



Louisiana Engineering Society New Orleans Chapter

<http://www.no-les.org>



Words from Our President Frank Gallagher, P.E., CIH

January 5, 2010

Happy New Year! My wish is that my safety message of last month helped you safely through the holidays.



Frank Gallagher, P.E. CIH
President NOLES 2009 - 2010

As I was unable to attend, Charlie Ford informed me the December meeting was very successful. Many thanks to Wayne Westerfield for arranging this and our two previous meetings. A plaque was presented to Keith Gonzales for his leadership as a two term Chapter President. Recognition was given to both Bodin Hugger and Jon Kachaturian for their selection as LES awards recipients. These awards will be conferred at the 14th Joint Engineering Society Conference, in Lafayette, on January 28th. Additional information about the [JESC](#) may be obtained from the LES website. Please note the technical sessions appear to be very informative and we encourage your attendance.

Craig Dooley and I attended the LES State Board Meeting on 20 November and the highlights were: 1) JM Drake's nomination as a NSPE Fellow was accepted; 2) A local software company is working with LES to expand the data base for archiving our PDH records. The LES plans to market the developed software to other State Engineering Societies; 3) In December our Chapter approved and remitted a donation of \$2500 to the Louisiana Engineering Foundation (LEF) to reduce mortgage debt on the State Engineering Center. Long term this will allow more funds for scholarships.

A Board Meeting including all past Presidents will be held at the Metairie URS Office, 10th Floor Conference Room, 13 January at 1800. Please confirm your attendance by 11 January. Robert Mejia has arranged our 20 January meeting at N'Tini's restaurant in Mandeville; Dr. Norma Jean Mattei will demonstrate the value of ethics within our profession.

Our celebration of Engineers' Week commences on 18 Feb at UNO. Ms. Karen Durham Aguilera, an executive with the USACE Hurricane Protection Office will address us at the event. For our 21 April Meeting, John Lawrence has arranged a tour of the Louisiana DOT, New Orleans Regional Traffic Control Center.

Frank P. Gallagher, III, P.E., CIH
President, 2009—2010

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Other Organizations

[STATE LES](#)

[2010 JESC In Lafayette](#)

[LES STORE](#)

[NSPE](#)

[MATHCOUNTS](#)

IT'S NOT TOO LATE TO DONATE TO OUR SCHOLARSHIP FUND

[N'TINI'S Restaurant, 2891 Hgy 190, Suite D, Mandeville, LA 70471](#) (985) 626-5566 20 January

After the deadline of Noon, 18 January, your reservation cannot be guaranteed.

I PDH

LES Members, Non Members: A Click of your menu choice confirms your attendance and meal. If you are reading this you may email your menu choice to pjwilliams@mahlengr.com. Please indicate for yourself and your Guest (s) a LES Member, Member Guest, Non Member or have a non member Guest

Registration 6:30 Dinner 7:00 Speaker 8:00 Adjourn 9:00

\$ 35 Each: Member & Member Guest \$ 40 Non Members

All meals include: Soup Du Jour, Caesar Salad, White Chocolate Bread Pudding

Select MEMBER STATUS Choice also confirms attendance.

Grilled Chicken N'Tini [Member](#) [Member's Guest](#) [Non-Member](#)

Grilled chicken breast topped with crawfish cream sauce over penne pasta.

Beef Tenderloin [Member](#) [Member's Guest](#) [Non-Member](#)

Savory beef tenderloin covered in a roasted mushroom demi with a side of stuffed potato bake

Pan Roasted Fish [Member](#) [Member's Guest](#) [Non-Member](#)

Fresh fish pan roasted topped with roasted garlic beurre blanc served with sautéed vegetables



Norma Jean Mattei, P.E., Ph.D., M.ASCE

As Professor and Chair of the Department of Civil and Environmental Engineering at the University of New Orleans, Norma Jean Mattei serves as Director of Region 5, serving on ASCE's national Board, and is on the Executive Committee of the ASCE New Orleans' Branch SEI/Structures Committee. Dr. Mattei has also served as a primary resource to ASCE's Communications Department on a number of media relations activities including an interview with the National Public Radio on post-Hurricane Katrina conditions. She was named by the Governor of Louisiana to Louisiana's licensing board for professional engineers, LAPELS. She is the first women to be named to the Board in its over one hundred year history. She is a graduate of Tulane University and is a lifelong resident in New Orleans, where she lives with her husband and two daughters. Her research areas of interest include diversity in engineering and engineering education, engineering ethics, residual stress measurement using laser interferometry, mitigation of repetitively flooded structures in southeast Louisiana, and experimental testing of large and intermediate structural parts.

MATHCOUNTS - Calling all Volunteers. It's time to start thinking about MathCounts again. MathCounts is a math competition organized by LES for 6th, 7th and 8th grade students. It is held at UNO and the date for the competition is Feb. 6th. We need volunteers from 7:30 until 2:30. If you can help set-up, take-down, grade tests, proctor class rooms, or just want to come out, please let me know. I can be reached at 985-377-1038 . We also need sponsorships. If you or your company is interested, please let me know and I will give you our tax ID number. Thank you for your continued support! **Becky Johnson.**



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Keith Gonzales, Immediate and Two Term Chapter President receives a plaque for his leadership and dedication to the LES at Andrea's Restaurant during our Joint Society December Meeting. Charles Ford, 1st Vice President (pictured at left) was presenting.



Bodin Hugger Explains a Technical Concept for the Engineers Present....

December Speaker Recap: Emmanuel (Manny) Zulueta, Vice President and Site Executive of Michoud Operations, Space Systems Company, Lockheed Martin Corporation, NASA

Topic - Redirections at Stennis Space Center and the Michoud Assembly Facility

Manny discussed the new mission for the NASA Michoud Facility, transitioning from the External Tank program to Constellation program. The Constellation program consists of the Orion capsule (manufactured by Lockheed Martin), Ares I, and Ares V. The Ares I has two contractors:

- the solid rocket booster (1st stage) is manufactured by ATK in Utah
- Ares I upper stage (2nd stage) is manufactured by Boeing.

The Ares V (the unmanned cargo vehicle) contract has not been awarded.

All the components of the Constellation program: Ares I upper stage, Ares V, and Orion will be assembled at the Michoud Assembly Facility in New Orleans.