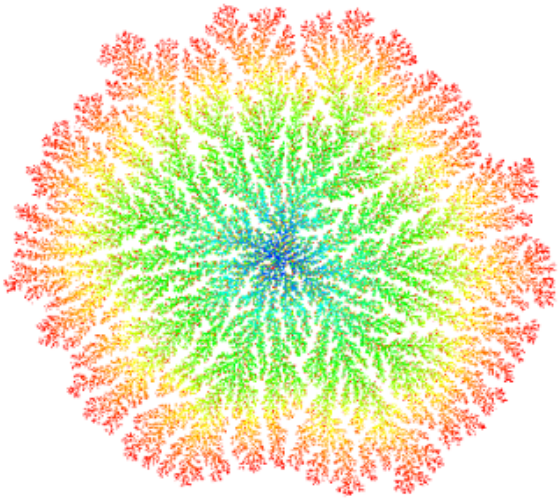
MATHEMATICS REU – LAFAYETTE COLLEGE
SUMMER 2017

Lafayette College's REU Program is an intensive eight-week summer research experience, with an additional week spent in preparation for participation at a national conference. Through close mentorship from their faculty advisors, small student research groups will investigate open problems in mathematics and statistics and share their work in the form of articles, posters, and presentations.



Computer generated coral
Prince Chidyagwai & Cliff Reiter

Lafayette College is in Easton, Pennsylvania, less than 90 minutes from both New York and Philadelphia. The eight-week summer program is tentatively scheduled to run from June 5 to July 28. Participants will then participate in either the Joint Statistical Meetings in Baltimore (July 29-August 3) or the Joint Mathematics Meetings in San Diego (January 10-13, 2018). Participants receive a $4500 stipend, free summer housing, and support for conference travel and expenses.

The three research groups for 2017 are in the following areas of study:

Combinatorics & Algebra: Cycles in bipartite graphs defined by equations.

Geometry & Number Theory: The distribution of Gaussian primes.

Statistics: Optimizing progressive betting strategies like the Kelly Criterion.

Students who are US citizens or permanent residents and will be undergraduates in the Fall of 2017 are eligible to apply. Students from underrepresented groups or institutions without a strong undergraduate research program are particularly encouraged to apply.

For more information, please visit our website:

math.lafayette.edu/opportunities/reu/