

Fall
2014

NEW WAVE NEWS

Roadmap Scholar & Research Assistant in the Tulane Department of Psychology to Help Cancer Patients »

She is Tops in Geochemistry »

Science Draws High School Students to Campus »

Kids Reaffirm Their Passion for all Things Science »

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ACCOLADES

Biomedical Engineering Associate Professor Yu-Ping Wang was awarded \$2,071,571 from the NIH to develop integrative approaches for the detection of biomarkers from multiscale genomic and imaging data.

Biomedical Engineering Professor Donald Gaver was elected as a Fellow of the Biomedical Engineering Society.

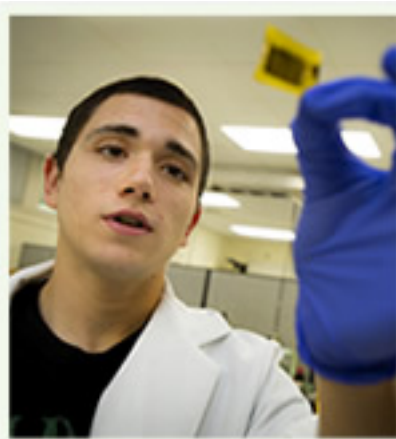
Biomedical Engineering Professor of Practice Lars Gilbertson has been appointed to the NewDay Professorship in Social

New Entergy Chair of Clean Energy Engineering Seeks Sustainable Solutions to Industry's Challenges

Article by Nicole Escarra

The Department of Chemical and Biomolecular Engineering recently announced that Daniel Shantz has been selected as the Entergy Chair of Clean Energy Engineering. Shantz, whose background includes experience in both corporate and academic research settings, shared that there were a number of reasons behind his decision to join the Green Wave faculty.

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Schlumberger Corp. Promotes Student Research

Article by Kirby Messinger

When Ben Rosenthal, a senior engineering physics major at Tulane University, got the opportunity to work in the lab of professor Doug Chrisey, he was excited about the incredible opportunity. Now his research contributions have earned him the title of Schlumberger Scholar.

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BarCampNola 7: BarioKart

Tulane Science and Engineering alumni Molly Oehmichen (BME '08), Barrett Conrad (CS '02), and Nicky Henriquez Mast, the daughter of the late Anthony Cohen Henriquez (EN '75), were among the organizers of BarCampNola 7: BarioKart held at the School of Science and Engineering this past summer. Over 250 attendees, including many other Tulane Science and Engineering alumni, packed the Boggs Center for Energy and Biotechnology at Tulane University.

[Read Full Story from New Orleans Tech »](#)

Entrepreneurship and as a Carnegie Fellow.

The NSF has awarded an EPSCoR Track 2 grant to a consortium of 14 investigators across Louisiana and Mississippi to develop new reaction monitoring technologies for designing cutting edge smart polymers and bringing these polymers closer to market. Four of the investigators on this grant are from Tulane's School of Science and Engineering and, of the \$6 million awarded to the two states Tulane's share is approximately \$2 million. Chemical and Biomolecular Engineering Associate Professor Hank Ashbaugh led the efforts to bring this consortium together, built upon the enabling technologies developed by Physics and Engineering Physics Professor Wayne Reed's group.

Chemistry Associate Professor Scott Grayson was awarded \$540,000 from the NSF to study how the architecture of synthetic polymers can be manipulated to tune their properties as detergents or surfactants.

Chemistry Professor Russell Schmehl was awarded \$124,872 from the Louisiana Board of Regents to enhance facilities for monitoring chemical processes on the microsecond and longer time scales.

Mathematics Professor Michael Mislove was awarded \$397,380 from the US Air Force Office of Scientific Research to develop a mathematical theory and related models for reasoning about information transfer.

Mathematics Postdoctoral Fellow Carrie Manore was interviewed for an article in Nature

[Full Story »](#)

CONTACT US

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

Welcomes New Staff

Please join us in welcoming Laurie Domino (Administrative Secretary, Museum of Natural History), Patrick Swindle (Program Coordinator, Department of Chemical and Biomolecular Engineering), and Erin Thigpen (Executive Secretary, Department of Physics and Engineering Physics). We also welcome Karen Muse (Sr. Program Coordinator, Department of Earth and Environmental Sciences) who transferred from the SSE Center for Computational Science and Yu Wang (Lab Research Technician, Department of Physics and Engineering Physics) formerly a staff member in the Tulane School of Medicine Department of Pathology.



[Read Full Story »](#)

Recovery Engineer

*Article by Pierre Home-Douglas,
ASCE Prism Magazine*

Imagine: You're a dean of engineering, and your city has suffered the worst natural catastrophe in American history. The campus is trashed, with more than \$500 million in damage. The entire semester is canceled. All your students have to find alternative schools to attend. And then, less than two months before the university is scheduled to reopen, the board of administrators issues a report with sweeping recommendations. One of them: Shut down your school.



[Read Full Story »](#)

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

The Entergy Chair in Clean Energy Engineering Investiture Honoring Chemical & Biomolecular Engineering Professor Daniel Shantz

Friday, October 17, 2014
3 PM – 5 PM

Woldenberg Art Center
Freeman Auditorium
Reception will follow in Woodward
Way Breezeway

School of Science and Engineering Homecoming 2014 Celebration Open House | Research Lab Tours

Friday, November 14, 2014
2 PM – 4 PM

Boggs Center for Energy & Biotechnology
First Floor Lobby
Everyone is Invited

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Everyone is Invited

School of Science and Engineering Distinguished Leadership Circle Reception

Thursday, November 13, 2014

6 PM – 8 PM

Audubon Golf Clubhouse

Invitation Only

School of Science and Engineering Board of Advisors Meeting

Friday, November 14, 2014

7 AM – 11:45 AM

Lavin-Bernick Center for

University Life

Room 203 - Stibbs Conference Room

Invitation Only

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

2014 Homecoming Tailgating Tent

Saturday, November 15, 2014

Time: TBD

Lavin-Bernick Center for

University Life Quad

FIRST® LEGO® League Louisiana Regional Championship

Saturday, December 6, 2014

8 AM – 4 PM

Hosted by Building Louisiana Science
and Technology (BLaST) in
partnership with the Tulane School of
Science and Engineering at Holy
Cross High School, New Orleans

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