

JS students with College Science and Chemistry
in the Science Department. The Student Research
Program is a program of research projects for
undergraduate students. The program is a
part of the College's commitment to
excellence in education.

For more information, contact
the Science Department.

can be found at (go to

11:00 AM to Noon Student Services Office
Noon to 5:00 PM Student Services Office

Science Department

SJU College of Science

(www.science.sju.edu/)

DEPARTMENT OF BIOLOGICAL SCIENCES

1. Infection Resistance of Biomaterial Grafts for Wound Repair.

Gina T. Giannini

Faculty: John T. Boothby

Collaborator: Eric E. Sabelman (VA Palo Alto Health Care System)

I. _____ from the *Harmon Mountains of California*

II. _____

III. _____

IV. _____

V. _____

VI. _____

VII. _____

VIII. _____

IX. _____

X. _____

XI. _____

XII. _____

XIII. _____

XIV. _____

XV. _____

XVI. _____

XVII. _____

XVIII. _____

XIX. _____

XX. _____

DEPARTMENT OF GEOLOGY

10. High Resolution Analysis of 1906 Earthquake Intensities in the City of San Jose, California.

Nancy Shostak

Faculty: John W. Williams

11. Structures of the Swauk Basin and Teanaway Dike Swarm, Central Cascades, Washington.

Brigid Doran

Faculty: Robert Miller

DEPARTMENT OF MATHEMATICS

12. Modeling Astrophysical Accretion as a Dripping Handrail.

[REDACTED]

DEPARTMENT OF METEOROLOGY

13. Modeling of Hurricane Katrina near Landfall Using NEXRAD Reflectivity and Radial Velocity

[REDACTED]

DEPARTMENT OF PHYSICS

15. Magnetism Near and in the Vortex Cores of Cuprate Superconductors.

[REDACTED]

DEPARTMENT OF BIOLOGICAL SCIENCES

18. Isolation and Mutation of the Mojastin gene.

Stephanie White, Renato Regalado
Faculty: Julio Soto

19. Genetic Characterization of a Burrowing Shrimp (*Neotrypaea californiensis*): Population Management Plans.

Michael Dunn, Kenji Kozuka, Michelle Soriano



28. Characterizing Features of Protein Structure by Sequence Entropy and Related Methods.

Aaron Hardin, Shalini Potluri, William Yeh, Siddharth Potnis, Sridhar Busani

Faculty: Brooke Lustig, Robert Fowler (SJSU Biology)

DEPARTMENT OF GEOLOGY

29. The Sentinel Granodiorite: Contact Relationships With Adjacent Plutons and the Case For Inclusion in the Tuolumne Intrusive Suite. Central Sierra Nevada Batholith, California.

Joseph M. Petsche

Faculty: Robert Miller

30. Quaternary Faulting of the Ajawatz Mountain Piedmont East of the Intersection of the Garlock and Southern Death Valley Fault Zones: Evidence for a Tapered-Wedge Model.

Jennifer Mendonca

Additional Posters Available for Viewing

Additional research posters and displays are distributed in the hallways of Duncan Hall and you may view them at your convenience. In particular:

Department of Biological Sciences south side facin San Salvador St

-Research Posters and Displays can be seen on Floors 2 to 6.

Department of Chemistry north side facin Paseo de San Antonio

-Research Posters can be seen in the basement level and 6th floor

Department of Geology north side, facin Paseo de San Antonio

Research Posters can be seen in the 4th floor

11:30am to 1:00pm Duncan Hall 542 Professor Leslee Parr

Department of Chemis

10:30am to 11:30am Duncan Hall 1 to 6 (basement) The Keck Facility for Chemical Research

About the Sponsor's of the Student Research Day



San José State
UNIVERSITY

San Jose State University's College of Science

The College of Science (COS) transforms its majors into qualified science professionals for a global and regional Silicon Valley work force, and prepares them for advanced (graduate) training and life-long learning. Core science education is provided for engineers, health care professionals, K-12 teachers, and other technical fields, as well as basic mathematics and science skills to