

Spring
2015

NEW WAVE NEWS

Tulane Project to Expand Economic Development in New Orleans »

Biomedical Team Creates 'Nerve on a Chip' »

Tulane Professor Named 2015-16 CGS/NSF Dean-in-Residence »

MacLaren Classroom: A Special Spot »

Studio in Woods: Crossing Boundaries »

Students Headed for Team Gleason »

Jamie Kaplan Reflects on 500 Career Assists »

Read Other News »

ACCOLADES

Cell and Molecular Biology Assistant Professor Hai Huang was awarded \$747,000 from the NIH to study presynaptic KCNQ channels at auditory synapses.

Message from the Dean

Nicholas J. Altiero, Dean

What is a great formula for success? Collaboration.

For the School of Science and Engineering, partnerships across disciplines within the School, across the Tulane campus, and with external partners are accelerating the pace of breakthrough scientific discoveries and technological advancements. In this issue of our Newsletter, you will read several success stories that are the result of collaboration and partnership.

[Read Dean's Message »](#)



Tulane awarded \$1.5 million Dept. of Energy Grant

Article by Barri Bronston

The U.S. Department of Energy has awarded Tulane University physics professor Wayne Reed a \$1.5 million grant to help find the most efficient way to produce polymers, the chemical compounds that are used to make everything from building materials in spacecraft to laptops and medicines.

[Read Full Story »](#)

Career Panel Answers STEM Questions

Article by Kirby Messinger

On Saturday, February 7, science and engineering students packed into a crowded auditorium to listen to a diverse group of alumni and parents talk about careers in the science, technology, engineering and mathematics (STEM) fields.

[Read Full Story »](#)



Blind Date Leads to Love

Chemical and Biomolecular Engineering Professor and Department Chair Anne Robinson was selected as the 2015 BIOT Perlman Lecturer.

Chemistry Associate Professor Scott Grayson was awarded \$349,328 from the Gulf of Mexico Research Initiative (GoMRI)/BP to study the utility of nanoparticle-based dispersants to compliment existing dispersant technologies in addressing oil spills in fresh or sea water. This work is in collaboration with Wayne Reed (Tulane, Physics) and Dan Savin (U. Florida, Chemistry).

Chemistry Associate Professor Scott Grayson was awarded \$100,000 from the American Chemical Society Petroleum Research Fund to investigate how the architecture (e.g. branching) might affect the physical properties and potential applications of a class of biodegradable polyesters that show promise as drug-delivery scaffolds.

Physics and Engineering Physics Professor Zhiqiang was elected as a Fellow of the American Physical Society.

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FEEDBACK

We Want to Hear From You!

Please send us your feedback on the newsletter to:

✉ candy@tulane.edu



Article by Kirby Messinger

It was a chance meeting over 50 years ago that brought Michael and Mathilda Cochran together.

At the urging of their friends, Mathilda Prestia, a New Orleans native and St. Mary's College student, finally agreed to go on a blind date with Tulane University geology major Michael Cochran. It was love at first sight.

[Read Full Story »](#)

Hand in Hand: Unique Collaboration Between Tulane Engineering and Medical Students Helps Improve Hospitals

Article by Nicole Escarra

Last month, engineering undergraduates Gregory Michaelson and Zachary Resnick joined a group of medical students at the National Forum on Quality Improvement in Health Care, hosted by the Institute for Healthcare Improvement (IHI). Led by Dr. Frank Rosinia, Chairman of the Anesthesiology Department at Tulane Medical School, the team presented on their efforts to improve hand hygiene at the Tulane Medical Center.

[Read Full Story »](#)



Antoinette Hibbs: The Face of the Dean's Office

Article by Benjamin Morris

"She's the face of our office," says Dean Nick Altiero of Antoinette Hibbs, his executive secretary. "She's the point person—she's the first person you see."

[Read Full Story »](#)

2015 Tulane Engineering Forum

Friday, April 17, 2015

Keynote Speaker: Jean-François Poupeau, Executive Vice President, Corporate Development and Communication, Schlumberger Limited

Earn 8 PDHs, including 1 Ethics. [Visit the TEF Website for Details »](#)

[View SSE Faculty and SSE Facilities Videos »](#)

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Upcoming Events

School of Science and Engineering Highlights

9th Annual School of Science and Engineering Outstanding Researcher Ceremony

Thursday, April 9, 2015
3 PM – 4 PM
Lavin-Bernick Center for University Life
Kendall Cram Lecture Hall, Room 213
Everyone is Invited

9th Annual School of Science and Engineering Research Day – Poster Session

Thursday, April 9, 2015
4 PM – 6 PM
Lavin-Bernick Center for University Life
Qatar Ballroom, Room 212
Everyone is Invited

School of Science and Engineering Distinguished Leadership Circle Reception & 7th Annual Science and Engineering Alumni Awards Celebration

Thursday, April 9, 2015
6 PM – 8 PM
Lavin-Bernick Center for University Life
1834 Club, Room 215
Invitation Only

For Information about Alumni Awards »

View All Events »

2015 Masters and PhD Recognition and Hooding Ceremony

Friday, May 15, 2015
10 AM
McAlister Auditorium,
Tulane Uptown Campus
Reception will follow in the Lavin-Bernick Center for University Life
Kendall Cram Lecture Hall, Room 213
Qatar Ballroom, Room 212
School of Continuing Studies, School of Liberal Arts, School of Medicine – Biomedical Sciences, and the School of Science and Engineering

2015 School of Science and Engineering Undergraduate Diploma Ceremony

Saturday, May 16, 2015
1 PM
Tulane Uptown Campus
Devlin Field House

School of Science and Engineering Undergraduate Graduation Reception & Champagne Toast

Saturday, May 16, 2015
2:30 PM – 4 PM
3 PM Champagne Toast
Lavin-Bernick Center for University Life
Qatar Ballroom, Room 212
Kendall Cram Lecture Hall, Room 213
All SSE Graduating Seniors & Their Guests Are Invited

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

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