

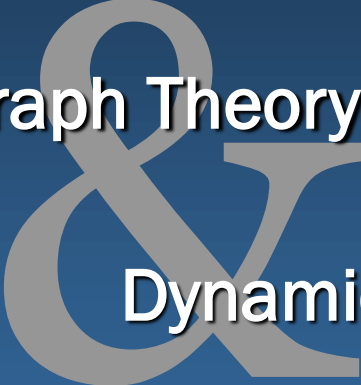


Research Experience for Undergraduates in Mathematics



Extremal Graph Theory

Dynamical Systems



Graph theory and functional connectivity of the brain

Structural Graph Theory

$$R(K_4, K_5) = 25$$

Graph Ramsey Numbers

$$bc(v) = \sum_{x,y} \frac{\sigma_{xy}(v)}{\sigma_{xy}}$$

Dynamical Systems and modelling of heart arrhythmia

NSF-REU in Mathematics at RIT

Program Benefits

- Stipend: \$4200
- Apartment – style housing meal plan
- Meal plan
- Work closely with faculty on cutting-edge research
- Opportunity to present your work the 2019 Joint Mathematics Meetings in Baltimore, MD

For more information, see www.rit.edu/~dansma/index_files/NSFREU.htm or contact:

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Participants must be U.S. Citizens or Permanent Residents and must be undergraduates in Fall 2018. Women, Veterans, and Minority Students are encouraged to apply.

Deadline for full consideration: March 1, 2018