REU Programs at RIT

Accessible Multimodal Interfaces  
PI: Raja Kushalnagar  
http://ami.rit.edu/

Computational Sensing  
PI: Cecilia Ovesdotter Alm  
https://cs.rit.edu/~reu/

Extremal Graph Theory and Dynamical Systems  
PI: Darren Narayan  
https://people.rit.edu/~dansma/index_files/NSFREU.htm

Imaging in the Physical Sciences  
PI: Roger Dube  
https://www.cis.rit.edu/outreach/summer-reu-program

Materials, Application and Development for Organic Photovoltaic Devices  
PI: Christopher Collison  
https://www.rit.edu/science/scms/reu

Model-based Reasoning in STEM Education  
PI: Kate Wright  
https://www.rit.edu/science/smerc/reu

Multimessenger Astrophysics  
PI: Joshua Faber  
https://www.rit.edu/science/astoreu/

REU Graduate Study and Research Symposium 2017

Louise Slaughter Hall (CIMS 2210-2240)

Jointly hosted by RIT's seven REU programs  
Sponsored by the Office of the Vice President for Research  
Rochester Institute of Technology
Friday June 30

8:15 a.m. - 8:40 a.m.  Sign-in

8:40 a.m. - 9:00 a.m.  Keynote Address

Dr. Twyla Cummings
Dean of Graduate Education
Rochester Institute of Technology

Introduced by: Joshua Faber
PI of REU Site: Multimessenger Astrophysics

9:00 a.m. - 10:00 a.m.  Session I - Research Talks

Moderator: Cecilia Ovesdotter Alm
PI of REU Site: Computational Sensing

9:00 a.m. - 9:15 a.m.
Virtual Assistants for Automated Social Skills Coaching
Mohammad Rafayet Ali
PhD Candidate in Computer Science
University of Rochester

9:15 a.m. - 9:30 a.m.
Closed ASL Interpreting for Online Videos
Matthew Seita
Incoming PhD Candidate in Computing and Information Sciences
Rochester Institute of Technology

9:30 a.m. - 9:45 a.m.
Dusty Donuts: Modeling Light Echoes of the Infrared Dusty Torus Emission in Active Galactic Nuclei
Triana Almeyda
PhD Candidate in Astrophysical Sciences and Technology
Rochester Institute of Technology

9:45 a.m. - 10:00 a.m.
Towards a Bright and Sustainable Future - Organic Optoelectronic Materials for Solar Energy Harvesting
Chenyu Zheng
PhD Candidate in Microsystems Engineering
Rochester Institute of Technology

10:00 a.m. - 10:30 a.m.  Session II - Panel Discussion
Topic: Why graduate school was right for me, and how I selected my university and advisor

Moderator: Leslie Kate Wright
PI of REU Site: Model-based Reasoning in STEM Education

10:30 a.m. - 10:45 a.m.  Break

10:45 a.m. - 11:30 a.m.  Session III - Research Talks

Moderator: Reynold Bailey
Co-PI of REU Site: Computational Sensing

10:45 a.m. - 11:00 a.m.
Modeling Hand-eye Coordination in Virtual Reality Setup using Deep Learning
Kamran Binaee
PhD Candidate in Imaging Science
Rochester Institute of Technology

11:00 a.m. - 11:15 a.m.
An Insider’s View of Socialization and Power in Engineering Education
Dr. Jeanne Christman
Recent PhD Alumna of University of Buffalo
Professor in Department of Electrical, Computer and Telecommunications Engineering Technology
Rochester Institute of Technology

11:15 a.m. - 11:30 a.m.
Analysis of a Visualization of a Numerical Simulation of GW150914
Nicole Rosato
Incoming PhD Candidate in Mathematical Modeling
Rochester Institute of Technology

11:30 a.m. - 12:00 p.m.  Session IV - Panel Discussion
Topic: Challenges faced in graduate school and how I overcame them

Moderator: Darren Narayan
PI of REU Site: Extremal Graph Theory and Dynamical Systems

12:00 p.m. - 1:30 p.m.  Networking Lunch
Closing Remarks: Christopher Collison
PI of REU Site: Materials, Application and Development for Organic Photovoltaic Devices