

IOWA STATE UNIVERSITY

Department of Mathematics

Mathematics Research Experience for Undergraduates at Iowa State University

Tentative information for 2017 June 3 - July 29, 2017

Students will receive:

- Support for travel to and from Ames
- On-campus lodging
- · Some meals
- Stipend of \$4,000 (\$500 per week)

Note: Must be a US citizen or permanent resident and undergraduate in Fall 2017

Participants will spend eight weeks working on research projects. The projects are in a variety of mathematical areas, representing the diverse research interests of faculty in the ISU Mathematics Department, such as linear algebra, numerical analysis, probability, graph theory and combinatorics. Specific projects for 2017 will be announced in January 2017 on the REU web site. Students will work in teams and will be part of active research groups at ISU.



At the beginning of the summer the mentors explain the necessary background to the students. During most of the program, students conduct research, meeting daily with their faculty and graduate student mentors. In addition to research, discussion will be held on such topics as using LaTeX and attending graduate school, but the focus is on research and there is no workshop or class component to this REU. The REU concludes with a symposium

of student reports. Many projects submit papers for publication and students frequently present their RFU work at conferences

Iowa State University is an affirmative action/equal opportunity employee and stongly encourages women and members of underrepresented groups to apply.

9/2016

For more information, see: http://orion.math.iastate.edu/reu

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396 Carver Hall Iowa State University Ames, IA 50011 Phone 515-294-1752 Fax 515-294-5454 Email mathematics@iastate.edu Web www.math.iastate.edu lowa State University does not discriminate on the basis of race, color, age, ethnicity, religion, national origin, pregnancy, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. veteran. Inquiries regarding non-discrimination policies may be directed to Robinette Kelley, Director, Office of Equal Opportunity, Title IX/ADA Coordinator, and Affirmative Action Officer, 3350 Beardshear Hall, Ames, Iowa 50011, Tel. 515-294-7612, email eooffice@iastate.edu.