REU Programs at RIT

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

Summer Undergraduate Research for Students who are Deaf or Hard-of-Hearing in Applying Mathematical and Statistical Methods to Problems from the Sciences
PI: Bonnie Jacob
https://people.rit.edu/bcjntm/REU.html

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

Cultivating Next Generation Software Engineering Researchers
PI: Mehdi Mirakhorli
http://reu.se.rit.edu/

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

Geographic Information Systems for Disaster Resilience
Spatial Thinking
PI: Brian Tomaszewski
https://www.rit.edu/gccis/geoinfosciencecenter/research/nsf-reu

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

REU Graduate Study and Research Symposium 2018
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 22

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

8:40 a.m. - 9:15 a.m.  
Keynote Address

9:15 a.m. - 10:00 a.m.  
Session I - Research Talks  
Moderator: Dr. Cecilia Ovesdotter Alm  
PI of REU Site: Computational Sensing

9:15 a.m. - 9:30 a.m.  
The Complex Coordination of the Head and Eyes during Daily Activities  
Rakshit Kothari  
PhD Candidate in Imaging Science  
Rochester Institute of Technology

9:30 a.m. - 9:45 a.m.  
My Experience Researching Deaf Populations  
Jessica Contreras  
PhD Candidate, Language Creation Lab  
University of Connecticut

9:45 a.m. - 10:00 a.m.  
Exoplanets  
Dr. Kristina Punzi  
Recent PhD graduate in Astrophysical Sciences and Technology  
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: Dr. Bonnie Jacob  
PI of REU Site: Summmer Undergraduate Research for Students who are Deaf or Hard-of-Hearing in Applying Mathematical and Statistical Methods to Problems from the Sciences

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

10:45 a.m. - 11:30 a.m.  
Session III - Research Talks  
Moderator: Dr. Pradeep Murukannaiah  
Co-PI of REU Site: Cultivating Next Generation Software Engineering Researchers

10:45 a.m. - 11:00 a.m.  
Understanding Software Vulnerabilities Related to Architectural Security Tactics: An Empirical Investigation of Chromium, PHP and Thunderbird  
Joanna Cecilia Da Silva Santos  
PhD Candidate in Computing and Information Sciences  
Rochester Institute of Technology

11:00 a.m. - 11:15 a.m.  
Seyed Hamed Fatemi Langroudi  
PhD Candidate in Engineering  
Rochester Institute of Technology

11:15 a.m. - 12:00 p.m.  
Lifelong Learning: Taking The Next Logical Step Towards Artificial General Intelligence  
Ronald Kemker  
PhD Candidate in Imaging Science  
Rochester Institute of Technology

12:00 p.m. - 1:30 p.m.  
Networking Lunch  
Opening Remarks: Dr. Ryne Raffaelle  
Vice President for Research and Associate Provost  
Rochester Institute of Technology  
Introduced by: Dr. Cecilia Ovesdotter Alm  
PI of REU Site: Computational Sensing

Closing Remarks: Dr. Casey Miller  
Associate Dean for Research and Faculty Affairs  
College of Science, Rochester Institute of Technology  
Introduced by: Dr. Joshua Faber  
PI of REU Site: Multimessenger Astrophysics