

Summer
2014

NEW WAVE NEWS

Tulane Dean Named
President of National
Engineering Education
Group »

Honoring Three
Outstanding Alumni »

Celebrating Excellence
in Research »

Professor Recognized for
His Work in Climate
Change »

Students Mentor Kids at
the Zurich Classic »

Engineering Alum
Creates Legacy »

[Read Other News »](#)

ACCOLADES

Cell and Molecular Biology & Ophthalmology Assistant Professor Shusheng Wang was awarded \$120,000 from BrightFocus to define microRNA mechanism in age-related macular degeneration (AMD) and develop novel microRNA-based AMD therapeutics.

Ecology and Evolutionary

Message from the Dean

Nicholas J. Altiero, Dean

The School of Science and Engineering experienced an outstanding 2013-2014 school year. At this year's commencement, 357 undergraduate degrees and 124 graduate science and engineering degrees were conferred, and many of our faculty and students were honored for their achievements.

Scott Grayson, associate professor of chemistry, received a Suzanne and Stephen Weiss Presidential Fellowship that honors faculty members who have a sustained record of effective, inspiring and distinguished teaching at the undergraduate level.

[Read Dean's Message »](#)



Almar Foundation

Article by Kirby Messinger

The Center for Anatomical and Movement Sciences (CAMS) gives Tulane biomedical engineering students a unique approach to engineering education.

In addition to the hands-on experience of human cadaver dissection, students are also able to view and participate in ground-breaking surgical demonstrations performed on cadavers. "We are offering an

innovative approach to teaching biomedical engineering," says Mic Dancisak, senior professor and the center's director. "I don't know of another school that gives students the opportunity to participate in these kinds of surgeries and procedures."

[Read Full Story »](#)

Science and Engineering Professors Receive Top Honors

Gary Dohanich, professor of psychology and neuroscience, was the recipient of the 2014 President's Awards for Graduate and Professional Teaching. This honor recognizes faculty members with a compelling record of excellence in teaching, learning and research, and a commitment to educational excellence.

[Read Full Story »](#)

Associate Professor and Center for Bioenvironmental Research Director Michael Blum and colleagues were awarded \$1,410,363 from the NSF to identify relationships between the distribution of rodent-borne pathogens and socioeconomic and ecological re-assembly of post-Katrina New Orleans.

Ecology and Evolutionary Biology Assistant Professor Elizabeth Derryberry was awarded \$361,000 from the NSF to study the adaptations of birds that persist in urban environments using behavioral, ecological, and mechanistic modeling approaches.

Physics and Engineering Physics Professor Zhiqiang Mao was awarded \$110,000 from the NSF to investigate novel quantum phenomena of transition metal compounds.

Physics and Engineering Physics Professor Wayne Reed was invited by the Academy of Sciences of the Republic of Uzbekistan to participate in the conference "Historical heritage of the scientists and philosophers of the medieval East, its role and importance for the modern civilization" May 14-17, 2014 in Samarkand, Uzbekistan.

[Full Story »](#)

[About the Conference »](#)

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FEEDBACK

We Want to Hear



Scott Grayson, associate professor of chemistry, received the Suzanne and Stephen Weiss Presidential Fellowship recognizing outstanding teachers of undergraduate students who have a sustained record of effective, inspiring and distinguished teaching.

[Read Full Story »](#)



SSE Student Honored with Highest Academic Honor

Article by Kirby Messinger

As if majoring in chemistry wasn't enough, recent graduate Joanna Lapucha decided to receive a dual degree in French, while competing as part of Tulane's track and field team. Lapucha made it a mission to personally challenge herself with graduate-level courses. And she did all this while maintaining the highest of cumulative grade point

averages.

That hard work, dedication and academic excellence was recognized when Lapucha was chosen as the recipient of the 2014 William Wallace Peery Medal for Academic Excellence.

[Read Full Story »](#)

Nicole Graas: Raising Support for SSE

Article by Kirby Messinger

When alumna Nicole Smith Graas ('04) had the opportunity to return to New Orleans and work with the new School of Science and Engineering she felt like she was "coming home."


As the Director of Development, Nicole works closely with alumni and friends to fund initiatives within the School of Science and Engineering that benefit students, faculty and staff. She assists donors in the creation of their vision while





From You!


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 candy@tulane.edu

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Tulane
empowers 

supporting the school's future.

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Novel Tech Challenge

Application Deadline: September 15, 2014

[For More Information and Application »](#)

[Follow on Twitter @TulaneNovelTech »](#)

2015 Tulane Engineering Forum

Mark The Date: Friday, April 17, 2015

[For more information on the TEF »](#)

Upcoming Events

School of Science and Engineering Highlights

Mathematical Sciences Institute

Monday, July 14 –
Friday, July 18, 2014
8 AM – 3 PM

*Hosted at the Tulane School
of Science and Engineering*

[For More Information »](#)

Fall 2014 Welcome at Tulane begins with Move-in Day

Friday, August 22, 2014

[For the Full Welcome
Week Schedule »](#)

[View All Events »](#)

[See a weekly schedule of Science
and Engineering Seminars open to
the public »](#)

School of Science and Engineering New Incoming Ph.D. Student Orientation

Friday, August 22, 2014
12:30 PM – 5 PM

Boggs Center for Energy &
Biotechnology – Room 104

Reception in Boggs First Floor Lobby
following the conclusion of the
orientation

*All new Ph.D. students are invited &
encouraged to attend*

School of Science and Engineering Freshmen Welcome – Open House for All New Incoming Students and Families

Saturday, August 23, 2014
12:15 PM – 2 PM

Boggs Center for Energy &
Biotechnology – First Floor Lobby

*All New Incoming Students and their
guests are invited to attend*

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Tulane University School of Science and Engineering