

FALL 2005

A MESSAGE FROM THE STE PRESIDENT



2006-07 President
David Kanger

A year ago in my address to the society in the spring '05 newsletter, I concluded with the thought "I believe the renewed legacy of an energetic, interested and effective Society of Tulane Engineers will be around for a long time to come." Despite all that has occurred since Katrina, I am proud to adhere to that belief and remain hopeful that you still share it as well, because this society remains strong.

Admittedly, much has changed for our engineering family since Katrina struck last August. What has not changed is the relevance of this society and the impacts that our engineering alums will make in the hurricane's destructive wake. After the university released its Renewal Plan, there was much to be disappointed about. The combined loss of the Department of Civil and Environmental Engineering, the Department of Mechanical Engineering, and the Department of Electrical Engineering and Computer Science is a significant loss which should not be minimized. However, in the aftermath, there is much to be hopeful about.

The efforts of the society's officers including myself, Vice-President **Dennis Lambert**, Treasurer **John Shires**, Secretary **John O'Brien** and many alumni are helping to ensure that engineering at Tulane lives up to its long and cherished legacy. I wish to briefly discuss some of our efforts that have already yielded benefits for the school. First, immediately following the hurricane, the officers agreed to

remain in place for this year to allow for continuity of leadership. In early January, I joined STE's Past President and President of the Society of Tulane Engineer's Board of Past Presidents (STEPP), **Bob Kahl** in meeting with both **President Cowen** and **Dean Altiero** to discuss our issues with the university's Renewal Plan. We were successful in getting President Cowen to amend the plan to include more specific details about the future of engineering at Tulane. Since that meeting, I attended a meeting of the Board of Advisors in February. This board has been charged by President Cowen to help Dean Altiero with the task of producing a viable plan for the future of engineering. I repeat the university's charge to you:

"The university will begin a planning process this spring, led by Dean Nicholas Altiero, to define a new vision for engineering within the context of the School of Science and Engineering and to also build a strong foundation from which Tulane can strategically grow its science and engineering presence in the future. The involvement of alumni in this process will be critical to its success."

Tulane University – A Plan for Renewal

The end goal of this plan will not be quick or easy to achieve. It will only be through many small steps taken by all of us that will move the new School of Science and Engineering towards a point that is acceptable to us all.

Regardless of what we strive for in life, all of us as members of this society are engineers. What does that mean? At its most basic definition, we use scientific knowledge to solve practical problems. What we are

dealing with is a practical problem. Admittedly, a seemingly large and insurmountable problem. But, it is one that is solvable.

The problem that needs to be solved is thus. Currently, the number of accredited engineering programs are falling from nine to two, with five divisions in the School of Science and Engineering as follows: The Biological Science and Engineering Division; the Chemical Science and Engineering Division; the Physical and Materials Science Division; the Earth and Ecological Science Division; and, the Mathematics and Computational Science Division. Of these five divisions, only two currently have engineering programs associated with them.

Certainly, we desire more. Each one of us has our own ideas of what that will be. However, collectively, I believe that the vision of an expanded engineering presence within this school is clear. The divisions that have been established for the School of Science and Engineering certainly are a good basis to begin from. It is very reasonable to believe that the Mathematics and Computational Science Division should have a computer science program associated with it. Likewise, for other appropriate programs within the remaining divisions. I rest assured knowing that over the next few months and years we will join the dean and the Board of Advisors in analyzing this problem and helping form the details of what their new vision for the school will be.

I ask that as the Society of Tulane Engineers we all work towards bringing that vision to reality. The great legacy of Tulane engineering demands no less from us.

See page 4 for information
on HomeRun 2006!



Dean Nicholas Altiero

REINVENTING OURSELVES FOR 2007

On August 29, 2005, our worst fears were realized when Hurricane Katrina and its aftermath caused breathtaking destruction to our beloved city of New Orleans. Tulane University was not spared as both our downtown and uptown campuses were heavily damaged. It is miraculous that the University was able to begin its spring 2006 semester on time and that it now appears to be on the road to financial recovery despite having suffered enormous losses.

Unfortunately, the School of Engineering paid a heavy price in the Renewal Plan that was needed to address the current and future operations of the University in the post-Katrina era. The decision was made to phase out three of our departments (Civil and Environmental Engineering, Electrical Engineering and Computer Science, and Mechanical Engineering) and to combine the remaining two departments (Biomedical Engineering and Chemical and Biomolecular Engineering) with the sciences in a newly established School of Science and Engineering.

The School of Engineering at Tulane University has long been known for its outstanding educational programs and its

dedicated faculty. It has suffered, however, from a lack of the faculty size and financial resources necessary to compete for world prominence in research in all of its programmatic areas. As I have reported in previous issues of the *Tulane Engineer*, a plan had been developed to increase the faculty size and to achieve a stronger financial footing for the school and, with the strong support of the central administration, excellent progress was being made.

However, the financial impact of Katrina has forced the University to now follow a different course in order to achieve the dual goals of educational and research prominence and financial stability.

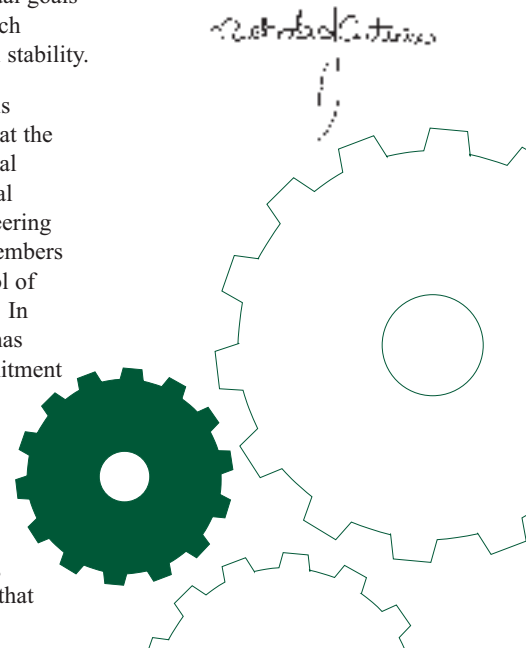
Looking to the future, it is important to recognize that the departments of Biomedical Engineering and Chemical and Biomolecular Engineering are alive and well and members of an exciting new School of Science and Engineering. In addition, the University has expressed a strong commitment to defining a new vision for engineering at Tulane within the context of the new School of Science and Engineering.

Over the next 18 months, we will work to develop that

vision and I will report to you regularly on our progress.

Since the announcement of the Renewal Plan on December 8, 2005, I have had many Tulane engineering alumni and alumnae ask about the future of the Society of Tulane Engineers. The STE consists of nearly 8,000 members and it will continue to grow because Tulane will continue to produce engineering graduates.

More than ever, engineering at Tulane needs the strong support of the STE to celebrate its proud tradition and to help define its future.



Students Can Take Advantage of "Lagniappe Session"

“Students can stay on track with, or even accelerate, their degree programs.”

The university is holding a special “Lagniappe” semester this year. This concentrated regular term was developed in response to the impact of Hurricane Katrina. Students may use it to stay on track with, or even accelerate, their degree programs.

The seven-week long semester is scheduled to begin May 15, 2006 and feature longer class times than with a regular schedule.

Students who visited other institutions in the Fall semester can use Lagniappe in several ways.

- 1) If the student was unable to take a full schedule of classes at their host institution, Lagniappe is an opportunity to make up those credits.
- 2) If the student did keep up with classes in the Fall, he or she may still accelerate progress toward a

degree or spread Spring term classes out over two semesters to allow time to deal with other personal issues related to the storm.

In this way, Juniors and Seniors can stay on track and most Sophomores will be able to complete their Major classes before the end of 2007 and still graduate with their intended degrees.

Students Continue to Excel During Evacuation

Dr. Natalia A. Trayanova, the head of the Computational Cardiac Electrophysiology Laboratory of the Department of Biomedical Engineering, was preparing for an international conference in Shanghai when mandatory evacuation orders were issued for Orleans Parish. She flew to China on one of the last flights out of New Orleans' Louis Armstrong International Airport on Sunday, August 28, 2005.

Xiao Jie, a PhD student in Dr. Trayanova's lab, switched her ticket to leave from Houston, and made it to the conference as well.

The eight other members evacuated to cities across the country. Because the group works closely with one another on a regular basis, the need for communication prompted **Brock Tice**, another PhD student, to set up "Hurricane Wiki" – a web-based interactive site where info and data could be posted. Brock's site allowed the lab to communicate effectively during the evacuation.

However, they would have to overcome an additional obstacle before reuniting. Dr. Trayanova developed appendicitis during the conference in China, and had to undergo emergency surgery. After

a three-week recovery period, Dr. Trayanova was healthy enough to return to the United States.

Generous colleagues afforded the lab an opportunity to resume research – they were offered resources and space at Washington University in St. Louis. **Dr. Yoram Rudy** and **Dr. Igor Efimov** of the Cardiac Bioelectricity and Arrhythmia Center assisted the lab in finding housing and allocating space in the Department of Biomedical Engineering. By October, everyone had relocated to St. Louis with the exception of PhD candidate **Wei Hui Li**, who remained in Houston with her



From left: **Xiao Jie, Jason Constantino, Dr. Natalia Trayanova, Robert Blake, Dr. Viatcheslav Gurev, Molly Maleckar, Samuel Kuo, and Hermenegild Arevalo** "in exile" at Wash U.

husband and their newborn son. For two months, Dr. Trayanova and her students worked and lived together. The lab completed grant proposals to the National Science Foundation and the National Institutes of Health, as well as submitted 14 scientific abstracts to the Heart Rhythm 2006 Scientific Sessions, the premier conference in the field of cardiac electrophysiology. (Note: 13 of the 14 were accepted – far above the 30% average rate!)

Now back in New Orleans, they look forward to a productive year with a new perspective on the importance of a cooperative workplace.

Displaced Students Place High in DARPA Grand Challenge

High-tech robotics, automated vehicle chases and a fierce desert race... no, it's not another James Cameron movie – it's the **DARPA Grand Challenge**, held October 8, 2005 in the Mojave Desert.

The Grand Challenge, sponsored by the Department of Defense, invites academic types, industry researchers, backyard inventors and automotive enthusiasts to create the best autonomous ground vehicle, an auto-piloted vehicle that can navigate itself through an obstacle course.



Quick like a Kat: the Kat-5 in action

Tulane engineering students **Paul Trepagnier, Matthew Dooner, Ross Kaplan, Powell Kinney, Aaron Lee** and **Jorge Nagel** were part of Team Gray, a privately-

funded group that placed fourth in its first year of competition despite numerous interruptions. The car, a silver Ford Escape hybrid SUV, was modified with computers, a GPS receiver and sweep sensors, and features solar panels on the roof to serve as an alternative fuel source.

The equipment was purchased by Gray Insurance Co., a Metairie-based business, and the Tulane students worked alongside the company's IT department to modify the SUV. "It was called 'Gray Ghost,' but after Katrina it was changed to 'Kat-5,'" says **Cris Koutsougeras**, a Team Gray advisor and associate professor at Tulane in the Electrical Engineering and Computer Science Department.

Koutsougeras explained that once the parts were in place, the most difficult task was building programs that interpret the sensory info and produce the controlling signals. "Our students were instrumental in this task," he says.

In the middle of modifications came Hurricanes Katrina and Rita. **Carl Schneider**, a Team Gray leader and an M.B.A. candidate



l to r: **Paul Trepagnier (CS - grad. sch.); Matthew Dooner (CS); Jorge Nagel (ME - grad. sch.); Powell Kinney (BME)**

at the A.B. Freeman School of Business, says, "When we got knocked out of this area, we lost the ability to get to our maintenance department. I had to relocate our business to Baton Rouge in that time." In addition, the members of Team Gray were personally displaced. "Seventy-five percent of the team had flooding in their houses due to the hurricane," says Schneider, "yet we were able to stay focused."

The exact route of the race was not revealed until two hours before the event began. Race day was hot, dusty and bright. "They actually had dust storms," says Schneider. "We were all concerned that the dust that blew up would affect our car's ability to see obstacles."

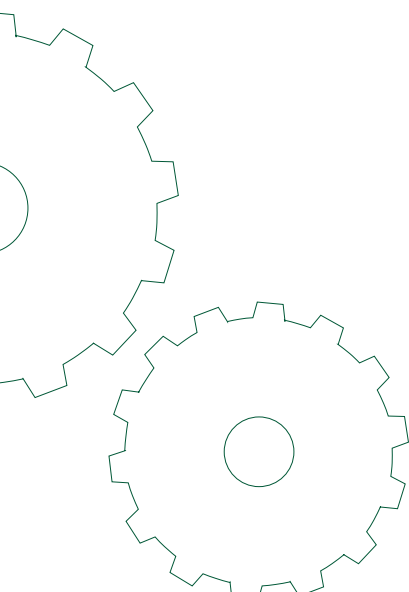
The course itself presented its own challenges. "The terrain included all sorts of textures in its 132 miles," says Koutsougeras. "There were sandy areas, rough bumpy areas of hard road, and even tunnels." But "Kat-5's" "gray matter," as they called its artificial intelligence, handled the challenges admirably.

First place was "Stanley," entered by Stanford University, at 6 hours and 53 minutes. Next came two vehicles entered by Carnegie-Mellon University, and Team Gray's "Kat-5" came in fourth with 7 hours and 30 minutes, at an average speed of 17.5 mph.

"We went against teams with previous experience and more time and resources," says Koutsougeras excitedly. "We thought it was gone in the winds of two hurricanes, and we are fourth at the finish line!"

The finishers are the first ground vehicle robots to travel a great distance at a relatively high speed. "These vehicles haven't just achieved world records," says DARPA Director **Tony Tether**, "they've made history."

Special thanks to Kathryn Hobgood



A Living-Learning Community

Anthony Lamanna is familiar with stress; in fact, he thrives on it. Lamanna, an assistant professor of civil and environmental engineering, was in the middle of testing the stress response of a 3,000-pound concrete beam when he was forced to evacuate and leave his lab, his city and his work.

Now Lamanna can find the effects of stress in a number of different things, including the anxious anticipation of returning to his work at Tulane and adapting to his somewhat unusual living arrangements in Omaha, Nebraska.

With the referral of a former professor of his, Lamanna obtained a half-time visiting professorship at the University of Nebraska's Peter Kewit Institute. Once there,

he contacted his graduate students, inviting them to join him.

Students **Jeremy Martin** and **Huajie Liu**, along with Liu's wife, **Ying Liu**, took Lamanna up on his offer to live and work temporarily in Omaha. The four eventually wound up living in the same house, when a local woman took her house off the market in order for them to have a place to stay.

"It's sort of like a bad TV show, all of us living in the same house," says Lamanna. "Things have been going well, we carpool to school and try not to talk about work in the house too much."

Lamanna, who is helping his students financially, says he is also staying in touch with the three other graduate students who are involved in his research. "I found out how they were, where they were and have been in constant contact with my grad students and many of my undergraduates."

Currently, Lamanna has been assisting **Laura Steinberg**, associate professor of civil and environmental engineering,

in a National Science Foundation-funded project to assess the environmental impact of Katrina.

"We went down to New Orleans, looked at the damage, catalogued it," says Lamanna. In general, he says, many of the residential structures he analyzed appeared to withstand the winds of Hurricane Katrina very well. "If it weren't for the levee breaks, people would be living throughout New Orleans right now."

He says, however, he is "chomping at the bit" to get back to Tulane. "I know my lab has electricity and Internet connectivity. I have a Web cam and can see everything."

As a structural engineer, Lamanna envisions opportunities for research. "I am excited to find the light at the end of this tunnel. This will provide an opportunity for students in environmental engineering, civil engineering, public health... We are going to have a lot of work to do, and we are going to be active in the rebuilding."

Special thanks to Nick Marinello. This article appeared in The New Wave, November 7, 2005.



A Tulane faculty member and graduate students living and working together is one post-Katrina version of reality in Omaha, Nebraska. Taking off time to carve Halloween pumpkins together were, from left, graduate student Jeremy Martin, Ying Liu, graduate student Huajie Liu, and Anthony Lamanna, assistant professor of engineering.

STE Meeting in Left Field

The officers of the Society of Tulane Engineers will be entertaining in left field in a private area where we will have a short, pre-game meeting at 12:30 pm to introduce and honor our 2005 alumni awards recipients.

Please make plans to attend at a nominal cost of \$20 per person that will include admission to the game and food and beverage! Season ticket holders will be able to attend for only \$10 per ticket. **Reservations are a must so please fill out the form to the right** and mail to Barbara Hogue as soon as possible or email her at bhogue@tulane.edu or call (504) 865-5864. Credit cards may be given by email or phone.

University Hopes Homecoming Will Score a Home Run

An abbreviated homecoming (HomeRun) will be held on April 1st at **Zephyr Field** during the Tulane vs. Rice game. Join the STE officers for a short pre-game meeting at 12:30 pm. **Reservations are required.** Please fill out this form (please print) and mail to:

**Tulane University
School of Engineering
Attn: Barbara Hogue
201 Lindy Boggs Center
6823 St. Charles Avenue
New Orleans, LA 70118-5698**

Name _____

Address _____

Email _____ Phone _____

in Party _____ Names (for nametags) _____

Check enclosed payable to **Tulane University** MasterCard Visa
(\$20/person, \$10/season ticket holder)

Card # _____ Exp. Date _____

Signature _____

Newest Faculty an Excellent Choice

The Department of Biomedical Engineering is excited about the future.

Besides being included in the university's new School of Science and Engineering, the department is pleased to welcome its newest faculty member, **Bum-Rak Choi**.

Dr. Choi earned his BS in Molecular Biology from Seoul National University in South Korea and PhD in Cell Biology and Physiology from University of Pittsburgh. Before joining Tulane, he was a research assistant professor at the University of Pittsburgh. There he developed a novel technique to look at intracellular calcium dynamics and action potentials in the heart simultaneously. He investigated mechanisms underlying chaotic behavior of electrical signals in

ventricular fibrillation.

Bum-Rak is working at the forefront of cardiac arrhythmia research by developing new optical mapping techniques. Research like that of Dr. Choi is an excellent example of the future of Tulane Engineering.

Dr. Choi works with top research groups in the field of cardiac arrhythmia. According to Dean Altiero, "Our relationship with the medical scientists downtown at the Tulane Medical Sciences center will allow an ease of collaboration that was previously not available to engineering researchers" including molecular biologists for development of genetic probes, chemists for development of organic probes and red-ox chemistry in ischemia, and clinicians for application.

During the Spring semester, Professor Choi will be teaching BMEN 260, Introduction to Organic and Biochemistries and next year he will be developing a new graduate course.

His primary interest is on two major topics in the current cardiovascular electrophysiology research:

- 1) how single ion channel or gap junction kinetic features influences/modulates overall cardiac conduction and electro-mechanical/mechano-electrical couplings, which will lead us to therapeutic targets of cardiac arrhythmias, and
- 2) how complex 3D structure of heart such as Purkinje networks and heterogeneous cell types trigger/maintain reentrant arrhythmias.



Bum-Rak Choi, Professor of Biomedical Engineering

Like the Energizer Bunny, He Keeps Going and Going

Richard D. Gonzalez, Professor of Chemical Engineering, received emeritus status by the university this year. His retirement follows fifteen years as the Herman and George R. Brown Professor of Chemical Engineering.



Richard Gonzalez served as Chair of the ChE Department from 1993-98

"My years with Tulane Engineering have been incredibly rewarding," says Gonzalez who came to Tulane from a faculty position at the University of Illinois at Chicago. He received his undergraduate degree in ChE from Rensselaer Polytechnic Institute ('61) and

graduate degrees from Johns Hopkins (MA '63; PhD '65).

Over the last forty years, Dr. Gonzalez held many offices in professional organizations and societies including The American Chemical Society, The American Institute of Chemical Engineers and Tau Beta Pi. He also received many academic and research honors and served as reviewer for numerous professional journals, editorial boards and granting agencies. And, somehow, he found time to author or co-author over 170 publications and serve as faculty advisor to 25 graduate students and 11 postdoctorals.

But he takes it all in stride. Since catching the "running bug" in 1989, Dr. Gonzalez has run marathons on six continents with only Asia remaining to conquer. (Yes, he has run two marathons in Antarctica.)

His latest run, June 2005, was in Kenya where he was chased by an enthusiastic ostrich. "They are fast and not very friendly," says Gonzalez.

In retirement he will continue to run marathons. "And fish," he adds, although his boat was lost to Hurricane Katrina in Venice, LA.

He has no plans of slowing down. Dr. Gonzalez plans to continue to work on patents, teach one graduate level class at Tulane and serve as visiting Professor of Chemistry at the Institute of Neurosurgery and Neurology in Mexico City, Mexico.



Dr. Gonzalez finishes the race in Kenya

Tulane Engineering Mourns Loss of Board Members



Joseph J. Krebs, Jr.

The school of engineering lost two long-time members of the board of advisors during the fall with the deaths of **Joseph J. Krebs, Jr.** and **Waldemar S. Nelson**.

At the time of his death on October 4, 2005 **Joe Krebs** held the position of emeritus member of the board after actively serving for many years. Mr. Krebs was chairman and CEO of J. J. Krebs and Sons, Inc., an engineering consulting firm now known as Krebs, LaSalle, LeMieux Consultants, Inc. until his retirement in December 1995 and continued to serve as a consultant to the firm until his death. He was a 1950 Tulane Civil Engineering graduate and a member of Tau Beta Pi Society.

Mr. Krebs was appointed to the Board of Commissioners for the Port of New Orleans in 1976 and served for five years as Commissioner and as President and Chairman of the Board in 1980. He led the Board's first trade mission to the People's Republic of China and the Far East in 1984. The same year he was elected Chairman of the Board of the Chamber/New Orleans and the River Region and served for many years in various Chamber organizations.

From 1981 to 1986 he was a member of the Greater Jefferson

Port Commission, and in 1986 became a member of the Jefferson Economic Development Commission, on whose board he served until 1991. His other board memberships and civic and professional honors were many, including his 1994 induction into the Junior Achievement Hall of Fame.

Waldemar Nelson, an active member of the board of advisors and a graduate of Tulane Engineering passed away on November 15 at his son's home in Baton Rouge. He graduated with degrees in mechanical and electrical engineering and was a member of Tau Beta Pi, Pi Tau Sigma and Eta Kappa Nu.

After serving in the Army Corps of Engineers in World War II,

Mr. Nelson established the firm that bears his name. He was active in many engineering organizations and had served as president of the Louisiana Engineering Foundation. In 1994 the society honored him by creating the *Waldemar S. Nelson President's Award*.

Mr. Nelson was also a life fellow of the American Society of Mechanical Engineers and the American Society of Civil Engineers. In 1976 he was named outstanding alumnus and was inducted into the Tulane Engineering Hall of Fame in 1997.

His generosity touched many lives in the New Orleans area as evidenced by the numerous civic awards bestowed upon him during his 89 years, all of which were spent in New Orleans.



Waldemar S. Nelson



In Memoriam

It is with sadness that we report that in late December staff member **Kenneth Kuhn** passed away. Kenny spent 13 years in the biomedical engineering department as laboratory supervisor and teacher.

- David G. Alsbaugh (E'72)
- Lanier H. Devine (non-grad'45)
- John C. Finney (ME'51)
- Richard A. Giraud Jr. (non-grad'63)
- Wesley A. Lewis, Jr. (ME'84)
- Frank V. McMillen II (ME'49)
- Joseph E. Novak (CE'51)
- Francis C. O'Connor (EE'41)
- Alicia Roberts Sampson (E'84)
- Charles Clarence Savoie Sr. (non-grad'34)
- Hans T. Y. Tjian (ME'61)

Memorial donations are welcome.

Farewell, Ducky

The school of engineering lost a good friend during the storm evacuation when **Karem "Ducky" Riess** passed away while in route to a hospital in Shreveport. Dr. Riess, a Tulane alumnus and emeritus faculty member, spent more than 50 years teaching physics to engineering students. He's also remembered for his service as university marshal for 25 years and as faculty advisor to fraternities for more than four decades.

Tulane Engineering Forum 2006 Engineering in a Coastal Environment

Originally scheduled for September 30, 2005, the sixth annual Tulane University Engineering Forum has been moved to **Friday, June 2, 2006**. The Forum is sponsored by

the Society of Tulane Engineers and Tulane University School of Engineering. It provides an opportunity for professionals to learn from industry and academic experts.

To register, complete the form below and return it to:

**Tulane Engineering Forum
Tulane University
Dean's Office
New Orleans, LA 70118**

Individual Registration		Corporate Registration	
General Public Rate	\$200 until May 2 \$225 after May 2	(For a description of benefits see www.eng.tulane.edu/tef .)	
Tulane Alumni Rate	\$175 until May 2 \$200 after May 2 \$60 luncheon only	Forum Underwriter	\$5,000
		Forum Patron	\$2,000
		Forum Sponsor	\$1,000
		Corporate Sponsor	\$500

If paying by VISA/MasterCard, you can fax your form to **(504) 862-2762**.

Cancellation requests must be submitted in writing and must be received on or before May 26, 2006.

Forum Information Quick Reference:

WHERE:

Hilton Riverside
New Orleans, Louisiana

WHEN:

Friday, June 2, 2006

TIME:

8:30 am - 5:00 pm

WHAT:

Nationally Acclaimed Speakers, Plenary and Concurrent Sessions and Poster Sessions

EARN:

7 PDH credits, including 1 ethics PDH

VISIT:

www.eng.tulane.edu/tef
for list of speakers and topics

TULANE ENGINEERING FORUM 2006 CLIP AND MAIL *please print*

Name _____ P.E. YES NO

Company _____

Address _____ City _____ State _____ Zip _____

Phone _____ Fax _____ Email _____

Individual Registration

Number of Tickets: _____ @ \$ _____ each = \$ _____

Corporate Registration

Level: _____ @ \$ _____

Payment Method

Check enclosed (make check payable to *Tulane School of Engineering*): \$ _____

Charge to my Visa or MasterCard (only – fill out below): \$ _____

Cardholder Name _____ Signature _____

MasterCard VISA Card # _____ Exp. _____

Concurrent Sessions *Please indicate your preferred concurrent session choices below*

10:45 am A _____ B _____ C _____ D _____

2:15 pm E _____ F _____ G _____ H _____

2006-2007 STE Officers

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jhshires@cityofno.com
- SECRETARY** **John C. O'Brien**
(Engr.'74)
(504) 734-4560
john.obrien@spr.doe.gov

Let us know!

If you have alumni information you'd like to share, please email Barbara Hogue in the dean's office: bhogue@tulane.edu.

All archived *Tulane Engineer* newsletters can be found at www.eng.tulane.edu

Calendar of Events

Week of March 13, 2006

Engineering Week
Check with Dean's Office for further info.
Functions to be scheduled for entire week both on and off campus.

April 1, 2006

HomeRun 2006
STE Annual Meeting (see article inside)
Tulane vs. Rice
Zephyr Field (Metairie, LA)

May 12, 2006

Emeritus Club Induction Luncheon
Honoring the Class of 1956
Location TBA
12:00 noon

Class of 1956 Reunion

Home of Jay Oppenheim
3609 N Turnbull Drive (Metairie, LA)
6:00 to 9:00 pm

Wave Goodbye Party

Gibson Quad, Uptown Campus
6:00 pm - 9:00 pm
By Invitation


May 13, 2006

Unified Commencement
New Orleans Arena
9:30 am
www.grads.tulane.edu

Engineering Commencement
McAlister Auditorium, Uptown Campus
1:00 pm
www.eng.tulane.edu

June 2, 2006

Tulane Engineering Forum
"Engineering in a Coastal Environment"
New Orleans Hilton Riverside
8:30 am - 5:00 pm
www.eng.tulane.edu/tef



Questions or inquiries
may also be directed to
bhogue@tulane.edu