kathleen Guthrie, Ph.D. &amp; Ken Dawson-Scully, Ph.D.</td>
<td>Hippocampal Neurogenesis in the SERT ALA56 Mouse Model of Autism</td>
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<td>College of Science</td>
<td>Marc Kantorow, Ph.D.</td>
<td>Hypoxia Regulation of Lens Structure and Function</td>
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<td>Maude Exantus</td>
<td>College of Nursing</td>
<td>Sareen Gropper, Ph.D.</td>
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<td>College of Science</td>
<td>Kumi Diaka, Ph.D.</td>
<td>When drugs sleep, prostate cancer cells travel</td>
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<td>Alyson Fishbein</td>
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<td>Meredith Ellis, Ph.D.</td>
<td>The Corpus Callosum of Microcephalic Individuals: An MRI Study</td>
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<td>Kate Galloway</td>
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<td>Marianne E. Porter, Ph.D.</td>
<td>Building an Invasive Predator: The Mechanical Role of Lionfish Spines on Defense and Locomotion</td>
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<td>Sarah Milton, Ph.D.</td>
<td>Influence of UV Light on Vitamin D and Immune Function of Green (<em>Chelonia mydas</em>) Sea Turtles with Fibropapillomatosis</td>
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<td>Erika Hoff, Ph.D.</td>
<td>Early Exposure is Only a Start: Bilingual Outcomes at 6 Years and Young Adulthood in Second Generation Immigrants</td>
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<td>Runner-Up</td>
<td>Charlie Gleek</td>
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<td>Adam Bradford, Ph.D.</td>
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<td>Andrew Oleinikov, Ph.D.</td>
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<td>Stewart Glegg, Ph.D.</td>
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<td>Keren Gonzalez</td>
<td>College for Design and Social</td>
<td>Joy McClellan, Ph.D. &amp; Kelly Roy</td>
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<td>Darius Haber</td>
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<td>Kosher Soul: The Emerging Conflict of Judaic Identity</td>
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<td>Stories Bones Tell: How We can Infer Locomotion and Behavioral Ecology from the Vertebrae of Dolphins and Whales</td>
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<td>Tanaz Islam</td>
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<td>Red Blood Cell Membrane Coated Sensor: A Unique Device for Nano-scale Binding Study</td>
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<td>Christine E. Lynn College of Nursing</td>
<td>Sareen Gropper, Ph.D. &amp; David Newman, Ph.D.</td>
<td>How Much Protein is Required to Prevent Sarcopenia?</td>
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<td>How to Increase Human Life Expectancy</td>
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<td>Gorgeous Gold Peacocks: The Construction of Masculine Femininity in American Professional Wrestling</td>
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<td>Berlinda Juste</td>
<td>Assessing the Level and Impact of Financial Literacy on College Students</td>
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<td>Traci Baxley, Ph.D.</td>
<td>Burnout: An Autoethnographical Account of the Devastating Impact on a New Teacher</td>
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<td>Cristobal Salinas, Ph.D. &amp; Jenny Bloom, Ph.D.</td>
<td>Supporting Residence Life Staff in Tragedies</td>
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<td>Waseem Asghar, Ph.D.</td>
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<td>Debra Hain, Ph.D.</td>
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<td>Wilson McLean</td>
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<td>The 'What is' and 'How to' of Creating Healthy Public Organizations: Development and Testing of the Public Organization Wellness Quotient (WQ)</td>
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<td>Shaun Miller</td>
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<td>Rainer Steinwandt, Ph.D.</td>
<td>Security in a Post-Quantum World</td>
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<td>Travis Moscicki</td>
<td>College of Engineering and Computer Science</td>
<td>Karl von Ellenrieder, Ph.D.</td>
<td>Guidance, Navigation, and Control of Unmanned Marine Vehicles</td>
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<td>Joseph Niederhauser</td>
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<td>Rindy Anderson, Ph.D.</td>
<td>Of Fire and Sparrows</td>
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<td>Eric Nieves</td>
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<td>Underwater Multi-Vehicle Collaboration</td>
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<td>Breaking the Barriers of Gender Stereotypes During Early Childhood and Education</td>
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<td>Microbial Induced Corrosion in Synthetic, Reinforced Concrete</td>
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<td>Laura Pescitelli</td>
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<td>Nicholas Dickens, Ph.D.</td>
<td>Informing Sustainable Aquaculture through Integrated Genome and Transcriptome Sequencing of the Florida Pompano</td>
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<td>Indhira Piquion</td>
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<td>The Syntax of Chaldean Neo-Aramaic</td>
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<td>Point of Care Diagnostic - Zika Detection</td>
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<td>Alexis Sturm</td>
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<td>Joshua Voss, Ph.D.</td>
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<td>Do You Even Speak English? Foreign Language Anxiety Among International Students</td>
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<td>Kirstie Tandberg</td>
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<td>Amy Wright, Ph.D.</td>
<td>Marine Natural Products as Cancer Therapies</td>
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<td>Undulating Fin Propulsion – The Future of Underwater Maneuvering</td>
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