TULANE WINS
NATIONAL SWE AWARDS

Interim Dean Mike Lynch with Joe Sullivan, recipient of the Outstanding Alumnus Award.

Two outstanding Tulanians were honored at the Society of Tulane Engineers Homecoming Brunch and Annual Meeting held on Saturday, October 16, 1999. A record crowd attended the jazz brunch at the City Energy Club as Rebekah Henson Kraus, STE President, called the meeting to order.

Interim Dean Mike Lynch presented George Joseph Sullivan, a 1950 civil engineering graduate, with the School of Engineering’s Outstanding Alumnus Award. Joe Sullivan began his higher education at Tulane after serving in the U.S. Navy during World War II.

Sullivan’s professional career has consisted of forty-nine years of management in the design, planning and supervision of engineering projects. Because of his leadership skills, in 1972 Mr. Sullivan was offered, and accepted, the position of General Superintendent of the New Orleans Sewerage and Water Board. As the top engineer for the Sewerage and Water Board, Sullivan oversees the day-to-day operations, engineering, and maintenance of possibly the most comprehensive water-drainage system in the United States.

Sullivan has gained public support for tax millage and rate increases by acquainting the public on the Board’s position involving the flooding problems in New Orleans. He has worked with state legislators in an effort to obtain capital outlay funding to aid in financing drainage system improvements. Dr. Jack Grubbs (chair, civil engineering department) had this to say about the recipient. “Were it not for Joe Sullivan, and those who have shared his vision in past days, the City of New Orleans would be in an untenable situation relating to flooding.”

Matt Yates, the recipient of the 1999 Harold A. Levey Award, is a 1994 Tulane graduate having earned a BSE magna cum laude with honors in chemical engineering. His performance in academia has been outstanding. He is currently a postdoctoral fellow at Los Alamos National Laboratory.

[CONTINUED ON PAGE 7]
DEAN’S MESSAGE

It is a pleasure to report on the excellent health of the Tulane School of Engineering. Once again our incoming freshman class sets very high academic standards. The Tulane Engineering degree remains a symbol of academic excellence. This year’s entering class has combined SAT scores (verbal plus quantitative) of over 1330, the highest in our history and the highest of any school at the university.

It is also my pleasure to announce that Dr. Nick Altiero will begin as the new Dean of Engineering on June 1, 2000. Dr. Altiero is the chairperson of the Department of Material Science and Mechanics at Michigan State University. He has a distinguished record of education, research, and university administration. His research work in mechanics includes studies of rock fractures and modeling cartilage. We are delighted to have Nick come as dean and we are looking forward to welcoming Nick and his wife Amy to New Orleans and the Tulane Engineering family.

In other news, Provost Martha Gilliland, a member of the faculty in environmental engineering, is leaving Tulane and the School of Engineering to become Chancellor of the University of Missouri at Kansas City. This is not only a great honor for her, but also for Tulane, because it reflects so positively on the people at Tulane.

As a part of new accreditation procedures in the United States, we will be sending a survey to all alumni and alumnae. Basically, new procedures require that we maintain contact with our graduates, with what they are doing professionally, and furthermore, that we show our programs address the professional needs of our graduates. Because the survey results are now an important part of our accreditation documentation, I encourage all graduates to respond to this survey.

Finally, I want to thank everyone that I have worked with as Interim Dean of Engineering since Dean Van Buskirk left in October 1998. One of the most enjoyable parts of the experience was the chance to meet and work with so many wonderful people in the Tulane Engineering family. It has been a great experience, and has led me to realize the great strength of Tulane Engineering is in its students, graduates, faculty and staff, and therefore, that its future is bright.

Paul Michael Lynch
Interim Dean of Engineering

LEON KLEIN SCHOLARSHIP

The Leon Klein Scholarship has been established during the past year, the funds from which will be used to provide scholarship support to deserving students in need of financial assistance in the school of engineering. Mr. Klein reported that he made this gift in grateful appreciation for the financial scholarship and outstanding education he received from Tulane and that he plans to continue adding to the initial endowment.

Mr. Klein received a bachelor of engineering degree in electrical engineering from Tulane in 1940. While attending Tulane, Mr. Klein was active in Tau Beta Pi (honorary engineering fraternity) and the American Institute of Electrical Engineers, Tulane Student Branch. Mr. Klein was an electrical engineer with the U.S. Government and with General Electric Corporation, and is now retired.

ENGINEERING FACULTY MEMBERS HONORED

On May 12, 1999, at a reception in the University Center, Dr. Jack Grubbs, chair, civil engineering department, Dr. Kyriakos Papadopoulos, chair, chemical engineering department, and Dr. Kim O’Connor, professor, chemical engineering, were honored as recipients of the Tulane Award for Excellence in Undergraduate Teaching. Presenting the awards were President Scott Cowen and Provost Martha Gilliland.
SOCIETY OF TULANE ENGINEERS SENIOR AWARDS BANQUET
HONORS OUTSTANDING GRADUATES

The Annual Senior Awards Banquet for 1999 was held on April 21, 1999, and outstanding graduating seniors were honored. Awards were given for scholastic excellence with some geared to a special interest of the donors and some for activities in various professional societies.

The recipient of the “Samuel L. Sullivan, Jr. Student Award for Service and Scholarship” was Krista Michelle Brandt. This year’s recipient of the STE “Lee H. Johnson Award for Teaching Excellence” was Dr. Michael C. Larson of the mechanical engineering department. Paul George, president of the Engineering Student Council, presented the “Outstanding Staff Award” to Laurie Orth. The student council honored staff member Mary Enright with a plaque in appreciation for years of dedicated service.

![Students graduating with an average between 3.8 and 3.899, (left to right) Jill Tassin, Alan Cheshire, Eric Aiken, Omar Al-Amudi, Patrick Becson, Paul George, Eric Harry, Kimberly Horn, Annette Lindblom, Jeffrey Meier, Jonathan Okie and James Wall. (Not pictured: Robert DeGobbi and Catherine Sepponen)](image1)

Interim Dean Mike Lynch with students graduating with an average of 3.9 or better. (left to right) Aaron Kirtley, Richard Beckman, Jeremy Shaffer, Roger Farish and Lee Lovejoy. (Not pictured: Adam Miller)

CIVIL ENGINEERING CLASS OF 1972 CELEBRATE REUNION

In early spring of this year, Skip Reasley contacted the dean's office and asked for help in arranging a weekend reunion for the Civil Engineering Class of 1972 that would coincide with homecoming weekend. You'd think Skip would have little time to devote to this type of endeavor, since he spends most of his time in the air piloting Federal Express jets to South America and the Middle East. His efforts paid off with a fun-filled weekend with approximately seventeen former students and wives in attendance.

The parties began with a picnic on the civil engineering patio hosted by the dean's office and a tour of the engineering school led by Dr. John Niklaus. An enthusiastic group posed for the photograph to the right that was a reenactment of a photo taken during their senior year.

Several professors who had taught this class were in attendance at most of the functions. Included were Dr. Bob Bruce, Dr. John Niklaus, Prof. Walter Blessey and Prof. John Martinez. The highlight of these activities, at which all of the above professors were present, was the Friday night dinner at Charlie's Steak House. Sources say they closed the restaurant down after many toasts and tales of their days spent at Tulane.

Saturday morning came much too early for these men, but they somehow found the energy to attend, along with their wives, the annual STE Jazz Brunch. After the brunch, they were treated to a party in a fellow classmate's suite at the Dome where they watched the homecoming game. The French Quarter awaited them after the game and it was reported that some might have even played golf on Sunday.

An announcement was made during the last event that another reunion will be planned for the year 2004 in Orlando.

![Civil Engineering Class of 1972 at reunion held during homecoming weekend.](image2)
I would like to impart a friendly greeting to all engineering alumni and I would also like to thank you for your continued support of the STE. I would like to extend a special thanks to the staff in the engineering dean's office for their outstanding service to our organization throughout the year.

Y2K...the buzz word of 1999. Everyone is scrambling around making sure that their systems are "Y2K compliant" and that their processes will operate smoothly right through the new year. In general, it is a wonderful time for us to reflect on what we can do to better serve the engineering alumni and the engineering school. As we enter the next century, we need to become a stronger, more assertive, streamlined organization. There are actions that we can take now that will help accomplish this.

First, we would like to form an STE advisory board consisting of past officers who would act in a supporting role to the rotating officer corps. Should a current officer be unable to perform his/her duties, a member from the advisory board could step into the role. Second, we want to better define the roles and responsibilities of the STE officers. For example, each STE officer should be assigned a task, such as organizing an engineering forum, organizing our annual banquet, and keeping our website and email database current. The office of treasurer should be extended to a 3-4 year post. By eliminating the yearly turnover in this post, we hope to achieve improved consistency and response time on depositing and acknowledging your annual dues. Lastly, we would like to see our members become more involved with the students and the school. The engineering student body organization is establishing a big brother/sister program. This is a great way for alumni to share their experience and guidance with "up and coming engineers."

All of these actions are intended to help keep the alumni and students better networked, educated, and informed. I can assure you that the STE officers, in conjunction with the Dean of Engineering, will be hard at work this year developing these ideas further and beginning to implement some of these changes. We are looking forward to bringing our organization to the next level and we need your help. If anyone is interested in having a larger role in the STE or if you have questions or comments, please do not hesitate to contact us. We can be reached through the dean's office at (504) 865-5764 or our website, http://www.tulane.edu/~ste/.

Rebekah Henson Kraus

**DEPARTMENT NEWS**

**Dean's Office**
Interim Dean Mike Lynch is the recipient of The Louisiana Engineering Foundation's "2000 Engineering Faculty Professionalism Award." This award is given annually to an engineering faculty member in each engineering school in Louisiana with EAC/ABET accredited programs.

Statthys Michaelides, Leo S. Weil Professor and Associate Dean for Graduate Studies and Research, gave a plenary lecture on "Analogies Between the Transient Equations of Motion and Energy/Mass Transfer from Spheres," at the International Conference on Recent Advances in Multiphase Flow, in Stawiska, Poland, in June.

Deborah Case is the school's new development officer. She has more than ten years experience in development.

**Biomedical**
Dr. Kirk J. Bundy presented "Measurement of Fibroblast and Bacterial Detachment from Biomaterials Using Jet Impingement" and "The Effect of Corrosion Product Composition and Chelation on Toxicity" at the annual meeting of the Society of Biomaterials, held in Providence, R.I., April 28-May 2, 1999.

Dr. Donald P. Gaver has been promoted to full professor. He was invited to speak on "The use of surfactant to modify interfacial flows and stresses during pulmonary airway reopening" at the 4th World Congress of Biomechanics in Sapporo, Japan, in July 1998.

Dr. Gaver was also an invited speaker at the Institute of Mathematics and its Applications in Minneapolis, MN, where he presented "The influence of surfactant interactions on pulmonary mechanical behavior" at a biofluid mechanics symposium during January 1999.

**Dr. Glen Livesay** has received the Oak Ridge Associated Universities-sponsored Ralph E. Povey Junior Faculty Enhancement Award for his proposal, "Determining the Microstructural Environment within Soft Biological Tissues."

**Chemical**
Dr. Daniel C. R. DeKeer has been promoted to full professor.

Dr. Kim O'Connor has been awarded a Newcomb Fellows Grant which funds a lectureship to recognize outstanding achievements in chemical engineering and related fields by women professionals. The Newcomb Fellows program provides grants to promote the education of women and foster faculty and student collaboration.

**Civil and Environmental**
Dr. Reda Baker has been promoted to full professor.

Dr. Glen Boyd has been appointed assistant professor for the environmental engineering program. Dr. Boyd is a graduate of Tulane with a bachelor's degree in chemical engineering and a master's degree in petroleum engineering. He received his doctorate in environmental systems engineering from Clemson.
University. Dr. Boyd has over 12 years of professional experience in petroleum engineering, hazardous waste cleanup and materials management, and drinking water quality and treatment design. He teaches senior year environmental engineering design courses and graduate courses in drinking water quality and groundwater contaminant fate and transport.

Dr. Boyd recently completed a research project entitled “Lead Pipe Rehabilitation and Replacement Techniques” sponsored by the American Water Works Association Research Foundation and presented his findings at the 1999 annual meeting of the New Orleans chapter of the American Society of Civil Engineers in Kenner, LA.

Dr. Bob Bruce received a $387,150, two and one-half year contract from the Louisiana Department of Transportation and Development and the Louisiana Transportation Research Center. The project is entitled “Fatigue and Shear Behavior of HPC Bulb-Tee Girders.”

Dr. John “Jack” Grubbs has been appointed Special Assistant to the President and Chair of the Undergraduate Education Council. This interim appointment became effective on February 1, 2000.

Dr. Laura Steinberg received a $241,000, two-year grant from the Urban Initiatives Cross-cutting Program of the National Science Foundation. The program is entitled “Natural Disasters and Industrial Activities in the Urban Environment: Potential Impacts of Joint Events and Preparedness for Industrial Accidents Caused by Natural Disasters.”

Dr. Ronaldo Luna is co-investigator.

**Electrical Engineering and Computer Science**

Dr. Parviz Rastgoufard, Chair of the EECS Department and the Entergy Chair in Electric Power Engineering, is presently serving as the principal investigator on an Entergy/Tulane research grant to study the impact of adding generators by independent investors in the deregulated power industry.

Several Entergy employees are attending graduate evening classes offered by the department of electrical engineering and computer science. The first part-time Tulane student/Entergy employee is anticipated to graduate in December 2000. For more information regarding the special tuition waiver for industry employees and obtaining graduate degrees in EECS while working at industry, please contact Parviz Rastgoufard, professor and chair of the department.

Dr. Boumediene Belkhouché has been promoted to full professor.

Dr. Bill Buckles received a one-year grant from NASA Ames: Neural Nets and Evolutionary Algorithms. He also served as General Chair of the 19th IEEE International Conference on Distributed Computing Systems held in Austin, TX during June 1999.

Drs. Sergey Drakunov, Dr. Enrique Barbieri, and Dr. Fernando Figueroa (mechanical engineering) were awarded the three-year grant “Welding: Nonlinear Control of a Distributed Parameter Process” by the National Science Foundation.

Dr. S. T. Hsieh has been awarded at least a two-year one-million dollar extension grant by the U. S. Department of Energy to fund the activities of the US/China Energy and Environment Technology Center (EETC), managed by the US/China Institute of Tulane University. Dr. Hsieh is serving as director of the center.

Dr. Cris Koutsougeras was awarded a grant in June from NASA to develop concepts for processing the large number of images being received from satellites in conjunction with the Earth Observing System.

Dr. Bill Buckles is co-investigator. In conjunction with his research they presented “Nicheing in an ES/EP Context” at the Congress on Evolutionary Computation in Washington, D.C. in July.

Dr. Koutsougeras, Dr. Buckles and Dr. Rocío Alba-Flores presented a paper entitled “Content-based Search Prototype for Image Databases” at the IEEE Meta-Data Conference in Bethesda, MD in April 1999.

Dr. Fred Petry has been awarded three grants: Intelligent Database Agents for Geospatial Knowledge Integration and Management, National Imagery and Mapping Agency; Fuzzy Sets and Cultural Theory: A Methodology for Including Personal Choice in Integrated Assessment Models, NIGEC (DOE); and Healthcare Database Linkages and Knowledge Discovery, SPHTM Institute for Health Services Research.

Dr. Petrý, Dr. Buckles and Dr. Adnan Yacizi published the article “Uncertainty in a Nested Relational Database Model” in the March issue of Data and Knowledge Engineering and “Handling Complex and Uncertain Information in the ExIFO and NF2 Data Models” in the December issue of IEEE Transactions on Fuzzy Systems.

Dr. Brij Singh has joined the department as of January 1, 2000. His area of specialty is in power electronics and he is presently in the process of establishing a patent in Three Phase Pulse Width Modulation of AC/DC Interleaved Converter for Telecommunication Supply Systems.

**Mechanical**

Dr. Morteza Mehrabadi, Acting Chair of Mechanical Engineering, has been appointed to the Editorial Board of the Journal of Mechanics of Materials.

Dr. Fernando Figueroa has received two grants: One from CBR to study Models with Embedded Intelligence and the other from NASA-EPSCoR (DGAP Program) to investigate Facility Health Monitoring Using Highly Autonomous Sensors.

Dr. Calvin Mackie has received a three-year grant for $286,000 from the Louisiana Department of Natural Resources. The grant is entitled “The Applicability of Photovoltaics Roofing Shingles in Louisiana” and will fund undergraduate and graduate research. Dr. Mackie and Tulane Mechanical Engineering Alumnus Benjamin Thomas (ME’97) have been awarded a patent by the U. S. Patent Office for a safety device to retrofit the overhead compartment on commercial Boeing 737 and 757 airplanes to keep luggage from falling out when the compartment is reopened.

Dr. Asher A. Rubinstein was invited to give a keynote lecture at the International Conference on Integrity, Reliability, and Failure at the University of Porto, Portugal in July 1999. His lecture was entitled “Influence of the Interface on the Strength and Toughness of Composites.” Dr. Rubinstein has been awarded a sabbatical leave for the Spring 2000.

Dr. David J. Sailor has been awarded tenure and promoted to the rank of associate professor.

Dr. Robert G. Watts has been invited to give the prestigious Hawkins Memorial Lecture at Purdue University for the year 2000. The lecture, which is scheduled for April 6, 2000, is entitled “Innovative Engineering Solutions to Global Warming.”
LOUISIANA'S FIRST HPC BRIDGE COMPLETED

When the new Charenton Canal Bridge on I-127 in St. Mary Parish opened to traffic in early November, the occasion marked the introduction of Louisiana's first bridge structure built with High Performance Concrete (HPC).

"The completion of the Charenton Canal Bridge opens a new era of bridge construction in Louisiana," said Dr. Kam K. Movassaghi, secretary of the Louisiana Department of Transportation and Development (LA DOTD). "Using HPC and other materials that improve the quality of our infrastructure will help us achieve our goal of being one of the country's top state departments of transportation. More importantly, it will allow us to provide the people of Louisiana with a transportation system they can be proud of."

According to Paul Fossier, P.E., Bridge Engineer Manager with LA DOTD, HPC is not your typical concrete. "High Performance Concrete is basically defined as concrete engineered to make it more durable and stronger than conventional concrete," he said.

The key to engineering HPC is to reduce the permeability of the concrete itself by adding various mineral and chemical ingredients called "admixtures." Admixtures cause the concrete to become more tightly packed and thus more resistant to deterioration.

Although slightly more expensive than conventional concrete bridges, HPC bridges are actually economically superior in the long run because they use fewer structural members, span greater distances and support heavier loads. In short, they last longer.

"Design life for structures using HPC has been estimated at 75 to 100 years," explained Fossier. In contrast, design life for "normal concrete structures has been estimated at 50 years."

Presently, the cost of HPC is about 15 percent higher than conventional concrete because it is still used in relatively few bridges. Fossier expects the cost of HPC to decrease in the foreseeable future, however, as contractors and fabricators grow accustomed to the material.

According to Chris Lissard, the project's resident engineer with LA DOTD's Lafayette district, the Charenton Canal structure became the first HPC bridge in Louisiana due to the right combination of scale and timing. When the project was let for bid in July 1998, LA DOTD was "looking for a project about this size," said Lissard. "With a new process like this, you don't want to begin with too large a project," he explained. "I guess it came along at the right time." The 365-foot-long bridge has five 73-foot prestressed concrete spans.

Although the bridge is the first of its kind in Louisiana, its construction posed few challenges. "There was (just) a little more testing involved and additional permeability requirements," Lissard said.

According to Fossier, HPC is new to Louisiana only in terms of its practical application in a bridge project. HPC research has been ongoing in the state for nearly 20 years. "We have been involved in design and research in High Performance Concrete structures since the early 1980's," Fossier said. "This project is a culmination of our efforts...and will be continuously monitored for research by the Louisiana Transportation Research Center (LTRC)," a joint venture of LA DOTD and Louisiana State University.

Individuals involved in the design, construction and research of the bridge project include Fossier and Lissard of LA DOTD; Masood Rasoulian, Craig Duos, John Eggers and Randy Young of LTRC; and Dr. Robert Bruce and Dr. Henry Russell of Tulane University. Their work has not gone unnoticed. The bridge was showcased this past summer at the International Bridge Conference in Pittsburgh and in two presentations in Europe. It will also be featured in the March 2000 issue of the journal High Performance Concrete next September in Orlando.

[CONTINUED ON PAGE 7]
OUTSTANDING, continued from page 1

After Tulane, Yates attended the University of Texas at Austin where he received a master of science in engineering in May 1998 and a Ph.D., chemical engineering, in the spring of 1999. His publications include numerous journal articles and proceedings contributions, and a book chapter “Microemulsions, Emulsions, and Latexes in Supercritical Fluids” in Chemical Synthesis in Supercritical Fluids, P. Jessop, Ed., Wiley-VCH Publishers: in press.

LOUISIANA, continued from page 6

“Since this project has gone so well, we are planning three more bridges using HPC,” noted Fossier. The projects, with proposed letting dates in parentheses, include the US 165 Union Pacific Railroad Overpass in Jefferson Davis Parish (October 2000), the US 90 Rigolets Pass Bridge and approaches in Orleans Parish (February 2001), and the I 10 Overpass at LA 27 in Calcasieu Parish (April 2001).

The Charenton Canal Bridge was constructed at a cost of $2.6 million. Coastal Bridge Company, Inc. of Baton Rouge was the project’s general contractor. Subcontractors Gulf Coast Pre-Stress Partners, Ltd. of Pass Christian, Miss., and Baldwin Realty Mix Concrete of Baldwin did the precast concrete and cast-in-place concrete work. Construction began on October 5, 1988. The bridge was opened to traffic on November 4, 1999.

(Dec. 3, 1999 News Release issued by the Louisiana Dept. of Transportation and Development. Reprinted for the STE Newsletter with the permission of Matthew Veazey of LA DTD.)

IN MEMORIAM

William Samuel Adams (CE’44)
Edward Lionel Andrus, Sr. (non-grad’35)
Alan A. Aswad (E’51)
Jerome Claudius Baehr (CE’31/40)
David Pegues Boone (E’51)
Thomas J. Bryson, Jr. (ME/BE’30)
Milton E. Burdine, Jr. (non-grad’59)
Sidney L. Cauvin, Jr. (E’52)
Rohnol C. Chancy (ME’51)
Marquette E. Dust (E’50)
Faurie Eugene Ferchaud (EE’42)
John V. Gaudet (non-grad’21)
George Hutton Geisert, Jr. (non-grad’43)
Robert Anthony Generes (ChE’48)
Charles Frederick Gund (CE’34)
Howard J. Hansen (CE’39)
Frederick F. Hebert (ChE’36)
George Putnam Hinds, Jr. (ChE’38)
James Johnston Howe (ME/EE’35)
William O. Hudson, II (CE’42)
George A. Isaac, Jr. (ME’48)
Brent M. Johnson (ChE’29)
Melvin Joseph Jung, Jr. (ME’47)
William J. Kearney, Jr. (non-grad’18)
William Edward “Dodd” Klein (non-grad’62)
Samuel Pierre Landry, Jr. (CE’56)
Leon Charles Leonard (ME’51)
Randall D. Lewis (non-grad’57)
Edward J. McNamaara, Sr. (E’39)
Louis S. Miller (ME’49)
Arthur R. Parr (non-grad’53)
Irwin A. Raben (CE’42)
Paul Henry Ramos (ChE’39)
Joseph Santos Riorda (EE’38)
Edward R. Robertson (ME’48)
Jules J. Rouquette (ME’51)
James Hurley Runnels, Sr. (non-grad’54)
Bernard E. Shields (non-grad’46)
Stephen E. Steinke (CE’64, MS’65, PhD’69)
Homer Mitchell Stockmann (E’77)
Gordon E. Stone (CE’48)
Charles E. Strong (ChE’41)
Thomas Lee Whaley, III (non-grad’71)
William Horace Williams, Jr. (non-grad’37)
Raiford Michell Ziegler, Sr. (ME’47)

Memorial donations to a general engineering scholarship are welcome.
The Class of 1949 was well represented during commencement in the spring. Many of the members arrived on campus Thursday, May 13, for the Emeritus Club Luncheon. Later that afternoon they were treated to a crawfish boil at the Alumni House.

Up early the next morning, they arrived at the Superdome for the university-wide commencement and school of engineering ceremony, at which time they received 50-year certificates. With little time to rest, they were back at the school of engineering for their evening festivities. For three hours old acquaintances were renewed, good food and drink were enjoyed, and quite a few couples were dancing to the

[CONTINUED ON PAGE 9]
music of Harry Connick, Sr., as if they were back at the St. Patrick’s Dance in 1949. In fact, both St. Pat Don Lagarde and St. Patricia Mrs. Bob (Gayle Schwarzenbach) Longmire were in attendance.

Thanks to the hard work of Frank Dalia and Al Diamond, the School of Engineering’s First Annual 50-Year Class Reunion Golf Tournament was held on Saturday morning at the Bayou Oaks Championship Golf Course. Tournament champions, with a net 60, were the chemical engineering team of Angelo Graci, Bob Longmire and Jim McCrary. Tied for second with a net 62 were the civil engineering team of Frank Dalia, Al Diamond and Bill Weidner and the team of mechanical engineers Doug Douglas, Joe Maloney, and Architect Al Saputo. Closest to the hole contest was won by Al Diamond.

A special thanks goes to Bob Longmire for helping to make the reunion so successful. He worked diligently contacting class members and obtaining pictures and biographical information that resulted in a “first class” reunion booklet, which he mailed to each member.

**CLASS OF 1950 – LET’S TOP THAT IN 2000!** If any of you are golfers and would like to arrange the Second Annual Golf Tournament, please get in touch with Barbara Hogue in the Dean’s Office. Barbara can be reached at (504) 865-5764 or by email at bhogue@mailhost.tcs.tulane.edu.

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“Above (From left) Kay Lynch, Gail and Bob Longmire, and Interim Dean Mike Lynch at 50 Year Reunion.

Several reunioners take time from festivities to pose for a group photo. They are (seated, from left) Angelo Graci, Evelyn Graci, Mary Ann Landry, Al Landry, (standing, from left) Flora Landwehr, Joe Landwehr, Jim McCrary, Gayle Longmire and Bob Longmire.

Celebrating at the 19th hole.
James S. Janssen (CE’31) retired from Waldemar S. Nelson Company in February 1999 after 68 years of professional engineering practice.

Waldemar S. Nelson (EE’36) is a proud grandfather these days, so states The Times Picayune in an article appearing in August. His grandson, Luke Roniger, played the part of Harry the Horse in a performance of Tulane University’s Little Lyric Theatre’s “Guys and Dolls.”

Irvin J. Rome (ME’38) has a new email address Teeboug@msn.com. He is considering moving from Gainesville, Florida to be near daughters, either in Seattle or Madison, Wisconsin.

Donald E. Jahncke (ME’39) has retired from teaching manufacturing strategies at the University of Michigan College of Engineering after five years of a very enjoyable “second” career.

Capt. Alwyn Smith, Jr. USN (Ret.) (ME’41) writes: “Your newsletter is always most welcome. I have been retired for quite some time so it is a pleasure to hear from my schoolmates and classmates. Keep up the good work.” The editors thank Capt. Smith, for those kind words and we encourage all of you to let us know what you’re doing so we can share it in the newsletter.

Irwin Frankel (ChE’42) is retired but continues to do consulting work on a part-time basis. He would welcome hearing from old acquaintances, especially if they are visiting in the Washington, D.C. metro area. He resides in Annandale, Virginia.

S. Kenan Manson, Jr. (CE’42) of Metairie, LA reports that he is now retired after a unique career for a civil engineering graduate. After 3 years with the Navy, he began his general construction career with R.P. Farnsworth & Co. and was there for 2 years. For the next 14 years he worked as a specialist in marble and granite construction with King & Co. and 20 years with Manson Marble & Granite Co., while also forming The Stone Center, Inc. in 1935. His son-in-law now runs the company. He has served as president of the Marble Institute of America and the Building Stone Institute. Retirement activities consist of computerized genealogy programs, annual travel to Europe, and a little golf. He and his wife, Nadyne Gibbs Steenmayer (N’45) have been married for 56 years. They have three children and five grandchildren.

Alvin G. Gottschall (ME’43) informed us that in the last issue of the newsletter the email address for information on his book “GROWING UP IN NEW ORLEANS” was incorrect. We apologize for this error and ask that you please make note of the correct address: www.siteseone.com/books/gottschall.

Edward G. Holmes (EE’44) is taking humanities courses at Emory Senior University. He and his wife recently spent three weeks in Northern Spain with the International Elderhostel Group.

Felicien Gus Perrin (ME’46) reports that he is still active managing Perrin & Carter, Inc. and has no plans to retire.

Frank J. Basile (ME’47) recently designed and prepared construction drawings on the Tug “Point Clear” which was delivered to Crescent Towing of New Orleans — This is a “Z- Peller” harbor tug that has a certified bollard pull of 1,500,000 pounds. This is the second tug delivered to Crescent Towing by Mr. Basile, the first being a conventional 4,000 h.p. harbor tug.

Chester A. Peyronnin, Jr. (ME’47) and his wife, Shirley, have received a 10-year award as Advanced Animal Handlers from the Audubon Zoo. They work in the Children’s Zoo where they give demonstrations of birds of prey, large lizards and snakes, and domestic animals, as well as wild mammals.

Robert A. “Bob” Longmire (ChE’49) writes that he attended the 50th Reunion of the Class of 1949 and enjoyed renewing friendships with over 30 of his old classmates.

This past spring, Herbert T. Thurber (ChE’52) of Destrehan, LA was named the St. Charles Rotary Club’s 1998-99 Citizen of the Year. Thurber, a retiree of American Cyanamid, has served his community in many ways. He was 1984-85 president of the United Way of St. Charles and has served as campaign chairman and board member. Currently he is a member of the United Way’s Allocations and Funding Committee. He is also a board member of the St. Charles Council on Aging, board member of the Jefferson Performing Arts Council, and a member of the St. Charles Parish Economic Development Council. He and his wife, Bonnie, have nine children.

James L. Kelly (ChE’54) has retired from the faculty of the University of Virginia with the rank of Professor Emeritus of Nuclear Engineering. He joined the U.Va. faculty in 1964 as associate professor and was promoted to professor in 1972. For five years (1991-96) he was Assistant Dean for Undergraduates in the School of Engineering. He would enjoy hearing from classmates. Email him at Tulane54@aol.com.

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Donald E. Jahncke (ME’39) has retired from teaching manufacturing strategies at the University of Michigan College of Engineering after five years of a very enjoyable “second” career.

Capt. Alwyn Smith, Jr. USN (Ret.) (ME’41) writes: “Your newsletter is always most welcome. I have been retired for quite some time so it is a pleasure to hear from my schoolmates and classmates. Keep up the good work.” The editors thank Capt. Smith, for those kind words and we encourage all of you to let us know what you’re doing so we can share it in the newsletter.

Irwin Frankel (ChE’42) is retired but continues to do consulting work on a part-time basis. He would welcome hearing from old acquaintances, especially if they are visiting in the Washington, D.C. metro area. He resides in Annandale, Virginia.

Edward G. Holmes (EE’44) is taking humanities courses at Emory Senior University. He and his wife recently spent three weeks in Northern Spain with the International Elderhostel Group.

Felicien Gus Perrin (ME’46) reports that he is still active managing Perrin & Carter, Inc. and has no plans to retire.

Frank J. Basile (ME’47) recently designed and prepared construction drawings on the Tug “Point Clear” which was delivered to Crescent Towing of New Orleans — This is a “Z- Peller” harbor tug that has a certified bollard pull of 1,500,000 pounds. This is the second tug delivered to Crescent Towing by Mr. Basile, the first being a conventional 4,000 h.p. harbor tug.

Chester A. Peyronnin, Jr. (ME’47) and his wife, Shirley, have received a 10-year award as Advanced Animal Handlers from the Audubon Zoo. They work in the Children’s Zoo where they give demonstrations of birds of prey, large lizards and snakes, and domestic animals, as well as wild mammals.

Robert A. “Bob” Longmire (ChE’49) writes that he attended the 50th Reunion of the Class of 1949 and enjoyed renewing friendships with over 30 of his old classmates.

This past spring, Herbert T. Thurber (ChE’52) of Destrehan, LA was named the St. Charles Rotary Club’s 1998-99 Citizen of the Year. Thurber, a retiree of American Cyanamid, has served his community in many ways. He was 1984-85 president of the United Way of St. Charles and has served as campaign chairman and board member. Currently he is a member of the United Way’s Allocations and Funding Committee. He is also a board member of the St. Charles Council on Aging, board member of the Jefferson Performing Arts Council, and a member of the St. Charles Parish Economic Development Council. He and his wife, Bonnie, have nine children.

James L. Kelly (ChE’54) has retired from the faculty of the University of Virginia with the rank of Professor Emeritus of Nuclear Engineering. He joined the U.Va. faculty in 1964 as associate professor and was promoted to professor in 1972. For five years (1991-96) he was Assistant Dean for Undergraduates in the School of Engineering. He would enjoy hearing from classmates. Email him at Tulane54@aol.com.
nience of the Internet, WellBid plans to usher in a new era of prosperity by streamlining outdated business activities, improving cost-efficiency, and offering a venue for on-line procurement.” Mr. Strand is president and chief operating officer of TeraBridge Technologies Corp., a company that develops a call and control software platform to instantly broker a voice, video, or data session over a virtual pathway.

Dr. Donald J. Bagert, Jr. (E’77) was recently promoted to Professor of Computer Science and named Associate Chair of the Department of Computer Science at Texas Tech University.

Jane Kotecki (BME’85) gave birth to her first child, Celeste, on April 24, 1999.

On June 16, 1999, Major Karen Sikorski Bridges (BME’86) became Commander, Detachment 2, 18th Intelligence Squadron, Ocan Air Base, South Korea. She recently completed a tour at headquarters Air Force, the Pentagon, where she worked intelligence, surveillance and reconnaissance issues, both in the intelligence and programming directorates.

Darius Paul Miller (EE’87) and Saralyn Marie Jungman were married on June 5 in Kaufman, Texas. Dr. Miller is an assistant professor of finance at Texas A&M.

Kelly Lamare (CE’88) and her husband welcomed their first child, a daughter, Cheri Marie Lamare McKenzie, on April 30, 1999. Kelly can be reached at Klamare@dot.ca.gov. The family lives in Altadena, CA.

Robert Joseph Frosch (CE’91) and Maria Michelle Tuttle were married on July 10 in West Lafayette, Indiana. Dr. Frosch an assistant professor of civil engineering at Purdue, where he specializes in structural engineering.

Monica Lozano Somerville (ChE’95) and Heath Edward Billingsley were married on March 20, 1999 in New Orleans. She is employed by Shell Chemical Company in Norco as a chemical engineer.

David R. Chandler, M.D. (BME’78) is relocating from Medford, Oregon to join Richard G. Sellers, M.D. (ChE’78, M’82) to practice orthopaedic surgery at Emerald Coast Orthopaedics and Sports Medicine in Pensacola, Florida. Dr. Chandler completed a fellowship in spine surgery at Rancho Los Amigos Medical Center in Downey, California and Dr. Sellers completed a sports medicine fellowship at the Kerlan-Jobe Orthopaedic Clinic in Inglewood, California.

Michael S. Morse (BME’81, MS’82) has completed his fourth “and final” degree. In May he was awarded a juris doctor from the University of San Diego School of Law. While he intends to continue teaching electrical engineering at the University of San Diego, he hopes to practice law in the area of academic civil rights and family law.

FROM DEVELOPMENT

Mark your calendar for Friday, September 22, 2000.
A committee comprised of individuals from the Dean’s Advisory Committee and STE are planning the first Tulane Engineering Forum to be held on September 22, 2000 here in New Orleans.

Since the event is still in the planning stage we can’t announce the speakers or agenda but know that you’ll definitely want to participate.

DO WE HAVE YOUR CORRECT ADDRESS?

If your newsletter was forwarded to you, our records need to be updated. Please e-mail your correct address to dcase@mailhost.tcs.tulane.edu or call Deborah Case at (504) 865-5754
# Upcoming Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>April 26, 2000</td>
<td>STE Senior Awards Banquet</td>
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<tr>
<td>May 18, 2000</td>
<td>Emeritus Club Crawfish Boil</td>
<td>5 to 7 p.m.</td>
<td>Alumni House (Classes of 1950 and 2000 will be honored)</td>
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<tr>
<td>May 19, 2000</td>
<td>Emeritus Club Induction Luncheon</td>
<td>12 noon</td>
<td>Kendall Cram Room Second Floor, University Center</td>
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<tr>
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<td>50 Year Class Reunion</td>
<td>6 to 9 p.m.</td>
<td>Lindy Boggs Building, On Campus</td>
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<tr>
<td></td>
<td>Pre-Commencement Party</td>
<td>7 to 11 p.m.</td>
<td>Gibson Quad, On Campus (Class of 1950 will be able to attend after reunion)</td>
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<tr>
<td>May 20, 2000</td>
<td>Unified Commencement</td>
<td>9:30 a.m.</td>
<td>Louisiana Superdome</td>
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<tr>
<td></td>
<td>Engineering Commencement</td>
<td>1:30 p.m.</td>
<td>Hyatt Regency Hotel, Grand Ballroom (Class of 1950 receiving diplomas)</td>
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(The Class of 1950 will receive more information on the reunion from the dean’s office. If you have questions, please call Barbara Hogue at (504) 865-5764.)