

SCIENCE AND ENGINEERING

Winter 2012

NEW WAVE NEWS

Renowned Researcher Mead Allison Returns to Tulane »

Biomaterials Expert Appointed to Jung Chair »

Alumnus Joins Gulf Water Institute »

High School Students Bone Up on Science »

Tulane's Ian Terry wins "Big Brother" »

Read Other News »

ACCOLADES

Biomedical Engineering Professor Donald Gaver was awarded \$2,999,115 from the NSF to create an interdisciplinary PhD program in Bioinnovation. This 5year project will support 26 PhD students, and will cultivate their abilities to develop clinically relevant biomedical technologies and devices leading to commercial products. This program couples research with entrepreneurship to develop graduates who can lead the creation of innovative and costeffective solutions to complex biomedical problems.

Dedication Opens Flower Hall for Innovative Research

Article by Christina Carr

A new era of scientific discovery is under way at Tulane University thanks to the opening of Donna and Paul Flower Hall for Research and Innovation. A dedication ceremony on Tuesday (December 11) commemorated the significance of this historic moment in science and engineering education at Tulane.

Read Full Story »

Our thanks to all of those whose generous contributions have made Flower Hall possible.

View Our Supporters »







SSE Event Celebrates the Impact of Endowed Gifts

Article by Christina Carr

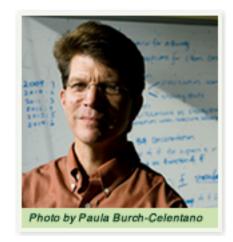
On a pleasant November evening, donors, alumni and board members made their way from around town and across the country to a rooftop overlooking the Mississippi River for what has become a tradition of Tulane University's School of Science and Engineering.

Read Full Story »

Seeking Scientists with Business Sense

Article by Mary Ann Travis

Donald P. Gaver is looking for serious science students who possess a penchant for taking entrepreneurial risks. Gaver, the Alden J. "Doc" Laborde professor and chair of biomedical engineering, is directing a new interdisciplinary PhD program in bioinnovation at Tulane University.



Read Full Story »

Engineering Professor Vijay John was awarded \$367,598 from the NSF to develop a class of nanoparticles that are hollow, lightweight and magnetically responsive, and can be developed into novel sensors and energy related materials.

Chemistry Professor Joel Mague was awarded \$249,200 from the NSF for the purchase of a new X-Ray diffractometer which will expand the capabilities of the Tulane Crystallography Laboratory to handle samples an order of magnitude smaller than is currently possible. The Laboratory, which is directed by Professor Mague, determines the structures of new chemical molecules.

Computer Science Associate
Professor Ramgopal Mettu was
awarded \$123, 323 from the NSF
to continue work on developing
algorithms for problems in
computational structural biology.
In particular, Professor Mettu is
developing methods to effectively
combine experimental and
modeling data for problems such
as protein structure prediction,
protein-protein interactions and
compound screening.

Chemical & Biomolecular
Engineering Professor Kim
O'Connor will be receiving the
American Chemical Society's
Gaden Award for an outstanding
paper published in the journal
Biotechnology and Bioengineering
in the last year.

CONTACT US

Tulane University School of Science & Engineering Suite 201, Lindy Boggs Center for Energy and Biotechnology New Orleans, LA 70118

Phone: 504-865-5764 Fax: 504-862-8747

sse@tulane.edu

FEEDBACK

We Want to Hear From You!

Please send us your feedback on the newsletter to:



Mathematically Solving Ecological Problems

Article by Kathryn Hobgood Ray

Carrie Manore, a postdoctoral fellow in the Center for Computational Science and Department of Mathematics, at Tulane University, is making waves as a promising early career scientist.

Read Full Story »

Symbiotic Survival of Rare Birds and Rain Forests

Article by Mary Ann Travis

On the coast of Ecuador, along the Pacific Ocean, on the western side of the Andes Mountains, lies the Choco rain forest. Here, Jordan Karubian, his students and local residents, whom he's enlisted as "environmental ambassadors," study an endangered species of bird — the long-wattled umbrellabird.



Read Full Story »

Upcoming Events

School of Science and Engineering Highlights

13th Annual Tulane Engineering Forum

Friday, April 5, 2013 8 AM – 5 PM Ernest N. Morial Convention Center **Registration is Required** »

School of Science and Engineering Outstanding Researcher Ceremony

Thursday, April 11, 2013 3 PM – 4 PM Lavin-Bernick Center for University Life – Kendall Cram Lecture Hall – Room 213 Everyone is Invited

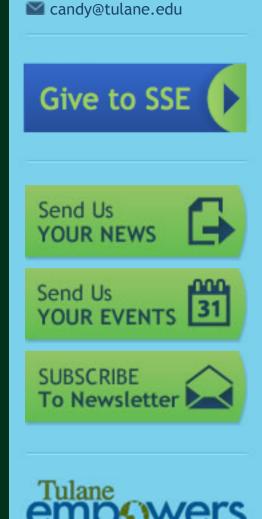
School of Science and Engineering Research Day – Poster Session

Thursday, April 11, 2013 4 PM – 6 PM Lavin-Bernick Center for University School of Science and Engineering Distinguished Leadership Circle Reception & 2013 Science and Engineering Alumni Awards Celebration

Thursday, April 11, 2013
6 PM – 8 PM
Lavin-Bernick Center for University
Life – 1834 Club – Room 215
Invitation Only
For information about Alumni
Awards »

School of Science and Engineering 2013 Graduation Celebration Toast & Luncheon for Graduating Seniors

Saturday, May 18, 2013 11:30 AM – 1:30 PM Mercedes-Benz Superdome – Claiborne & Iberville Club Rooms – Loge/Club Level



Life – Qatar Ballroom – Room 212 Everyone is Invited

View All Events »

All science and engineering graduating seniors and their guests are invited to join Dean Altiero and the School of Science and Engineering faculty for a celebration toast & luncheon Immediately following the conclusion of the Unified Ceremony Tickets will be required

See a weekly schedule of Science and Engineering Seminars open to the public »

Keep Up With Us







