

The Reactor



New Orleans Section, American Institute of Chemical Engineers

Volume 13, Issue 3, November 2000

Third Meeting of the 2000-2001 Year

Our third meeting features Tom Grady, as our speaker. Tom will be talking to us about "Engineering Applications for the WEB".

Tom is the Owner & General Manager of Ebase, LLC a local company specializing in internet solutions.

His presentation is sure to be of interest to our members.

Please call **Brian Mitchell at 862-8257 {Tulane University}** or your Company Contact before the meeting to reserve a place if possible.

Meeting November 14, 2000 at Steak & Ale - 3870 Veterans Blvd. Metairie, LA

Cost is \$15/person.

5:00 - 6:00 P.M.	Social Hour
6:00 - 6:45	Dinner
6:45 - 7:00	Meeting
7:00 - 7:30	Speaker, Tom Grady
7:30 P.M.	Planned Meeting Ends

Future and Proposed Meetings

- January 9** - Bliss Higgins, DEQ., "Regulatory Issues"
- February 20** - Dr. Kim O'Connor, Tulane, "BioTech Overview"
- March 13** - "OxyChem Plant Tour"
- April 10** - Mario Diva, Hyprotech, "Dynamic Modeling"

If you have a suggestion, please call **Keith Henderson at 846-6407 {Albert-Garudy}** All meetings are subject to change, please read future newsletters for updates.

Chairman's Corner

I apologize for missing the October meeting. Since I was scheduled as the speaker I was disappointed that I could not be there. We were very fortunate that Mel Larson agreed to fill in for me. I know that Mel is a very good speaker, and I have heard that he did quite well. My travel arrangements were changed to accommodate a client after the "Newsletter" was printed; therefore, we were unable to alert the membership regarding the substitution.

When Keith asked me to prepare a presentation that would be of interest to local area refiners, I was very pleased to oblige. I know we have many members from the local refineries and hope the presentation was of interest to them. I also hope that it was of some interest and value to the general membership. We have members from other industries that may prefer a special topic.

(See "Chairman" on page 4)

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The Reactor

New Orleans Section, American Institute of Chemical Engineers

A.I.Ch.E. New Orleans Section - Local Officers

Chairman

Greg Tragitt **KBC** **837-9228**

Vice-Chairman

Keith Henderson **Albert-Garudy** **846-6407**

Secretary

Dr. Brian Mitchell **Tulane** **862-8257**

Treasurer

Robert Sharshan **XXXX** **467-8339**

Membership Chair & Director

Bill Boutall **Wink** **243-4539**

Finance Chair & Director

Open **Open** **Open**

Professional Development

Dr. J.B. Phillips **Eng. Dev. Inst.** **825-7046**

Newsletter Editor

Anthony Fregosi **Cytec, Ind.** **431-6598**

Several positions are open within the section for those who would like to take on a leadership role within the section. Please contact, the Section Chair or Vice-Chair listed above if interested in serving.

A.I.Ch.E. on the Internet

Visit the New Orleans Section Home page at:

www.tulane.edu/~bmitche/aiche/aiche.html

Also check out the National AIChE Home page at:

www.aiche.org

Anyone interested in this activity, please contact

Dr. Brian Mitchell (AIChE Webmaster) at

862-8257, brian@che.che.tulane.edu or

Anthony Fregosi, Anthony_Fregosi@fo.cytec.com

If your company does not have a contact, please contact **Jim Dean at 576-7174**

Company contacts act as a contact for AIChE inside their own company.

New Members are always welcome at **A.I.Ch.E. New Orleans**, local dues are only \$12 per year and includes this newsletter.

Please call **Bill Boutall at 243-4539**

COMPANY CONTACT LIST

These people are aware of our activities. If you think you have missed a newsletter, activity date etc., please contact them.

<i>Company/Person</i>	<i>Phone</i>
<i>Chevron Chemical</i>	391-6584
Christopher Day	
<i>Cytec Industries</i>	431-6598
Anthony Fregosi	
<i>DEQ Baton Rouge</i>	225-765-0202
Freddie Touro	
<i>Entergy</i>	576-7174
Jim Dean	
<i>EDG, Inc.</i>	445-0858
Leon Barnett	
<i>KBC Advanced Technology</i>	837-9228
Don Hoppens	
<i>Monsanto - Luling</i>	785-4511
Mike Valentine	
<i>Nalco/Exxon</i>	1-800-366-2526
Joy Usener	Ext. 1285
<i>Occidental Chemical</i>	783-7365
Linda Bergeron	
<i>Petro- Marine Engineering, Inc.</i>	364-4257
Robert Brown	
<i>Shell Chemical</i>	<u>Contact Needed</u>
<i>Steimle & Associates</i>	831-2574
Dr. Steve Steimle	
<i>Tulane University</i>	862-8257
Dr. Brian Mitchell	
<i>Union Carbide</i>	783-4780
Larry Mercier	
<i>Walk, Haydel & Assoc.</i>	586-8111
Jasper Westbrook	
<i>W. H. Linder & Associates, Inc.</i>	835-2577
Herb Roussel, P.E.	Ext. 3143
<i>Wink Engineering, Inc.</i>	246-7924
Bill Boutall	

Editor's Soap Box

When was the last time you interacted with the local section? If it has been awhile, you might be surprised at the level of activity and the opportunities available to become involved.

The section has recently welcomed two new members. With them come new and refreshing ideas for programming and activities. One of our new members, Chris Day, has even volunteered to become a company contact at Chevron (see new member profile this page).

At our last meeting, Mel Larson gave a presentation prepared by the section chair, Greg Tragitt. Greg was unable to give the talk as he had to be out of town on business. Even so, attendance was very good with several new faces. A couple of members who had not been to a meeting in years, attended.

Currently the section is actively supporting a new mentoring program at Tulane University Department of Chemical Engineering. We are looking at establishing a state catalyst program fashioned after the national program. The section will co-host the 2002 Spring National Meeting in New Orleans. These activities are in addition to our annual support of the New Orleans Science Fair (by providing judges) and providing networking and educational opportunities through our meeting program.

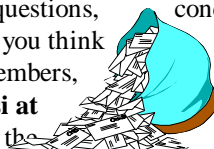
The section's efforts have not gone unnoticed over the years. Do not forget that the section won the 1995 "Randall D. Sheeline Award", for excellence in public relations activities and the 1999 "Catalyst Grassroots Award", for support of the grassroots advocacy program. Both of these awards are national recognition of section achievements.

If none of these activities appeal to you, just let the section leadership know, they are always open to new ideas and programming. On the other hand, contact any of the section officers if you would like to become more involved in any of the current activities.

Hope to see you at a future section meeting.

Anthony J. Fregosi, Editor

If you have any questions, information that you think interest to the members, **Anthony Fregosi** at have it placed in the



concerns or would be of please contact **431-6598** to newsletter.

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Phone: **(504) 727-9770**

Fax: **(504) 674-0955**

Email: **marvin@leghornlearning.com**

Web: **www.leghornlearning.com**

NEW MEMBER AND COMPANY CONTACT

Please join in welcoming a new member, Christopher I. Day. Chris graduated in May of this year from the University of Missouri-Rolla with a B.S. in Chemical Engineering and a minor in Economics. Upon graduation, he started with Chevron Oronite as a designs engineer at the Oak Point Lube/Fuel Additives Plant in Belle Chasse, LA. (Note: Chris has already volunteered to be the new company contact at Chevron). Chris's primary responsibilities include scoping out process improvements,

(See New Member on page 7)

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Chairman

We will try to anticipate these interests, but we also solicit your requests. Your input is highly valued to ensure that we are serving your interests.

Sincerely,

Greg Traggitt

Chairman, 2000-2001
New Orleans Section AIChE

52nd Career Fair Set for November

Institute members and employers attending the Annual Meeting at the Westin Bonaventure in Los Angeles, November 12 & 13 can benefit greatly from the career fair planned by AIChE's Career Services Department.

AIChE's 52nd Career Fair is a substantial benefit for any AIChE member who wants to explore career options.

(See "Career Fair" on page 7)

Newsletter Advertisement Charges

		\$/Year
Size	\$/Issue	9 Issues
Business Card (2" x 3.3")	\$ 16.00	\$ 100.00
1/4 page (5" x 3.5)	\$ 40.00	\$ 250.00
1/2 page (10" x 7.5")	\$ 80.00	\$ 500.00
Full Page (10" x 7.5")	\$ 160.00	\$ 1000.00

To order an advertisement, send the original of the advertisement (e.g. business card) and a check made out to "AIChE" New Orleans Section to Anthony Fregosi, Cytex Industries 10800 River Road Westwego LA 70094

Other Meetings

2000

AIChE Annual Meeting: "Exchanging Ideas for Innovation"
- Los Angeles, CA.

November 12 - 17

2001

AIChE Management Conference - Scottsdale, AZ.

March 7 - 9

AIChE Spring National Meeting & Annual Ethylene Producers' Conference - Houston, TX.

April 22 - 26

33rd Annual Engineering & Construction Contracting Conference (ECC) - Scottsdale, AZ.

September 6 - 7

46th Safety in Ammonia Plants and Related Facilities Symposium - Montreal, Quebec, Canada.

September 17 - 20

The 6th World Congress of Chemical Engineering - Melbourne, Australia.

September 23 - 27

N. O. Section Finances 2000-2001 (As of October 11, 2000)

Beginning Balance	\$ 5,435
Income	
Dues/LES Proceeds	\$ 48
Section Allowance/Misc. Bank credits	
Meals	360
Total	\$ 408
Expenses	
Meals	\$ 612
Newsletter	596
UNO Science Fair Registration	
Awards & Plaques/Bank Charges	6
Total	\$ 1,214
Ending Balance	\$ 4,629
Net Gain/(Loss)	\$ (806)
Meeting Costs Gain/(Loss) YTD	\$ (252)

Humor

As promised in last month's newsletter, here is a handy "paycheck guide".

PAYCHECK GUIDE:

The following helpful guide has been prepared to help our employees better understand their paychecks:

Item	Amount
Gross pay	\$1,222.02
Income tax	\$ 244.40
Outgo tax	\$ 45.21
State tax	\$ 11.61
Interstate tax	\$ 61.10
County tax	\$ 6.11
City tax	\$ 12.22
Rural tax	\$ 4.44
Back tax	\$ 1.11
Front tax	\$ 1.16
Side tax	\$ 1.61
Up tax	\$ 2.22
Down tax	\$ 1.11
Tic-Tacs	\$ 1.98
Thumbtacks	\$ 3.93
Carpet tacks	\$ 0.98
Stadium tax	\$ 0.69
Flat tax	\$ 8.32
Surtax	\$ 3.46
Corporate tax	\$ 2.60
Parking fee	\$ 5.00
F.I.C.A.	\$ 81.88
T.G.I.F. Fund	\$ 9.95
Life insurance	\$ 5.85
Health insurance	\$ 16.23
Dental insurance	\$ 4.50
Mental insurance	\$ 4.33
Reassurance	\$ 0.11
Disability	\$ 2.50
Ability	\$ 0.25
Liability	\$ 3.41
Unreliability	\$ 10.99
Coffee	\$ 6.85
Coffee Cups	\$ 66.51
Floor rental	\$ 16.85

(See "Humor" on page 7)

Louisiana Engineering Society Programs

The first event is the annual Holiday gathering. This year's program will be held on **Friday, December 15th at the Plimsoll Club (World Trade Center)**. It will begin with a cash bar social at 6:30, followed by dinner at 7:00. The speaker will be **Congressman David vitter of the First District of Louisiana**. The cost for dinner will be approximately \$35.00 per person with reservations, \$40 at the door. **Reservations must be made by noon Monday, December 11, 2000**. Remember to park in the Hilton Hotel's WTC parking lot and have your ticket validated by the Plimsoll Club.

The second event is the annual Engineers Week Banquet. This banquet is a celebration of National Engineers Week by LES and other engineering organizations. It will be held on **Wednesday, February 21st at the University of New Orleans**. The event will begin with a social at 6:30, followed by dinner at 7:00. The banquet speaker will be **Mr. Pon Dixon, of the U.S. Fish and Wildlife Department**. His presentation will address the history of the Delta wildlife preserve and managed interaction with the local industries. Attendees to this banquet will be awarded one Professional Development Hour. The banquet cost is to be determined. **Reservations must be made no later than noon on Monday, February 19, 2000**.

Please visit the web site at **www.noles.homepage.com** for menu choices and more information on both events as it becomes available. To make your holiday and/or banquet reservations, call or e-mail **Pam at Mahl and Associates (733-8050 or mahlengr@aol.com)**. Both events promise to be exciting meetings, so please consider attending. If you have further questions, please contact **Julia Lloyd at 283-3828 or via e-mail address stevenjulia@cs.com**.



**AICHE.....
Serving Chemical Engineers
Who Serve the World**

The Reactor

Taking the Next Steps: Local Sections' Advocacy Efforts

[Reprinted from AICHE*Extra*—Ed.]

The positive response from AICHE's 2000 Officers' Conference held in Washington, DC this summer has sparked the interest of several of the Institute's local sections. In early September, presentations were made by government relations staff at meetings of the AICHE's National Capitol and Atlanta sections. AICHE is currently making strides to mobilize its government relations efforts at the grassroots level by involving its growing number of local government interaction committees. The ideas presented mirrored those from the Officers' Conference which addressed "Next Steps" in advocacy and "Effective Communication with Elected Officials."

AICHE Director of Government Relations, Darlene Schuster, met with the National Capitol section on Wednesday, September 13, and gave a presentation on the "next step" in communications with elected officials. Schuster addressed the methods in making AICHE's stance better heard or understood by federal policymakers. AICHE's federal policy agenda, advocacy efforts and members' roles in government interaction were also discussed.

The AICHE Atlanta section also met on September 13, at Mary Mac's Café in Midtown Atlanta. President Valerie Brunson opened the meeting, which was held in part to recognize the achievements of AICHE member, Charles Churchman, both in the field of chemical engineering, and as a leader in the Atlanta AICHE section. Churchman was recently named a fellow of AICHE, and was presented with a plaque and pin commemorating this honor.

In his remarks, Churchman commented on the necessity of maintaining integrity in the profession, as that same ethic necessarily spills over into one's personal life. He stated that chemical engineering is an honorable profession, and should be treated as such: once professional ethics are compromised, the personal ethic also suffers.

After dinner, a presentation was given by Carla Sullivan of AICHE's Government Relations office in Washington on effective communication with elected officials. Sullivan described the advocacy activities of the institute in keeping with regulations of non-profit organizations, and gave a background of how AICHE develops its policies and communicates those policies to the federal government.

Dialogue followed the presentation on how the Washington office can be a resource to the local sections, and members were urged by those who were already Catalyst members to get involved with the Catalyst program. Interest was expressed in forming a government interaction committee within the Atlanta section, and in becoming more active on the policy front.

Section Grants PDH Hours

The AICHE New Orleans Local Section board of directors has approved last month's meeting on "Refinery Optimization" as providing 0.5 professional development hours (PDH).

It is a requirement for P.E.s in the state of Louisiana to obtain a minimum of 30 PDHs in engineering related activities during each biennial registration renewal period.

Please be advised that "Membership in engineering and land surveying professional associations or technical societies = one PDH per biennial registration renewal period for each professional or technical association or society. A maximum of three PDHs will be allowed per biennial registration renewal period."

Note: All required recordkeeping is the responsibility of the registrant.

Questions with regard to PHDs should be directed to the Louisiana State Board of Registration for Professional Engineers and Land Surveyors.

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Humor

Chair rental	\$ 0.32
Desk rental	\$ 4.32
Union dues	\$ 5.85
Union dotts	\$ 3.77
Cash advance	\$ 0.69
Cash retreats	\$121.35
Overtime	\$ 1.26
Undertime	\$ 54.83
Eastern time	\$ 9.00
Central time	\$ 8.00
Mountain time	\$ 7.00
Pacific time	\$ 6.00
Time Out	\$ 12.21
Oxygen	\$ 10.02
Water	\$ 16.54
Heat	\$ 51.42
Cool air	\$ 26.83
Hot air	\$ 20.00
Miscellaneous	\$113.29
Sundry	\$ 12.09
Various	\$ 8.01
Net Take Home Pay	\$ 0.02

[Ed—If you have any material for this column you would like to share, please send it to me. My email address is Anthony_Fregosi@fo.cyttec.com]

(Continued from page 4)

Career Fair

Members attending the fair are encouraged to submit their resume into AICHE's on-line Career Fair Resume Database accessible to participating employers only. Early resume submission will allow employers to review member credentials prior to the fair. On-site interviews will be conducted with qualified candidates.

For more details visit www.aiche.org/careerservices. For employer information, call (212) 591-7670; e-mail herbs@aiiche.org.

Call for Volunteers

Would you like to become more involved in AICHE?

The General Arrangements Committee for the 2002 Spring National Meeting to be held in New Orleans is being formed. You may think that it is too early to be thinking about a meeting in 2002, but that is not the case. It takes many months of planning to successfully host a national meeting. The Baton Rouge and New Orleans Sections have hosted this meeting several times. The two sections have a proud tradition of well organized meeting planning to uphold.

There will be several committees from which to choose to serve. If you are interested in becoming involved in this most rewarding activity, please contact **Anthony Fregosi** at (504) 431-6598 or email at Anthony_Fregosi@fo.cyttec.com for further information.

(Continued from page 3)

New Member

debottlenecking, shutdown/turnaround planning, and design of process changes for the Detergents process area.

Before working with Chevron, Chris worked as a co-op with Lyondell-Citgo Refining Co. in Houston, TX as a reforming unit process engineer and a summer internship with A.E. Staley (agricultural processing) in Decatur, IL completing a process control project using NIR technology.

His activities and interests include golf, volleyball, fishing, pro/college football, pro-hockey, pro-baseball, investing, and computer technology.

Please make a point to introduce yourself to Chris the next time you are at a meeting.

Look What's Coming!

Future issues of the *The Reactor* will feature articles on several topics of interest.

Along with our regular sections on Humor, Meeting updates and more!

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To:

New Orleans Section, Winner of:

**1995 “Randall D. Sheeline Award”, for excellence in public relations activities.
1999 “Catalyst Grassroots Award”, for support of the grassroots advocacy program.**

Meeting Notice!

Date: November 14, 2000
Time: 5:00 P.M.
Place: Steak & Ale
3870 Veterans Blvd.
Metairie, LA



“The highest reward for a person’s toil is not what they get for it, but what they become by it.”

— John Ruskin