

MEGAN SUZANNE SCHULER
1100 PULASKI ST APT 817 COLUMBIA SC 29201 (803) 730-3476
m.s.schuler@gmail.com

EDUCATION

TULANE UNIVERSITY, New Orleans LA

Graduated 05/06 with a B.S. in Mathematics

Summa Cum Laude, Phi Beta Kappa, Phi Eta Sigma Freshman Honor Fraternity, National Society of Collegiate Scholars, Departmental Honors, Senior Scholar in Mathematics, Kappa Kappa Gamma Prize in Mathematics, Glendy Burke Medal in Mathematics

GPA: 3.84/4.00

Senior Thesis Title: A Rational Landen Transformation of Degree Eight

BUDAPEST SEMESTERS IN MATHEMATICS, Fall 2005

EXPERIENCE

Lab Manager / Data Analyst

Baruch Institute for Marine & Coastal Sciences, University of South Carolina, Columbia SC

08/01/06 – Present, 40 hrs/wk

Perform data analysis on physical oceanographic data sets, design and code MatLab programs, prepare and give technical reports, maintain lab webpage, maintain lab instruments

Teacher / Tutor

Kaplan Test Prep, Columbia SC

06/25/06 – Present, 25 hrs/wk

Prepare and teach test preparation courses, provide individual tutoring, give corporate presentations

Teaching Assistant / Grader

Math Department, Tulane University, New Orleans LA

01/15/06 – 05/01/06, 10 hrs/wk

Prepared and taught 90-minute statistics classes, led review sessions, provided individual tutoring

Student Researcher

Math Department, Tulane University, New Orleans LA

06/01/05 – 08/10/05, 30 hrs/wk

Performed individual research under the guidance of Dr. Victor Moll on two dynamical systems arising from Landen transformation integrals, designed and coded Mathematica programs

Student Researcher (Research Experience for Undergraduates)

Applied Math Department, Duke University, Durham NC

05/15/05 – 05/25/05, 40 hrs/wk

Worked in 2-person team to model physical and biological phenomena with dynamical systems, designed and coded MatLab programs, analyzed computational results, presented findings

Student Researcher (Rice University Summer Institute of Statistics)

Statistics Department, Rice University, Houston TX

06/01/04 – 08/15/04, 45 hrs/wk

Worked in 4-person team to research data imputation techniques for large-scale microarray data, designed and coded S-Plus and R programs, performed statistical analysis, presented findings

Publications

Schuler, M., R. Styles, C. Teague, and D. Barrick 2006: Application of an HF Radar to an intertidal salt marsh, *Eos Trans, AGU*, 88, Fall Meeting Suppl., Abstract F468.