



Jasmine Newman Presents her research entitled: "Pre and Post Evaluation of Breast Tumors in HER-2-neu Transgenic Mice," at the 2007 ABRCMS in Austin, Texas.

Eligibility

- ★ Must be a rising sophomore with a declared major in biology, chemistry, or psychology
- ★ Must have a minimum 2.80 grade point average (GPA)
- ★ Must complete a FSU-RISE application along with a personal statement
- ★ Must submit three (3) letters of recommendation and an official transcript
- ★ Must be serious about pursuing a Ph.D. in the biomedical or behavioral fields of study
- ★ Must commit to all components of the FSU-RISE program

Applications can be obtained by visiting the RISE website: <http://www.uncfsu.edu/brp>, or by visiting our office in Lyons Science 312-A.

Get involved in FSU-RISE today!



Incoming collegestudentswho have expressed interest in pursuing degrees in biology, chemistry or psychology may participate in a five-week Pre-Freshman Summer Enrichment Workshop (PFSEW) sponsored by FSU-RISE. The goal of PFSEW is to prepare Pre-RISE Scholars for college-level biology and math courses, and to stimulate their interests in pursuing research fields. Scholars engage in meaningful laboratory experiences involving hypothesis-driven, hands-on manipulation of biomolecules, and they participate in a range of math and science enrichment activities. Results from math placement exams are used to personalize the academic preparation of Pre-RISE Scholars in math. Additionally, Pre-RISE Scholars complete a non-credit, online mini-course in biology to strengthen their problem-solving skills and knowledge of basic biology concepts. The workshop culminates with math and science presentations during the closing and awards banquet.



Research Initiative for Scientific Enhancement PROGRAM



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Dr. Sherrice Allen (center) and the FSU-RISE scholars at the Annual Biomedical Research Conference for Minority Students (ABCRMS) in Austin, Texas.

The Fayetteville State University Research Initiative for Scientific Enhancement (FSU-RISE) program is federally-funded by the National Institutes of Health/ National Institutes of General Medical Sciences (NIH/ NIGMS). The overall goal of the program is to increase the number of well-prepared FSU minority students pursuing terminal degrees in biomedical and behavioral fields of study.



A division of the Department of Natural Sciences, FSU-RISE offers opportunities for faculty, staff and students to engage in professional development and creative scientific research. In fact, over 110 faculty and students have conducted high-quality research leading to published abstracts and journal articles through RISE since its inception in 2001. With proven success in helping students achieve their career goals, more than 75% of FSU-RISE Scholars have been granted admissions to graduate study following graduation from Fayetteville State University.



FSU-RISE scholar conducts summer research.

Students matriculate in FSU-RISE as sophomores, although upperclassmen may be considered on an individual basis. Students who are serious about pursuing graduate study in the biomedical or behavioral research fields are strongly encouraged to apply.



The new FSU Lyons Science Annex (LSA) Building

Benefits of FSU-RISE Participation

- ★ Participate in hands-on Biotechniques or Biopsychology workshops
- ★ Participate in Enrichment Seminars
- ★ Earn credit for Scientific Communications and Interdisciplinary Research elective courses
- ★ Attend local and national research symposia and conferences
- ★ Participate in FSU-RISE Colloquium
- ★ Participate in extramural and intramural research
- ★ Network with local and national academic professionals
- ★ Receive specialized tutoring in course work to improve GPA and class performance
- ★ Participate in full Graduate Record Examination (GRE) preparatory workshop
- ★ Participate in the Grant Writing Workshop
- ★ Receive pay (\$10-12/hour up to 20 hours per week) for participation in RISE activities
- ★ Participate in career field trips



Dr. James Raynor, Director FSU-RISE, assists scholars in the laboratory.