

VIGRE Report for Fall 2004
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Progress on dissertation research:

As a first year graduate student, I have not yet begun my dissertation research. I have focused on course work while also discussing possible future research topics with my instructors.

Courses taken:

Principles of Analysis	A
Principles and Methods of Applied Mathematics	A
Numerical Analysis	A
Case Studies in Applied Mathematics	A

Seminars or talks:

“Physics Review.” A review of basic physics principles held for interested first and second year Applied Mathematics graduate students.

“An Investigation of non-Newtonian Fluid Flow down a Vertical Substrate,” with Serina Diniega and Zhiying Sun. A group presentation of work done as part of the Case Studies seminar.

Research papers:

“An Investigation of non-Newtonian Fluid Flow down a Vertical Substrate,” with Serina Diniega and Zhiying Sun.

Activities:

During the past semester I have attended colloquia sponsored by both the Mathematics Department and the Program in Applied Mathematics, taking one speaker to lunch. I have also attended many of the colloquia and brown bag talks given by other graduate students.