Message from the Dean

Nicholas J. Altiero, Dean

What a year this has been! As I look back on 2014, I can’t help but take enormous pride in the success of the School of Science and Engineering at Tulane University. This academic year, undergraduate enrollment in our School is 1737, a record high and 38% higher than our post-Katrina low. Graduate enrollment stands at 480, also a record high and more than 36% higher than the post-Katrina low. Please take a little time to browse our web site and this and past issues of our quarterly Newsletter to see the many examples of student achievements as well as those of our faculty and staff and our continued success in research, technology transfer, and K-12 STEM education outreach.

Read Dean’s Message »

Gifts Pave the Way for Programs at the Interface of the Earth Sciences and Engineering

Article by Kirby Messinger

There are arguably no more vital concerns to South Louisiana and the Gulf Coast than energy production and coastal protection and restoration. Now, thanks to two recent gifts, the Tulane University School of Science and Engineering will begin developing a strong relationship between the earth sciences and engineering to build programs that address many issues of importance to efficient energy production and environmental sustainability.

Read Full Story »

Professors Aim to Open On-Campus Makerspace for Collaborative Projects

Article by Maricela Murillo

Two professors proposed transforming the 120-year-old mechanical services workshop into a “makerspace” complete with 3-D printers, woodworking equipment and other tools to give students a 24/7 accessible area for creating. Timothy Schuler, senior professor of practice and lab supervisor, and Cedric F. Walker, a biomedical engineering professor,
Black Women Less Likely to Associate STEM with Men, Tulane Study Says

*Article by Barri Bronston*

Black women are less likely than white women to subconsciously associate the STEM fields of science, technology, engineering and mathematics with males and masculinity, according to a study led by Tulane University psychology professor Laurie O’Brien.

Research at the Intersection of Academia, Government, and Industry

*Article by Christina Carr*

In 2011, the National Institutes of Health and the U.S. Food and Drug Administration announced a comprehensive joint study to gauge the behavioral and health impacts of new government tobacco regulations. In order to qualify for funding from this initiative, investigators need to have considerable training in tobacco regulatory research.

Little is known about the long-term effects of new tobacco products, such as e-cigarettes and second-hand vapor exposure. Yet perhaps due to tobacco’s well-documented health risks or the stigma associated with accepting funds from tobacco companies, few scientists are entering the field.

Science and Engineering Staff Key to School’s Success

*Article by Christina Carr*

Tulane University School of Science and Engineering is riding high on the momentum of the Physics and Engineering Physics Department, especially the growth of its materials
science and engineering program. Meaningful investments in facilities and equipment at the forefront of technology have laid the foundation for advancements in research and discovery. At the heart of this success is the dedication of Tulane staff members like Michael Johnson.

Read Full Story »

---

### 7th Annual Science & Engineering Alumni Awards Celebration

**Thursday, April 9, 2015**

Submit Your Nomination »

### 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 »

---

### Upcoming Events

*School of Science and Engineering Highlights*

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Cochran Family Professorship Investiture Honoring Earth and Environmental Sciences Professor Karen Johannesson</td>
<td>Thursday, February 5, 2015</td>
<td>3 PM – 5 PM</td>
<td>Woldenberg Art Center – Freeman Auditorium; Reception will follow in Woodward Way Breezeway</td>
</tr>
<tr>
<td>8th Annual School of Science and Engineering Research Day – Poster Session</td>
<td>Thursday, April 9, 2015</td>
<td>4 PM – 6 PM</td>
<td>Lavin-Bernick Center for University Life; Qatar Ballroom, Room 212</td>
</tr>
<tr>
<td>School of Science and Engineering Distinguished Leadership Circle Reception &amp; 7th Annual Science and Engineering Alumni Awards Celebration</td>
<td>Thursday, April 9, 2015</td>
<td>6 PM – 8 PM</td>
<td>Lavin-Bernick Center for University Life; 1834 Club, Room 215</td>
</tr>
<tr>
<td>Invitation Only</td>
<td>View All Events »</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>-------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Information about Alumni Awards »</td>
<td>See a weekly schedule of Science and Engineering Seminars open to the public »</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>