

Fall  
2013

## NEW WAVE NEWS

Injured Tulane Football Player Devon Walker Returns to the Classroom »

Study Shows No Post-Spill Crab Decrease »

International Student Remembers Coming to Tulane 50 Years Ago »

Former EPA Leader Lisa Jackson Joins Tulane Board »

Read Other News »

## ACCOLADES

Chemical and Biomolecular Engineering Assistant Professor Noshir Pesika was awarded \$302,426 from the NSF to better understand the mechanisms involved in the lubrication of porous polymer-based surfaces or coatings with ultra-low coefficients of friction. If successful, the research will improve the performance and durability of artificial knee and hip replacement devices.

Chemistry Professor Robert Pascal, Jr., was awarded \$510,000 from the NSF to search for new molecules with very large optical rotations and other

## New \$13 Million Interdisciplinary Labs Debut This Fall

Article by *Keith Brannon*

Soon Tulane University will complete a sweeping \$13.5 million renovation of laboratory spaces in the J. Bennett Johnston Health and Environmental Research Building, setting the stage for a vibrant hub of interdisciplinary research on Tulane Avenue.

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Photo by Keith Brannon



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## Inspiration Generation: Elsa Freiman Angrist, '66

Article by *Benjamin Morris*

Elsa Freiman Angrist (Newcomb '66) vividly remembers her time as an undergraduate. She arrived on campus in 1962 from her home in Alexandria, LA, with a desire not just to learn, but to make the very most out of her experience.

## Pakistan Trip Offers Teaching and Learning Moments

Article by *Ryan Rivet*

Tulane played host to a university delegation from Pakistan in March to show how civic engagement has become an integral part of the curriculum and the university experience. This summer, three Tulane representatives headed to Rawalpindi, Pakistan, to visit the partner institution, Fatima Jinnah Women University.

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Photo by Carrie Bodley-Bond

## Expert on Safety Receives Distinguished Achievement Award

Article by *Erin Mulvaney*

exceptional chiroptical properties that may be of value in new display technologies and electronic materials.

Computer Science Associate Professor Carola Wenk was awarded \$303,624 from the NSF to develop geometric algorithms for constructing road networks from geo-referenced trajectory data. With this project, Dr. Wenk combines the very timely challenges of analyzing the vast amounts of GPS data that are being collected all over the world, with constructing and maintaining digital street maps which are among the most valuable digital data resource in today's society.

Physics and Engineering Physics Professor Douglas Chrisey was awarded \$600,000 from the NSF to build devices capable of converting heat into electric power with unprecedented efficiency utilizing a novel ceramic manufacturing method that ensures the technology advances will be available for large scale production.

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## FEEDBACK

We Want to Hear  
From You!

Please send us your feedback on  
the newsletter to:

✉ [candy@tulane.edu](mailto:candy@tulane.edu)

Give to SSE



Houston businessman Ken Arnold is the 2013 recipient of the Offshore Technology Conference's Distinguished Achievement Award, given for technological, humanitarian, environmental and leadership contributions to the industry.

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## Fiscally Fit: Assistant Dean Sandra Parker

*Article by Benjamin Morris*

As Assistant Dean for Finance and Personnel, Sandra Parker's job is to keep the School of Science and Engineering fiscally fit. She comes to this work from an active background: a double alum, she earned both her bachelor's (in Psychology) and MBA at Tulane, then went on to spend over a decade at IBM in Boca Raton, White Plains, and New Orleans working in financial planning, project management, and marketing.



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## Upcoming Events

*School of Science and Engineering Highlights*

### School of Science and Engineering Distinguished Leadership Circle Reception

Thursday, October 3, 2013  
6:30 PM – 8:30 PM  
Audubon Golf Clubhouse  
*SSE Board of Advisors and All  
Science and Engineering Alumni  
are Invited*

### School of Science and Engineering Homecoming 2013 Celebration Open House | Research Lab Tours

Friday, October 4, 2013  
2 PM – 4 PM  
Boggs Center for Energy &  
Biotechnology  
First Floor Lobby  
*Everyone is Invited*

[View All Events »](#)

### School of Science and Engineering 2013 Homecoming Tailgating Tent

Saturday, October 5, 2013  
11 AM – Game Kickoff  
Mercedes-Benz Superdome  
Garage #6 Rooftop  
*Everyone is Invited*

### The Murchison-Mallory Chair in Physics Investiture Ceremony Honoring Physics Professor Wayne Reed

Friday, November 22, 2013  
3 PM – 4 PM  
Lavin-Bernick Center for  
University Life  
Kendall Cram Lecture Hall, Room 213  
*Reception will follow in Lavin-Bernick  
Center for University Life – Room 212  
– Qatar Ballroom  
Everyone is Invited*

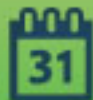
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