

# Louisiana Engineer & Surveyor Journal

February 2006

Vol. 9 No. 1

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## The Louisiana Professional Engineering and Land Surveying Board at their November 2005 meeting



Left-to-right, standing: Rhaoul A. Guillaume, P.E., Robert E. Eddleman, Timothy J. Allen, P.L.S., Bob J. Green, P.E., James D. Garber, Ph. D., P.E., C.L. Jack Stelly, P.L.S., Mark Jusselin, P.E.

Left-to-right, sitting: Joseph C. Wink, Jr., P.E., Treasurer, Richard I. Durrett, P.E., P.L.S., Chairman, Kenneth L. McManis, Ph.D., P.E., P.L.S., Vice Chairman, Kerry M. Hawkins, P.E., Secretary



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### LOUISIANA ENGINEER AND SURVEYOR JOURNAL

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- 2) All ads must be prepaid. Advertisements with payment should be sent to LES or LSPS by the 15th of the month preceding month of issue.
- 3) Published quarterly, February, May, August and November.

### PUBLICATIONS COMMITTEE

Brenda Gajan, *Managing Editor*

Warren Wilder, *Associate Editor*

Heidi Watts, *Associate Editor*

Ronda Courville, *Associate Editor*

The Louisiana Engineering Society, the Louisiana Professional Engineering and Land Surveying Board, and the Louisiana Society of Professional Surveyors do not guarantee the accuracy of statements made or necessarily concur with opinions expressed in the publication.

# MESSAGE FROM THE CHAIRMAN

Richard I. Durrett, P.E., P.L.S.

As we begin 2006, I would like to wish everyone a happy and prosperous new year. Our prayers and thoughts are with each person that was affected by hurricanes Katrina and Rita. With all working together Louisiana will recover and we will be stronger than prior to the hurricanes.

LAPELS' begins the New Year with some effective changes in our office. The board is proud to welcome our new Executive Secretary, Mrs. Donna Sentell. Donna, who is replacing Mr. Glen Kent, P.L.S. who has retired, is on the job and making some positive changes within the office. If you have a chance to visit or call the office, please take time to meet her. I feel you will be impressed with her skills and philosophy. Her secretary is Mrs. Heidi Watts who has replaced Mrs. Cynthia Fountaine who passed away November 16, 2005. We have added two new employees in the office, Donna Sentell our Executive Secretary and Ms. LeAnn Harbin our office receptionist. The Louisiana Engineering Foundation,

owner of the building we occupy, has replaced the carpet and painted the office areas. Donna has reorganized the office furniture to give it a new and improved look. I think each registrant will be proud of the updates and professional look to the office. Feel free to stop by, take a look and meet the staff members.

As 2005 ended, the board finalized the renewal of the lease for our office space through 2009. We would like to thank Mr. Chris Richard, Mrs. Brenda Gajan, and Mrs. Ann Trappey who represented the Louisiana Engineering Foundation during the negotiations for their cooperation and efforts in renewing the lease.

LAPELS in 2006, under the leadership of Donna Sentell, will be working to better serve our registrants. Our goal is to become more user friendly for each registrant. We continue to offer online renewals and plan to improve our technology by having online applications, updatable registrant information, and features to check an application status.

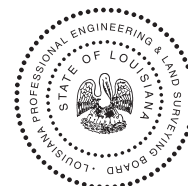


Richard I. Durrett, P.E., P.L.S.  
Chairman

Louisiana Professional Engineering  
and Land Surveying Board

We are continually striving to add new features to our website. One feature recently added is licensure status verification. Please visit our website to view your printable license status as well as changes and improvements to [www.lapels.com](http://www.lapels.com). If you have any suggestions on changes, please feel free to let us know.

*The LAPELS Board and staff shared a moment of silence on November 16, 2005 in the passing of coworker, Cindy Fontaine. Our thoughts and prayers to her family and friends.*



## Board Members

Richard I. Durrett, P.E., P.L.S.  
Chairman

Kenneth L. McManis, Ph.D., P.E., P.L.S.  
Vice Chairman

Kerry M. Hawkins, P.E.  
Secretary

Joseph C. Wink, Jr., P.E.  
Treasurer

Timothy J. Allen, P.L.S.  
James D. Garber, Ph.D., P.E.  
Rhaoul A. Guillaume, P.E.  
Mark A. Jusselin, P.E.  
Ali M. Mustapha, P.E.  
Mark H. Segura, P.E.  
C.L. Jack Stelly, P.L.S.

## Board Staff

Donna D. Sentell  
Executive Secretary

Robert Eddleman  
Director of Enforcement

Heidi G. Watts  
Administrative Secretary/Editor

[www.lapels.com](http://www.lapels.com)

## MARK YOUR CALENDAR

### LAPELS Board Meeting Dates

March 20-21, 2006

May 15-16, 2006

July 17-18, 2006



# FROM THE EXECUTIVE SECRETARY

**Donna D. Sentell**, Executive Secretary



**Donna D. Sentell**  
*Executive Secretary*

**A**s the new executive secretary for the LAPELS board, I bring two firsts: the first woman to hold this job and the first in the post who is neither an engineer nor a land surveyor.

So, you may be wondering what is my background and just what sort of training do I bring to the LAPELS office?

I have a bachelor of arts degree in Political Science, with an emphasis in administration, from the University of Central Oklahoma in Edmond, Oklahoma. My engineering connection comes from my father, Bill Dickerson. After a 40-year career with Western Electric, he is an Emeritus Board member of the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors and is currently serving as the Principal Assistant to the Board.

My husband Will and I have been married for almost 27 years. We have two children, William, 25 and Jeffrey, 21. We moved to Baton Rouge in 2000, after spending 19 years in Jefferson City, Missouri. While in Missouri, I worked for the public school system coordinating the substitute teacher program. Since moving to Baton Rouge, I have had the opportunity to work for the LSU College of Engineering. After five weeks on the job, the board and staff have been helpful, warm and welcoming. I want to make the office even more efficient by:

- making the distribution of work more equitable

- giving staff members more responsibility for their work
- ensuring that all staff members can perform each office task

My other two goals are to emphasize staff development and to nurture employees so they can reach their potential and help make our office the most efficient in state government. Hopefully new ideas and changes in the office will bring about stability, camaraderie and a renewed sense of enthusiasm in helping the board in the work it has been charged to do.

It is a privilege to be a part of Louisiana's effort to license individuals and firms in the field of engineering and land surveying. I am confident that I can bring a fresh approach to office operations in a way that benefits engineers, land surveyors, the board and our staff.

The mission of the board will always be our most important focus. We are public servants and our only agenda is to help the board accomplish its primary responsibility: "to safeguard life, health and property and to promote the public welfare."

We are here Monday through Friday and our office is open to all of you. I would welcome the opportunity to have you come by and see our operation and meet the staff at LAPELS.

## EXAMINATION SCHEDULE

Examinations in land surveying and in the Chemical, Civil, Electrical, Environmental, Mechanical, Structural I, and Structural II engineering disciplines are offered in the spring and fall of each year.

Manufacturing examinations are no longer offered.

Examinations in the discipline of Architectural engineering and Naval Architecture & Marine engineering are offered **ONLY** in the spring of each year.

Examinations in all other engineering disciplines are offered **ONLY** in the fall of each year.

The professional examinations are offered on Fridays, and the fundamentals examinations are offered on Saturdays. Upcoming examination weekends include:

April 21-22, 2006                      October 27 -28, 2006

April 20 - 21, 2007                      October 26 - 27, 2007

For the October, 2006 examination:

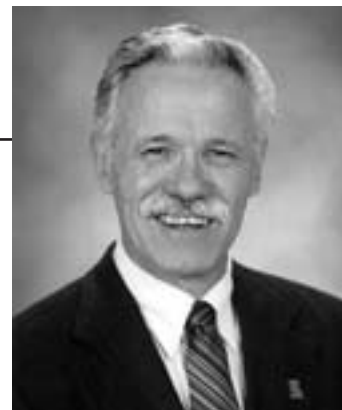
- (1) First-time applications must be received by the Board Office not later than June 1, 2006. The **COMPLETE** application must be received by this date -- incomplete applications may not be processed.
- (2) Applications other than first-time applications must be received by the Board Office not later than August 4, 2006.
- (3) Student Intern applicants must submit the completed application to their Dean of Engineering. They must also register with ELSEs to reserve a seat for the examination and pay the examination fee required by ELSEs.

Professional Engineering examinations are administered in Baton Rouge. The Fundamentals of Engineering examinations are administered in New Orleans, Baton Rouge, Lafayette and Ruston. All surveying examinations are administered in Baton Rouge.





# GOVERNOR APPOINTS NEW BOARD MEMBER



Dr. James D. Garber, Ph. D., PE

**G**overnor Blanco has appointed Dr. James D. Garber, Ph.D., P.E., replacing Dr. Paul N. Hale, Jr., Ph.D., P.E. to the Louisiana Professional Engineering and Land Surveying Board effective August 8, 2005. He will serve the Board for a term of four years. Dr. James D. Garber is a native of Broussard, Louisiana. He is a 1966 graduate of the University of Louisiana at Lafayette with a Bachelor of Science degree in Chemical Engineering. He obtained his Masters of Science and Ph.D. degrees from the Georgia Institute of Technology in 1968 and 1970. He is a licensed professional engineer in Louisiana.

Dr. Garber started his professional career working as a research engineer for Mobil Chemical in Beaumont, Texas. He then worked for Union Camp Corporation in Savannah, Georgia as a process engineer for 3 years, and then accepted a teaching position at UL Lafayette as an Associate Professor of Chemical Engineering. He is currently in his 31st year of service to the university. He is a fulltime professor and has held the position of Head of the Department of Chemical Engineering for 19 years. He is also Director of the UL Lafayette Corrosion Research Center. Dr. Garber served 3 years as assistant to the Dean of Engineering and 1 year as the Acting Dean of Engineering.

In the area of research, Dr. Garber has procured over 1-1/2 million dollars for corrosion research. These funds have been obtained from a variety of areas including Industrial Consortiums, US Army, Department of Transportation, Department of Energy, and LEQSF funding. His area of specialization is the modeling of corrosion processes to provide corrosion failure

predictions. Some of the software produced by the Corrosion Center at UL Lafayette is being used world wide for the prediction of corrosion in gas wells, oil wells, and pipeline systems. He has numerous technical papers and thesis published in this area.

Dr. Garber is an active member of numerous professional organizations. These include the American Institute of Chemical Engineers, Louisiana Engineering Society, National Association of Corrosion Engineers, and Sigma Xi. He served UL Lafayette as President of its Sigma Xi chapter and is the Educational Chairman of the Teche Chapter of NACE.

In 1985, Dr. Garber was awarded the Chevron Professorship in Chemical Engineering. He has been selected on two occasions to receive the LES Professionalism Award and was selected as an "Outstanding Advisor" of AIChE. He is a Distinguished Toastmaster (DTM) and is a former District Governor of Toastmasters in Louisiana. He is a member of Tau Beta Pi, Omega Chi Epsilon, and Phi Kappa Phi.

Dr. Garber and his wife, Judy, of 37 years reside in Lafayette. They have two sons: Scott who is an intellectual properties attorney for Continental Airlines in Houston and Andy who manages research grants at the University of Georgia in Athens. He is an avid bowler who won the state doubles championship several years ago. Dr. Garber sings in his church choir and also enjoys reading when time permits.

## New Registrants: for the Period of October 26, 2005 - January 23, 2006

### Professional Engineers

Ali, Mohamed  
Angelle, Simon Jr.  
Badaczewski, James Joseph  
Bailey, Donald Edward III  
Barbu, Bogdan George  
Barnes, Nathan H.  
Bergman, Donald W.  
Berthelot, Warren Anthony Jr.  
Betancourt, Freddy Jose  
Biller, Michael H.  
Birdsall, Julianne Marcacci  
Black, Michael Patrick  
Bollinger, James Malcom Jr.  
Bourgeois, Birlie Colbert III  
Bozick, Joseph Mark  
Bresee, Jeffery Joseph  
Brown, Neil Joseph  
Budke, James E.  
Bulaciac, Jordan Raquel  
Burbage, George Gregory  
Burke, Lori Lynn  
Buttke, Dirk A.

Buvanendaran, Selvakumar  
Camacho, Amor  
Carmichael, James Stephen  
Chandler, Brian Mallory  
Childress, Anthony Henry  
Coates, Andrew C.  
Cosans, David Joseph  
Crawford, Shawn C.  
Crouch, Russell L.  
Cummings, Robert Bunyan II  
Davis, Brian Scott  
Davis, Joseph Tony  
Demoruelle, David Eric  
Dent, James Raymond  
Depew, James Samuel  
Desormeaux, Ronald Bill III  
Dethlefs, Richard Alan  
Dizinno, John Anthony  
Domingue, Danielle Nicole  
Donmyer, Michael Todd  
Drotar, Mark Lawrence  
Drozdek, John Michael  
Duggar, Charles F. Jr.

Dwyer, Matthew Francis  
El Shamy, Usama Samir  
Eldridge, Josh Michael  
Ellinwood, James Bradley  
English, James Brandon  
Fazeli, Mohamad T.  
Feidler, Lon W.  
Fisher, Jeffrey A.  
Fisher, Van Eugene  
Forsythe, Phillip Alan  
Fultz, Stephen Elliot  
Fyfe, Peter Alexander  
Galinski, John L.  
Garrison, Carlton Harry  
Gibbs, Joe III  
Goodwin, Kurt Michael  
Goodwin, Larry Gene  
Goodyear, W. David  
Greenberg, Jason Bradley  
Gremillion, Ryan Paul  
Griffin, Randall Bryant  
Guo, Shengmin  
Hackney, Louis Alton

Hall, Stephen M.  
Hamilton, Louis Alexander  
Hassan, Gamal Eldin  
Hathaway, Willard Brandt  
Hauser, Erick Donald  
Hayes, Dustin Nicholas  
Hebert, Mark Benedict Jr.  
Helmberger, Stephen A.  
Hendren, Joseph Scott  
Heracklis, Omeros  
Hernandez, Arturo A.  
Holbert, David Harold  
Holland, Dano Sondl  
Hopkins, Perry Allen  
Husley, Brian Woodruff  
Isbell, Bradley James  
Jacobs, Curtis Ray  
Jadid, Salah Eddine  
Jasper, Nicholas Clay  
Jefferson, Melissa Renee  
Jones, Matthew Brian  
Jones, Scott Alan

*continued on page 6*

## New Registrants: for the Period of October 26, 2005 - January 23, 2006

Jordan, James Wesley  
Juneau, Ned Michael Jr.  
Kallberg, Keith Thomas  
Kashmiry, Mohsen  
King, James Michael  
Kleinsorge, Raymond A  
Kowalski, John E.  
Krithivasan, Rajesh  
Kunada, Vijay Kumar  
Kundtz, Alan Joseph  
La Prairie, Richard Green  
Laabs, Jessica Bakum  
Lamore, Michael John  
Lapoint, Richard Bryant  
Lawrence, John H.  
Lax, Rodney Wayne  
Ledger, James Allen  
Leopold, Joy A.  
Lima, Marybeth  
Lloyd, Michael L  
Loizias, Marcos P.  
Longman, Lindsay Conrad  
Lopez, Carl Bruce  
Lopez, Jesus  
Lowdermilk, David Scott Jr.  
Magpantay, Claro Nacu  
Maheswari, Ashok  
Marshall, Angela Longo  
Martin, Emerick V.  
Matthews, Neil F.  
Mc Allister, Charles David  
McCoy, Kevin Lee  
McDonald, Aaron Thomas  
McGinnis, Edward Francis III  
Mcintyre, Michael Gerard  
McMillan, Hugh Dix III  
Medina, Hector L.  
Miller, Charles Alan  
Miller, Frank Joseph II  
Mitchell, Tracy Shane  
Montgomery, Reginald Kent  
Moore, Steven William  
Morgan, Bryan Scott  
Morrison, Jeffrey Paul  
Moskios, Peter Philip  
Murray, Aaron Glenn  
Naik, Maheshchandra G  
Naranjo, Lizandro  
Nehme Harb, Richard Antonius  
Nelson, Peter E.  
Nelson, Richard C.  
Nottingham, Derek Wayne  
Ong, Jerry Ow Yang  
Pastore, John J.  
Paul, Michael Dean  
Paulick, Jerome Donald  
Pelham, Stephen Haines  
Phillips, Paul Gregory  
Phipps, Alan Richard  
Ping, James Kipton  
Powell, Johnathan Christopher  
Rafter, Edward P.  
Ramey, Lilah Turk  
Rand, Christopher Edward  
Ray, Christian Todd Sr.  
Rich, Daniel Joseph  
Robert, Marshall Edward  
Rogers, Michael Christopher  
Roupe, Curtis E.

Ruppert, Henry Charles  
Rusten, Arnfinn  
Ryan, William Karl  
Sanders, John Forrest  
Sandlin, Peter John  
Santander, Diana Margarita  
Schneider, Ronald Anthony  
Seaman, Robert Davidson  
Shafer, Gregory Hamilton  
Singh, Kumar Vikram  
Sitzmann, Matthew John  
Smith, Kevin Christopher  
St.Clair, Tammy Lenor  
Stadler, Michelle M.  
Stanley, Nicholas Daniel  
Stepka, Kenneth Giles  
Stewart, Glenn  
Stoneburner, Thomas Scott  
Szecsy, Richard Samuel  
Tebben, Steven Martin  
Thomas, James Harold  
Tide, Raymond H.R.  
Tompos, Eric Joseph  
Touchette, Scotty Michael  
Toy, Jason Robert  
Tran, Thong Quang  
Tsai, Frank Tsung-Chen  
Turner, Paul David  
Twidwell, Ross Alan  
Utter, Timothy Monroe  
Van Gerve, Donald James  
VanDerostyne, David Andrew  
Wassman, David Michael  
Watley, Tarone  
Wharton, Loyall Ainsley  
Wicker, Keith Joseph  
Wickstrom, Eric Charles  
Wilkes, Patrick Cleveland  
Willis, John D.  
Wood, Jonathan Frank  
Wu, Qiang  
Wynne, Gerald Thomas  
Yeremian, George Jacob  
Young, Jon Harper

### Engineer Interns

Adenariwo, Adeyemi Adeniran  
Allan, Michael Andrew  
Avocato, Vincent Raymond  
Bollinger, Jonathan Paul  
Bottger, Justin B.  
Brannon, Anthony Price  
Braud, Nathan Michael  
Bright, Jason Lee  
Caffarel, Theodore Wade  
Chauvin, Kenneth Joseph  
Cook, Aaron Paul  
Craig, David Douglas  
Dehay, Jennifer Mahealani  
DeLaune, Rachel Marie  
Deshotel, Elizabeth A.  
Dickerson, Lawrence Clifton IV  
Donnelly, Michael John  
Duhon, Jason Gerard  
Easter, Clayton Garrett  
Ellender, Jack Wyatt  
Fields, Adam Joseph  
Flowers, Keith William  
Foster, Richard Ellis III

Genovese, Casey Michael  
Hargis, Clayton Darryl  
Harper, Kristina Killen  
Hauser, Joshua Glen  
Hobbins, Patrick Joseph  
Horne, Christopher Lynn  
Hoyt, Jason Lamar  
Huffman, Benjamin Clark  
Hughes, Christopher David  
Jenkins, James Luke  
Kerwin, Kevin Miles  
Kirkwood, David J. Jr.  
Klein, Kevin David  
Landry, Matthew Burton  
Ledet, William Patrick  
Li, Weizhong  
Miller, Jeffery Scott  
Olinde, Louis Michael  
Ortega, Raquel  
Paille, Derek Clifton  
Peacock, Donald Curtis  
Peng, Wei  
Petrie, Carley Anne  
Plyler, Joe Gary Jr.  
Reins, Nina Janita  
Schneider, Neil D.  
Schonacher, Clinton Michael  
Somme, Michael A  
Wale, Andrew P  
Westland, Gabrielle Jai  
Wilson, Stephen Emmett Jr.  
Yoes, Crystal Blanchard  
Zhang, Chengang  
Zoerner, Arthur Charles III

### Professional Land Surveyor

Breaux, Brandon Shane  
Farrar, Todd Alan  
Gassen, Louis Joseph Jr.  
Howell, William Larry

### Land Surveyor Intern

Anderson, Bradford P.  
Angelette, Neil Bradford  
Ard, Stanley John  
Blanchard, Brett D.  
Boagni, Kenneth III  
Burgess, Ralph Dean  
Coiment, Clint Jason  
Cramer, Lawrence Aloyious Jr.  
Estopinal, Mathew Samuel  
Goodwin, James Cody  
Junius, Nathan John  
Kennedy, Barry Jason  
Marmande, Mitchell John  
Miller, Thomas Supple  
Oncale, Byron Joseph  
Ronkartz, Brian Mark  
Stevens, Chad Michael

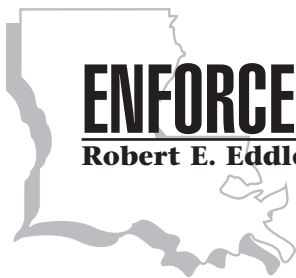
### Engineering Firms

Adamson Engineering, L.L.C.  
Applied Technology and Management, Inc.  
Audubon Bridge Constructors, A Joint Venture  
B & A Engineering and Services, LLC  
Bob D. Campbell and Company

Bracken Engineering, Inc.  
Buford Goff & Associates, Inc.  
Cali & LaPlace Engineers, LLC  
Carpenter Engineering, Inc.  
Childress Engineering Services, Inc.  
Civil Work, Inc.  
Clark Western Design, LLC  
Compton Engineering, Inc.  
Crafton, Tull & Associates, Inc.  
Creative Engineering Group, LLC  
Cuhaci & Peterson, Architects, L.L.C.  
DMJM/CD, A Professional Corporation  
Drebelbis Engineering  
Dwyer Design Group, P.C., A Professional Corporation  
Exponent, Inc. of Delaware  
F.L. Lassiter & Associates, Inc.  
Finley Engineering Group, Inc.  
Finnegan Erickson Associates  
Fisher Tank Company  
Garber Laboratories, Inc.  
Gausman & Moore Associates, Inc.  
Heaslip Engineering, LLC  
HVJ Associates, Inc.  
Klotz Associates, Inc.  
L S Engineers, Inc.  
Michael J. Legleux, L.L.C.  
Milton Engineering Consultants, P.A.  
Parametrix, Inc.  
Pelican Energy Consultants, LLC  
Polaris Engineering, Inc.  
Professional Consultants, Inc. of Indiana  
PS&W Engineering, LLC  
SDII Global Corporation  
Shaw-ABMB, L.L.C.  
Smith Engineering Services, LLC  
Stein Engineers, Inc.  
Stingray Engineering, L.L.C.  
Structures International, L.L.C.  
T. Baker Smith, Inc.  
Tank Industry Consultants, Inc.  
The LPS Group, Inc.  
Thomas & Luth, Inc.  
TransCore ITS, LLC  
UEC Engineering, Inc.  
United Rentals (North America), Inc.

### Land Surveying Firms

T. Baker Smith, Inc.  
TRC Engineers, Inc.



# ENFORCEMENT REPORT

Robert E. Eddleman, Director of Enforcement



Robert E. Eddleman

## BOARD ENFORCEMENT AND DISCIPLINARY ACTIONS

The Board continues to investigate alleged violations of statutes and rules which regulate the professional practices of professional engineering and land surveying in Louisiana. Substantiated violations result in disciplinary action being taken either through Consent Orders or by Board Orders following a formal hearing, at which time the respondent is adjudged guilty of one or more violations.

Below are a summary of actions taken by the Board on closed cases, which have resulted in either a formal or informal disciplinary action.

## PRACTICE OF ENGINEERING AND/OR LAND SURVEYING WITH AN EXPIRED LICENSE

Mr. Michael L. Belcher, P.E. a Louisiana P.E. admitted to the Board that he had unintentionally offered and/or provided engineering services during the period that his license was in an expired status. The licensee's license was renewed and he agreed to a Consent Order in lieu of a formal disciplinary hearing. The licensee has agreed to pay a fine of \$100.00, pay the administrative costs of \$150.00 and to the publication of a summary of this matter by name.

## THE UNLICENSED OFFER AND/OR PRACTICE OF ENGINEERING AND/OR LAND SURVEYING

Dr. Janardanan O. Uppot, P.E. was disciplined by the Board for the unlicensed practice of Land Surveying and entered into a Consent Order agreement with the Board. Dr. Uppot agreed to pay a fine of \$250.00, pay the administrative costs of \$150.00, to successfully complete and pass the Board's Laws and Rules Examination, and to cease and desist the offering and/or providing of Land Surveying services until he is in full compliance of the Board's requirements for licensure, and to the publication of a summary of this matter by name.

Mr. Thomas M. MacMenamin was disciplined for the unlicensed offering and/or providing of Land Surveying Services by incorporating the words Survey Services on the logo of his bank checks. Mr. MacMenamin entered into a Consent Order; wherein, he has agreed to pay the administrative costs of \$250.00, to immediately desist any further use of the words "Survey Services" or any wording that would give the inference of offering and/or providing land surveying services and to the publication of a summary of this matter by name.

## FAILURE TO COMPLY WITH A CONTINUING PROFESSIONAL DEVELOPMENT (CPD) RANDOM AUDIT

Mr. Paul W. Brune, P.E., P.L.S. an Oklahoma resident whom is also licensed in Louisiana, was disciplined for failure to comply with a CPD audit. Mr. Brune failed to respond to the Board's notification of his selection for a CPD audit. After a Formal Hearing, Mr. Brune was issued a Final Decision and Order; wherein, he was assessed to pay the administrative

costs of \$1,200.00, his Engineering and Land Surveying license was revoked, and to the publication of a summary of this matter by name.

## FELONY CONVICTION

Dr. Anthony R. Venson, a Louisiana P.E., was found guilty of the violation of a Federal Felony Statute in the United States District Court, Western District of Louisiana, Lafayette Division. After a Formal Hearing, Dr. Venson was issued a Final Decision and Order; wherein, he was assessed to pay the administrative costs of \$1,431.37, his Louisiana license was revoked, and to the publication of a summary of this matter by name.

## ALLEGED SEALING OF WORK NOT PERFORMED BY A LICENSEE

A sworn formal affidavit of complaint of sealing violations was filed against a Louisiana licensed P.E. by another licensee of the Board. The investigation disclosed the licensee assumed the project and design of another licensee of the Board, and did not follow the Board rules outlining the procedure to assume a project and design of another licensed professional. The licensee entered into a Consent Order with the Board; wherein, the licensee agreed to pay a fine of \$100.00, pay the administrative costs of \$160.30 and to the publication of a summary of this matter without name.

## FAILURE TO SIGN AND SEAL DESIGN DRAWINGS

Mr. Dalton Honore, P.E., P.L.S. a Louisiana licensee, and Krestworth Group, Inc. a licensed firm of the Board were disciplined for failure to properly sign and seal design drawings that were submitted to a client. Mr. Honore entered into a Consent Order with the Board; wherein, he agreed to pay a fine of \$1,000.00, pay the administrative costs of \$259.57, to successfully complete the Board's on Ethics Presentation, to successfully complete and pass the Board's Laws and Rules Examination, and to the publication of a summary of this matter by name. Mr. Honore also entered into a Consent Order with the Board on behalf of Krestworth Group, Inc. It was agreed that Krestworth Group, Inc. pay a fine of \$1,000.00, pay the administrative costs of \$259.57 and to the publication of a summary of this matter by name.

## DISCIPLINARY ACTIONS IN ANOTHER STATE AGAINST A LOUISIANA LICENSEE

Two (2) Louisiana P.E.'s whom were disciplined in other states were sent letters of concern/warning for matters that did not warrant consideration of additional informal or formal action by the Board.

# PRESIDENTIAL PRIVILEGE

By Chris Richard, P.E.

## New Orleans and Lake Charles Chapters of LES Up and Running.

Despite the recent catastrophes, both the New Orleans and Lake Charles Chapters of LES were once again holding their monthly meetings beginning in November. I had the privilege of being at each of the chapter's very well attended meetings in December and I was impressed with the way these two chapters were able to get up and running so quickly after the devastation both areas experienced this past year. New Orleans Chapter President Greg Danielson and Lake Charles Chapter President John Lowery should be commended for their efforts in continuing their work for LES while facing many personal and professional challenges.

Our thoughts and prayers are with all those in and from the impacted areas as they recover from the storms. We know that these areas will recover in no small part because of the strength and resilience of the citizens. Engineers will be looked to and relied on to lead in this remarkable rebuilding. Both the State office and local chapters of the Louisiana Engineering Society will be there to offer assistance as needed.

Both LES and NSPE have offered dues waivers to the members living in the hurricane impacted areas. Check your dues statement for information.

## QBS Process Challenged in Baton Rouge.

The Baton Rouge Chapter of LES was very busy the last couple of months working against a proposed change to the Qualification Based Selection (QBS) Process that has been successfully used for many years.

In addition to basing the selection of design professionals on qualifications, boards were established to select the most qualified firms to perform the work in question. To ensure that the qualifications are evaluated fairly and impartially, the board is made up of design professionals from the various professional and technical organizations, LSU and Southern Universities, as well as the City/Parish Government.

Baton Rouge's Selection Process is

widely regarded as a model process for the selection of design professionals.

In December, ordinances were introduced that would significantly reduce the impartiality of the selection process and undermine the public's trust in government. Although the ordinance did not change the make-up or charge of the selection boards, by using the recommendation of the board as only "one of the factors considered by the Mayor-President in the award of a contract for Professional Services, but shall not be deemed to require that the Mayor-President select the recommended firm or entity", the amendment would have severely weakened the selection process in Baton Rouge. Under the proposed ordinances, design professionals would no longer have been selected based on their ability to perform the work in the best interest of the public's safety and welfare.

The public should feel confident and secure in a selection process that is removed from the political arena and is based solely on qualifications as determined by those most qualified to judge a design professional's qualification, their peers.

LES, led by Baton Rouge Chapter President Gavin Gautreau, joined forces with ACEC/L, ASCE, LSPS, and AIA-LA, and worked diligently to convince the Baton Rouge Metro Council to not abandon their QBS system. On January 11, the Baton Rouge Metro Council voted to delete the proposed changes to the selection process. The Council also decided to set up a committee to look at ways to "tweak" the current process without abandoning the QBS process.

LES, led by the Baton Chapter, in coordination with the other societies involved, will continue to work to protect the selection process in Baton Rouge.

## New Leadership

The LES Nominating Committee is comprised of three past state presidents and each of the eight chapter presidents. The committee is charged with canvassing the various chapters of the state to find the best slate of candidates for the



**Chris Richard, P.E.**  
*Louisiana Engineering Society President*

various state offices. The Nominating Committee met in January with all members of the committee present. The committee nominated an excellent slate of officers for the 2006-2007 year. The nominations are:

President-Elect;

Scotty Baudoin of Lafayette.

Second Vice-President;

Alan Krouse of Baton Rouge

Secretary/Treasurer;

Mike Bares of Alexandria.

State Director;

Greg Danielson of New Orleans.

State Director;

John Lowery of Lake Charles.

The new officers will be joining President-Elect Kevin Crosby of Monroe who will shepherd in the new board at the annual meeting in June. Be on the lookout for the ballots that will be mailed to the membership in March. Please be sure to vote.

## 10th Annual Joint Engineering Societies Conference.

The JESC was held January 26th and 27th at the Holidome in Lafayette. The conference was an overwhelming success, with a record attendance of over 430 people and 21 exhibitors participating. Attendees at the conference were able to get up to 12 hours of continuing education from a choice of 47 different classes.

This year, the Honors and Awards Banquet was held at noon on Friday rather than Thursday night as was traditionally done. The banquet time was moved in an effort to increase attendance. Based on the response we received, it was a good move. The banquet was sold out early and the room was filled to capacity. In addition to the award recipients, this year LES also honored past State Presidents at the Honors and Awards Luncheon.



Sixteen of the past State LES Presidents were recognized for their many years of service to the Society.

We want to thank the speakers and the exhibitors for their participation in this year's conference. Without their support we would not be able to offer the continuing education hours at such a reasonable cost to our members. Please see the list of exhibitors and sponsors in this issue.

Many thanks to the JESC Chairman, Scotty Baudoin; LES Executive Director Brenda Gajan; and the LES staff of Cathy Guidry and Gloria Wiley for doing such an outstanding job in putting on the conference. Thanks also to the many participating societies for their help in getting speakers and exhibitors for the show.



## RECEPTION HONORING LES PAST PRESIDENTS



*Standing left to right; James W. Reeves, P.E., President 1988-89; Dale T. Hunn, P.E., President 1993-94; Blaise M. Carriere, P.E., President 1989-90; Ali M. Mustapha, P.E., President 2003-04; John J. Plaisance II, P.E., President 1998-99; Steven W. Brown, P.E., President 2000-01; August J. Szabo, P.E., President 1970-71; Thomas D. Hixson, P.E., President 1983-84; Philip K. Meyers, P.E., President 2004-05; Bobby E. Price, P.E., President 1987-88; Lloyd G. Hoover, P.E., President 1991-92; Theodore H. Thompson, P.E., President 1999-2000; Glynn P. Gautreau, P.E., President 1992-93; and Ronald J. Rodi, P.E., President 1997-98.*

## EXHIBITORS & SPONSORS

### Exhibitors

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Insituform Technologies, Inc.  
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## LICENSING CEREMONY

The second Professional License Ceremony was held on January 24, 2006 at the State Capitol Building in Baton Rouge. The Louisiana Engineering Society (LES), Louisiana Professional Engineering and Land Surveying (LAPELS) Board, Louisiana Society of Professional Engineers (LSPS), and the American Council of Engineering Companies of Louisiana (ACEC\N) sponsor this collaborative event. Twelve newly licensed engineers and land surveyors and their families from across the state participated in the ceremony.



*Pictured left to right are Chris Richard, P.E., president of LES, David Patterson, P.L.S., president of LSPS, and Richard Durrett, P.E., P.L.S., chairman of LAPELS.*

# SOCIETY NEWS

**By: Brenda Gajan**  
LES Executive Director

## LES OFFICERS & BOARD

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### EXECUTIVE DIRECTOR

Brenda W. Gajan  
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## Calendar of Events

### February, 2006

- 1-26 MATHCOUNTS Chapter Competition
- 10 Nominations for LAPELS Board Vacancies begins
- 19-25 National Engineers Week
- 20-22 Future City National Competition – Washington, DC

### March, 2006

- 9-10 MATHCOUNTS State Competition – Alexandria
- 10 LES Executive Committee Meeting – Alexandria
- 15 8 hour Life Safety Code Seminar – Baton Rouge
- 20-21 LAPELS Board Meeting – LES State Office
- 24 LES Board of Direction Meeting – Houma

### April, 2006

- 3 Election of LES Chapter & Practice Division Officers begins
- 13 Deadline for copy, Louisiana Journal, May issue

<http://www.les-state.org>

## Visit Us On The Web

- Order LES products; coffee mugs, lapel pins, license plate, Centennial book.
- Membership forms and benefits.
- And much more!



# BATON ROUGE CHAPTER

By: Gavin P. Gautreau, P.E.

Recently, the Baton Rouge City-Parish Government's Engineering and Architect Selection Boards came under fire. Spurred by a protest, a Metro-Council representative proposed changes that would have bypassed the decision of the A/E Selection Boards, rendering the existing Qualification Based Selection (QBS) process obsolete. The proposed changes would have opened the door to political favoritism and discarded years of progress and fairness under the current QBS process.

The Baton Rouge process received the QBS Award in 1991, one of the highest honors of the National Society of Professional Engineers, and has been commended both locally and nationally for its inclusion of local professional organizations. See our website for more details (<http://www.les-state.org/brchapter>).

At the Metro-Council's Finance and Executive Committee on January 4th, 2006, there was a full house. Several speakers voiced their opposition to the proposed changes, and with the help of Council Representatives Boneno, Culbertson, and Skyring the items were forwarded to the full council with the recommendation of deletion. The following week the items were deleted by the originator of the proposed changes.

Thanks to all those that phoned or emailed Council Representatives, and special thanks to those who attended the meetings and/or spoke on the benefits of the current QBS system.

Thanks also to the following organizations for their help on this issue, specifically, The American Council of Engineering Companies (ACEC), The American Institute of Architects (AIA), The American Society of Civil Engineers (ASCE), the Louisiana Society of Professional Surveyors (LSPS), The Louisiana Engineering Society (LES), Louisiana State University (LSU), The National Society of Professional Engineers (NSPE), and The Baton Rouge Chamber of Commerce.

Though it has performed without question since its inception in 1989, as the Baton Rouge Chamber said, "QBS

definitely is the right A/E firm selection approach for EBR Parish, but it may be time to give the current process a tune-up."

There will be a task force established to look at ways of improving the existing QBS process. LES and other professional organizations will form the committee to examine the process and make any changes if necessary.

So, as we move into this "tune-up" phase I would like to have your input. Please send your comments to [gavingautreau@dotd.louisiana.gov](mailto:gavingautreau@dotd.louisiana.gov). Thanks again to everyone involved in these efforts and discussions over the past month.



**Louisiana Engineering Society 2005-06 Board of Direction**  
*Standing front row left to right; John Lowery, P.E., John Plaisance II, P.E., Alan Krouse, P.E., Chris Richard, P.E., Kevin Crosby, P.E., Beth Jones, P.E., and Scotty Baudoin, P.E. Standing middle row left to right; Barry Gahagan, P.E., James Hagan, P.E., Philip Meyers, P.E., Kevin Switzer, P.E., James Bowie, P.E. Kevin Rizzo, P.E., Andrew Zagars, P.E., and Don Arrington, P.E. Standing back row left to right; Gregory Danielson, P.E., William Melancon, P.E., Mike Bares, P.E., Roger Melancon, P.E., Ali Mustapha, P.E., George Comeaux, P.E., and Gavin Gautreau, P.E.*

## NEW MEMBERS

### **Baton Rouge**

Marian Aguillard, P.E.  
 Eric Borne, E.I.  
 Phil Combs, P.E.  
 Joffrey Easley, P.E.  
 Jack Hodges, P.E.  
 John Lewis, P.E.  
 Denis Markan, Student  
 Chris Odom, P.E.  
 Mark Ordogne, P.E.  
 Sierrah Design, LLC  
 Jesse Thompson, P.E.  
 Walter Williamson, P.E.

### **Bayou**

Michael Cognevich, P.E.

### **Lafayette**

Wesley Broussard, P.E.  
 Michael Burdette, P.E.  
 Stephen Langlinais, P.E.

### **Lake Charles**

Jason Beard, Student  
 Alisha Brignac, Student  
 Deniqua Domingeaux, Student  
 Luke Lundquist, Student  
 K. Scroggs, E.I.

### **Monroe**

Clay James, E.I.  
 E. Lancaster, P.E.

### **New Orleans**

Ballard Argus, P.E.  
 Timothy Berger, Individual Sustaining  
 Edward Carrick, E.I.  
 Brian Davis, P.E.  
 Amanda Dykes, E.I.  
 Lloyd Hegler, P.E.  
 IMDC, Inc.  
 Uwe Lorenz, P.E.

Kashif Riaz, E.I.  
 Robert Schroeder, P.E.  
 Urban Planning & Innovations, Inc.

### **Shreveport**

Jones Environmental, Inc.

### **Non-Resident**

Mujahid Ali, P.E.  
 Christopher Arnold, E.I.  
 William Bracken, P.E.  
 Rama Challa, P.E.  
 GEC, Inc.  
 C. James Marino, P.E.  
 Clive Samuels, P.E.  
 Frederick Sock, P.E.  
 J. White, P.E.



# LES HONORS SEVEN ENGINEERS



**LEO M. ODOM**  
**SERVICES TO THE PROFESSION AWARD**

*The Louisiana Engineering Society Services to the Profession Award will be given as conditions warrant, but not more than annually, for Distinguished Service to the Engineering Profession in Louisiana by a registered Professional Engineer member of the Louisiana Engineering Society, over a period of long duration, in an unselfish manner and in keeping with the highest professional standards of conduct, including active participation and leadership in the technical societies as well as in this and other professional engineering groups. The character, scope and duration of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the advancement of the profession in its service to mankind. The award is named in honor of Leo M. Odom, P.E., President of the Society in 1968, active member since 1942, and the award's first recipient.*

**Theodore H. Thompson, P.E.**

Theodore "Ted" H. Thompson is a resident of Sulphur, La. He graduated from McNeese State University with a BSCE in '74 and an ME in '97 in Civil Engineering. He is a Viet Nam veteran, and served nearly 30 years in the active Army, National Guard, and Army Reserve before retiring in December 1999, with the rank of Lieutenant Colonel. He joined F. Miller & Sons, Inc., a general contracting firm, in 1974, where his duties have included project manager, estimator, safety director, scheduler, civil engineer, and computer systems manager. Ted is a registered PE, in civil and environmental engineering, and an LSIT in Louisiana. He is also an instructor for the Associated General Contractors' Supervisor Training Program and an adjunct faculty member at McNeese State University, where he teaches various engineering courses in the evenings. Ted is a past State President with LES, four-time Lake Charles Chapter President, and currently chairman of the LES Constitution and Bylaws and Ethic committees. He has previously chaired the Long-Range Planning, Membership, Nominating, CPD, and Honors and Awards committees and also held the elected progressive offices of State Director through President of LES. He has been involved with Mathcounts for many years, and is a past chapter coordinator. He is the faculty advisor to the McNeese Engineering Society, the local student chapter of LES, and is the chapter liaison with the McNeese Engineering Department. Ted takes an active interest in the students' work and has worked with the various student technical societies, promoting, presenting seminars, assisted in fundraising, and provided guidance on various student projects. He has also co-chaired with the local ASME president in organizing industrial, engineering firm displays, along with children's activities for local shopping mall exhibits and displays for E-week. He has assisted local CEs with the implementation of their "Not all Engineers Drive Trains" program, an engineering profession informational program directed to elementary school children. Ted is also on the Board of Direction of the Louisiana Engineering Foundation and is a past secretary and treasurer. He is a past recipient of the LES Waldemar S. Nelson President's Award. He has been married for 38 years to Martha, of Sulphur. They have one daughter, Penny, a McNeese Civil Engineering graduate and EIT, who now teaches Calculus and Advanced Math at Kountze High School in Texas. Penny is married to Erik Simpson, a chemical engineer, and Ted has one granddaughter, Madelyn.



**F HUGH COUGHLIN AWARD**  
**FOR YOUNG ENGINEER**

*The Louisiana Engineering Society F. Hugh Coughlin Young Engineer Award Key and Certificate will be awarded as conditions warrant, but not more often than annually, to an engineer not over thirty-five (35) years of age who has demonstrated to a high degree capabilities in his chosen field of engineering, thereby indicating potential for further advancement and leadership as a professional engineer. The desire of the Society is not only to recognize the recipient but to encourage and inspire young engineers with a desire to reach greater heights of professional achievement and service. This award is named in honor of F. Hugh Coughlin, P.E., a distinguished member of the Society from 1944 until his death in 1980. His interest and support of young engineers was instrumental in the establishment of this award.*

**Gavin P. Gautreau, P.E.**

Gavin Gautreau, a native of Baton Rouge, was born on September 15, 1970. As a boy, he knew he wanted to be an engineer like his father, Glynn P. Gautreau, P.E. He attended St. Thomas More Elementary School and graduated from Catholic High School in Baton Rouge in 1988. He earned a Bachelor of Science Degree in Civil Engineering and a Minor in Environmental Engineering from Louisiana State University in 1993. During his education, he worked as a surveyor's assistant and as a soil technician.

Following graduation, he joined Geotechnical and Environmental (G&E) Engineering, Inc. (now Conestoga-Rovers & Associates), where he conducted soil and groundwater investigations at facilities in Alabama, Mississippi, Louisiana, Tennessee, and Mexico. In 1995, while at G&E, he met Alyssa Baker (Gautreau). They married in 1997, and recently celebrated the birth of their son, Griffin Patrick Gautreau, in 2005.

Gavin earned his Professional License in 1998, and soon after joined Gautreau & Gonzalez, Inc., Geotechnical Consultants, where he worked closely with his father and mentor, Glynn Gautreau, P.E. As a Project Engineer, he managed geotechnical investigations at over 350 sites in Louisiana (public, commercial, and residential). Analyses included site preparation and drainage recommendations, fill acceptability and compaction requirements, allowable bearing capacities, drilled shaft and driven pile loadings, and slope stability analyses.

In 2002, he joined the Louisiana Transportation Research Center (LTRC), where he currently serves as the Geotechnical Research Manager. LTRC is sponsored jointly by the Louisiana Department of Transportation and Development and Louisiana State University. Gavin conducts and supervises ongoing research, manages the Cone Penetration Technology (CPT) vehicles, and coordinates field and laboratory activities. He currently serves on the New Product Evaluation Committee as the Soil Stabilization Sub-Committee Chairman.

Gavin is active in LES and currently serves as the President of the Baton Rouge Chapter (2005-2006). He has served as a Director, Vice President, President-Elect, MathCounts Volunteer, and Scholarship Chairman. Gavin is also an active ASCE member and currently serves as the Baton Rouge Geotechnical Committee Chairman. Other professional memberships include Chi Epsilon, a Civil Engineering Honor Society, and the National Society of Professional Engineers.

Gavin enjoys playing golf and camping when time allows. He is an Eagle Scout and has served as an Assistant Scoutmaster for St. Aloysius Church, Troop 7, since 1998.



# LES HONORS SEVEN ENGINEERS



**DUDLEY HIXSON – BOBBY PRICE  
NATIONAL PROFESSIONAL ACHIEVEMENT AWARD**

The Louisiana Engineering Society "National Professional Achievement" Award is named in honor of Thomas Dudley Hixson, P.E., P.L.S. (NSPE President 1993-1994), and Dr. Bobby Price, P.E., Ph.D. (NSPE President 2004-2005), two distinguished members of the society who served as presidents of LES and the National Society of Professional Engineers (NSPE). The purpose of this Award is not only to recognize the recipient's accomplishments and service to the engineering profession, but to encourage and inspire others to volunteer to service the Society and the Profession at the Chapter, State, Regional and National levels.

**Bobby E. Price, Ph.D., P.E., F.NSPE**

Bobby E. Price, Ph.D., P.E., F.NSPE, received his B. S., M. S., and Ph.D. degrees in Civil Engineering, respectively, from Arlington State College (now, the University of Texas at Arlington) in 1962, Oklahoma State University in 1963, and the University of Texas at Austin in 1967.

Dr. Price retired from Louisiana Tech University in June 1999 with the rank of Professor Emeritus of Civil Engineering after 32 years of service. In the College of Engineering and Science, he served as Civil Engineering Program Chair, Director of Graduate Studies, and Director of Undergraduate Studies. He served the University on various committees, including Chair of the University Senate. He was the Commencement Speaker for Louisiana Tech's 1999 Spring Graduation Ceremony, and has been recognized by receiving several of the University's prestigious teaching and service awards, including having a Distinguished Professorship established in his name.

In the National Society of Professional Engineers, Dr. Price served as the 2004-05 President. He is a Fellow member of NSPE, and served as the Southwestern Regional Vice President. He served on the NSPE Licensure and Qualifications for Practice Committee for ten years, including serving as Chair. He served as Chair of the Professional Engineers in Education, as National Director from Louisiana, on the Nominating Committee, on the Engineering Education Foundation, on the Engineering Education/Licensure Model Task Force, on the Steinman Council Task Force, as a NSPE representative to the NCEES Fundamentals of Engineering Examination Effectiveness Task Force, and three times on the Budget Committee, including Chair. He presently chairs the NSPE Officer Candidate Screening Committee.

In the American Society of Civil Engineers, Dr. Price is a Fellow and Life Member, served as ASCE Louisiana Section President in 1982-83, and as Faculty Advisor to the Louisiana Tech University Student Chapter for five years. Nationally, he served on the Committee on Curricula and Accreditation, including Chair. He presently serves on the Licensure Committee of the ASCE Committee for Academic Prerequisites for Professional Practice.

Dr. Price served on the Louisiana Professional Engineering and Land Surveying Board (LAPELS) from 1997-2003, and as Chair in 2002-03. He was President of the Louisiana Engineering Society in 1987-88 and the Louisiana Engineering Foundation in 1999-2001.

Locally, Dr. Price serves as a member of the Geographical Information System Commission (GIS), the Sparta Groundwater Conservation Commission, the Lincoln Parish Communications District (E911), and the Ruston Kiwanis Club. He and his wife, Patsy, are active members of Temple Baptist Church of Ruston, and have two children, Barry Price and Kami Proulx, and one granddaughter, Megan Price.



**WALDEMAR S. NELSON PRESIDENT'S AWARD**

The Waldemar S. Nelson President's Award will be given as conditions warrant, but not more than annually, for distinguished service to the Louisiana Engineering Society by an engineer member of the Society, who has provided outstanding service to the Society, in an unselfish manner and in keeping with the highest professional standards. The desire of the Society is not only to recognize the recipient, but to encourage and inspire others to take a greater part in the advancement of the Society and its service to mankind. This award is named in honor of Waldemar S. Nelson, P.E., a distinguished member of the Society since 1936.

**Alan D. Krouse, P.E.**

Having held all offices for the Baton Rouge Chapter of LES, Alan Krouse currently serves as Secretary-Treasurer of LES. He originated the LES Baton Rouge Annual Scholarship Golf Tournament in 1992, and has since annually directed this event. This tournament was established to fund a LSU professorship in memory of Humphreys Turner, a Civil Engineering professor at LSU. The tournament continues today to help fund LES' annual scholarship program. Since 1993, Alan has assisted in every MathCounts competition. On the state level, Alan currently serves on the Long Range Planning Committee and Continuing Professional Development Committee. Alan also served as the 2004 and 2005 Annual Conference Chairman, Chairman and Vice Chairman of PEPP, the Tellers Committee and Honors and Awards Committee.

In addition to being an active member of LES, Alan has served on the Ascension Parish Planning and Zoning Commission since June of 2004, presently serving as Planning and Zoning Representative on the Parish Steering Committee, as well as a member of the Parish Zoning Subcommittee. Alan is a Registered Professional Engineer in the States of Louisiana and Texas and is a member of the American Society of Civil Engineers, the National Society of Professional Engineers, and the LSU Alumni Association. He is a Board Member of the Louisiana Engineering Foundation and was listed in the 1996-1997 edition of Who's Who in Executives and Professionals.

Alan is employed with Meyer & Associates of Sulphur managing their Baton Rouge office. Alan has also owned AAcO Engineering since 1992.

After receiving his BS Degree from LSU in Civil Engineering in 1977, Alan was employed at the Louisiana Department of Transportation and Development, in the Road Design Section for seven years. While at DOTD, Alan ultimately reached the position of Coordinating Squad Leader before leaving DOTD to go into private consulting practice.

Alan is married to Stephanie Bares Krouse and they are celebrating 28 years of marriage this year. Stephanie presently teaches Pre-Kindergarten in Ascension Parish after many years as a kindergarten teacher. They have two daughters, Brooke, a recent graduate of LSU, and Allison, presently enrolled in LSU.

Alan has been an active member at St. George Catholic Church in Baton Rouge, where among his volunteer services is more that twenty years of work with the St. George Fair and he sings in the choir.

# LES HONORS SEVEN ENGINEERS



**JAMES M. TODD AWARD FOR  
TECHNOLOGICAL ACCOMPLISHMENT  
MEDAL**

*The Louisiana Engineering Society Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Service by an Engineer for Technological Advancement or Discoveries as contributions to the advancement of Engineering. The purpose of honoring Engineers with this award is to encourage and inspire other engineers to reach even greater heights of professional achievement. The award is named in honor of James M. Todd, P.E., President in 1930 and an active member of the Society until his death in 1971. Mr. Todd suggested the formation of an award for engineering ingenuity in 1950.*

**Xiaoduan Sun, Ph.D**

Dr. Xiaoduan Sun is a professor and interim department head of Civil Engineering Department at University of Louisiana at Lafayette. She started working for UL right after finishing her Ph.D. dissertation at Ohio State University in January 1994. Being educated and trained in transportation engineering, Dr. Sun's primary interests are in highway safety and advanced technology applications. In her twelve years of tenure with UL, she has conducted 16 research projects as principal investigator and 4 projects as co-principal investigator. Many papers have been published in engineering journals and conference proceedings as a result of her successful research work. She has made more than twenty presentations at national and international conferences. Born to a family of educators, Dr. Sun enjoys teaching. She is currently serving as a panel member for four key highway safety projects under the U.S. National Cooperative Highway Research Programs, a member of the U.S. Transportation Research Board Committee on Transportation in Developing Countries, ASCE Committee on Advanced Technology in Transportation, and Association of Transportation Safety Information Professionals. Dr. Sun is also a member of Lafayette Transportation Technology Committee and Lafayette Roundabout Committee, and has been recently appointed as a member of Louisiana Transportation Research Center Policy Committee and the Lafayette Metropolitan Expressway Commission. Dr. Sun has been a John E. and Joretta Achee Chance Professorship recipient since 2001, and is a registered PE in Louisiana.



**THE ANDREW M. LOCKETT MEDAL  
FOR CIVIC ACTIVITIES**

*The Louisiana Engineering Society Civic Activities Award The Andrew M. Lockett Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Civic Service by an Engineer, in the interest of the Public, without compensation for those services. The character and scope of the services rendered are the predominant criteria, rather than strictly engineering or scientific attainments. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to take a greater part in the civic well being of their communities, parishes and the State of Louisiana. The award is named in honor of Andrew M. Lockett, P.E., a distinguished member of the Society from 1900 until his death in 1945. Mr. Lockett was a strong advocate for engineers to get involved in civic activities.*

**Darrell K. Jones, P.E.**

Darrell K. Jones attended Istrouma High School in Baton Rouge and received his Bachelors Degree in Civil Engineering from LSU in 1977. His twenty-seven year telephone company career began February of 1978 with South Central Bell and he presently manages designers for the West Turf of Baton Rouge for BellSouth. In 1986, he married Deborah Lowe and they have two sons, Nevin, 24 and Darin, 19.

His Civic activities began with the Telephone Pioneers of America, a group of telephone employees that provide assistance and service to organizations in the community. Darrell assisted with School for the Blind Easter Egg hunts, Lupus fund raising and Special Olympics, was team captain for the American Cancer Society-Relay for Life and Net day chairman for Westdale Middle school. After several Special Olympics events he developed a relationship with Becky Hudson, a teacher for Special needs children at Westdale Elementary school. In 1981, he designed, built, and installed a carousel at the school for the children. For the next twenty years, he and Deborah hosted Christmas and Easter parties at the school. In addition, each Christmas, they designed and built stools, tic-tac-toe games, doll beds, vanity mirrors, stringed music boxes, block sets, bird houses, wind chimes, etc. Each item focused on these children and their need to develop skills or knowledge for future years.

He received the Future Pioneer of the Year award in 1985. He has also judged science fairs and participated in job shadowing and career day presentations.

Family involvement includes church and school activities at Most Blessed Sacrament Parish. He was Church Fair Construction Chairman for nine years, a Mens Club member for twenty-seven years, as well as coach for baseball, basketball and soccer teams.

He has been a member of LES since 1983. He served as a Director for two years, chairman of the Regional MathCounts competitions in Baton Rouge since 1999 and chaired two State competitions, and is presently a member of the Engineering Selection Committee for East Baton Rouge Parish.

He would like to express his appreciation to LES for this award, but special thanks to his wife, Deborah, for being at his side and supporting him during all of these activities.



**THE A. B. PATERSON MEDAL  
FOR AN ENGINEER IN MANAGEMENT**

*The Louisiana Engineering Society Engineer-in-Management Award. The A. B. Paterson Medal will be awarded as conditions warrant, but not more often than annually, for Distinguished Service in Management by an Engineer Achievements in management rather than engineering or scientific attainments shall be the primary criteria for the selection of the recipient. The desire of the Society is not only to recognize the recipient but to encourage and inspire other engineers to greater effort in the field of Business Management. The award is named in honor of A. B. Paterson, P.E., and active member of the Society from 1923 until his death in 1952. Mr. Paterson was an engineer, administrator, executive, banker, civic leader and humanitarian.*

**Lloyd E. "Buddy" Porta, P.E.**

Lloyd E. "Buddy" Porta was born in Baton Rouge in 1950. After graduating from Baton Rouge High School in 1968, Buddy attended Tulane University for two years on a football scholarship. He returned to Baton Rouge and enrolled at Louisiana State University. He graduated in 1973 with a BS in Civil Engineering. He also was commissioned a Second Lieutenant in the United States Army Reserve.

Buddy joined the Louisiana Department of Highways in 1973 after graduation. He worked in a design squad for eleven years, eight years as a squad leader. In 1984, he was assigned as the program manager for the Off-System Bridge Rehabilitation and Replacement Program. In 1989, the Urban System Program and the Overlay Program were also given to Mr. Porta to manage. The former programs utilized consultants to provide the plans; the latter program plans were developed in-house.

Mr. Porta's Army Reserve unit, the 321st Materiel Management Center, was activated and deployed in August, 1990 to Saudi Arabia for the first Gulf War. Major Porta served in Saudi Arabia and Kuwait. His section managed electronic end items and maintenance for the theater. Major Porta returned from the Gulf in May, 1991, to resume his career at the La DOTD.

For the next 10 years, Mr. Porta provided administrative supervision to the DOTD programs, provided project management on individual consultant projects, and provided oversight to an in-house design squad. During this timeframe, Mr. Porta obtained his Certified Public Manager designation from Louisiana State University through the Public Management Program.

In 2001, Mr. Porta was selected to assume the position of DOTD TIMED Program Manager. The TIMED Program, which is included in the Louisiana Constitution, was initiated in 1990 and includes 16 intermodal projects. The funding mechanism at the program's inception was "pay-as-you-go". It was the decision of the Foster Administration and then DOTD Secretary, Dr. Kam Movassaghi, to bond the program and hire a program manager. This will allow the program to be completed approximately 21 years sooner. Currently, the program is forecasted to cost \$4 billion. This is presently the largest infrastructure program in the history of the state.

Buddy married the former Carmen Manning in 1986, and retired from the US Army Reserve in 1997 with the rank of LTC.

# IN REMEMBRANCE

The family, friends, staff and clients of Waldemar S. Nelson and Company, Inc., the City of New Orleans, the State of Louisiana and, indeed, the entire engineering profession have suffered a great loss with the passing of Waldemar S. Nelson, P.E. on November 15, 2005. The honors and accolades that he received are listed below, but it is appropriate to share some personal thoughts. The Times-Picayune featured Mr. Nelson with an obituary that headlined, "Generous Engineer." A more accurate adjective could not be found. A true professional role model, a leader who led by example and an engineer's engineer are phrases that also applied equally to him. His professional and ethical standards were exemplary. He insisted on high quality work from his staff and he treated everyone with respect. He had a profound impact on the lives of many people all of whom benefited from knowing him. We should all aspire to follow his lead in sharing the gifts and talents that we were blessed with to benefit others.

Waldemar Stanley Nelson was born on July 8, 1916 in New Orleans. Both parents, five uncles and an aunt were professional engineers. He attended New Orleans public schools and Tulane University, graduating in 1936 with a Bachelor Degree in Mechanical and Electrical Engineering. Following graduation, he worked as a field engineer on construction projects in Indiana, Louisiana, and Texas, returning to New Orleans in 1939, where he opened his own practice as a consulting engineer. From 1941 to 1945, he was with the U. S. Army Corps of Engineers in engineering design and supervision of construction on Army cantonments, airfields and training installations in Alexandria, LA.

Since 1945, he was a principal in the consulting firm of Waldemar S. Nelson and Company Incorporated or its predecessors, and was engaged in engineering design, architecture and construction administration on projects including power plants, electrical systems, industrial plants, buildings, sulfur mining plants, pumping stations, port and harbor improvements, bridges, highways, offshore structures, petroleum production facilities, chemical process plants and design of process equipment.

He was a Civil, Electrical and Mechanical Engineer registered in 44 states. He was active in the engineering profession, being Past Chairman of the Louisiana State Board of Registration for Professional Engineers and Land Surveyors; Past Vice President of the National Society of Professional Engineers; Past Treasurer of the National Council of Engineering Examiners; a Past President of the Society of Tulane Engineers; a founder and Past President of the Engineers' Club of New Orleans; and an Honorary Member and Past President of the Louisiana Engineering Society.

In recognition of his outstanding service to the Louisiana Engineering Society, in an unselfish manner and keeping with the highest standards of conduct, including active participation and leadership in the Society, a new state award was created in 1994 named the Waldemar S. Nelson President's Award.

As a result of his involvement, "exemplary leadership and overall guidance to bring the Louisiana Engineering Center from a vision to a reality," he was honored by the Louisiana Engineering Society by having the Conference Room in the new Louisiana Engineering Center dedicated as the "Waldemar S. Nelson Conference Room."

He was a Trustee, past Treasurer and Secretary of the Louisiana Engineering Foundation. He served as President of the Louisiana Engineering Foundation. He was a past Vice President and past Chairman of the Board of Ethical Review of the National Society of Professional Engineers; a Life Fellow of the American Society of Mechanical Engineers and a past chairman of the New Orleans Section of this Society; a Life Fellow of the American Society of Civil Engineers; a Diplomate of the American Academy of Environmental Engineers; a Life Member of the American Public Works Association; a Senior Member of the American Institute of Aeronautics and

Astronautics; a member of the Institute of Electrical and Electronics Engineers, Society of American Military Engineers, Society of Naval Architects and Marine Engineers, and other professional and technical societies.

He was elected to Tau Beta Pi, Pi Tau Sigma and Eta Kappa Nu, honorary engineering fraternities, and received the Distinguished Service Award of the National Council of Engineering Examiners, the Outstanding Engineering Alumnus for 1976 from Tulane University, the Louisiana Engineering Society's Charles M. Kerr Public Relations Award, its Leo M. Odom Professional Services Award, its A. B. Paterson Medal for an Engineer in Management, and its Andrew M. Lockett Medal for Civic Activities. He was past President of the Tulane Alumni Fund; was a founding member of the Board of Visitors of Tulane University; and was a Trustee of the Tulane Engineering Foundation. He was recipient of the 1992 Volunteer of the Year Award presented by the Tulane University Alumni Affairs. In 1997, he was inducted into the Tulane Engineering Hall of Fame.

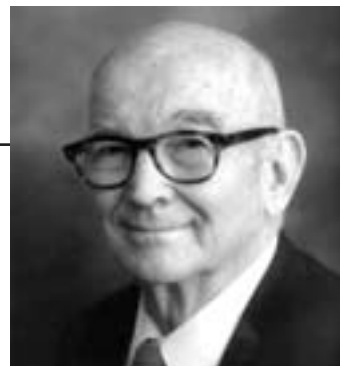
Mr. Nelson was active in the Chamber/New Orleans and the River Region, serving on its Board of Directors; was a past Chairman of the Committee of "50"; member of the Board of MetroVision; and 1984 Chairman of Members Council. He was a Past President of the Board of Commissioners of the New Orleans City Park Improvement Association, having served City Park for 22 years. He was a member of the Past Presidents' Advisory Council of City Park.

He received the Young Leadership Council's 1987 Role Model of the Year Award in Engineering. Being active for many years in the Rotary Club of New Orleans, he was elected to the Board of Directors of that organization for 1988-89. He served as President of the French-American Chamber of Commerce/LA Chapter. He served as Vice President of the Project New Orleans Foundation. He was named a 1997 "Entrepreneur of the Year" by Junior Achievement of New Orleans, and was inducted into the Business Hall of Fame in 1997. In 1998, he was recipient of the 1998 University of New Orleans Business/Higher Education Council Award for "First Citizen of the Learning Society." He was awarded the George Washington Honor Medal by the New Orleans Chapter of the Valley Forge Freedom Foundation. He was presented the Weiss Award for Community Service by the National Conference for Community and Justice in 1998.

Mr. Nelson was actively involved in the Rotary International Literacy program.

Mr. Nelson served on the Board of the New Orleans Technology Council and supported their "NetDay" program by providing kits to his company's two "Partners in Education" to allow for internet hook-up for both schools. Since 1986, his company has partnered with Robert M. Lusher Alternative Elementary School, the same school he attended as a boy. Mr. Nelson has been instrumental in providing air conditioning to the Willow Street and S. Carrollton Avenue sites, and opened his company's offices to fifth and sixth graders of Lusher School in order to educate and expose them to the engineering field. Because of his active participation in and support of its many projects, Lusher School established the annual Waldemar S. Nelson Engineering Essay Contest in 1993. In 1995, his company established another partnership with Andrew Jackson School.

He was a widower and father of five children, two of whom are engineers, and 12 grandchildren; past Senior Warden of the Vestry of St. Andrew's Episcopal Church; Past Chairman of the Board of St. Andrew's Episcopal School; Past President of the Board of Trustees of St. Martin's Protestant Episcopal School; was active in Boy Scouts of America in various capacities; and counted fishing, boating, gardening, shop work photography, and computers among his hobbies.



Waldemar S. Nelson



# LOUISIANA ENGINEERING SOCIETY AND THE AMERICAN COUNCIL OF ENGINEERING COMPANIES OF LOUISIANA PRESENT: 8HR LIFE SAFETY CODE SEMINAR

by Robert Miller, AIA, Office of State Fire Marshal  
Seminar will be held at: Holiday Inn Select  
4728 Constitution Avenue, Baton Rouge, LA 70808  
March 15, 2006, 8:00am – 4:30pm  
Lunch will be served

2003 Edition - NFPA 101 - Life Safety Code

This one day seminar will be a practical exercise of the Life Safety Code - NFPA 101 as used in design of projects with multiple use and mixed occupancy buildings.

This seminar will explore the Life Safety Code requirements in the design of buildings and will include investigation of the Core chapters and Occupancy chapters of the Code to include Assembly, Education, Apartment Buildings, Mercantile, Business, Industrial and Storage Occupancies. Particular attention will be given to the various components of Means of Egress and the necessary calculations required for compliance.

Attendees are required to bring their copies of the NFPA 101-Life Safety Code. The "NFPA 101-Life Safety Code Handbook" is suggested to allow the attendee to get the most out of this seminar. A copy of the Life Safety Code Handbook may be purchased by the participants from NFPA on their website ([www.nfpa.org](http://www.nfpa.org)). Calculators are required for several of the exercises.

## REGISTRATION FORM

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REGISTRATION: ☐ Society Member \$115      ☐ Non Member \$215      ☐ Visa      ☐ M/C  
(Lunch is included in registration cost.)      (We do not accept American Express)

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Please circle the society in which you are a member:      LES      ACEC/L

Mail checks and registration to: La Engineering Society, 9643 Brookline Ave., Ste. 116 Baton Rouge, LA 70809

You may fax your registration to: (225) 924-2049 or email to [les@les-state.org](mailto:les@les-state.org)

For more information please visit our website: [www.les-state.org](http://www.les-state.org)

If you have any questions, please call the LES office at (225) 924-2021 or the ACEC office at (225) 927-7704.

Sorry, no refunds will be given after February 22, 2006

Seating is limited to the first 200, so register now!!

A block of hotel rooms has been reserved under "LES" at an event rate of \$119.



# FUTURE CITY COMPETITION

by Carla Lane

Although there were many obstacles to this year's competition, not the least of which were 2 hurricanes, the Engineer's Week Future City Competition sponsored by LES was held on January 20. The mission of the competition is to provide a fun and exciting educational engineering program for 7th and 8th grade students that combines a stimulating engineering challenge with a "hands-on" application to present their vision of a city of the future. Students are challenged to build a computer model using MAXIS SimCity 3000, write an essay pertaining to a

particular engineering topic, write an abstract describing their city, build a physical model of a particular portion of their city, and present their futuristic city at the regional competition.

This year's winner, St. Thomas More, Baton Rouge, envisioned a future New Orleans that will be rebuilt with new technology, but without sacrificing the local heritage. They will be sent to Washington, D.C. where they will compete against 34 other states at the national finals in February. The second place winner was Carencro Catholic School, Carencro and third place went to

East Beauregard High School, DeRidder. This year, Marc McConnell, from Shell, entertained the students with his keynote speech, including stories about his Back to the Future car.

The Future City competition is not possible without the work of many volunteers. If you would like to volunteer to be a judge, help at the competition, or mentor a team, you can register on the Future City website, [www.futurecity.org](http://www.futurecity.org). You will also be able to get more information and see pictures of last year's national winning team from Louisiana.



## BALLOT TO ELECT LES MEMBERS

Act 721 passed in the 1975 Legislature amended Chapter 10 to Title 38 of the Louisiana Revised Statutes of 1950 by adding thereto a new Part VII, Selection of Professional Services for Public Contract. Three Boards – Architect, Engineer and Landscape Architect Selection – are authorized under this Act. Each board selects persons or firms to perform certain professional services for public contract.

The Act refers to the Louisiana Engineering Society, specifying the following: The Louisiana Engineers Selection Board shall be composed of six members. Two members shall be named in an election conducted by the Louisiana Engineering Society at which all properly licensed engineers residing in the State of Louisiana may vote for positions to be filled. LES has two positions to fill this year, one term ending June 30, 2007, and one ending December 31, 2007.

The LES Nominating Committee nominates Brian Smith, P.E. for the July 1st position and Don Durr, P.E. for the January 1st position.

Each Louisiana Registered Professional Engineer working and living in the State is eligible and urged to vote.

Space on the ballot is provided for write-in candidates. A write-in candidate must be a LA registered Professional Engineer and must have agreed to serve if elected. No employee or stockholder shall be eligible to receive agency contracts during the term of his service, and for a period of six months thereafter.

### LES ENGINEERS SELECTION BOARD BALLOT

1. Mark and return to LES, 9643 Brookline Ave., Ste. 116, Baton Rouge, LA 70809, by June 21, 2006. Late ballots will not be accepted.
2. Make sure your name and address are on the envelope that forwards the ballot to LES. Ballot signature is not required.

Vote for One Candidate in Each Position

#### POSITION ONE (Term July 1, 2006 – June 30, 2007)

☐ Brian Smith, P.E.

☐

For Write-in Candidate

#### POSITION TWO (Term: January 1, 2007 – December 31, 2007)

☐ Don Durr, P.E.

☐

For Write-in Candidate



# 2006 LOUISIANA ENGINEERING FOUNDATION AWARDS

## Engineering Faculty Professionalism Awards

The objectives of the Engineering Faculty Professionalism Award are to bring to the attention of all faculty those members who are licensed professional engineers at their university; to present registration in a positive light which should encourage faculty to work toward licensure and professionalism; and to benefit the students and the profession with the promotion of professionalism in the universities.

The Louisiana Engineering Foundation may award one engineering faculty professionalism award annually to an engineering faculty member in each engineering school in Louisiana with EAC/ABET accredited programs. This year, the Foundation is proud to present this award to four recipients. The Louisiana Engineering Foundation would like to congratulate these recipients of the 2006 Engineering Faculty Professionalism Award! These recipients received a plaque from Jim Bowie, Board Member of the Louisiana Engineering Foundation on January 27, 2006 at the Joint Engineering Societies Conference awards banquet in Lafayette.

The recipient from McNeese State University is Dr. Fred Denny, P.E. Dr. Denny has held highly responsible leadership positions in industry and in professional societies. He has always had very high SEI ratings as a classroom teacher. Dr. Denny has created or modified a number of courses. As Department Head Dr. Denny has led the engineering faculty to more effectively participate in "outcome assessment" and other new ABET accreditation requirements and the most major shortcomings cited during the last ABET visit were shown as corrected in the most recent ABET report. Dr. Denny is the only faculty member in the engineering department who has published a textbook. Dr. Denny is currently the only IEEE Fellow in the Southwest Louisiana-Southeast Texas Region which includes 400 industrial members and faculty at 4 colleges and universities.

Louisiana Tech University's recipient is Dr. Hisham E. Hegab, P.E. Dr. Hegab was appointed Interim Academic Director of Electrical Engineering, Electrical Engineering Technology, Computer Science, and nonsystems engineering in August of 2005. In the fall of 2004 he was appointed Program Chair in Micro and Nonosystems Engineering. Dr. Hegab has expertise in design, analysis, and testing of fluid and thermal systems including cryogenic fluids and microfluidic systems and devices. He has had several research activities and publications. Dr. Hegab has received the LA Tech University Engineering Science Foundation Award, the LA Tech University College of Engineering and Science Outstanding Achievement in Education Award, the LA Tech University College of Engineering and Science Outstanding Achievement in Research Award. Dr. Hegab has received many awards and professional honors over his teaching career.

The recipient from the University of Louisiana-Lafayette is Dr. Ehab Amin Meselhe, P.E. Dr. Meselhe has had many awards and accomplishments as Associate Professor at the

University of Louisiana Lafayette. He has received the 2005 Coastal Stewardship Award, the 2002 Outstanding Government Engineer, the 2001 James M. Todd Technological Accomplishment Medal from the Louisiana Engineering Society, the 2001 ASCE Faculty Advisor Reward Program, the 1999-2000 Chi Epsilon Excellence in Teaching Award for the Southern District, and the 1999 Best Technical Note Award. Dr. Meselhe is the associate editor of the journal of Hydraulic Research, International Association of Hydraulic Research. He is also the committee chair for The American Society of Civil Engineers, Environmental Water Resources Institute "Computational Hydraulics" Technical Committee.

Dr. John Rogers Smith, P.E. is the recipient from Louisiana State University. Dr. Smith improves his work by introducing innovative techniques to drilling engineering practice – example: managed pressure drilling. He devotes time outside of the classroom to developing students as professional engineers. He is the advisor to the student section of American Association of Drilling Engineers, advisor to the student honor society, advisor to PERTTL Well Facility, liaison for LSU SPE student section, and the Board member of SPE Delta Section. Willing to work for the greater good of the Petroleum Engineering Department and LSU, Dr. Smith developed a proposal for an MS Program for PEMEX students to be taught in Mexico, and he is taking the lead on LSU's participation in RPSEA. Dr. Smith demonstrates an interest in improving the student's communication abilities by incorporating opportunities from the college communication across the curriculum center into the senior project course he is teaching. Dr. Smith is a worthy recipient of the Engineering Faculty Professional Award.

## Vincent A. Forte Graduate School Fellowships Awarded

Each year the Louisiana Engineering Foundation (LEF) awards a \$2,000 Vincent A. Forte Graduate School Fellowships to students who are either presently enrolled full-time or who will be enrolling in a graduate program in engineering at one of the universities within the State of Louisiana which has one or more ABET accredited undergraduate engineering programs. The students must also have expressed a sincere desire to enter the teaching profession at the university level upon completion of their graduate education.

This graduate school fellowship program is only one of several major efforts by LEF to reach one of its goals of promotion and support of educational endeavors. These fellowships are given with the intended purpose of encouraging engineering students to pursue graduate studies and to enter the teaching profession. The recipients for the year 2006 are Rebecca C. Schramm attending Louisiana State University and Kellie N. Huckaby attending Louisiana Tech University. These students were presented a plaque at the LA Joint Engineering Societies Conference banquet on January 27, 2006 in Lafayette by Jim

Bowie, a Board Member of LEF. These students are worthy recipients of the Vincent A. Forte Graduate School Fellowships and the Louisiana Engineering Foundation wishes them continued success in their future endeavors.

Funds to cover these fellowships are gifts from such firms as Shell Oil Foundation and Taylor Energy, in addition to many individual and company donations. Additional fellowships and other educational related activities could be initiated if more funds were available. Anyone interested in assisting the LEF in these endeavors should contact the LEF office at 225-928-0229.

### Rebecca C. Schramm

Rebecca would like to pursue research that focuses on ways to add value to the Louisiana rice crop through identifying and quantifying components of interest to the nutraceutical or pharmaceutical markets, or by refining processing parameters. Both of these areas of research has the capacity to enhance the value of a rice crop to Louisiana farmers and possibly are related facets of the same goal. There are many avenues of research in the area of enhancing the value of agricultural crops in Louisiana, which are especially important to investigate with an eye toward Louisiana's long-term economic recovery following this devastating hurricane season. Mrs. Schramm's research would have the goal of helping the farmers of the state, and any knowledge obtained could be quickly disseminated through the LSU Agricultural Center.

Currently, Rebecca is teaching a course in the Biological and Agricultural Engineering Department at LSU. She hopes to find work upon completion of her terminal degree in some area of education. She has an interest in faculty or

extension positions, or perhaps, a special program, such as Communication Across the Curriculum.

The Foundation congratulates Ms. Schramm on her many accomplishments during her college career and is proud to present this fellowship to a worthy recipient!

### Kellie Nicole Huckaby

Kellie's long-term career objective is to take the knowledge she gained at the graduate level and to obtain a position at a facility that specializes in drug delivery or tissue engineering. Ms. Huckaby is currently enrolled in the doctoral program in Biomedical Engineering at Louisiana Tech University. She is working on a project that involves optical glucose sensors for diabetic patients. The main portion of the idea was to create a reaction chamber that holds a glass slide on which the sensors are immobilized. She has been working with a Monte Carlo method of modeling these sensors in order to find the optimal method of detecting the fluorescence of the sensors once implanted into the skin. In the future she hopes to be able to work with this project to actually implant the sensors into actual skin to monitor and evaluate their activity.

When Kellie is not in class she enjoys many outdoor activities, as well as spending time with her family and friends. Some of her hobbies include reading, swimming, camping, traveling, watching movies, and listening to music. She is also very active with the Christian Student Center at the Ruston Church of Christ.

The Louisiana Engineering Foundation congratulates Kellie on becoming a deserving recipient of the Vincent Forte Graduate School Fellowship award!

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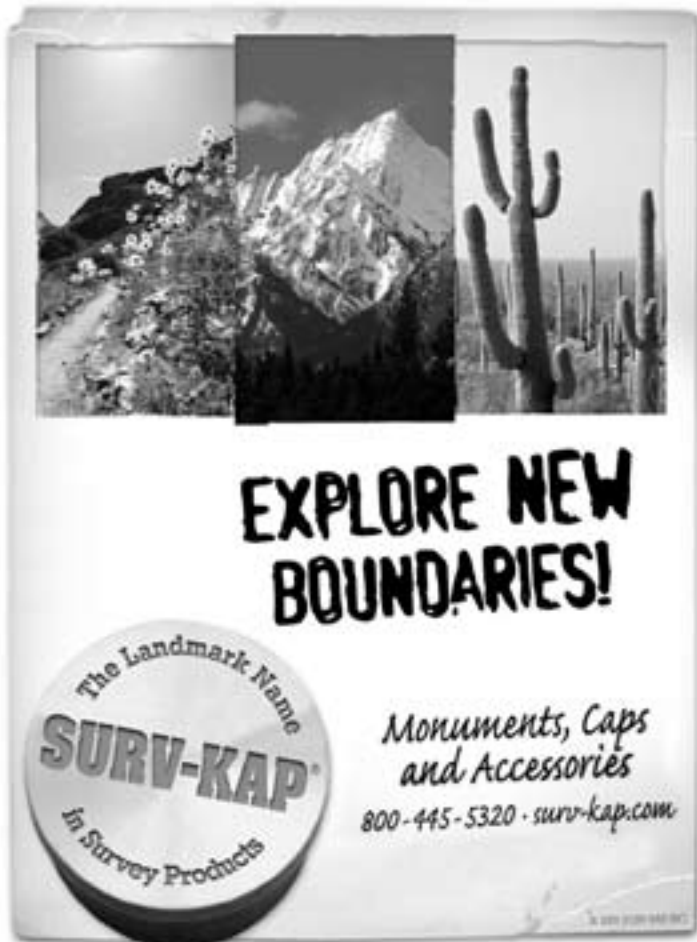
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## A SPECIAL REMEMBRANCE

The membership, Board of Governors, and staff of the American Council of Engineering Companies of Louisiana (ACEC/L) mourn the loss of a gentleman, a professional engineer, fellow member and close friend, ACEC/L's 1988-1989 President, Charles S. Hedges, P.E., FACEC, who passed away suddenly on Friday, December 23, 2005 at the age of 72, the victim of an apparent heart attack.

A native of Warren, PA and a resident of Slidell and Baton Rouge, LA for 32 years, Hedges was a senior consulting engineer for Soil Testing Engineers, Inc., a geotechnical engineering company headquartered in Baton Rouge. A superior "geotech," he was a graduate of Georgia Institute of Technology (Georgia Tech) in 1956 with a Bachelor of Civil Engineering, and in 1961 with a Master of Science in Civil Engineering. While at Tech, he served as president of Phi Gamma Delta fraternity.

In late 1982, Hedges' Slidell, LA firm, Geotechnical Associates Corporation, was inducted as a member of the Consulting Engineers Council of Louisiana (the name was changed in 2002 to the American Council of Engineering Companies of Louisiana). He immediately took an active posture in Council activities by serving as president of the New Orleans Chapter. In 1986, Hedges closed the doors of his firm and became associated with Soil Testing Engineers, Inc., while remaining active within the ACEC/L organization. He served faithfully on the ACEC/L Board of Governors and ultimately became the 1988-1989 President and served as National Director the following year.

Hedges held membership in several professional and technical associations, including the International Society for Soils Mechanics and Foundation Engineering and the American Society of Civil Engineers. He was a past president and member of the board of directors for the Louisiana Groundwater Association where he was instrumental in drafting revised bylaws for the Groundwater Association.

In the legislative arena, Hedges actively lobbied the Louisiana solons on ACEC/L issues, always contacting his representatives and senators when requested to do so. He willingly did the same at the federal level, contacting our Louisiana delegation on various matters. He often went to the state capitol to attend Senate and House Committee meetings and testify on various bills.



*Charles S. Hedges, P.E., FACEC  
09/07/33 – 12/23/05*

For his extraordinary service to the Council over the years, Charles Hedges was inducted into the ACEC College of Fellows in 1991 and was the 1995 recipient of the prestigious A.E. Wilder, Jr. Award, presented to an individual ACEC/L member for outstanding service to ACEC/L.

He is survived by his wife of 49 years, the honorable Patricia T. Hedges, Division "C" judge, 22nd Judicial District, a son, Lloyd, two daughters, Paula and Ellen, and two grandchildren. We extend our most profound condolences to the entire family.

\*\*\*\*\*

## A CALL FOR VOLUNTEERS

ACEC/L is looking for a few good volunteers! We need members who would be willing to serve on the Louisiana Engineers Selection Board, if elected. The term of service is one year. Members who serve on the Selection Board are ineligible from receiving state engineering design contracts during their term of service and six months thereafter. However, a Selection Board member may receive a sub-consultant contract from an architect who has been awarded a prime contract by the Architects Selection Board.

There are two terms that are staggered. If you are interested in placing your "hat in the ring," PLEASE CONTACT THE ACEC/L OFFICE AT (225) 927-7704, FAX AT (225) 927-7779 OR REPLY TO THIS E-MAIL AND INDICATE THE TERM(S) FOR WHICH YOU WOULD LIKE TO BE CONSIDERED.

\_\_\_\_Term I – Beginning July 1, 2006 and ending June 30, 2007

\_\_\_\_Term II – Beginning January 1, 2007 and ending December 31, 2007

The Engineers Selection Board is charged with the important responsibility of awarding state design services contracts on projects that are funded by capital outlay. Please contact the ACEC/L office if you would consider serving on the Selection Board, if elected!

\*\*\*\*\*

## AND WHILE WE'RE ON COMMITTEES...

ACEC, our national organization, has issued a call for 2006-2007 Committee Volunteers. Terms of service would coincide with the April 2006 ACEC Annual Meeting. If you are interested in serving at the national level, you are invited to click on the link that is found in the January 6, 2006 issue of "The Last Word."

You may also access ACEC's website at [www.acec.org](http://www.acec.org).

*Continued on page 24*



**Warren J. Wilder**  
Executive Director

\*\*\*\*\*

## ACEC/L WELCOMES NEW MEMBER

ACEC/L extends a warm welcome to our newest member, HDR ENGINEERING, INC. The Baton Rouge-based A/E firm is a satellite office of the national firm whose headquarters is in Omaha, NE and offers services in Civil, Electrical, Mechanical and Environmental Engineering, Landscape Architecture, and Architecture. Principals include Harold A. Moise, III, Chuck Sinclair, Kevin DeLang, and Glen Ellwers. WELCOME ABOARD, GUYS!

\*\*\*\*\*

## ACEC/L ANNOUNCES "OUTLOOK FOR REBUILDING LOUISIANA" EVENT

The ACEC/L Committee of Committees announces its main event, "Outlook for Rebuilding Louisiana." The committee, composed of the chairs of the Legislative Committee, Membership Development, Public Relations, Continuing Education, and chaired by the ACEC/L Treasurer, Larry Blanchette, decided to combine the postponed "Project Outlook" seminar and a Membership Development drive with the "Breakfast with the Legislators" into one major event. It will be held at the Sheraton Baton Rouge Conference Center, on France Street in downtown Baton Rouge next to the levee on MONDAY, APRIL 10, 2006. There will be a block of sleeping rooms available at the Sheraton.

The day-long event will begin with breakfast with the Legislators at which time the ACEC/L legislative program will be officially unveiled to the solons. The Regular Session of the Louisiana Legislature will have convened a couple of weeks prior to the ACEC/L event. After breakfast, there will be seminars during the day until 4:30 P.M., with the opportunity for attendees to earn several PDHs. Agencies that will be participating include the Louisiana Department of Transportation and Development (LDOTD), the Louisiana Department of Natural Resources (LDNR), the Corps of Engineers, and an hour on Ethics. Each speaker will be asked to address remarks explaining his agency's specific rebuilding efforts of the devastated areas in Louisiana caused by hurricanes Katrina and Rita.

The committee has planned a noon luncheon to which Governor Kathleen Blanco, Lake Charles Mayor Randy Roach and New Orleans Mayor C. Ray Nagin have been invited to make some brief remarks about their cities. SAVE THE DATE! APRIL 10, 2006. MARK IT ON YOUR CALENDARS! MAKE PLANS NOW TO ATTEND! ACEC/L will be sending out invitations shortly, brochures outlining all details and registration forms.

\*\*\*\*\*

## PROFESSIONAL ORGANIZATIONS DEFEND QBS

After several weeks of lobbying the East Baton Rouge Parish Metro Council, representatives of the Baton Rouge Chapters of the American Council of Engineering Companies of

Louisiana (ACEC/L), the Louisiana Engineering Society (LES), the American Society of Civil Engineers (ASCE), the Louisiana Section of the American Institute of Architects (AIA/L), and the Louisiana Society of Professional Surveyors (LSPS), working as a coalition, successfully defended the Qualifications-Based Selection procedure that has been used by the City/Parish design professional selection boards for the past 16 years. After a recent controversial decision by the Engineers-Surveyors Selection Board for a Program Manager for the lucrative City-Parish Infrastructure and Street Improvement Program, one of the unsuccessful teams filed a protest challenging the decision of the Selection and the selection procedure itself. One of the Councilmen then introduced three proposed ordinance amendments, two of which would have dramatically altered the selection procedure, authorizing the Mayor-President (or the Director of the Department of Public Works) to ultimately award contracts with or without the selection board's input, thereby greatly diminishing the importance and need for the selection boards. The third proposal would have, in effect, rescinded the original decision of the selection board and would have re-awarded the contract to the Mayor's original choice.

Members of the various professional organizations responded to calls for help from their Executive Directors and representatives by repeatedly contacting and visiting all members of the Metro Council and urging them to strongly oppose the movement to change the selection board's decision and procedure. Because of the pressure that was laid to bear on the Metro Council regarding this issue, and the interest and concern that was exhibited by all the organizations involved, the Council moved to validate the recommendation of the Metro Council's Finance & Executive Committee to delete the proposals and to create a vehicle to allow representatives of the professional organizations, Metro Council, and the Chamber of Commerce to sit in roundtable and deliberate on establishing guidelines to handle complaints or protests, and to determine if the current selection procedure could be improved upon.

Hailed as a major victory in defense of Qualifications-Based Selection by the Louisiana professional engineering, architects, and surveyor's organizations, the Metro Council decision left no time for rejoicing and back-slapping. The organizations will now be busy appointing members to serve on the roundtable task force and to begin deliberation, discussion and negotiation among the participants with the goal of achieving an agreement on the issues under review.



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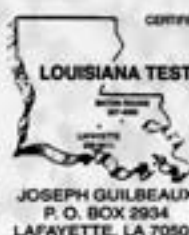


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# L'ARPELLEUR LOUISIANE

David L. Patterson, P.L.S.

## Farewell

I would like to begin by offering a heartfelt "thank you" to, our recently retired, LAPELS Executive Director H. Glen Kent, Jr. Mr. Kent has provided over nine (9) years of leadership and dedicated service to the LAPELS office. I am particularly proud of his service because, as a registered land surveyor, Mr. Kent is one of our own, having also been a long time member of LSPS. In addition to his tenure at LAPELS, Mr. Kent spent five years as an Assistant Attorney General, eleven years as the Public Lands Administrator for Louisiana, is a U. S. Army Reservist, Licensed Attorney and frequent lecturer. It is rare to have been the beneficiary of one with such varied knowledge and experience and, while he is retiring and moving on to private practice, we hope to see him continue his regular involvement with LSPS and lecturing throughout the State.

## Ethics and Professionalism (part one of two)

Before his retirement, Mr. Kent was a guest lecturer of LSPS District 6. The topic was ethics and, with Mr. Kent's background as a lawyer and experience as Executive Director of LAPELS, provided a very unique and insightful look at ethics and its relationship to our profession. In regards to specific ethical scenarios, Mr. Kent was able to provide the "LAPELS line", the legal interpretation and also the Professional Surveyors' angle. Much of what I will write I borrow from Mr. Kent's presentation which can also be found on the LAPELS website ([www.lapels.org](http://www.lapels.org)).

I must admit that for the first time I fully appreciated just how closely ethics is intertwined in any "Profession". The "Rules of Professional Conduct" must be implicitly understood by every surveyor and can also be found on the LAPELS website. All professions are governed by ethical standards or rules of professional conduct and professionals are deemed

worthy of policing themselves. LAPELS recognized the importance of ethics and as a result requires that a minimum of one hour every two years be dedicated to professional ethics while the other 15 hours can cover any of hundreds of other subjects.

Central to any discussion of ethics is the definition of "Profession". What separates a Profession from any other occupation, vocation or trade? According to Black's Law Dictionary, what separates them is that a Profession requires special, usually advanced, education and skill. The labor and skill involved in a profession is predominantly mental or intellectual, rather than physical or manual. The term originally applied only to theology, law and medicine, but as applications of science and learning are extended to other departments of affairs, other vocations also receive the name, which implies professed attainments in special knowledge as distinguished from mere skill. Another key precept, that must not only be understood but assimilated into our way of thinking, is the fact that any surveyors primary responsibility is to the HEALTH SAFETY AND WELFARE OF THE PUBLIC (not your client). This idea must drive our decisions and our judgment. Like the moves of a highly trained athlete this idea must be so ingrained as to be a reflex rather than a mental wrangling.

I could write for pages about ethics but instead will concentrate my efforts on two particular issues. The first of these issues is the idea of reporting on your fellow surveyor. In our rules of professional conduct, Rule 2501.D states the following: "A licensee possessing knowledge of a violation of L.R.S. 37:681-37:703 or the board rules found in LAC 46:LXI shall report such knowledge to the board in writing and shall cooperate with the board in furnishing such further information or assistance as it may require". Has this Rule sunk in? In case it



David L. Patterson, P.L.S.  
*President*  
Louisiana Society of  
Professional Surveyors

hasn't let me rephrase it. All surveyors are required by our rules and laws to report any violation of the rules and laws to the LAPELS Board. It is in black and white and there is no ambiguity or room for exceptions. This whole issue goes back to the surveyor's paramount responsibility being to public health, safety and welfare and not to another surveyor who may even be your best friend.

You may think that this issue ends here but it doesn't. Fortunately there is something called PROFESSIONAL COURTESY. As professionals we are expected to use our good judgment. What you have never heard from the LAPELS Board (and will probably never hear) is that there is some latitude here. If, in the surveyor's opinion, the violation is minor and of minimal or no impact to public health, safety and welfare, then it is my opinion that a surveyor should contact the violator and give them the opportunity to correct the problem. This is a very personal issue that should not be taken lightly because it carries with it some important implications. If you choose "professional courtesy" then you are technically in violation of our "Code of Professional Conduct" and possibly subjecting yourself to liability. Should the matter lead to injury of the public and it can be proven that you had knowledge of this violation then you could be liable for damages.

I encourage you to take responsibility for your professional ethics. Read and become intimately familiar with our Rules and Laws as they relate to ethics and our code of professional conduct.

**Stay tuned for part two.**

# IN MEMORY

**R.B. LaCroix, Jr.**

**February 2, 1935 to November 18, 2005**

**M**r. "R.B." began his surveying career while serving in the army and stationed at Fort Belvoir, Virginia from 1953-1954. He attended the army's construction surveying school and was classified as Battalion Surveyor.

After leaving the army in 1956, he returned to central Louisiana and was employed by Pan-American Engineers. A year later he moved to Natchitoches, where he worked for Mr. A.J. Brouillette until 1960. "R.B." then worked for the Louisiana Department of Transportation and Development for three years. In 1963 he returned to Alexandria, and began working for Louis J. Daigre until 1967. During this time, he completed his requirements to become a P.L.S. and was registered as No. 282 in 1964.

In 1967, Mr. "R.B." teamed up with Jim and Art Meyer as a founding partner of the consulting firm of Meyer, Meyer, LaCroix, and Hixon. He worked there until his retirement in 1998.

Mr. "R.B." was a member of Palestine Methodist Church, Louisiana Engineering Society, National Rifle Association, American Legion, and AmVets. He became a member of L.S.P.S. in 1966 and actively served in District 8 over a forty-year period.

He is survived by his wife, Pauline LaCroix of Pineville; his sons, Kelly LaCroix and wife Brenda of Alexandria, and Kenneth LaCroix and wife Paula of Pineville; his daughters, Carolyn DeVille of Colfax, Angela Hallack and husband Dennis of Monroe, and Della Morris and husband Ted of Houston, Texas; his grandchildren, Kurtis Jowers, Grant LaCroix, Allison LeCroix, Nicholas DeVille, Tiffany DeVille, Amanda LaCroix, Hillary LaCroix, Barron DeVille, Sam Hallack, Matthew LaCroix, Alex Morris, Adam Morris, and Abigail Hallack.



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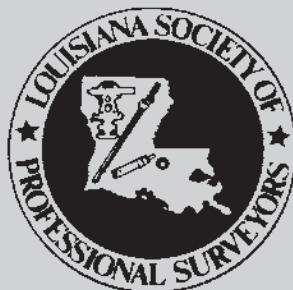
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# FOR GOOD MEASURE

by Ronda Courville, LSPS Administrator

**W**hat a year 2005 has been! We welcome the New Year, and pray it will be a great year for you. A few things to mention:

1. LSPS and NSPS have disaster assistance funds available to help surveyors with recovery from Katrina and Rita. The Application for Assistance is included in this newsletter. We realize many are just now getting some form of normalcy in their lives, and can now take the time to focus on the future. LSPS and NSPS have collected funds to assist you – please send in the completed application and someone will be contacting you regarding the request.
2. The 2006 Convention at Sea is rescheduled for May 11-15, 2006! We will be sailing from Galveston, TX aboard the Carnival Ecstasy. Make plans now to attend – it will be an exciting time!
3. Map & Plat information has been mailed. We have also sent out Trig-Star information to schools around the state. Help pass the word along to any high-school student who may be interested. If their school completes and returns the request, a member of LSPS will contact them to arrange the Trig-Star competition.
4. The LSPS Education Scholarship application is included in this newsletter issue. If you are aware of a senior who is planning to pursue a career in surveying or a related technical field, please have them complete the form and requirements, and send to LSPS. Let's work together to promote the profession!

God Bless,  
Ronda

## NEW 2005 ALTA/ACSM LAND TITLE SURVEY STANDARDS

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**Return this application along with:**

- ☐ School transcript,
  - ☐ Three character recommendations (no relatives) and extracurricular activities to the address above.
- DEADLINE March 1, 2006.**

1. **Personal Information**

Name \_\_\_\_\_

Address \_\_\_\_\_ Parish \_\_\_\_\_

\_\_\_\_\_ Phone \_\_\_\_\_

Parent/Guardian \_\_\_\_\_

2. **High School Information**

School Name \_\_\_\_\_ Phone \_\_\_\_\_

School Address \_\_\_\_\_

Principal/Counselor \_\_\_\_\_

3. Intended college major \_\_\_\_\_

4. Did applicant participate in the LSPS Trig-Star Competition? Yes \_\_\_\_\_ No \_\_\_\_\_

**THIS SECTION MUST BE CERTIFIED BY YOUR HIGH SCHOOL COUNSELOR**

**Academic Background**

ACT Composite Score \_\_\_\_\_

High School Grade Point Average \_\_\_\_\_ (seven semesters)

\_\_\_\_\_ **Signature of High School Counselor**

# Louisiana Society of Professional Surveyors

## Disaster Relief Application

Louisiana Society of Professional Surveyors is working with NSPS to aid the surveying community in helping to rebuild after Hurricanes Katrina and Rita. If you need assistance please complete the form and fax to LSPS. We will assist as many in our profession as possible.

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**Phone: 225/925-5800**  
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Address: \_\_\_\_\_ City: \_\_\_\_\_

Zip: \_\_\_\_\_ Home Telephone: \_\_\_\_\_ Work Telephone: \_\_\_\_\_

Employer Name and Address: \_\_\_\_\_  
\_\_\_\_\_

Statement of needs and planned use of proceeds: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature: The undersigned, by signature on this document, verifies that the above information is true and complete and that he/she has a valid need for funds.

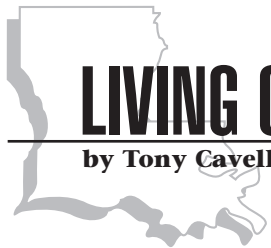
Applicant's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Applicant's District Chairman: \_\_\_\_\_

To be completed by Processing Committee

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# LIVING ON THE EDGE

by Tony Cavell

**"A** standard, reliable vertical federal/state geodetic control network does not exist in Louisiana."  
— NGS August, 2001

Events of the last few years have highlighted the importance and difficulty of determining accurate heights in Louisiana and the Gulf Coast. The August, 2001 Report to Congress by NGS reads, in part, "Rapid land loss and continuous elevation (height) changes in Louisiana require a well-managed and monitored federal/state geodetic control network to protect the environment, ensure safety of its citizens, and enhance prosperity within the state." It continues, "A standard, reliable vertical federal/state geodetic control network does not exist in Louisiana." Still later it states, "Most of the vertical elevations (heights) used by surveyors and engineers have not been calibrated, or checked, since 1988 and may currently be in error of one foot or more."

## FIRMS WITHHELD FOR ADDITIONAL STUDY

A quick on-line check of Flood Insurance Rate Maps at FEMA's website shows some coastal FIRMs dating from 1985. FEMA has been using LiDAR to map the state with new FIRMs in mind. They were almost ready to distribute some new ones when the two unwelcome ladies, Katrina and Rita paid the state visits and provided "on the ground" evidence of where contours should be drawn on the new maps. Meanwhile they are undergoing additional review and (optimistically) may be issued mid-year of 2006. Until then, Hurricane Katrina Flood Recovery Maps should be used. There is a catch. The instructions are to use the National Geodetic Vertical Datum of 1929. No one knows where that is. FEMA's advice is to apply the NGS script "VERTCON" to satisfy their requirement.

## LSU RESEARCHERS ENABLE VALIDATION

In the meantime, research by the LSU Center for GeoInformatics (LSU C4G) was published as NOAA Technical Report 50 (Shinkle and Dokka) that computed vertical velocities for over 2700 NGS benchmarks based on leveling data collected between 1920 and 1995. This study enabled NGS to validate 85 of those marks effective August 2004. NGS promulgated their new list shortly after the storms' passages to facilitate ongoing surveys and recovery efforts. Unfortunately, at the vertical rates indicated by the NGS list, many of the points will become stale within a year. Fortunately,

several of the CORS in LSU C4G's GULFNet system were also validated. A new revision to GOID03 was also made.

## HEIGHT DEFINITIONS

There are many definitions of height. Orthometric height (H) is the height from the geoid to the Earth's surface (or the point of interest). It is frequently mis-called "height above mean sea level" and is what is usually measured by spirit leveling. Ellipsoid height (h) is the height from the ellipsoid to the Earth's surface (or the point of interest). It is easily determined by means of GPS. Geoid height (N) is the height of the geoid above the ellipsoid. It is determined through gravity measurements. The simplified relationship between them is:  $N = h - H$ .

### There are also:

**Normal Height (NGVD29)**  $H^* = C / \gamma$ .  $\gamma$  = Average normal gravity along plumb line.

**Dynamic Height (IGLD55,85)**  $H_{dyn} = C / \gamma_{45}$ .  $\gamma_{45}$  = Normal gravity at 45° latitude.

**Orthometric Height**  $H = C / g$ .  $g$  = Average gravity along the plumb line.

**Helmert Height (NAVD 88)**  $H = C / (g + 0.0424 H)$ .  $g$  = Surface gravity measurement (mgals).

## TIDAL DATUMS

Mean Sea Level deserves some discussion. Local Mean Sea Level (MSL) is the average height of the sea surface for all stages of the tide over a 19 year period, usually determined from hourly height readings. The NATIONAL TIDAL DATUM EPOCH (1983-2001) (NTDE) is a specific 19-year period over which tide observations are taken to determine Mean Sea Level and other tidal datums. The 19-year period includes an 18.6 year astronomical cycle that accounts for all significant variations in the moon and sun that cause slowly varying changes in the range of tide.

### Tidal Datums include:

**Mean high water -- (MHW)** The average height of the high waters over a 19 year period.

**Mean higher high water -- (MHHW)** The average height of the higher high waters over a 19 year period.

**Mean low water -- (MLW)** The average height of the low waters over a 19 year period.

**Mean lower low water -- (MLLW)** The average height of the lower low waters over a 19 year period.

**Mean sea level -- (MSL)** The average height of the sea surface for all stages of the tide over a 19 year period, usually determined from hourly height readings.

**Mean tide level -- (MTL)** A plane midway between mean high water and mean low water. Not necessarily equal to mean sea level.

Tidal datums vary significantly from place to place and so are local in nature. As surveyors were able to measure precisely enough to see discrepancies NGS noted, in 1973 the Sea Level Datum of 1929 was derived from the overall average sea, level of 26 tide stations, the official elevation at any particular one of these tide stations does not necessarily reflect the actual local "mean sea level." In order to avoid such apparent confusion and the costly errors name of the vertical control datum was changed to the "National Geodetic Vertical Datum of 1929."

## NAVD 1988 -- GOING FORWARD IN LOUISIANA

In June 1993 NGS delivered the North American Vertical Datum of 1988 (NAVD88). It was held fixed at Fathers Point in Quebec, Canada and is a best fit to one million kilometers of leveling. It is the current vertical datum for the U.S. The obvious choice for accurate communication between surveyors, politicians, bureaucrats and the public is NAVD 1988. Whenever a surveyor is required to report in an obsolete datum, he should "show his work" by including the NAVD 1988 results also.

Since 2001 the Louisiana Spatial Reference Center has been housed by LSU C4G who has been developing the system of GPS CORS called GULFNet. If continued funding is made available, the plan is to develop GULFNet to provide accurate 3-D positional data throughout Louisiana and the Gulf Coast. With diligent effort and sufficient resources, GULFNet can give the state the accurate vertical references she deserves for years to come.

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*Tony Cavell is a licensed Louisiana Professional Land Surveyor, former President of LSPS and currently serves as Associate Director of the LSU C4G & LSRC.*

## 2006 LSPS CONVENTION AT SEA SEMINAR SCHEDULE

### MAY 11, 2006 ABOARD THE BUS

*Ethics -2pdh*

### MAY 12, 2006 AT SEA

8:00 AM til 10:00 AM-2pdh

#### ***Techniques in teaching the Boy Scout***

*Surveying Merit Badge*

*Speaker-Wayne Hebert*

10:00 AM til Noon-2pdh

#### ***Historical perspectives of Surveying***

*Speaker-Ralph Gipson*

### MAY 14, 2006 AT SEA

8:00 AM til 9:00 AM-1pdh

#### ***Leica Technical Presentation***

9:00 AM til 10:00 AM-1pdh

#### ***Panel Discussion—Surveying Nightmares***

*Some of the toughest challenges we've faced as surveyors.*

10:00 AM til 11:00 AM-1pdh

#### ***Trimble Technical Presentation***

11:00 AM til Noon-1pdh

#### ***Technical Presentation—TBA***

***Total Of 8 Hours Continuing Education On Board The Ship***



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***Louisiana Society of Professional Surveyors  
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CARNIVAL'S ECSTASY  
SAILING FROM GALVESTON, TEXAS  
4-Night Cruise  
May 11-15, 2006***

**RATES PER PERSON: (Based on Double Occupancy)**

	<b>Cruise</b>	<b>Taxes</b>	<b>Total Each</b>
<b>INSIDE CABIN - 4A</b>	<b>\$340.00</b>	<b>\$115.80</b>	<b>\$455.80</b>
<b>OUTSIDE CABIN - 6A</b>	<b>\$400.00</b>	<b>\$115.80</b>	<b>\$515.80</b>
<b>DEMI SUITE – 11</b>	<b>\$740.00</b>	<b>\$115.80</b>	<b>\$855.80</b>
<b>SUITE – 12</b>	<b>\$840.00</b>	<b>\$115.80</b>	<b>\$955.80</b>

**ABOVE PRICE DOES NOT INCLUDE SEMINAR FEE OF \$100 PER CABIN**

**PAYMENTS:**      DEPOSIT: \$200.00 PER PERSON – **Due Now**  
FINAL PAYMENT: **March 2, 2006**

**NOTE:**

- You must provide your legal names to book your reservations. Name changes are subject to a \$75 fee.
- Minimum age to travel on Carnival Cruise Lines is 21 years of age unless traveling with parent or guardian age 25 or older in the same room.
- Above rates are not guaranteed until deposit is paid.
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- Rates for 3<sup>rd</sup> & 4<sup>th</sup> persons sharing your cabin are available on request.
- Optional travel insurance is highly recommended. Call for details.
- Deposits are refundable until February 15, 2006, when cancellation penalties will begin.
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# SIGN UP SHEET

## CITIZENSHIP


jody@crowntourtravelinc.com



# 2006 Map & Plat Contest Official Entry Form

Sponsored by the **Louisiana Society of Professional Surveyors**

LSPS, 9643 Brookline Ave, Ste 108, Baton Rouge, LA 70809 ♦ (225)925-5800 ♦ Fax (225)925-5802 ♦ E-mail: [lsps@bellsouthnet](mailto:lsps@bellsouthnet) ♦ Website: [lsps.net](http://lsps.net)

This will be a judged contest. A maximum of three maps per category will be exhibited at the 41st Annual Convention in Alexandria, Louisiana. Entrants must be a member of LSPS. **The entry must have been completed after June 30, 2004**, and may not have previously been entered in any LSPS contest. The entry may be freehand or machine drafted.

Submit **ONE (1)** folded print for each entry with a maximum map size of 34" by 44". **All entries must be folded to fit in a 9" by 12" envelope.** Submissions must be a single drawing; it may originate as part of a set of drawings, however, it must be entered as a single sheet. Use one entry form per document submitted. An entry fee of \$15 must accompany each form. Winners will be contacted to send a print for display at the LSPS Annual Convention. The first prize winners will be entered in the ACSM/NSPS 2005 Map & Plat Contest.

All entries will be judged on adherence to the criteria as set forth by the LSPS committee. The judges will consider interpretability, content and layout of data shown, presentation, innovation, applicability to typical client or persons using this type of map, and correctness. Neatness and accuracy of scale shall also be considered.

## CATEGORIES

- |    |  |                          |
|----|--|--------------------------|
| 1. | Subdivision Plats  | <input type="checkbox"/> |
| 2. | Boundary/Cadastral Maps  | <input type="checkbox"/> |
| 3. | Topographic Maps   | <input type="checkbox"/> |
| 4. | ALTA/NSPS Survey Maps  | <input type="checkbox"/> |
| 5. | Miscellaneous Maps<br>(Permit drawings, Hydrographic maps, etc.) | <input type="checkbox"/> |
| 6. | Color Presentation-Plans & Maps<br>(All Categories)              | <input type="checkbox"/> |

(Only one Category may be checked)

**An entry fee of \$15 must accompany this form**  
(Make checks payable to LSPS)

### Submit this entry form and fees to:

Map & Plat Contest Chairman  
Louisiana Society of Professional Surveyors  
9643 Brookline Avenue, Suite 108  
Baton Rouge, LA 70809

Entrant's Name: \_\_\_\_\_

Company or Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Zip Code: \_\_\_\_\_

Phone: (W) \_\_\_\_\_ (H) \_\_\_\_\_

Title of Entry: \_\_\_\_\_

Description of Project: \_\_\_\_\_

### Name and Address of Nominator if other than entrant.

Name/Address/Company: \_\_\_\_\_

(Use one entry form per document submitted)

\* THIS FORM MAY BE REPRODUCED.

I give my permission for this entry to be placed on display at any LSPS, ACSM or NSPS sanctioned exhibit on cartography or map design. Also, I understand that entries may be reproduced in any LSPS, ACSM or NSPS sanctioned publications, that winning entries may be duplicated, reproduced, or copied and sold by LSPS, ACSM or NSPS, and that the winning contest entries may be placed in the map collection of NSPS at the Michigan Museum of Surveying. No entries will be returned. The decisions of the judges are final.

Signature : \_\_\_\_\_ Date: \_\_\_\_\_

FOR LSPS OFFICE USE ONLY: Map & Plat Contest Entry Number \_\_\_\_\_

## **ENTRY DEADLINE MARCH 1, 2006!**



## Application For Membership

# Louisiana Society of Professional Surveyors

Affiliated with American Congress on Surveying and Mapping & the National Society of Professional Surveyors  
9643 Brookline Avenue, Suite 108, Baton Rouge, LA 70809 • Phone (225)925-5800 • Fax (225)925-5802  
E-MAIL: [lsps@bellsouth.net](mailto:lsps@bellsouth.net) • WEBSITE: [www.lsps.net](http://www.lsps.net)

### PLEASE COMPLETE THE FOLLOWING SPACES

Registration Number: \_\_\_\_\_

Name: \_\_\_\_\_  
LAST FIRST MIDDLE

P.L.S. ☐ P.E. ☐ Other \_\_\_\_\_

Home Address: \_\_\_\_\_  
STREET CITY & STATE ZIP CODE

Home Phone: \_\_\_\_\_

Business Affiliation: \_\_\_\_\_ Position or Title: \_\_\_\_\_

Business Address: \_\_\_\_\_  
STREET CITY & STATE ZIP CODE

Business Phone: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

Fax Phone: \_\_\_\_\_

Education: \_\_\_\_\_  
SCHOOL DATE GRADUATED DEGREE

Surveying Experience \_\_\_\_\_  
# YEARS

**NOTE: A brief educational and professional record must be attached if applicant is not a P.L.S. or P.E.**

Member of ACSM: ☐ Yes ☐ No

REFERENCE (LSPS Member, if possible)

Name: \_\_\_\_\_ Address: \_\_\_\_\_

GENTLEMEN:

I hereby apply for admission into the Louisiana Society of Professional Surveyors as a \_\_\_\_\_ Member, and agree to comply with the Charter, By-Laws and the Code of Ethics of the Association. Please assign me to the following district:

District 1 – New Orleans ☐  
District 4 – Shreveport ☐  
District 7 – Lake Charles ☐

District 2 – Houma ☐  
District 5 – Monroe ☐  
District 8 – Alexandria ☐

District 3 – Lafayette ☐  
District 6 – Baton Rouge ☐  
District 9 – Covington ☐ Out-of State ☐

Date: \_\_\_\_\_

APPLICANT'S SIGNATURE

## CLASSES OF MEMBERSHIP

### REGISTERED MEMBER

Any person holding a license from the State of Louisiana or any of its agencies authorizing such person to engage in the practice of Land Surveying. Registered Members shall be entitled to vote on all matters and hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$65.00

### MEMBER

Surveyors registered in a State or Country other than the State of Louisiana. Members shall be entitled to vote and hold any Office except that of President or Vice-President.

INITIATION FEE \$10.00 ANNUAL DUES \$45.00

### STUDENT MEMBER

Any undergraduate student of an Engineering School recognized by the Board. Student Members shall not be eligible to vote or hold any Office in the Corporation.

ANNUAL DUES \$10.00

### ASSOCIATE MEMBER

Any person recognized and so admitted by the Board of Directors intending to become a Land Surveyor, but not licensed by the State of Louisiana or any of its agencies to engage in the practice of Land

Surveying in the State of Louisiana. An Associate Member must attain the Status of Registered Member within eight (8) years of cumulative membership or he shall thereupon be reclassified as an Affiliate Member. Associate Members shall be eligible to vote but not to hold office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

### AFFILIATE MEMBER

Any person not included within the definitions above provided in paragraphs 1,2,3 and 4 interested in advancing the cause and aims of the Corporation. Affiliate Members shall not be eligible to vote or hold any Office in the Corporation.

INITIATION FEE \$10.00 ANNUAL DUES \$35.00

### SUSTAINING MEMBER

Any firm or individual desiring to support the aims and objectives of the Association, who may or may not be entitled to one of the foregoing classes of Membership, may become a Sustaining Member upon application and approval by a majority vote of the Board of Directors. Sustaining Members shall not be eligible to vote or hold any Office in the Corporation, however, if a Sustaining Member also holds another class or other classes of membership, that Sustaining Member class shall not infringe upon such rights and privileges.

ANNUAL DUES \$150.00

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