

Louisiana Engineer & Surveyor Journal

February 2004

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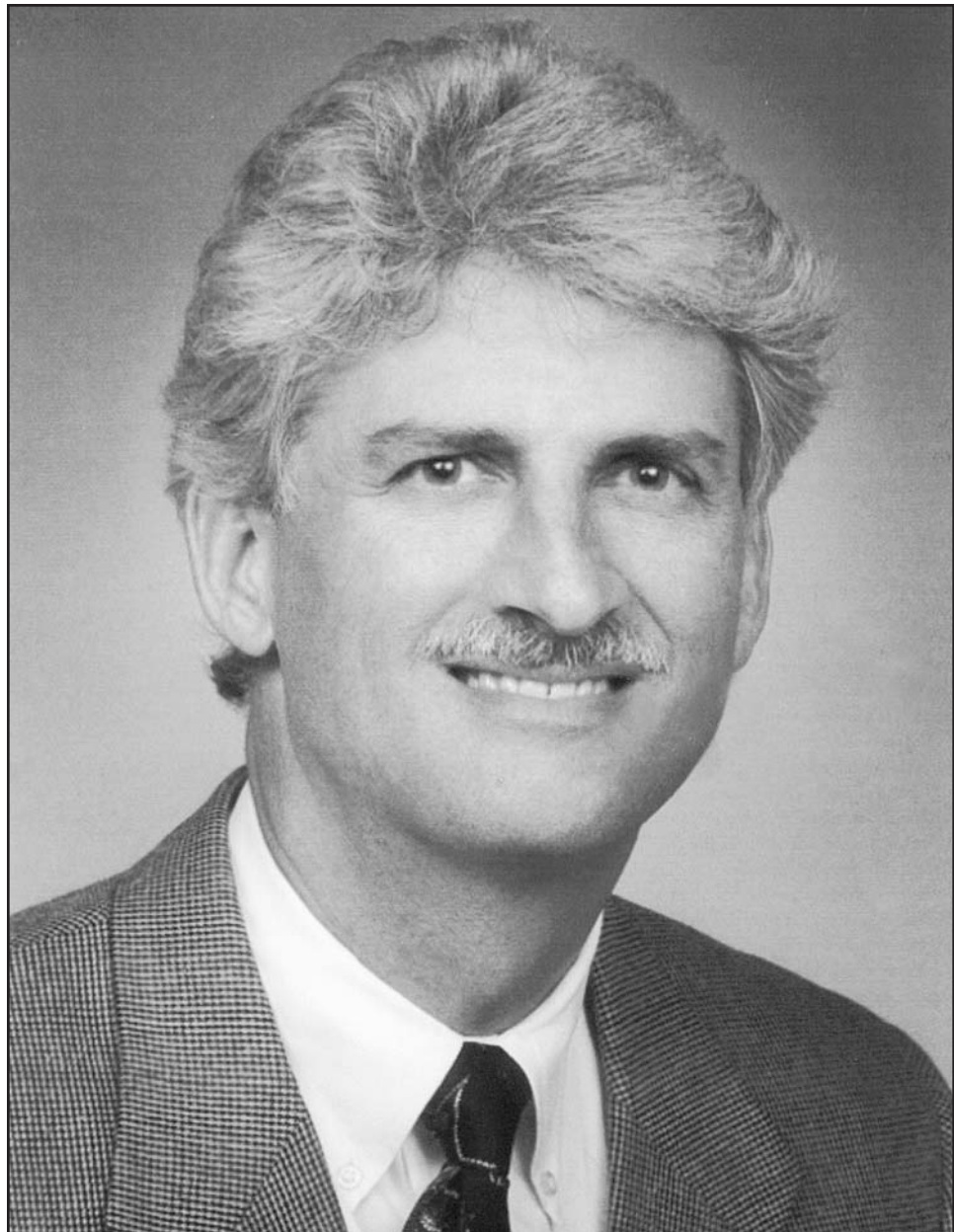
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Wilfred B. Barry, P.E., P.L.S.

**2003-2004 President
American Council of Engineering Companies of Louisiana**



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1/2 Page	\$500	\$1500
1/4 Page	\$300	\$900
Business Card Ad	N/A	\$250

- 1) Prices quoted apply to camera-ready copy. A one-time charge will be added for composition of an ad, art work, or if changes are made during the contact period.
- 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.

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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

Bijan Sharafkhani, P.E.



Bijan Sharafkhani, P.E.
Chairman

Louisiana Professional
Engineering and Land
Surveying Board

EXAM DEVELOPMENT AND GRADING SYSTEM

We are often asked how the National Council of Examiners for Engineering and Surveying (NCEES) develop a new exam and how the passing scores are determined.

The first step in the developing of an exam is to conduct a Professional Activities and Knowledge Survey (PAKS). The process consists of sending out questionnaires to practitioners in that field, soliciting their input in establishing specifications, and their respective ranking based on their importance and applicability. The specifications denote the question types and the ranking reflects the number of questions that would appear in the exam for that specification. The next step in the process is to write questions (items). The item writers are all volunteers; they are licensed professional engineers and they are diverse in terms of ethnicity, gender, age and experience. Each question is

reviewed and solved independently by at least four other volunteers, to ensure that a minimally competent examinee could solve it within the allotted time. After the administration of the exam, the task of establishing cut score begins by NCEES. To accomplish this, they call upon a panel of volunteers, again a diverse group of licensed professional engineers, representing a cross-section of the population, who were not involved in exam development, to participate in cut score study. The volunteers take the same exam with similar conditions as the candidates. The exams are then graded and returned to the panel either on the same day or the next day. The volunteers with the assistance of a facilitator deliberate on each question and reach a consensus on a score that a minimally competent candidate would be able to achieve. This process will continue for all the questions on that exam. These scores are added; with the use of sound

psychometric procedures, they are adjusted to represent a 70 % passing score. For future exams, the passing score is equated to allow for variability. Generally, NCEES conducts a PAKS every four to five years. Given the strenuous process of cut -score study, NCEES should be lauded for its effort for notifying the examinees of their results within 8 to 12 weeks of exam administration.

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MARK YOUR CALENDAR

LAPELS Board Meeting Dates

March 15-16, 2004
May 24-25, 2004
July 19-20, 2004



LAPELS

LAND SURVEYOR INTERN EDUCATIONAL REQUIREMENTS TO CHANGE

Robert A. "Tony" Huval, P.E.



Robert A. "Tony" Huval, P.E.
Deputy Executive Secretary

At the November 17-18, 2003 meeting of the board, a motion was approved that will change the education requirements for Land Surveyor Interns. The change will not take effect until June 1, 2005 to accommodate those who are "in the pipeline" (working towards meeting the current educational requirements). Before the changes are discussed, I would like to list the current LSI educational requirements. The current requirements were approved by the Board at the January 2001 meeting. The requirements are:

1. The applicant shall hold a baccalaureate degree from a curriculum of four years or more.
2. An applicant for Land Surveyor Intern certification must complete fifteen (15) semester hours with a grade of "C" or better, from college courses in surveying, mapping and real property listed in Group A. These 15 hours must include 3 hours in Boundary Surveying and, at least, 2 hours selected from the Mapping Courses. Semester hours required from Group A and Group B must be completed before a P.L.S. application can be submitted to the Board.

Group A			
Surveying Courses			
Basic Surveying	Route Geometrics/ Route Surveying	Subdivision Design	Legal Aspects of Surveying
Practical Surveying	Topographic Surveying	Advanced Surveying	Evidence and Procedures for Boundary Location
Surveying Practice	Hydrographic Surveying	Geodetic Surveying	Louisiana Surveying and Land Law
Construction Surveying	Surveying Computations	U.S. Public Land Surveys	Boundary Surveying
Mapping Courses			
Drafting /Graphics/CAD	GPS	Air Photo Interpretation/ Remote Sensing	GIS
Geodesy	Mapping	Photogrammetry	Cartography
Real Property Courses			
Real Estate and Land Economics	Real Estate Principles	Real Estate Valuation	Real Estate Law

3. An applicant for Land Surveyor Intern certification must complete an additional 15 hours, with a grade of "C" or better, from college courses or educational areas listed in Group A and/or Group B. No more than 3 hours will be allowed in each college course or educational area listed in Group B.

Group B			
College Trigonometry	Calculus	Legal Research	Dendrology
Analytic Geometry	Computational Methods	Contracts and Specifications	Botany (plant identification)
Linear Algebra	Probability and Statistics	Public Speaking	Surveying Seminars (2 hrs. max.)*

4. The applicant must have satisfactorily completed the LAPELS web-based course on Professionalism and Ethics.

The new Land Surveyor Intern educational requirements scheduled to take effect June 1, 2005 are as follows:

1. The applicant shall hold a baccalaureate degree from a curriculum of four years or more.
2. The applicant shall complete at least **30 semester hours of college surveying courses approved by the Board with a grade of "C" or better in Surveying, Mapping and Real Property listed in Group A.** The 30 hours must include 3 hours in Boundary Surveying and, at least, 2 hours selected from the Mapping Courses.
3. The applicant must have satisfactorily completed the LAPELS web-based course on Professionalism and Ethics.

The change consists of *increasing* the number of Group A semester hours from 15 to 30 and *eliminating* the requirement of 15 hours from Group B. The reason for the change is that in the opinion of the Board, successfully completing 30 semester hours from Group A would indicate core knowledge of Group B.

Please note that if you are currently "in the pipeline", you have until June 1, 2005 to complete the current educational requirements and apply to the Board for certification as a land surveyor intern. Applications received after June 1, 2005 must meet the new educational requirements.

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.

Examinations in the discipline of 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:

	October 29-30, 2004	
April 15-16, 2005		October 28-29, 2005

For the October, 2004 examination:

(1) First-time applications must be received by the Board Office not later than June 1, 2004. 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 June 1, 2004.

(3) Student Intern applicants must submit the completed application to their Dean of Engineering. They must also register with NCEES to reserve a seat for the examination and pay the examination fee required by NCEES.

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.

LAPELS



ENFORCEMENT REPORT

Robert E. Eddleman, Acting Director of Enforcement

The Enforcement Section of the Board continues to expend numerous hours supporting both Continuing Professional Development and Enforcement issues/problems. For the fiscal year 2003 the section has opened 127 new cases and closed 150 cases. During this same time period, the section has also audited approximately 557 licensees for CPD compliance.

Below are summaries of action on closed cases which resulted in either informal or formal disciplinary action by the Board:

DISCIPLINARY ACTIONS IN OTHER STATES AGAINST LOUISIANA LICENSEES: Ten Louisiana professional engineers who were disciplined in other states were sent letters of warning/concern for matters that did not warrant additional Board action.

FELONY CONVICTION: A Louisiana P.E., Jose Barnes, pled guilty to a felony in the United States District Court, for the Northern District of Texas on August 1, 2000. The Board took action against the licensee wherein the licensee signed a Consent Order agreeing to the revocation of his license.

PRACTICE OF ENGINEERING WITH AN EXPIRED LICENSE: A Louisiana P.E., Mr. Chris B. Guidry, admitted to the Board that he had unintentionally practiced engineering in Louisiana for two years while his license was expired. Mr. Guidry immediately renewed his expired license and agreed to a Consent Order in lieu of a formal disciplinary hearing wherein he was assessed a \$200.00 fine, administrative costs of \$200.00 and printing of a summary of this matter in this publication by name.

OTHER ACTIONS: The Board received formal affidavits of complaints against two unlicensed individuals for violations of unlicensed practice and two licensed professional land surveyors for violations of the minimum standards for property boundary surveys. The Board's investigation of unlicensed practice disclosed no violation of the Board's Laws and Rules. The Board's investigation of minimum standards violations disclosed very minor violations and the licensees were sent letters of warning/concern.

THE UNLICENSED PRACTICE OF ENGINEERING/LAND SURVEYING BY FIRMS: The Enforcement Section of the Board identified 37 firms that were

offering and/or practicing engineering and land surveying without proper licensure during the year of 2003. These firms have all since become licensed with the Board.

ITEMS OF INTEREST ON CPD REQUIREMENTS: All licensees who fail to renew their license before their expiration date must submit a Professional Development Hour Activity Log with their late Renewal Invoice. In addition to the normal renewal fee, the licensee will be charged a late renewal fee which is 50% of the normal renewal. If the renewal is over 120 days late, the licensee must submit an Application to Renew an Expired Professional License, a Professional Development Activity Log, documented proof of the 30 hours of Continuing Professional Development and a fee of \$165.00.



Robert E. Eddleman
Acting Director of
Enforcement

New Registrants: for the Period of October 21, 2003 – January 26, 2004

PROFESSIONAL ENGINEERS

Aguilar, Mark J.
 Anastos, Chris H.
 Anderson, Neil O.
 Andrews, James A., Jr.
 Angelle, Jeremy R.
 Armendinger, Robert N.
 Arnold, Leonard E., Jr.
 Banker, Jeffery W.
 Bayles, Douglas J.
 Begley, Maryella
 Bernard, John R.
 Boesch, Gerald S., Jr.
 Boice, Corey L.
 Bonaventure, David A.
 Brandstetter, Charles P. IV
 Brian, Clinton A.
 Brown, Brook W.
 Buckel, Thomas H.
 Burks, Shannon L.
 Cantey, Kye F.
 Cardon, Lee J.
 Chau, Kit
 Chen, Lawrence L.
 Cinco, Moises A.
 Clancy, James S.
 Clark, Daniel C.
 Close, Scott D.
 Cole, Cory J.
 Crooks, Jerry D., Jr.
 Culross, Rene' A.
 Daffin, Lynette V.
 Darby, Michael M.
 Davis, Charles W.
 Davis, Leslie L.
 Decker, James F.
 DeHarde, Thomas J.
 Develle, Scott E.
 Disher, Christopher B.
 Dougan, Brian K.
 Doyle, Michael D.
 Edmonds, Keith
 Einsel, David A.
 Erikson, Lloyd R. III
 Falbe, Winchester R.
 Falkner, Michael J.
 Fernandez, Christopher P.
 Flores, Ramon H.
 Franklin, Jerrod K.
 Fratta, Dante O.
 Fulton, Thomas B.
 Fuselier, Craig J.
 Geoffroy, Grady P.
 Gohari, Jalal
 Grant, Donald W., Jr.
 Griffin, Brian P.
 Gros, Brent C.
 Hall, Andrew R.
 Hall, David J.
 Hammond, Gretchen S.

Hays, William M.
 Henry, Kirk J.
 Hogan, Perry P.
 Huval, Jebb L.
 Hymel, Steven C.
 Inbody, Roger L.
 Jacobs, Scott E.
 Jeansonne, Michael A.
 Jordan, Mark A.
 Karkaba, Gassan
 Kazerooni, David S.
 Killen, Mark A.
 Koenig, Ryan C.
 Kondakalla, Bhasker R.
 Larche, Lucien M.
 LeBlanc, Jeffery P.
 LeBlanc, Kevin M.
 Leonard, Peter B.
 Liss, Sheldon
 Little, Troy B.
 Looby, James P.
 MacDonald, Daniel S.
 Maiden, John D.
 Marques, Paul D.
 McFarland, Sean M.
 Melcher, Travis C.
 Melton, David C.
 Mencken, Eric A.
 Miller, Paul D.
 Miller, Scott W.
 Mire, Jeffrey W.
 Moffett, Brandon A.
 Monroe, William T.
 Moore, Herbert E. II
 Morenc, Edward P.
 Morgan, Christopher K.
 Morgan, Mitchell L.
 Morrisard, Craig R.
 Mullinix, Michael P.
 Myers, Robert C.
 Nation, Gary W.
 Nitschke, Michael D.
 Norton, Michael W.
 Peck, Scott W.
 Pertuit, David A., Jr.
 Pinter, Timothy E.
 Ponder, Thomas B. II
 Poole, Joe P.
 Powell, James E., Jr.
 Pross, Heidi A.
 Qie, Shaohua F.
 Rayner, Jo A.
 Reasonover, Ronald D.
 Rice, Ryan J.
 Richards, Travis R.
 Roberts, William A.
 Rodgers, Kevin E.
 Salmons, Timothy R.
 Sardar, Mohammed K.
 Schaefer, Edward H., Jr.
 Schexnaydre, Derrill C.

Sinopoli, Albert L.
 Smart, Brian D.
 Smith, Thomas A.
 Stanley, Debra A.
 Stewart, Chad E.
 Stierwald, Robert L.
 Subramaniam, Ganesh
 Suwandhaputra, Handoyo
 Tate, Beau J.
 Thames, George E., Jr.
 Tinsley, William E.
 Toth, Janos C.
 Touring, David E.
 Trast, John M.
 Tsihlis, Heather D.
 Tullier, Daniel J.
 Turner, Ryan S.
 Udtha, Praveen K.
 Vanderbrook, Kevin C.
 Veal, Kimberly S.
 Virost, David M.
 Vlosich, Paul S.
 Walker, Arthur T.
 Walker, Helen E.
 Wedge, Jennifer A.
 Wehmeyer, Mark K.
 Weston, Karla E.
 White, Lisle S.
 Whittington, Ryan L.
 Wiseman, John D.
 Wolter, Brian T.
 Yi, Hong
 Zareck, Anthony R.
 Zygula, Timothy M.

PROFESSIONAL LAND SURVEYORS

Boone, Glenn L.
 Dufrene, Peter J.
 Hebert, John M.
 Hollister, Dale R.
 Kent, John M.
 McNease, Sherman K.
 Oliver, Chris A.
 Phillips, Donald S.
 Sargent, David W.

ENGINEER INTERNS

Alonso, Christopher R.
 Askegren, Michael D.
 Barreiro, Ivan D.
 Benson, Barbara C.
 Bonadona, Lance J.
 Bourg, Melissa D.
 Cagle, James A.
 Clay, Shakira L.
 Constans, Ryan J.
 Davis, Dishili S.
 de Abreu, Ricardo C.
 Eddanapudi, Sairam V.

Ellis, James W. II
 Fontenot, Jeremy P.
 Fontenot, Steven C.
 Good, Maxwell A.
 Guillory, David R.
 Husser, Dale L., Jr.
 Ingram, Charles N.
 Johnson, Traci L.
 Kieffer, Timothy M.
 Lemne, Marius P.
 LeSage, Brian P.
 Lewis, Gail H.
 Matthews, Neil F.
 McCaskill, Lacey Y.
 McCormick, Chad R.
 Mixon, Dusk S.
 Owuamanam, Jerome I.
 Peeva, Tzvetlena P.
 Racca, Byron D.
 Schaezler, Ryan N.
 Schrenk, Brandon S.
 Sun, Lu
 Thomas, Mark J.
 Vanek, Charles M.
 Windom, Olan
 Yong, Sai Mun
 Zenon, Jeremy
 Zhou, Ping

LAND SURVEYOR INTERNS

Couvillion, Jared A.
 Lobell, Scott M.
 Phillips, Matthew E.
 Sargent, Darren B.
 Troups, Prosper J. III

ENGINEERING FIRMS

All South Professional Service, Inc.
 Amteck of Kentucky, Inc.
 Architectural & Engineering Consultants, Inc.
 Arkansas Precast Corporation
 B & F Engineering, Inc.
 Bandini Enterprises, Inc.
 Barge, Waggoner, Sumner, and Cannon, Inc.
 BGA Engineers, Inc.
 Brinjac Engineering, Inc.
 C_K Associates, L.L.C.
 Chicago Bridge & Iron Company (Delaware)
 ClearLinx Design, Inc.
 Consolidated Electrical Contractors and Engineers, Inc.
 Crescent Engineering Group, L.L.C.

LAPELS

New Registrants: for the Period of October 21, 2003 – January 26, 2004

Criterium_Stein Engineers, LLC
 CSRS, Inc.
 Danny J. Hebert, P.E., L.L.C.
 Downs Consulting, Inc.
 Engineering & Inspection Services, L. L. C.
 ENGlobal Engineering, Inc.
 Frank Thompson and Associates, L.L.C.
 French Engineering, Inc. of Texas
 Glover Engineering L.L.C.
 GRL Engineers, Inc.
 Harris Civil Engineers, LLC
 Heery International, Inc.
 Hill Brothers Construction & Engineering Co., Inc.
 Hill_Huffman Construction & Engineering, LLC
 Hughes Associates, Inc. of Maryland
 Hydralift Amclyde, Inc.
 Lichtenstein Consulting Engineers, Inc.
 Magnum Technical Services, Inc.
 Paladin Consulting Services, Inc.
 Pangean_CMD Associates, Inc.
 Piazza Engineering Incorporated

Post_Tension Slabs, Inc.
 Purdy_McGuire Incorporated
 Robert A. Bouchon, Consulting Engineer LLC
 Salmons, P.C. (A Professional Corporation)
 Shaw Coastal, Inc.
 Southern Earth Sciences, Inc.
 Structural Consultants, LLC
 The Advent Group, Inc.
 The Automation Group, L.P.
 The Benham Companies, Inc.
 The Thacker Group, Inc.
 Utility Support Systems, Inc.
 V. B. Cook Co. Limited
 Vanderbrook Engineering Company, LLC
 Williams Engineering & Technology, Inc.
 Z_Group NDE, L.L.C.

LAND SURVEYING FIRMS

Architectural & Engineering Consultants, Inc.
 Nobles & Associates, L.L.C.

New Calculator Policy for Engineering and Land Surveying Exams

In August 27, 2003, NCEES announced that beginning with the April 2004 exam administration, certain calculators will be strictly prohibited from exam sites.

This is not a new policy. For many years, NCEES policy has prohibited calculators that communicate or that may compromise the security of the examination. Beginning with the April 2004 exam administration, NCEES will strictly enforce the policy.

NCEES will prohibit any calculator with either text editing or communication capabilities.

Of great concern is the ability to type in text, store it in memory, and then communicate via wireless or cable connections to another calculator, personal computer, printer, or other electronic device. If a calculator model can be made to communicate through the use of modules, software, and/or other add-on devices, then this calculator is deemed to possess communication capabilities and will be prohibited.

There is no NCEES-approved list, but here are a few calculators we know are acceptable. Please keep in mind that this list is not all-inclusive.

Casio:

- FX-115 MS PLUS
- FX-250 HC

Hewlett Packard:

- HP-9 series
(this includes the HP-9g and HP-9s)
- HP-30s
- HP-32s
- HP-33s

Sharp:

- EL-506 VB
- EL-520 VB

Texas Instruments:

- TI-30 series
(this includes the TI-30Xa, TI-30X IIB, TI-30X IIS, TI-34 II, TI-36X Solar, and TI-36X II Solar)

Calculators with communication or text-editing capabilities will be banned from all NCEES exam sites. These include, but are not limited to, the following calculators:

Casio:

- CFX9850+

Hewlett Packard:

- HP 41 series
- HP 42S
- HP 48 series
- HP 49G

Texas Instruments:

- TI-83, TI-83 Plus and TI-83 Plus Silver Edition
- TI-85
- TI-86
- TI-89
- TI-92
- TI Voyage 200

Please keep in mind that this list is NOT all-inclusive. If your calculator has the ability to store a string of text and communicate it in any way, it will not be permitted.

(For more information, visit the NCEES website at www.ncees.org/exams/calculators/#policy)

PRESIDENTIAL PRIVILEGE

By Ali M. Mustapha, P.E.

Do We Need to Make a Change?

Congratulations to all the recipients of the LES 2003-2004 Awards, Chris Richard, P.E., Leslie K. Guice, Ph.D., P.E., Rebecca Johnson, P.E., Bhaskar Kura, Ph.D., P.E., Jim Rike, P.E., Charles G. Coyle, P.E. and Charles W. Nelson, P.E. Please take a few minutes to read their biographies in this issue of the Journal and e-mail them your congratulations.

The number of nominees submitted by most of the Chapters for the LES Awards has decreased in the last few years. There are numerous professional engineers in all of the Chapters who are well qualified for these awards and deserve to be recognized for their accomplishments and the role they play in serving, promoting, and protecting the engineering profession and the Society. The **James M. Todd Technological Accomplishment** and the **Andrew M. Lockett** awards were initiated in 1951, the **A. B. Paterson** and the **Charles M. Kerr Public Relations** awards were first awarded in 1965, two years later the **F. Hugh Coughlin Young Engineer** award was established and the most recent award was initiated in 1996 in honor of **Mr. Waldemar S. Nelson**. Is the interest in these awards that were created 38 to 52 years ago diminishing? Is it time to delete some of these awards and create new ones? Is it time for the Honors and Awards Committee to evaluate these awards which were instituted more or close to half a century ago? Is it time to make a change to the Honors and Awards Program? Please e-mail your comments and suggestions to J.M. Drake, P.E., upcoming Chairman of the Honors and Awards Committee at jm.drake@spr.doe.gov or to Brenda Gajan, LES Executive Director at brenda@les-state.org.

The Board of Direction approved changes to Article VII - Officers and

Directors of the Society's Constitution to allow the appointment of the Young Engineer Chairperson (**a registered P.E. or an E.I. in Louisiana**) to the Board of Direction in 2004-2005 and make the Constitution gender neutral. The changes will be included on the Society's Officers Election Ballot in April and the membership will have a chance to vote on these changes. The duties and the responsibilities of the Young Engineer Chairperson will include:

- ☛ Representation of the Younger Engineer members on the Board of Direction.
- ☛ Representation of LES on the Southwest Region Young Engineer Advisory Council (YEAC) Board.
- ☛ Development of member service programs directed at the Younger Engineers needs.
- ☛ Development of a recruitment plan directed at recent engineering graduates and engineering students.
- ☛ Organize and conduct an annual "Roundtable" at the Society's Annual Meeting or at the JESC meeting.
- ☛ Promote collaboration between the Chapters' young engineer representatives and the technical societies' (ASCE, ASME, IEEE....) Young Engineer member committees.
- ☛ Provide an open line of communications to assist with the success of the Chapters' Young Engineer programs.

I hope this change once approved by the membership will insure the development of new programs to meet the younger members' needs and promote the role of the younger engineers in the leadership of the Society and the future of the engineering profession. Meeting the needs of the membership, promoting diversity, and insurance of growth require changes. LES is a very strong organization and is committed to



Ali M. Mustapha, P.E.
Louisiana Engineering Society President

promoting registration of all engineers. Serving and meeting the needs of LES members and all engineers in the State regardless of discipline **will never change**. Changes are good for all organizations.

The terms of two professional engineers serving on the Louisiana Professional Engineers and Land Surveyors Board (**LAPELS**) are set to expire on August 31, 2004, and LES is soliciting nominations from all the interested Professional Engineers in Private and Construction Practices to fill the two vacancies on the Board. To insure selection of the most qualified candidates to serve on the Board, a new procedure that was developed by an Ad Hoc Committee and adopted by the LES Board of Direction at the October 11, 2003 meeting will be implemented. The new procedure includes:

- ☛ Posting the vacancies on the LES web site.
- ☛ Publishing a Public Notice / News Release in the major Newspapers statewide.
- ☛ Publishing a Public Notice / News Release in the Louisiana Engineer & Surveyor Journal.
- ☛ Mailing the Public Notice / News Release to the State Engineering Technical Societies (ASCE, ASME, IEEE, ...etc.) and request the publication of the Notice in their journals and newsletters.
- ☛ Mailing the Public Notice / News Release to the Louisiana Engineering Council of Deans.

(continued on page 12)

SOCIETY NEWS

By: Brenda Gajan
LES Executive Director



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Don Durr, P.E.

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Past President

J. Madison Drake, P.E.
(504) 734-4236

EXECUTIVE DIRECTOR

Brenda W. Gajan
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(318) 484-4151

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Barry P. Gahagan, P.E.
(225) 765-1802

Bayou

Rex King, Jr., P.E.
(985) 851-2002

Lafayette

William Melancon, P.E.
(337) 233-8600

Lake Charles

Theodore H. Thompson, P.E.
(337) 439-4552

Monroe

Walter Carpenter, P.E.
(318) 255-7236

New Orleans

Keith Gonzales, P.E.
(504) 728-6514

Shreveport

David Kunz, P.E.
(318) 221-8312

PRACTICE DIVISIONS Construction

Roger D. Melancon, P.E.
(985) 892-6500

Education

James E. Bowie, Ph.D., P.E.
(337) 988-2360

Government

Ali M. Mustapha, P.E.
(318) 673-6035

Industry

Greg Tatum, P.E.
(225) 293-2188 ext. 22

Private Practice

Alan Krouse, P.E.
(225) 757-1111

COMMITTEE CHAIRMEN

Constitution & Bylaws
Chris Richard, P.E.
(337) 232-5182

Continuing Professional Development

William Melancon, P.E.
(337) 233-8600

Engineering Education

Leslie K. Guice, P.E.
(318) 257-4647

Ethics and Professional Conduct

Foy B. Gadberry, P.E.
(318) 387-2710

Future Cities

Kurt Nixon, P.E.
(318) 752-9023

Honors & Awards

John W. "Billy" Moore, P.E.
(318) 488-0888

Inter-Society Relations

Rasoul Nazermalek, P.E.
(318) 226-5930

LE Magazine

John J. Plaisance, Jr., P.E., P.L.S.
(985) 632-5596

Legislative

Ron Rodi, P.E.
(225) 769-0546

Liaison Committee with State Board of Registration

Ali M. Mustapha, P.E.
(318) 673-6035

Long-Range Planning

Chris Richard, P.E.
(337) 232-5182

MATHCOUNTS

Brenda W. Gajan
(225) 924-2021

Membership

Tanita Gilbert-Baker, P.E.
(318) 226-9199

Public Relations

John W. "Billy" Moore, P.E.
(318) 488-0888

Scholarship

Bodin Hugger, P.E.
(504) 461-0577

Young Engineers

Clayton Poland, P.E.
(318) 387-2710

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

- Details and registration for LES Annual Meeting.
- Details and registration for CPD opportunities in Lake Charles, LA.
- Order LES products; coffee mugs, lapel pins, license plate, Centennial book.
- Membership forms and benefits.
- And much more!



Calendar of Events

February, 2004

- 1-29 MATHCOUNTS Chapter Competitions
- 10 LES Board of Direction Meeting - LES Office
- 11-12 LES Statewide Honors & Awards Meeting & 8th JESC Conference - Baton Rouge
- 22-26 Future City National Competition - Washington, D.C.
- 22-27 National Engineers Week

March, 2004

- 23 Continuing Education Seminar - LES State Office
- 25-26 MATHCOUNTS State Competition - Lafayette
- 26 Executive Committee Meeting - Lafayette
- 31 Continuing Education Seminars - Lake Charles

April, 2004

- 1 Election of Chapter & Practice Division Officers begins
- 2 LES Board of Direction Meeting - Lafayette
- 15 Deadline for copy, *Louisiana Journal*, May issue

Alexandria Chapter

By: Mike Bares, P.E.
Alexandria Chapter President

Happy New Year! I hope all of you had a safe and joyous holiday season. As we welcome in the New Year, it is a good time for us to reflect back on our personal and professional accomplishments of 2003. At the same time, we should focus on what lies ahead and set our goals high for 2004.

It's a great time to be alive in Louisiana. We just finished celebrating the bicentennial of the Louisiana Purchase in 2003. Kathleen Babineaux Blanco was just sworn in as Louisiana's first-ever female Governor. And the LSU Tigers recently won the Sugar Bowl, to lay claim to the BCS National Championship. We have a lot of reasons to be proud.

We can also take pride in LES and its many programs to promote the engineering profession and benefit the community. Future City and MathCounts competitions are two fun and exciting educational programs for seventh and eighth-graders. They foster engineering skills by promoting mathematics, problem-solving and teamwork skills. Speaker's Bureau and Engineer-For-A-Day programs introduce high school students to the engineering profession and allow them to visit engineers in the workplace. All these events lead up to the celebration of National Engineers Week on February 22-28. E-Week provides an opportunity for engineers to reach out into their communities to increase awareness and appreciation of the engineering profession.

This is a very busy time of year for LES activities and these events can only be successful through the volunteer efforts of our membership. I encourage all of you to become involved in one or more of our upcoming chapter projects. Contact your local chapter officers or visit www.eweek.org for information on how you can participate. Working together, we can make 2004 another great year for LES.

NEW MEMBERS

ALEXANDRIA

Jim Delrie, P.E.

BATON ROUGE

Tuncer Anthony Arikol, P.E.
Robert C. Barrileaux, P.E.
Robert P. Douglas, Jr., P.E.
Nick J. Ferlito, P.E.
Jacob R. Courville, E.I.
Matthew G. Coleman, E.I.
Fred J. Cunningham, P.E.
Sidney J. Chaisson, Jr., P.E.
Hank D. Harper, P.E.

BAYOU

Brad J. Hunter, E.I.

LAFAYETTE

Terrence L. Chambers, P.E.
Chester Pieprzica, E.I.
Jules M. Darden, E.I.

LAKE CHARLES

John L. Lowery, P.E.

MONROE

Paul N. Hale, Jr., P.E.

NEW ORLEANS

Mark P. Huthmaker, E.I.
Troy L. Carter, P.E.
David M. Caraway, P.E.

SHREVEPORT

Alfred E. Johnson, P.E.

INDIVIDUAL SUSTAINING

Danny R. Moore, Jr.

Lafayette Chapter

By: William L. (Bill) Melancon
Lafayette Chapter President

The Lafayette Chapter has been active over the last few months. In November, the chapter met in New Iberia for a luncheon presentation by Professor Paul Darby, P.E. on engineering ethics. In December, we had a Christmas social with our friends at A.S.C.E. where we enjoyed poboys, gumbo, hors d'oeuvres and Christmas cheer. At our January meeting, we heard from Mark Wales about new changes to Louisiana's building codes; everyone who attended received a PDH in life-safety.

On January 23rd the Lafayette Chapter hosted the State Future Cities competition. The kids had a great time and their planned cities were awesome. We definitely have something to look forward to when this younger generation begins planning our future societies. LES State Director Scotty Baudoin did a great job of coordinating the event.

On February 7, we will host our own Regional Mathcounts competition which Jeff Stewart is coordinating. On March 4-5, the Lafayette Chapter will host the State Mathcounts competition with help from the Alexandria chapter.

In honor of NASA's successful robot-vehicle mission to Mars and President Bush's new push for space exploration, we have invited Dr. Bill Simon, P.E. to speak to us at our February meeting about "NASA's Plans For The Future". Dr. Simon is head of UL-Lafayette's Mechanical Engineering Department

(continued on page 12)

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Experience • Knowledge • Performance • Results

Lafayette Chapter *(continued from page 11)*

and is a former NASA scientist who was heavily involved in future planning at NASA. We will also give out the Regional Mathcounts awards at the meeting. Dr. Simon is a great speaker and his presentations about space exploration are fantastic. Feel free to join us on February 28th at 6:30 p.m. at the Lafayette Petroleum Club.

Monroe Chapter

By: Walter Carpenter, Jr., P.E.
Monroe Chapter President

We've had some interesting speakers the past few months. In September, J.B. Conat with Suncoast spoke on Reducing Inflow and Infiltration, in October, Mike Vinton with Uretex spoke on the Injection of Expanding Polymers to lift concrete systems, densify soils and to provide positive encasement seal of leaking storm water systems, in November, Phil Meyers with the Louisiana Timed Managers spoke on the TIMED program and its impact on the Louisiana economy and in December, Rod Tyler with Filtrex spoke on Filtersock Technology. We appreciate the time and effort put forth by these speakers. For a future meeting we have scheduled Dr. Bobby Price, president-elect of NSPE to give us an update on the future of NSPE.

Our plans for Future Cities and MathCounts are proceeding along smoothly under the guidance of Randy Hammons, P.E and Clayton Poland, E.I., respectively.

We are moving our regularly scheduled meeting in February from February 12 to February 19 to allow our members to attend the Joint Engineering Conference in Baton Rouge in February 11 and 12.

That's all I have for now. See you next issue.

New Orleans Chapter

By: Keith Gonzales, P.E.
New Orleans Chapter President

As we are just past the half way point in our year, I am pleased to report that it has been a strong year and will continue to improve. We are enjoying larger turnouts at meetings and have raised more money for our scholarship program over years before. These successes are due to our many active board members. I want to take a moment and thank them for their hard work this year. I want to thank them for their great ideas for topics and I am convinced that Their Suggestions of good topics is the reason that we are enjoying larger turnouts at the meetings. We have had such topics as The Widening of the Huey P. Long Bridge and have forthcoming topics of Liquid Natural Gas Terminals and also Double Pumping Station at the I-10 Railroad Crossing. With the meeting topics generating excitement we are not surprised in our larger turnouts. Along with these larger turnouts we would have expect the scholarship fund raising to increase proportionately, but, at our Christmas General Meeting our scholarship fundraising went up four (4) fold. This was due to raffling off a donated gift basket with a matching donor.

We are ready and poised for another successful MathCounts in February.

Our membership committee chairman is heading up a membership drive of both recent graduates and registered PEs in the Metro area.

In a cost cutting effort we have begun transferring our newsletter to an electronic distribution. We began a few years ago with producing the newsletter electronically as well, but now we are actively encouraging Members to elect electronic distribution as opposed to traditional mail.

Shreveport Chapter

By: David E. Kunz, P.E.
Shreveport Chapter President

Happy New Year! With the holiday season behind us, we trust you are all focused on your priorities of the new year. We want to thank everyone who has helped support the Shreveport Chapter during the previous years and anticipate your continued support as we try to maintain the level of service to our membership, and the public, which is expected of us.

The coming weeks are a very busy and exciting time of year for the LES as National Engineers Week allows engineers the added opportunity to focus their time and talents on helping young students to discover the exciting world of engineering. Activities include MATHCOUNTS competitions, Future City competitions, presentations at local schools and the Sci-Port Discovery Center, and our 42nd Annual E-Week Banquet. The chapter officers are working very hard to coordinate these activities and we invite you all to participate in making this the best year ever. If you need additional information on any of these activities or would like to offer your participation please feel free to contact us. As always, we appreciate the generous support provided by our membership and wish you all the very best for the new year.

President's Message

(continued from page 9)

LES Executive Board will screen and interview the candidates, prepare a list of qualified nominees and submit the list to the LES Board of Direction for review and approval. The approved list will then be submitted to the Governor at least 30 days prior to the expiration of the term of a member of the LAPELS Board. I hope this new process will help insure the appointment of the most qualified professional engineers to serve and protect the engineering and surveying professions in the State.

On behalf of the Louisiana Engineering Society (LES) and the Board of Direction I would like to thank all of the Sponsors for their donations to Dr. Bobby Price's NSPE President Support Fund. Your generous contributions and continuous support of the organization and the engineering profession are greatly appreciated. Also your donation will make it possible to hold a special Louisiana reception to honor Dr. Price's inauguration as the 65th President of the National Society of Professional Engineers (NSPE).



Louisiana Engineering Society Board of Direction

Seated left to right; Christopher K. Richard, PE, Philip K. Meyers, PE, Ali M. Mustapha, PE, Kevin E. Crosby, PE, PLS, John J. Plaisance, II, PE, PLS
 Standing left to right; Rex J. King, Jr., PE, William Melancon, PE, Scotty J. Baudoin, PE, Don Durr, PE,
 Theodore H. Thompson, PE, J. Madison Drake, PE, James E. Bowie, PE, David Kunz, PE, Barry P. Gahagan, PE,
 Rebecca Johnson, PE, Alan Krouse, PE, George Comeaux, PE, Keith Gonzales, PE

PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE

Professional Engineers in Private Practice
 By: Alan Krouse, P.E.

I hope everybody had a good holiday season and you are looking forward to the New Year. This message is to update you on the upcoming events that PEPP will be involved with this year. First there is the State meeting in Biloxi. I have volunteered to schedule the technical session lectures, so if any of you have suggestions or would like to help, please let me know. The conference is June 13th - 16th at the Grand Casino. Following the State Conference is the NSPE conference in Hawaii. As most of you know, Dr. Bobby Price will be installed as the National President, so the LES Board is encouraging as many members as possible to attend. The LES Executive Board is paying registration and hotel accommodations for them as an incentive to attend. Myself, the Vice Chair and incoming Vice Chair are proposing the same for our Board. Therefore, if you are interested in going to Hawaii, PEPP will pay for your registration and hotel accommodations during the conference. The conference is July 8th - 10th and you can check the NSPE website for details.

Finally, the term of the PEPP appointee to the State Board of Registration will expire this August. PEPP is required to submit seven names with resumes to LES by March 22, 2004. Two names that I have to date are Dale Hunn and Ann Trappey. If you have a name you want to submit for consideration, please let me know.

NEWS RELEASE - PUBLIC NOTICE

The terms of two professional engineers serving on the Louisiana Professional Engineering and Land Surveyors Board is set to expire on August 31, 2004, and thus there will be two vacancies on the Board to be filled. Any licensed professional engineer desiring to fill these vacancies and who is practicing in the field of private practice or construction, and who meets the qualifications stated below should send a letter by certified mail to Brenda Gajan, Executive Director, Louisiana Engineering Society, 9643 Brookline Ave., Baton Rouge, LA 70809, indicating his or her intent to be a candidate. The letter shall be accompanied by a resume and LES evaluation questionnaire. The questionnaire may be obtained from the LES state office at 9643 Brookline Ave., Baton Rouge, LA 70809, telephone number (225) 924-2021, or on the web site at www.les-state.org. The deadline for receipt of the certified letter and required documents shall be March 22, 2004. After a review process, the five (5) candidates who receive the highest number of votes shall have their names submitted to the Governor as nominees. The Governor will then select one of the nominees to fill each vacancy. The persons selected to fill each vacancy shall serve six (6) years, or until his successor is duly appointed.

37:684 Qualifications of board members

Each member of the board shall be a citizen of the United States and a resident of this state, and shall have been engaged in the practice or teaching of engineering or, in the case of the professional land surveyor members, the practice or teaching of land surveying, for at least 12 years, and shall have been in responsible charge of important engineering or land surveying work, as the case may be, for at least five years. Responsible charge of engineering or land surveying teaching may be constituted as responsible charge of important or land surveying work.



DUAL-ENGINEERING SOCIETY MEETING

Grand Casino Gulfport Hotel,
Gulfport, MS
June 13-16, 2004

Sponsored By:
THE ENGINEERING SOCIETIES
OF ARKANSAS & LOUISIANA

*Welcome Night Reception
Continuing Education Seminars
Golf Tournament
Annual Membership Meeting
Tennis Tournament
Continental Breakfasts
Installation Banquet
Exhibit Hall
Fishing Rodeo
Spouse & Family Activities
and Much, Much More!*

LES is looking for a few good exhibitors!

It is expected that more than 300 professional engineers from throughout Arkansas and Louisiana will tour the exhibit hall during this conference. Leading engineers from all disciplines and industries will be there to learn about new developments in the latest products and services needed by their companies.

Exhibit your products and services on June 13 - 16, 2004

Reach the key people in your markets who are leaders of the engineering profession • Acquaint your prospects with your products and services • Over 20 hours of exhibit time to reach hundreds of engineers • Daily continental breakfast on the exhibit floor for delegates • Specialty areas include: civil, mechanical, electrical, energy, municipal, chemical, agricultural, safety, and more.

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For more information on how to exhibit your products or services contact Brenda Gajan at (225) 924-2021 or Brenda@les-state.org to receive an information kit.

DUAL-ENGINEERING SOCIETY MEETING

Grand Casino Gulfport Hotel, Gulfport, MS, June 13-16, 2004

Sponsored By:

THE ENGINEERING SOCIETIES OF ARKANSAS & LOUISIANA

Ballroom		Other Activities	Room	Room	Room
SUNDAY, June 13, 2004					
8:00 AM					8:00 AM
8:30 AM					8:30 AM
9:00 AM					9:00 AM
9:30 AM					9:30 AM
10:00 AM			(Tentative) LES Board Mtg		10:00 AM
10:30 AM					10:30 AM
11:00 AM					11:00 AM
11:30 AM					11:30 AM
12:00 PM					12:00 PM
12:30 PM		Welcome			12:30 PM
1:00 PM			A1	B1	C1
1:30 PM					1:30 PM
2:00 PM				Break in Exhibition Hall	2:00 PM
2:30 PM			A2	B2	C2
3:00 PM					3:00 PM
3:30 PM				Break in Exhibition Hall	3:30 PM
4:00 PM			A3	B3	C3
4:30 PM					4:30 PM
5:00 PM					5:00 PM
5:30 PM					5:30 PM
6:00 PM					6:00 PM
6:30 PM		Opening Reception			6:30 PM
7:00 PM					7:00 PM
7:30 PM					7:30 PM
8:00 PM					8:00 PM
MONDAY, June 14, 2004					
7:00 AM					7:00 AM
7:30 AM			A4	B4	C4
8:00 AM					8:00 AM
8:30 AM				Break in Exhibition Hall	8:30 AM
9:00 AM			A5	B5	C5
9:30 AM					9:30 AM
10:00 AM				Break in Exhibition Hall	10:00 AM
10:30 AM			A6	B6	C6
11:00 AM					11:00 AM
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TUESDAY, June 15, 2004					
7:00 AM					7:00 AM
7:30 AM			A7	B7	C7
8:00 AM					8:00 AM
8:30 AM				Break in Exhibit Hall	8:30 AM
9:00 AM			A8	B8	C8
9:30 AM					9:30 AM
10:00 AM				Break in Exhibit Hall	10:00 AM
10:30 AM			A9	B9	C9
11:00 AM					11:00 AM
11:30 AM					11:30 AM
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7:00 PM		AR & LA Joint Install Banquet			7:00 PM
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WEDNESDAY, June 16, 2004					
7:00 AM					7:00 AM
7:30 AM			A10	B10	C10
8:00 AM					8:00 AM
8:30 AM				Break in Exhibit Hall	8:30 AM
8:45 AM			A11	B11	C11
9:30 AM					9:30 AM
9:45 AM				Break in Exhibit Hall	9:45 AM
10:00 AM			A12	B12	C12
11:00 AM					11:00 AM
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LES

LES HONORS SEVEN ENGINEERS



Waldemar S. Nelson
President's Award
for Distinguished Service to LES

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., and a distinguished member of the Society since 1936. Unlike the other LES awards, the recipient of this award is not nominated and voted upon by the Honor and Awards Committee, but is chosen at the discretion of the immediate Past-President of LES.

Christopher K. Richard, P.E.

Chris Richard is one of those unique individuals who encourage and inspire other engineers to take a greater part in the advancement of the profession in service to the technical and professional societies.

His professional experience includes Project Manager and Design Engineer with Domingue, Szabo & Associates, Inc., Professional Engineers and Land Surveyors, and Design Engineers with Bishop and Associates, Consulting Engineers, Sarasota, Florida, and with the Louisiana Department of Transportation and Development, Baton Rouge, LA.

In addition to LES and the National Society of Professional Engineers he maintains active memberships in American Society of Civil Engineers (ASCE), American Waterworks Association (AWWA), Steel Structures Painting Council (SPCC) and the Louisiana Conference on Water Supply, Sewerage and Industrial Waste.

Chris's participation and service to the engineering profession and to his community is very impressive. He is currently serving as Second Vice President - Louisiana Engineering Society and he is a Director of the Louisiana Engineering Foundation (LEF). In a recent award nomination a listing of the offices,

continued on page 18



James M. Todd Technological
Accomplishment Award

The James M. Todd Technological Accomplishment Medal will be awarded as conditions warrant, but not often than annually, for Distinguished Service by an Engineer for Technological Advancement of 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.

Bhaskar Kura, Ph.D., P.E.

Dr. Bhaskar Kura is currently serving as the Professor of Civil & Environmental Engineering and also as the Associate Director of Maritime Environmental Resources and Information Center at the University of New Orleans. He obtained his Ph.D. in Environmental Engineering from Louisiana State University in 1994. He has nearly 20 years of professional experience in various capacities, as a consulting engineer, corporate environmental manager, and professor/researcher. He is a registered professional engineer in Louisiana in environmental engineering branch. Dr. Kura is a recipient of Early Career Achievement Award for Excellence in Research in 1998 given by the UNO National Alumni Association and DSOC Distinguished Associate Professor Award for Excellence in Academic Performance (2001-2002) given by the UNO College of Engineering.

Dr. Kura's research interests include industrial environmental management, health-risk assessment, air quality monitoring, pollutant dispersion modeling, and software applications development within environmental and industrial hygiene specialty. He published 32 research papers and numerous technical research reports. Important research products of Dr. Kura include:

- Expert Environmental Management System (Expert EMS) for Shipyards
- A Computer Model for Life Cycle Costing

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F. Hugh Coughlin Young
Engineer Award

This award is given to an engineer not over thirty-five years of age who has demonstrated a high degree capabilities in his or her 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 who was a member of the LES from 1944 until his death in 1979. His interest in and support of young engineers was very instrumental in the establishing of this award. His name was added to the award in 1975.

Rebecca A. Johnson, P.E.

Mrs. Johnson has approximately thirteen years of electrical engineering experience. Her experience is primarily consulting engineering in the oil and gas industry. She has worked on a variety of projects from conventional offshore platforms to Tension Leg Platforms for several clients. Some of the design work includes the design of medium and low voltage electrical power generation and distribution systems, 24 VDC systems, fire and gas systems, PLC based control systems, safety and data acquisition systems, lighting, UPS systems, public address systems, and specifying instrumentation for offshore production facilities. She also has experience with inspecting, testing, troubleshooting, start-up assistance, and supervision of construction and commissioning of electrical equipment and installations. Other responsibilities have included design review, submittals, writing specifications, writing system check out procedures, writing control systems functional specifications, performing load flow analysis, performing short circuit analysis, performing coordination studies, and performing relay setting calculations. Mrs. Johnson's experience includes all aspects of design, procurement, installation, commissioning and troubleshooting all electrical systems associated with these platforms.

Mrs. Johnson is a member of the

continued on page 18

LES HONORS SEVEN ENGINEERS

LES



Andrew M. Lockett
Medal for Civic Activities

The Andrew M. Lockett award 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.

Charles W. Nelson, P.E.

Charles Nelson was born in 1947, at Camp Leroy Johnson, a World War II army camp located on Lake Pontchartrain, on what is now the UNO campus. He attended public grammar school at John J. Audubon in New Orleans, and high school at St. Martin's Episcopal in Metairie. He received his Bachelors Degree in Civil Engineering from Georgia Tech in 1970, and his Masters of Science in Coastal and Oceanographic Engineering from the University of Florida in 1974, writing his masters thesis on hydrodynamic force coefficients research for a floating offshore nuclear power plant planned for the Atlantic Coast offshore of New Jersey.

He worked as a research engineer at both Georgia Tech and University of Florida, and as design engineer for Frederic R. Harris in their office in The Hague, The Netherlands from 1974 to 1978. Designs included marine facilities including cooling water intakes, crude oil loading terminals, container terminals, and offshore oil and gas production facilities.

In 1978, he returned to New Orleans, joining the firm of Waldemar S. Nelson & Co., Inc. as Senior Design Engineer. He has held a progressive position in the company since then, becoming President in 1986 and President and Chairman in 2003. His civic involvement spans the 26 year tenure with

continued on page 18



A. B. Paterson Medal
for an Engineer in Management

The A. B. Paterson award will be awarded as conditions warrant, but not more often than annually, for Distinguished Service in Management by an Engineer. The character and scope of the engineer's 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 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. an active member of the society from 1923 until his death in 1952. Mr. Paterson was an engineer, administrator, executive, banker, civic leader and a humanitarian.

Leslie K. Guice, Ph.D., P.E.

Leslie K. Guice, Ph.D., P.E., is Jack Thigpen Professor of Engineering and Dean of the College of Engineering and Science at Louisiana Tech University. He is a registered professional engineer in Louisiana. He has served in several administrative roles at Louisiana Tech including Head of the Department of Civil Engineering; Academic Director for civil engineering, chemical engineering, chemistry and geosciences; Executive Associate Dean; and Dean. The College of Engineering and Science includes approximately 110 faculty and 50 staff and serves over 1650 undergraduates and 560 graduate students. Dr. Guice's expertise is in the structures specialty area and he has taught a wide range of courses in civil engineering and engineering mechanics.

In Dr. Guice's position as Dean, he oversees several research centers including the Institute for Micromanufacturing, the Center for Biomedical Engineering and Rehabilitation Science, the Trenchless Technology Center, and the Center for Applied Physics Studies. These research centers have experienced considerable growth with approximately \$20 million in funding and several new initiatives associated with emerging technologies in key areas of state and national interest. Dr. Guice led in the development and directs Tech's newest center, the Center for Entrepreneurship and Information Technology. This center was

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Charles M. Kerr
Public Relations Award

The Public Relations Award, the Charles M. Kerr Plaque will be awarded as conditions warrant, but not more often than annually, for Distinguished Service by an Engineer in Promotion of the Public Relations Program for the Engineering Profession in Louisiana. The character and scope of the contributions to the Society's overall public relations program internally and/or externally is the predominant criteria, rather than strictly engineering accomplishments. Officers of the Society and members of L.E.S. Public Relations Committee are not eligible for the award. 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 Society's public relations program in their communities, parishes, and the State of Louisiana.

Jim Rike, P.E.

Jim Rike built Rike Service, Inc., over the past 30 years, after 22 years with Exxon (Humble). He has practiced Petroleum Engineering all over the United States, onshore and offshore, Canada, Central and South America, Africa, Middle East, Southeast Asia, North Sea, Far East, and Eastern Europe, including Russia.

Rike played a key role in the development of new petroleum concepts and methodology, for which he has been granted 13 patents. He has authored numerous papers on these new concepts. He has served as editor of newsletters for engineering units such as LES, SPE, API, in both Louisiana and Texas.

Jim graduated from Texas A&M and is a Registered Professional Engineer in Louisiana and Texas. He served as SPE "Distinguished Lecturer." He was Chairman of the Well Completions Reprint Committee. He served the Delta Section of API for 15 years, including 2 years as Chairman. He received the SPE 1990 Production Engineering Award for outstanding achievement. He was awarded an API Meritorious Service Award for "distinguished and meritorious service and appreciation for his invention and work on the revolutionary coiled tubing rig." Jim was selected for a Citizen Ambassador program to the Soviet Union, to help the transition to

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**Leo M. Odom Award
for Services to the Profession**

The Leo M. Odom 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 services to mankind. The award is named in honor of Leo M. Odom, P.E. President of the society in 1968 and an active member since 1942 until his death in 1996, and the award's first recipient.

Charles G. Coyle, P.E., P.L.S.

Charles G. Coyle, P.E., P.L.S., is President of Coyle Engineering Co., Inc. He is a 1968 graduate of Louisiana Tech University, with a B.S. degree in Civil Engineering.

Mr. Coyle began his career with the consulting firm, Mohr and Associates, in Shreveport, Louisiana. In 1973 he was appointed the first full time City Engineer for the City of Bossier City. He established the department which provided inspectors, engineering and surveying for all city projects. In 1977 he established Coyle Engineering Co., Inc.

Mr. Coyle has been actively involved in service to the profession for a number of years. He served as President of the Shreveport Chapter of the Louisiana Engineering Society and member of the State Board of the Louisiana Engineering Society in 1976.

Mr. Coyle has been involved in other organizations including the American Council of Engineering Companies of Louisiana, which he served as State President in 1990 - 1991. He has been a long time member of the Louisiana Society of Professional Surveyors, which he served as State President in 1996 - 1997.

continued on page 21

Christopher K. Richard, P.E.

continued from page 16

positions and responsibilities Chris has held over the years contained 28 separate line items.

Chris's professionalism, talent for organization and his attention to detail has made a significant impact on LES. While serving as Chairman of the Constitution and Bylaws Committee, he made lasting recommendations and improvements to the Society as a whole. He remains one of the most knowledgeable and informed members of the Board. His advice and counsel is well thought out and he is looked up to by his peers and associates when contributing to group discussions and decisions.

Chris has provided outstanding service to the society, in an unselfish manner and in keeping with the highest professional standards, following in the footsteps of a living legend, Waldemar S. Nelson.

Bhaskar Kura, Ph.D., P.E.

continued from page 16

- (LCC) and Life Cycle Assessment (LCA) of Shipyard Blasting and Painting
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Dr. Kura's future research objectives include urban air quality management (particulates and ozone) to minimize human health risks. He is working on a few proposals to address Baton Rouge and Houston air quality issues.

Rebecca A. Johnson, P.E.

continued from page 16

Louisiana Engineering Society, and has served in many capacities and on several committees, including serving as the President of the New Orleans Chapter. Currently she is serving as a LES state director and is the New Orleans Chapter Mathcounts coordinator.

Mrs. Johnson is a graduate from Louisiana State University, with a B.S. Electrical Engineering. She is currently employed by Albert-Garady and Associates, Inc as a Senior Electrical and Instrumentation Engineer. In addition to her work accomplishments, she has served as her neighborhood's social committee chairman and volunteers at her daughter's school. She lives in Mandeville with her husband, Greg, and her children Tori and Tony.

Charles W. Nelson, P.E.

continued from page 17

the company, including board positions on the Boy Scouts of America, Salvation Army, World Trade Center, St. George's School, and the Loyola International Business Center and the UNO Engineering Advisory Board. As a member of the Salvation Army's Property Committee, he helped secure funding for and provided oversight in the construction of the Center of Hope, which now provides temporary housing for displaced families and individuals, along with counseling and job training.

His support of the Boy Scout programs has provided leadership guidance for boys and young men across Southeast Louisiana and Southwest Mississippi. Working on the Property Committee and Executive Committees there, he has contributed to a strengthening of programs to reach urban youth and direct them to positive role models and learning experiences.

His activities in ISAS school developments and church outreach programs for needy New Orleanians has increased his company's impact on public education issues through its Business/Education partnerships.

Mr. Nelson is also a 2000 graduate of the New Orleans Regional Leadership Institute, and President of that organization's alumni association. The Institute is an initiative of The New Orleans Regional Chamber of Commerce whose mission is to help promote regionalism and provide current and emerging leaders with a more thorough understanding of issues, and an enhanced ability to collaborate for the greater good of the community on a local and regional basis.

PAST STATE PRESIDENT'S STRONGLY OPPOSE CHANGES TO LES CONSTITUTION

By: Dale Hunn, P.E.

In a split vote, the LES Board of Direction has recommended to the membership that changes be made to the LES Constitution. These changes can only be made if a majority of the members of the Society casting votes approve. If you are a voting member of the Louisiana Engineering Society you will receive a ballot in March 2004. The past LES State Presidents listed below are recommending that you vote against the proposed changes for these reasons:

- LES has supported licensure of engineers since it was founded in 1898.
- ALL members of the LES Board of Direction have been licensed Professional Engineers or licensed Professional Land Surveyors since the licensing law was passed by the state legislature in 1908.
- One of the proposed changes to the Constitution would add another member to the LES Board of Direction. The Chairman of the Young Engineers Committee (YEC) would become a voting member of the LES Board. The YEC Chairman would NOT have to be a licensed Professional Engineer or licensed Professional Land Surveyor.
- We have no objection to the new position being added to the Board. We do strenuously object to the YEC Chairman not being required to be a P.E. or a P.L.S. We feel this is not consistent with the goals and objectives of LES, and is sending the wrong message to Young Engineers on the requirements for licensure as a Professional Engineer or a Professional Land Surveyor.
- Unfortunately the ballot will allow you to vote FOR or AGAINST ALL of the proposed changes. You will not be allowed to support some of the proposed changes and oppose the other changes. Again, we do not believe that the Board has provided LES members with the appropriate options in this vote.

Therefore, your vote **AGAINST** the proposed changes is strongly encouraged and recommended by the past state presidents named below.

Waldemar S. Nelson, P.E. 1957
 Jerrel J. Freeman, P.E. 1980-81
 T. Dudley Hixson, P.E. 1983-84
 Lloyd G. Hoover, P.E. 1991-92
 Dale T. Hunn, P.E. 1993-94
 J. Madison Drake, P.E., 2002-03

Malcolm L. Hurstell, P.E. 1975-76
 Lamon L. Moody, Jr., P.E. 1982-83
 Kerry J. LaBauve, P.E. 1990-91
 Glynn P. Gautreau, P.E. 1992-93
 Robert A. Brossette, Jr., P.E. 1996-97

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The Louisiana Engineering Society would like to thank the following sponsors for their donation to Dr. Price's NSPE President Support Fund. Your generous contribution and continuous support of our organization and the engineering profession are greatly appreciated. Also your donation will make it possible to hold a successful installation reception in honor of Dr. Bobby Price.

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Leslie K. Guice, Ph.D., P.E.*continued from page 17*

created as a partnership between the engineering and business colleges to enhance the education of students in information technology and entrepreneurship, to promote the development and commercialization of advanced technologies, and to support economic development in the region.

Since becoming Dean in 1998, Dr. Guice has worked with others to develop novel approaches to interdisciplinary engineering and science education. Several new degree programs have been added including a Ph.D. in Engineering, an M.S. in Molecular Sciences and Nanotechnology, and an M.S. in Engineering and Technology Management.

In other professional activities, Dr. Guice is a member of the American Society of Civil Engineers, the American Society for Engineering Education, and the National Society of Professional Engineers. Dr. Guice has served the Louisiana Engineering Society as Chairman of the Engineering Education Committee and as President of the Monroe Chapter.

Dr. Guice received the Louisiana Tech University Foundation Professorship and has been honored three times with the American Society of Civil Engineers' Outstanding Teacher Award. Dr. Guice received the Louisiana Engineering Society's F. Hugh Coughlin Award for Merit for Young Engineers, the Charles M. Kerr Public Relations Award, and the Louisiana Engineering Foundation Faculty Professionalism Award.

Jim Rike, P.E.*continued from page 17*

free market industrialization. He was awarded the Todd Medal for technological achievement by LES, and he has been designated a Distinguished Member by SPE. The industry and the public have become well aware of Jim's achievements.

Rike has demonstrated an unusual ability to structure seminars and short courses so that participants can build their own conclusions on good basic technology, solid logic, and thoroughly demonstrated results. Participants say, "I never understood how all this tied together until now!", or "It is remarkable how many myths and misconceptions I've had straightened out!", and "Jim proves more with fourth grade arithmetic than I ever imagined could be shown with higher math!" He has used that same talent to lead neighborhood organizations, civic organizations, police patrols, and to serve on safety and standardization committees. The result has been the development of great respect from industry leaders, students, and the public for the practicing professional engineer.

Charles G. Coyle, P.E., P.L.S.*continued from page 18*

Other professional and civil activities include President of the Central Bossier Water System, Charter Member and Former Chairman of the Greater Bossier Economic Development Foundation and Bossier Chamber of Commerce Board Member. He served on the Louisiana Tech Civil Engineering Advisory Board, The Bossier Parish Community College Chancellor's Advisory Board and currently serves on the Nicholls State University Geomatics Advisory Board. He also represents Bossier Parish on the I-69 Mid-Continent Coalition.

Mr. Coyle served the Louisiana Professional Engineering and Land Surveying Board from 1997 - 2003. He served as Vice Chairman of the Board, Chairman of the Land Surveying Committee and the Civil Engineering Committee. Mr. Coyle's recognition for his service include The A.E. Wilder, Jr. Award for service to American Council of Engineering Companies of Louisiana in 1998, Louisiana Tech University Civil Engineering Distinguished Alumnus Award in 1999 and a Presidential Citation for Outstanding Service to Louisiana Society of Professional Surveyors in 2003.

He was elected to Chi Epsilon National Civil Engineering Honor Society in 1988. The firm received the 1994 Award for Outstanding Participation in Louisiana Engineering Society Shreveport Chapter and the Bossier City Rotary Club "Business of the Year in 2002. The firm annually provides a scholarship to Bossier Parish Community College to a graduate of Plain Dealing High School. Mr. Coyle is a founding member of Tech's Best Scholars Endowment.

Mr. Coyle is married to Sheila Wells Coyle and has a son, Charles G. Coyle, III, P.L.S., who works in the firm and a daughter, Maggie Tufail, a resident of New Orleans. Mr. Coyle is an Elder in the Cottage Grove Memorial Presbyterian Church in Plain Dealing.

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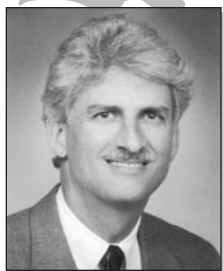
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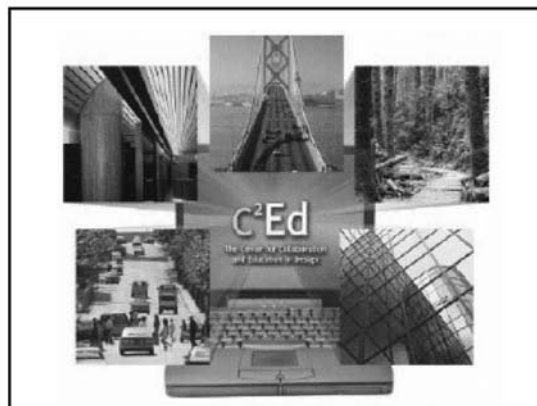
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continued on page 28

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2004 LOUISIANA ENGINEERING FOUNDATION'S VINCENT A. FORTE GRADUATE SCHOOL FELLOWSHIPS AWARDED

Each year the Louisiana Engineering Foundation (LEF) awards \$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 2004 are Carol Mullenax and Carol Hill. These students were presented a plaque at the LA Joint Engineering Societies Conference banquet on February 11, 2004 in Baton Rouge by Ann Forte Trappey, President 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, Texaco 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.

Carol A. Mullenax

Carol Mullenax is pursuing a Doctorate in Biomedical Engineering at Tulane University, a program that involves coursework, research, and teaching service to complete the degree requirements. She is investigating the use of iontophoresis to enhance drug delivery to the front of the eye through both in vitro and in vivo experiments as well as computer simulation. To fulfill the teaching requirement, she has substitute lectured for a junior-level bioelectronics class and she is currently the teaching assistant for Tulane's freshman-level intro to engineering class. Ms. Mullenax returned to full-time graduate study after several years working in the aerospace industry, having spent time first in flight testing then in structural dynamics and loads at McDonnell Douglas in St. Louis, Missouri. She intends to pursue teaching actively after completing her degree and she has become involved in ASEE to further her knowledge about possible career paths in academia. Ms. Mullenax serves as a mentor to a 6th grade student. She also volunteers for her undergraduate institution as an Advisory Council member for the Alumni Fund and an alumna representative for Undergraduate Admissions Support. Most of her free time is spent on church activities at St. Matthew's United Methodist Church in Metairie, LA.

Carol J. Hill

Being a Louisiana resident living in the Baton Rouge area, Ms. Hill decided this year to return to graduate school and applied to Louisiana State University to pursue a master's degree in civil engineering. Her real aspiration is to obtain a Ph.D. in engineering and to eventually teach at the university level. As her dissertation subject, she is exploring the vulnerability of industrial facilities to wind damage. This project will consist of gathering past failure information from agencies and industry reviewing current wind design standards for industrial facilities, modeling particularly sensitive structures in LSU's wind tunnel, and create a statistical analysis that will relate expected damage with wind speed. This will be the first work of its kind for industrial facilities. The analysis will be directly applicable to the objectives of disaster management agencies, engineering design standards committees, the insurance industry and companies engaged in industrial pursuits. For the past four years, she has worked in Nebraska Kansas, Alabama and Louisiana for Kiewit Industrial, a national contractor that specializes in the construction of EPC power and process facilities. Ms. Hill attends St. George Catholic Church and is single. Being from Wyoming, she loves the outdoors and her hobbies include travel, backpacking, fishing, swimming and cooking.

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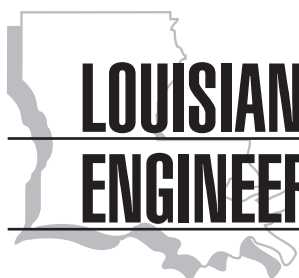
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LOUISIANA ENGINEERING FOUNDATION ENGINEERING FACULTY PROFESSIONALISM AWARD

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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 six recipients. The Louisiana Engineering Foundation would like to congratulate these recipients of the 2004 Engineering Faculty Professionalism Award!

The recipient from McNeese State University is Dr. Pam Dautenhahn, P.E. Dr. Dautenhahn is a Juliet Hardtner Endowed Chair for women in Science and Technology in 1999-2002. She was an AICHE Student Chapter Advisor, an AICHE Southwest Region Student Chapter liaison and a McNeese Organization for Science and Technology Advisor. Dr. Dautenhahn is also writing a book to encourage high school students to consider science, engineering and technology careers.

Louisiana Tech University's recipient is Dr. Gene Callens, P.E. Dr. Callens taught graduate and undergraduate courses at Louisiana Tech University for the past nineteen years. He also taught all undergraduate aerodynamics courses at Georgia Tech under a Graduate Teaching Assistantship and Ford Foundation Fellowship. Dr. Callens was the Principal Investigator for Air Force sponsored and U.S. Army sponsored research projects during 1999-2001. He was the Principal Investigator for two NASA sponsored and one U.S. Army sponsored research projects during 1995-97. Dr. Callens has thirty-three years experience in aerospace test and technology project management. He has received many honors over his career and has been listed under American Men and Women of Science, Who's Who in the

South and Southwest, Jane's Who' Who in Aviation and Aerospace, Who's Who in Technology Today, and Who's Who in Frontier Science and Technology.

Dr. Glen R. Boyd, P.E. is the recipient from Tulane University. Dr. Boyd incorporates up-to-date techniques in research, specifically pertaining to identifying emerging contaminants and understanding the fate and transport of contaminants in water resources. He demonstrates loyalty to CEE and Tulane as an advocate of ABET accreditation and growth of the Department. Dr. Boyd provides enormous mentoring of undergraduate and graduate students in CEE. In addition, he provides mentoring for students in other engineering departments, thus promoting the engineering profession. Dr. Boyd has a keen awareness of man's interaction with the environment and ecological systems based on ongoing research interests. He is an active member and leader of technical committees and administrative committees.

The recipient from the University of Louisiana-Lafayette is Dr. Xiaoduan Sun, P.E. During the past ten years, Dr. Sun has conducted more than twelve research projects and made more than twenty presentations at various engineering conferences. She currently holds the John E. and Joretta Achée Chance Professorships. She is a Panel member of the National Highway Cooperative Research Program Project 3-69, Design of Construction zones of High-Speed Highways. Dr. Sun is a member of Chi Epsilon, The Association of Transportation Safety Information Professionals, and The American Society for Civil Engineer, The Institute of Transportation Engineers, and Sigma Xi. She is a member of the city of Lafayette Transportation Technical Committee and The Louisiana Traffic Study Committee. She is a member of the ASCE Advanced Technology on Transportation Committee and the Technical Committee of the 8th International Conference on Applications of Advanced Technologies in Transportation. Dr. Sun reviews papers for the Transportation Research Board's Annual Meeting. She serves as faculty

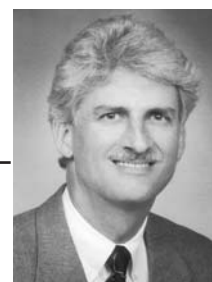
advisor to the UL Lafayette student chapters of the Society of Women Engineers and the Institute of Transportation Engineers.

Dr. Norma Jean Mattei, P.E. is the recipient from the University of New Orleans. Dr. Mattei was DSOC Teacher of the year in 2000-2001 and 1995-1996 academic years. She was Alpha Chi Epsilon Assistant Professor of the year in 1995-96. Dr. Mattei was in Who's Who Among America's Teachers. She served as President Elect of the LA Section of ASCE in 2003-2004 and the President of the New Orleans Branch of ASCE in 2000-2001. Dr. Mattei was the Chair for the LA Civil Engineering Conference and Show in September, 2000 and she also chaired the Structures Committee for the New Orleans Branch of ASCE in 1999-2000.

The recipient from Southern University is Dr. Raife F. Smith II, P.E. Dr. Smith has taught ELEN 409-Communications Engineering for the past three semesters. He has enhanced the course with significant design content. He developed three new graduate courses for the Telecommunications and Computer Networking option of the Master of Engineering Program. Dr. Smith has had numerous research publications over the past five years. The many accomplishments of Dr. Smith are that he successfully led the effort to reaccredit the Department and remove all deficiencies and weaknesses related to curricular design content. He significantly improved the Department's documentation, record-keeping, and service levels. Dr. Smith serves as a member of the University Faculty Development Board. He also serves as a member of the Department's Curriculum, Facilities Maintenance, Graduate Admissions, and ABET Assessment committees and served as chair of the ABET Self Study Editorial Committee. Dr. Smith received significant professional recognition in 1996 when he was awarded a Doctoral Support Program Fellowship by Lucent Technologies Bell Laboratories. In 1994, Dr. Smith was awarded the AT&T Global Manufacturing Excellence Award.



A LETTER FROM THE PRESIDENT



My fellow engineers:

It is a privilege and an honor to serve as President of the American Council of Engineering Companies of Louisiana this year. I will be brief in my message to you...if your organization is founded on offering engineering services, then ACEC/L is the best kept secret around.

For starters, we have value - CEO and other senior manager conferences where idea exchanges expand horizons; professional development seminars and educational publications that refresh your professional services; peer guidance on better management of professional practices and business expenses; industry programs to help with insurance and retirement funding; and professional camaraderie that lights the lamp to your way.

For industry representation, there is no better value - national and state business initiatives that expand and protect our markets; legislative leadership that controls and reduces our liability exposure; and partnering with our fellow industry trade groups to share insights and build coalitions. Here are some of the highlights from just this past year:

Nationally

- > Expanded multi-year authorizations for transportation (highway and airport) and waste/wastewater funding.
- > Defended reforms provided for in the Fair Labor Standards Act (FLSA) that allows proper classification of employees as exempt or non-exempt.
- > Defeated an anti-outsourcing amendment to the FY'04 Transportation and Treasury appropriations bills.
- > Expanded Qualifications-Based Selection by inserting QBS language in the approved \$20 billion wastewater funding bill.

State

- > Led the effort to reduce the peremptive liability for errors and omissions of design professionals from 7 to 5 years.
- > With the Louisiana Architects Association, we jointly led the effort to negotiate greatly enhanced fee arrangements for work with the Louisiana Division of Administration Facility Planning and Control.
- > Revising Bylaws to allow another category of membership, Affiliate Membership, to participate in ACEC/L activities and glean positively from their input on the issues before the Council.

I hope you can join us at our Spring Continuing Education Seminar March 26th in Baton Rouge and our Annual Convention Thursday through Sunday, June 3-6, 2004, at the Sandestin Hilton Beach and Golf Resort & Spa, Destin, Florida.

Wilfred B. Barry, P.E., P.L.S.
President
American Council of Engineering Companies of Louisiana
President
SJB Group, Inc., Baton Rouge, LA

And Now, the Rest of the Board...

P. Charles Taylor, Jr., P.E., is currently serving on the board as ACEC/L President-Elect. He is owner and President of S.E. Huey Co., Monroe, LA, having been with the firm for over 28 years. Prior to his joining S.E. Huey Co., Taylor served three and a half years with the U.S. Navy Civil Engineering Corps. He chairs the ACEC/L Continuing Education Committee, planning the Council's seminar events, and the ACEC/L 2004 Annual Meeting Planning Committee.

John W. Holtgreve, P.E., serves this year as the Council's Vice President. He is Vice President of Design Engineering, Inc., Metairie, LA. He is an active member of the ACEC/L Transportation Committee, Technology Committee, the Corps of Engineers Liaison Committee, and chairs the ACEC/L Membership Development Committee. Holtgreve earned a B.S. in Civil Engineering in 1970 and an M.S. degree in Civil Engineering in 1975 from Tulane University.

James P. Ledet, P.E., was elected to serve as the Council's Treasurer, having served last year as ACEC/L's Secretary. He is Senior Project Engineer with the Houma, LA consulting firm of T. Baker Smith & Son, Inc. He now manages the firm's Thibodaux office. A 1982 graduate of LSU with a B.S. degree in Civil Engineering, Ledet was appointed Public Works Director for Lafourche Parish in 1992, the first registered engineer ever to serve in that position. He serves on the ACEC/L Technology Committee and the 2004 ACEC/L Annual Meeting Planning Committee.

O. Lee Underwood, Jr., P.E., is serving his first term on the Executive Committee as Secretary, having served on the board for two years as the Shreveport Chapter President. He is President and partner in the consulting firm of BALAR Associates, Inc., Shreveport, LA, and currently serves as Chief Operating Officer. Underwood chairs the ACEC/L Public Relations Committee and is an active member of the ACEC/L Transportation Committee and the ACEC/L Legislative Committee.

Ann Forte Trappey, P.E., is completing several years of service on the ACEC/L Board as she serves as the Council's National Director, representing the Member Organization at all Board of Directors meetings of the Council's

national organization. The immediate ACEC/L Past President, she is the Chief Executive Officer/President of Forte and Tablada, Inc., Baton Rouge, LA. Trappey chairs the ACEC/L-AIA/L Liaison Committee, and serves actively on the ACEC/L Continuing Education Committee, the 2004 ACEC/L Annual Meeting Planning Committee and the ACEC/L East Baton Rouge Selection Board Ad Hoc Committee.

Robert A. Basinger, P.E., P.L.S., has returned to serve on the ACEC/L Board of Governors as the Shreveport area Member-at-Large, having served as the ACEC/L President several years ago. He is President of the Shreveport consulting firm of BBC Engineering, Inc. Basinger is currently serving a stint as one of ACEC/L's representatives on the Louisiana Engineers Selection Board, the group charged with awarding state agency design contracts. He is an active member of the ACEC/L Transportation Committee.

Paul D. Fryer, P.E., P.L.S., a partner in the West Monroe, LA firm of Lazenby & Associates, Inc., is serving a fourth term on the ACEC/L Board as the Monroe-West Monroe area Member-at-Large. He serves actively on the ACEC/L Public Relations Committee. Fryer is Past President of the Private Practice Division of the Louisiana Engineering Society, and Past President of the LES Monroe Chapter. He represented LES on the Louisiana Engineers Selection Board, the panel that awards state agency design contracts.

Lawrence W. Blanchette, P.E., has been re-elected to serve another term on the ACEC/L Board as a Lafayette area Member-at-Large, having served as the Lafayette Chapter President. He is President of the Lafayette, LA consulting firm, Associated Design Group, Inc. Blanchette serves actively on the ACEC/L-FP&C Liaison Committee, the ACEC/L-AIA/L Liaison Committee, and plays an important contact role in the ACEC/L Legislative network. He received a B.S. degree in Mechanical Engineering in 1982 from the University of Waterloo and an MBA degree in 1988 from the University of Louisiana in Lafayette.

Anthony J. Mumphrey, Jr., P.E., P.L.S., serves on the ACEC/L Board as a New Orleans area Member-at-Large, having served as the New Orleans Chapter President several years ago. He is President of The Mumphrey Group, Inc., a professional consulting firm in New Orleans. Mumphrey is an active member on the ACEC/L Transportation Committee. Earning his doctoral degree in Regional Science from the University of Pennsylvania, he serves as the Louis Armstrong New Orleans International Airport's Master Consultant.

Frank C. Newell, P.E., P.L.S., serves as a New Orleans area Member-at-Large on the ACEC/L Board of Governors. A 1981 Civil Engineering graduate from Louisiana State University, he is Vice President of Civil Engineering in the Metairie-based consulting firm of Linfield, Hunter & Junius, Inc. He is a former President of the Council's New Orleans Chapter.

Ara Arman, P.E., serves on the ACEC/L Board as a Baton Rouge area Member-at-Large. He is Senior Vice President of the Baton Rouge-based consulting firm of G.E.C., Inc. Arman is a member of the ACEC/L Environmental Committee and the East Baton Rouge Parish Selection Board Ad Hoc Committee. He is the 2001 recipient of the prestigious A.E. Wilder, Jr. Award, presented to an individual who has contributed extraordinary service to the organization.

Michael N. McGaugh, P.E., has been elected to serve on the ACEC/L Board of Governors as a Baton Rouge area Member-at-Large. He is a principal in the Baton Rouge-based consulting firm of ABMB Engineers, Inc. McGaugh is an active member of the ACEC/L-Corps of Engineers Liaison Committee and chairs the East Baton Rouge Parish Selection Board Ad Hoc Committee.

Suzanne McCain, P.E., was re-elected to serve a second term as President of the Baton Rouge Chapter. She is the Chief Civil Engineer at Evans-Graves Engineers, Inc., where she supervises plan development and municipal approvals of all of the firm's private work including hospitals, shopping centers, apartments and subdivisions.

McCain received a B.S. degree in Civil Engineering from Louisiana State University in 1987. She is actively involved in the ACEC/L Continuing Education Committee, the Membership Development Committee, and the ACEC/L East Baton Rouge Parish Selection Board Ad Hoc Committee.

Constantine F. Nicoladis, P.E., was elected by his peers to serve on the ACEC/L Board of Governors as the President of the New Orleans Chapter. He is Vice President of the Metairie-based consulting firm of N-Y Associates, Inc. Nicoladis is a 1985 graduate from Vanderbilt University, Nashville, Tennessee, with a degree in Civil and Environmental Engineering. He subsequently received a Master's degree in Business Administration from Loyola University in 1987 and joined N-Y Associates, Inc. on a full-time basis. He is an active member of the ACEC/L Public Relations Committee and the ACEC/L Membership Development Committee.

Lloyd G. Hoover, P.E., is serving on the ACEC/L Board of Governors as the President of the organization's Shreveport Chapter. He is principal and Louisiana manager of Maxim Technologies, Inc., a Shreveport-based geotechnical engineering company. Hoover is actively involved in the activities of the ACEC/L Transportation Committee, the ACEC/L-AIA/L Liaison Committee, and the Membership development Committee.

Richard J. Primeaux, P.E., P.L.S., serves on the ACEC/L Board as the Lafayette chapter President. He is President of the consulting firm of Schexnaider-Primeaux & Associates, L.L.C., Abbeville, LA. Primeaux is a 1978 graduate of the University of Louisiana in Lafayette (formerly the University of Southwest Louisiana) in Civil Engineering. He holds membership in the American Society of Civil Engineers and the American Concrete Institute. He is a member of the ACEC/L Membership Development Committee and is active in the ACEC/L legislative lobbying activities.

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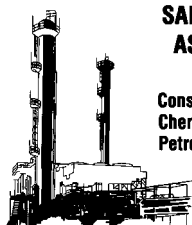
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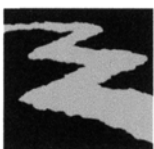


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CHAD A MORRIS, P.L.S.

LSPS INITIATIVES

Education Foundation:

This committee's primary goal is to establish the groundwork for LSPS supported scholarships, which will support future surveyors enrolled in the new Geomatics Program at Nicholls State University. Charles Coyle and Jack Farmer Co-chair the committee and lead our efforts in working with the Nicholls to establish criteria for transfer of funds, evaluation of applicants, etc. They are also working on a fundraising drive, which will ask companies and individual surveyors to support this effort - in essence to support the future of our profession.

Seminar Planning:

I would like to personally thank John Bradford and all the districts that put together this year's seminars. We had a broad range of seminars in all areas of state. I view providing continuing education opportunities to the members of our profession as one of the primary responsibilities of LSPS. Thanks to John

and many other dedicated professionals, I believe that we have fulfilled that responsibility this year.

2004 Convention:

Jesse Thibodeaux, Ryan Fuselier and the rest of District 3 have worked tirelessly to put together a great convention in Lafayette. I know from personal experience how much work goes into this effort. Please join me in showing support to your fellow professionals, who have worked so hard on your behalf, by attending the convention. I look forward to seeing everyone in Lafayette April 15-17, 2004.

Legislative:

The amount of work that Tony Cavell has done in the legislature on our behalf is truly astounding. He dedicated himself full-time to this effort during last year's legislative session. He continues to monitor legislative activities and is looking for opportunities to further our interests.



Chad A. Morris, P.L.S.
President
Louisiana Society of
Professional Surveyors

Promotion of Survey Profession (High School Presentations, Trig-Star, Map & Plat Contest) Ernie Gammon Jr., leads our effort in this area. I look forward to great things from his work.

Newsletter:

I am pleased to report that a new section, Letters to the Larpenteur, will be added to our newsletter containing frank and professional discussion of "hot" topics. LSPS members will start receiving e-mails asking for their input in the near future.

I want to personally and publicly thank everyone who gives of their time to better our profession.

Louisiana Society of Professional Surveyors

43rd Annual Convention

April 14 – 17, 2004

Join us in Lafayette...

TO BETTER OUR PROFESSION THROUGH EDUCATION!

See pages 38-42 for more information.

LSPS

LETTERS TO THE L'ARPENTEUR LOUISIANE

The LSPS Newsletter Committee is offering the membership an opportunity to participate in a land surveyor forum.

- ◆ Forward comments or concerns regarding our profession to the LSPS Newsletter Committee at 9643 Brookline Avenue, Suite 108, Baton Rouge, Louisiana 70809 or VIA EMAIL at lsps@bellsouth.net.
- ◆ The committee will review the letters and forward selections to the LSPS membership VIA EMAIL.
- ◆ The membership can then send their comments back to the LSPS office VIA EMAIL.
- ◆ The committee will be including selections in the upcoming LSPS sections of the newsletter.

This is a new endeavor for LSPS. We hope that the membership will find this forum helpful. Plans are also being made to include this on the LSPS web page in the future.

IS YOUR EMAIL ADDRESS CURRENT WITH THE LSPS OFFICE?
If you are not receiving emails from LSPS, please forward your current address to us so that our database can be updated.

Respectfully,

The LSPS Newsletter Committee

2004 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 ♦ Website: 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, 2002**, and may not have previously been entered in any LSPS contest. The entry may be freehand or machine drafted.

Submit four (4) folded prints 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
(Permit drawings, Hydrographic maps, etc.) | <input type="checkbox"/> |
| 6. | Color Presentation-Plans & Maps
(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 FEBRUARY 29, 2004!

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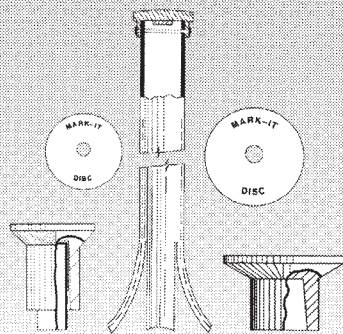
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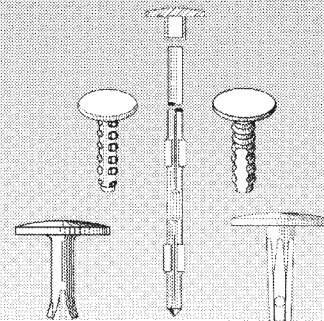
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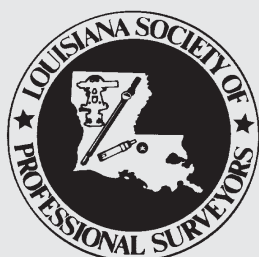


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43rd Annual Convention - April 14 - 17, 2004

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- ♦ **True Acadiana style entertainment**
- ♦ **Exhibitors offering the latest technology for the land surveyors**
- ♦ **Outstanding speakers**

Wednesday - April 14, 2004

Golf Tournament during the day & the Annual Exhibitor Reception during the evening

Thursday - April 15, 2004

In the morning, Mr. Lane Bouman will present "*Public Land Survey System*" for 4 PDH credits. This seminar will give instruction on how township and range lines were run and how sections were laid out.

In the afternoon, Mr. Corky Rodine will present "*Public Land Survey System Retracement*" for 4 PDH credits. This seminar will give instruction on restoration of obliterated, lost corners and differences between the two.

In the evening, the host district - LSPS District 3 - invites you to an evening of *GENIUNE CAJUN* food and entertainment!

Friday - April 16, 2004

We have four technical sessions planned.

- ♦ "*Courthouse Structure*" by Louis Perret for 1 PDH
- ♦ "*Subdivision Title Courthouse Research*" by Keith Dronet for 1 PDH
- ♦ "*Professional Ethics*" by Fred Dugdale for 2 PDH
- ♦ "*Tree Identification Using Dendrology*" by Toni Debosier for 4 PDH

In the evening, we hope you will plan to attend the Annual Awards Banquet!

Saturday - April 17, 2004

We are pleased to provide a required continuing education course "*Minimum Standards for Property Boundary Surveys*" by Tony Cavell for 4 PDH credits.

ATTENTION LADIES . . . as usual we have volunteers from the local district planning unique tours and luncheons during the convention. The details are still being arranged, but you can sure that you will be *passing a good time* in LAFAYETTE!

LAISSEZ LA BON TEMPS ROULETTE!

Louisiana Society of Professional Surveyors

43rd Annual Convention - April 14 - 17, 2004

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- ◆ ALL SEMINARS AT CONVENTION
 - ◆ Daily Admittance to Exhibitor Area
 - ◆ Luncheons on Thursday & Friday
 - ◆ Crawfish Boil on Thursday
- ☐ Only Thursday Seminar Registration
- ◆ Admittance to Exhibitor Area
 - ◆ Luncheon
 - ◆ Crawfish Boil on Thursday
- ☐ Only Friday Seminar Registration
- ◆ Admittance to Exhibitor Area
 - ◆ Luncheon
 - ◆ Crawfish Boil on Thursday
- ☐ Only Saturday Seminar Registration
- ☐ Golf Tournament - Wednesday, April 14th
- ◆ Please provide HANDICAP for team placement: _____
- ☐ Annual Banquet - Friday, April 16th
- ◆ *Price Per Ticket - # of tickets _____
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- ◆ *Price Per Ticket - # of tickets _____
 - ◆ Complimentary Admittance for:
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EXHIBITOR DETAILS

- ◆ Booths will be 10' x 10', with one table & two chairs, electrical, and complimentary sign.
- ◆ Exhibitors may begin setting up at 12:00 noon on Wednesday, April 14, 2004.
- ◆ There will be an exhibitor reception held on Wednesday, April 14, 2004, from 6:00 PM – 9:00 PM.
- ◆ Additional exhibit viewing time will be scheduled on Thursday, April 15, 2004, throughout the day between 7:30 AM & 5:30 PM (prior to morning seminar, extended morning & afternoon breaks and luncheon, etc).
- ◆ Exhibitors will be recognized at the luncheon on Thursday, April 15th.
- ◆ Exhibit viewing on Friday, April 16, 2004, throughout the day between 7:30 AM & 1:30 PM (prior to morning seminar, extended morning break & luncheon).
- ◆ Exhibit viewing will conclude after the Friday luncheon.
- ◆ **Fees**
 - First Booth - \$400
 - Second Booth - \$350
 - Additional Booth(s) - \$300

EVENT SPONSORSHIP

- ◆ We welcome our exhibitors to sponsor a morning refreshment, morning break, or afternoon break. Each sponsor will have a sign placed during the appropriate time and special recognition in the convention booklet.

Sponsorship Fee - \$200

(Events – LSPS reserves the right to have more than one sponsor for each event.)

- ☐ Thursday Morning Refreshments
- ☐ Thursday Morning Break
- ☐ Thursday Luncheon
- ☐ Thursday Afternoon Break
- ☐ Friday Morning Refreshments
- ☐ Friday Morning Break
- ☐ Friday Luncheon

SOCIAL EVENTS

- ♦ **ATTENTION GOLFERS!** The **CAJUN GOLF TOURNAMENT** will be held on Wednesday, April 14th, from 11:00 AM – ‘til (Site TBA). Fee for the golf tournament is \$40.00 per person.
- ♦ A reception in the Exhibitors’ honor will be held on Wednesday, April 14, 2004, in the exhibit area from 6:00 PM – 9:00 PM.
- ♦ We invite the exhibitors to join the membership for luncheons on Thursday, April 15th, and Friday, April 16th.
- ♦ LSPS is planning a complimentary dinner at the hotel on Thursday, April 15th, from 6:00 PM – ‘til.
- ♦ The Annual Awards Banquet will be held at the hotel on Friday, April 16th, from 6:00 PM – ‘til. Fee for the banquet is \$35.00 per person.

HOTEL DETAILS

- ♦ ***Facility***
Hilton Lafayette & Towers
1521 W. Pinhook Road
Lafayette, Louisiana 70505
- ♦ LSPS Convention Guest Room Rate \$74.00 + tax
** **MUST** mention the LSPS Convention ***
Call the Hilton directly at 337-235-6111
LSPS CODE “LSV”
- ♦ You will find instructions attached for shipping equipment to the Hilton Lafayette & Towers.

LSPS CONTACTS

- ♦ LSPS, 9643 Brookline Avenue, Suite 108, Baton Rouge, Louisiana 70809
- ♦ Debra Bagley at the LSPS State Office – Phone: 225-925-5800 – Fax: 225-925-5802 – or email at lsps@bellsouth.net
- ♦ Jesse Thibodeaux, LSPS Convention Chairmen – (337)237-1300
- ♦ Kevin Burdeaux, LSPS Convention Committee Member – (337)837-3334

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LSPS

EXHIBITOR BOOTH REGISTRATION
for the
Louisiana Society of Professional Surveyors
43rd Annual Convention - April 14 - 17, 2004

Firm Name: _____

Mailing Address: _____

Contact Person: _____ Phone #: _____

Fax #: _____ Email: _____

Names for Badges: _____

SIGN ME UP FOR THE CAJUN GOLF TOURNAMENT: _____

My handicap is: _____

I WOULD LIKE TICKETS TO THE ANNUAL AWARDS BANQUET: _____
of tickets

FEES ENCLOSED

◆ Booth(s): _____ First Booth: \$400 Second Booth: \$350 Add'l Booth(s): \$300

(See attached layout) - First Choice: _____ Second Choice: _____ Third Choice: _____

◆ Event Sponsorship: _____ \$200 Per Event

(Mark Event - LSPS reserves the right to have more than one sponsor per event.)

☐ Thursday Morning Refreshments; ☐ Thursday Morning Break;

☐ Thursday Luncheon; ☐ Thursday Afternoon Break;

☐ Friday Morning Refreshments; ☐ Friday Morning Break; ☐ Friday Luncheon

◆ Golf: _____ \$40 Per Person

◆ Banquet: _____ \$35 Per Person

TOTAL FEES: _____

Mail or Fax to:

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* Fax: 225-925-5802 * Questions: 225-925-5800

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Join LSPS today! The LSPS Board of Directors will review new applications at their meeting in April.



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Trimble - 5800 RTK GPS Surveying System

The revolutionary integrated 5800 GPS receiver combines a dual-frequency GPS receiver antenna, UHF radio, and power source into a single compact unit that fits in the palm of your hand and weighs in at just 1.21 kilograms (2.67 pounds).

Designed to be used with the ACU™ Controller or TSCE™ controller, the 5800 makes cables a thing of the past -- you can now control your surveys using the built in short-range Bluetooth wireless technology. This truly cable free GPS rover comprising the pole, ACU controller, holder and batteries for a full day's work weighs only 3.5 kilograms (7.8 pounds).

With the Trimble 5800 GPS system, versatility is redefined -- it can be configured as a rover or GPS base, making it versatile to meet the changing needs of surveyor's projects. Further, it includes 2MB of internal memory for postprocessing, as well as being fully RTK capable.

The 5800 works with certain Bluetooth cell phones, which allows for a completely cable-free RTK rover. Additionally support for the use of General Packet Service (GPRS) available on many GSM networks world-wide, allows for significantly more cost effective data transfer in the field where you are charged based on the amount of data transferred, instead of the amount of time spent online.

Geo Explorer CE Series

The Geo Explorer CE® series of GPS handhelds takes mobile GIS in an exciting new direction. Whether your task is collecting and maintaining data to keep your GIS up to date or using your GIS data in the field, the Geo Explorer CE series is the solution.

A GPS CE handheld is a CE device with an integrated Trimble GPS receiver. A unique combination of GPS and the Windows CE operating system, it's light, portable and incredibly powerful.



Trimble Recon™

The Trimble Recon™ handheld is designed for the realities of mobile GIS fieldwork. Compact and rugged, it exceeds military specifications for drop, vibration, immersion, and operating temperatures. Small and lightweight, the Trimble Recon handheld is ready to work when you are.

Thanks to a powerful battery, you can work all day in the field without having to worry about data loss. Internal Flash memory protects your data from resets or power loss.

Trimble Recon displays large GIS image and data files quickly. Its color touch screen is readable in direct sunlight, so you can easily view detailed graphics files in the field.



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