

Department of Mathematics and Statistics



The Department of Mathematics and Statistics invites applications for:

Statistics REU

May 26 – July 31, 2025

Program Focus: Complex Data Analysis using Statistical and Machine Learning Tools

Program Topics:

High Dimensional Data Analysis, Machine Learning, Robust Data Analysis, Genetics, Topological Data Analysis and Data Confidentiality

Mentors:

- | | |
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| ♦ Dr. Sat Gupta
https://sites.google.com/view/professor-sat-gupta | ♦ Dr. Scott Richter
http://www.uncg.edu/~sjricht2/ |
| ♦ Dr. Jianping Sun
https://mathstats.uncg.edu/people/directory/sun | ♦ Dr. Thomas Weighill
https://sites.google.com/view/thomasweighill/ |

Support:

Stipend: \$6,000; Travel to and from Greensboro, and to conferences: \$1,100;
Subsistence & housing: Approx. \$3,140

Housing: Apartments on campus • 2-4 students • Divided by Gender • Private rooms

Eligibility:

- Must be a US Citizen or Permanent Resident (Green card).
- Must have completed at least 30 College credits by the end of Spring 2025 with a minimum GPA of 3.0, preferably both math/stats and overall GPA.
- Should have completed a probability and statistics and a calculus course.
- Should have some programming experience, such as SAS, R, Python. We will reinforce programming skills through our own workshops.

Application Deadline:

Review of applications will begin February 1, 2025,
and will continue until all slots are filled.

<https://mathstats.uncg.edu/statistics-reu/reu-2025/>

Email Contact: sngupta@uncg.edu



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Department of
Mathematics & Statistics



DMS-22441609