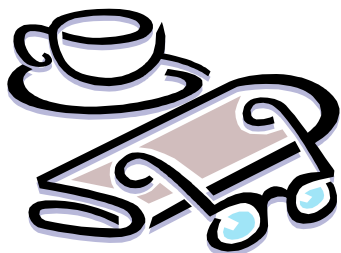


The Reactor Turnaround

New Orleans Section -
American Institute of
Chemical Engineers

Volume 2, Issue 1
June 2006



Anthony F. Fregosi
Editor

"Send comments to
Anthony.Fregosi@cytec.com"

Welcome to another issue of **"The Reactor Turnaround."** In the past, the section has remained "inactive" during the summer months. In reality work is ongoing setting up the program for the following year, a board of directors meeting, etc.

Now is the time to make requests regarding future programming. Our Vice-Chair and Programming Chair, Jim Dean will be working on putting together our programming for next year. He would welcome suggestions and contact information for programming you would like to see the section undertake. You may reach Jim at the e-mail address to the right.

Have you ever thought about serving the section

as an officer? No? Think it will take too much time? Do you already have too much on your plate?

We think you can serve the section and not necessarily have to give up doing anything else. Many of the activities are coordinated by multiple individuals. No one person need do it all. We encourage you to seek out any of the current officers to discuss the possibility of working with the section as an officer in the future. Such involvement can translate to skills useable on the job, i.e. project management (programming), supervisory skills (directing others), time management skills (being ready for the next event), etc. Gaining these skills through section work can be a "safe" way to gain such skills.

I wrote part of this article while attending the AIChE Leadership Development Conference held in Houston. This conference had to be cut a couple of years ago due to budget constraints, but it has finally

been reinstated. I will have several articles in the future to discuss the many ideas that I formulated during this conference. We have an opportunity to be truly of value and service to our members. I look forward to sharing these ideas.

Please pay special attention to the "Future Direction" article on the next page. It details some of the various programs and initiatives I would like to see the section undertake starting next year. Some of these ideas may take 2-3 years to

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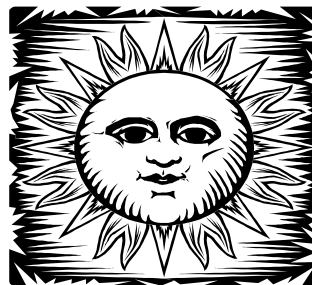
fully mature, but I know that with your help, we can reestablish the New Orleans Section as the primer section within the Institute.

Let one of the officers know if you'd like to help in any way, big or small, with any of these events.

Future Meeting Programs

If you have any suggestions for programs that you would like the section to schedule—Please contact Jim Dean at:

jidean1@entergy.com



“New” Officers Elected at the May Meeting



The officers for the 2006-2007 program year were elected at the May Meeting

The New Orleans Section of the American Institute of Chemical Engineers is nothing if not efficient in its election of officers.

The positions of Chair,

Vice-Chair, Secretary and Treasurer were all filled without opposition during the elections held at our May 17th meeting.

The officers elected are:

- Anthony Fregosi (Chair)
- Jim Dean (Vice-Chair & Program Chair)
- Rachel Wiggins (Secretary)
- Dr. John Prindle (Treasurer)

In addition to the above officers, the following individuals will be serving on the section board.

- Bill Boutall (Membership Chair & Director)
- Open (Finance Chair & Director)
- Courtney Frawley (Education Outreach Chair)
- Dr. Brian Mitchell (Web Master)
- Amanda Lee (Plant Tour Chair).

Most of our “new” officers are not really new at all. Most have served us for several years already. However, Courtney will be serving for the first time. A major focus of her efforts will be to establish a “Young Professional Group within the

section. See Page 4 for more information.

The officers look forward to what we believe is a bright future for the section. We do not do it alone however. It takes all of the members working together to make the section what it is. To this end, the officers would like to request that the membership provide any feedback to us as to programming, meeting topics, educational events, etc.

If there are any special topics of interest that you have, please let Jim know so that he may consider it for the program schedule that he will be developing.

The Future Direction of the New Orleans Section of AIChE

The 2005 — 2006 section year was “one for the books.” We will remember this year for a long time. However, we should not dwell in the past, but look to the future. The future is very bright indeed for our section. In case you did not know, 2007 will mark the 75th Anniversary of the section’s establishment! The Delaware and Chicago Sections are the only two sections which have been in existence longer than ours.

Over the years, our section has distinguished itself as being a leader within the Institute. What has gained

our section this reputation has of course been its many active members. Over the years, several of our members have served on or chaired national committees. We have hosted several national meetings and a leadership development conference.

We are poised to establish a new young professionals group which hopefully will energize the section and provide a new “crop” of active and motivated leaders for the section.

Specifically, I would

like the section to undertake the following initiatives.

Conduct a member survey in order to provide members the programming they want.

Establish a Young Professionals Group in the section.

Provide outreach programs to local high schools (speakers, career information, E-Week events, promotion of Cyber Chase are just some of the possibilities).

Recognize and celebrate the Section’s 75th Anniversary through a special program event (Speaker Ambassador, media article, etc.).

These are ambitious goals, but with the support of the officers and members — they can be accomplished.

Collectively, I would like to call these 2007 goals the “Diamond Anniversary Express”

Climb aboard and make 2007 the best ever for our section.

New Orleans Section Officers 2005-2006

Anthony Fregosi — Cytec Ind. — 504-431-6598	Chair
Jim Dean — Entergy — 504-576-7174	Vice-Chair & Program Chair
Rachel Wiggins — Albert-Garaudy and Assoc. — 504-846-6581	Secretary
Dr. John Prindle, P.E. — Tulane University — 504-865-5774	Treasurer
Dr. Paul Fanning, P.E. (Relocated to West Virginia)	Immediate Past Chair
Bill Boutall — Wink — 504-243-4539	Membership Chair & Director
Open	Finance Chair & Director
Courtney Frawley — Dow — 985-783-4303	Young Professional Chair
Anthony Fregosi — Cytec Ind. — 504-431-6598	Newsletter Editor
Dr. Brian Mitchell — Tulane University — 504-862-8257	Web Master

Company Contacts

Chevron Chemical—Christopher Day 391-6584	Albert-Garaudy and Associates— Rachel Wiggins 846-6581
Cytec Industries—Anthony Fregosi 431-6598	Nalco/Exxon— <u>Contact Needed</u>
DEQ (B.R.)—Freddie Touro 225-219-3122	Occidental Chem.—Linda Bergeron 783-7365
Dow Chemical—Courtney Frawley 985-783-4303	Petro-Marine Eng.— <u>Contact Needed</u>
Entergy—Jim Dean 576-7174	Shell Chemical— <u>Contact Needed</u>
EDG, Inc.—Leon Barnett 455-0858	Tulane Univ.—Dr. Brian Mitchell 862-8257
ExxonMobile—Tom Doolin 281-6154	URS (Walk)—Jay Hendrickson 599-4926
KBC Advanced Tech.—Don Hoppens 837-9228	W.H. Linder—Herb Roussel, P.E. 835-2577 (Ext. 3143)
Monsanto, Luling—Ralph Zamora 785-4580	Wink Engineering—Bill Boutall 246-7924

Some Ideas from the 2006 LDC in Houston



The AIChE 2006 Leadership Development Conference (LDC), formally the Officer's Conference, was held June 2-4th in Houston, TX. The conference was hosted by the South Texas Section and sponsored by several companies. The LDC had been absent for the last three years due to budget constraints. Fortunately, Institute finances have begun to turn around and

the conference has been reinstated.

National AIChE officers and board members were on hand to give presentations on the current state of the Institute. Several sessions were dedicated to such topics as, Local Section Strategic Planning, Volunteer Recruiting and Management, Using Electronic Media, Personality Profile Review, Young Professional Groups and many others.

Several networking opportunities were afforded to attendees, who included section and division leaders from around the country. The Young Professionals group

arranged for a event featuring a Houston Astros Game.

Too many great ideas were presented at the conference to list them all now, but here are a few that stood out.

The Boston Section, known as the "*Ichthyologists*", presented how, through member surveys, they have increased meeting attendance and program relevancy. At one meeting, they had 250 in attendance! They have begun programs involving the local university department chairs and local company plant managers. Both have been very successful.

A session on volunteer recruiting and retention provided information on obtaining and holding volunteers'

interest.

A presentation was given by members of the national Young Professional Advisory Board (YPAB). This session let attendees know what is important to young professionals, how to start a YP group in the local section, and that half the members that leave AIChE are under 29!

A session that was especially enjoyable and revealing was the Personality Profile Review. Attendees completed a standard Briggs-Myers profile instrument and the results were discussed! Some of the results were expected, but there were a couple of surprises as well.

AIChE Finances on the Mend

AIChE

AIChE's operations resulted in an increase in net assets of approximately \$2,374,000 for the year ending December 31, 2005, raising its net assets to a level of \$1,060,000.

This improvement in results is directly related to the continued cost savings associated with the restructuring activities. These started in 2003, and included reducing staff, outsourcing both the publication of its technical journals and the delivery of its continuing education courses, and assigning the lease of its offices at 3 Park Avenue (in essence going from being a land-lord to being a tenant.

AIChE is seeking ways to fur-

ther increase its net assets, such as through new initiatives and efforts to sublease parts of the 3 Park Avenue office for which it does not currently have a need. In addition, AIChE is continuing to identify ways to increase membership and reduce costs. AIChE has established a goal to increase its net assets to \$3 million by 2007 and reach a long term target of approximately \$6 million, which represents about six months of operating expense.

AIChE's independent public accountants rendered an unqualified ("clean") opinion of the 2005 financial statements

AIChE Abbreviations and Acronyms

Did you ever notice that many articles have a number of abbreviations or acronyms? Most of the time they are explained, but in those cases where they are not—use this guide to help you figure out what is being referenced. And you thought only EPA had acronyms!

A&E Accreditation & Education
AWMA Air & Waste Management Association
AAAS American Association for the Advancement of Science
AAES American Association of Engineering Societies
ABET Accreditation Board for Engineering and Technology
ACC American Chemistry Council
ACS American Chemical Society
AES American Electrophoresis Society
AFS American Filtration Society
APPCHE Asian Pacific Confederation of Chemical Engineering
ASC Annual Student Conference
ASEE American Society for Engineering Education
ASME American Society of Mechanical Engineers
BOD Board of Directors
CACHE Computer Aids for Chemical Engineering
CAST Computing and Systems Technology Division
CCPS Center for Chemical Process Safety
CCR Council of Chemical Research
CDMA Commercial Development and Marketing Association
CEOC Career and Education Operating Council

(Continued on page 5)

AIChE Abbreviations and Acronyms

(Continued from page 4)

CEP Chemical Engineering Progress
CHF Chemical Heritage Foundation
ChIME Chemical Industries for Minorities in Engineering
CIC Canadian Institute of Chemists
CoFE Conference of Food Engineering
CoMSEF Computational Molecular Science and Engineering Forum
ConFex Conference Exchange
CRE Catalysis and Reaction Engineering
CSB US Chemical Safety & Hazards Board
CSChE Canadian Society of Chemical Engineering
CSTP Center for Sustainable Technology Practices
CTOC Chemical Engineering Technology Operating Council
CWRT Center for Waste Reduction Technology
DECHEMA Gesellschaft für Chemische Technik und Biotechnologie
DIERS Design Institute for Emergency Relief Systems
DIPPR Design Institute for Physical Properties
(DIPPR) 801 DIPPR Evaluated Physical Properties Database
(DIPPR) 911 DIPPR Evaluated Environment, Safety, and Health Properties Database
DOE Department of Energy
DOT Department of Transportation
EBPC Executive Board of the National Program Committee
ED Executive Director
EFCE European Federation of Chemical Engineers
ENV Environmental Division
EP Environmental Progress
EPA Environmental Protection Agency
ETP Equipment Testing Procedures
F&PD Fuels & Petrochemicals Division
FP Forest Products Division
FP&BE Food, Pharmaceutical & Biological Engineering Division
GAC General Arrangements Chair
GRC Government Relations Committee
IAB Industrial Advisory Board
IACHe Interamerican Confederation of Chemical Engineers
ICChemE Institute for Chemical Engineering
IEEE Institute for Electrical and Electronics Engineers
IFS Institute for Sustainability
IFT Institute of Food Technology
IMIQ Institute of Mexican Chemical Engineers
IMM Institut für Microtechnology Mainz
IMRET International Microreaction Engineering Technology
ISD Inherently Safer Design
IST International Instrument Society
ITA Industry Technology Alliance
LDC Leadership Development Conference
LNG Liquefied Natural Gas
LPS Loss Prevention Symposium
LSC Local Sections Committee
MAC Minority Affairs Committee
MES Materials Engineering and Sciences Division
MGT Management Division
MPC Meeting Program Chair

(Continued on page 6)



AIChE Abbreviations and Acronyms

(Continued from page 5)

NAAChE North American Alliance of Chemical Engineers
NAE National Academy of Engineering
NAMF North American Mixing Forum
NAS National Academies of Science
NCEES National Council for Examiners of Engineers and Surveyors
NE Nuclear Engineering Division
NH3 Group 11c: Safety in Ammonia Plants and Related Facilities Conference
NPC National Program Committee
NSEF Nanoscale Science and Engineering Forum
NSF National Science Foundation
OC Operating Council
OSHA Occupational Safety and Health Administration
OTC Offshore Technology Conference
PC ProjectConnect
PD Process Development Division
PDC Professional Development Committee
PI Process Intensification
PPSS Process Plant Safety Symposium
PROSMART Process Safety Measurement and Reference Tool
PSID Process Safety Incident Database
PSP Process Safety Progress
PTF Particle Technology Forum
PTP Proposal to Present
RANTC Research and New Technology Committee
RF Micro-wave Radio/Frequency Microwave Working Group
RMR Reactivity Management Roundtable
S&H Safety & Health Division
SACHE Safety and Chemical Engineering Education
SBE Society for Biological Engineering
SCAD Student Chapter Advisor
SCC Student Chapters Committee
SEF Sustainable Engineering Forum
SEP Separations Division
SIOC Societal Impact Operating Council
SOCMA Synthetic Organic Chemical Manufacturers Association
SPE Society for Plastics Engineers
SVA Security Vulnerability Analysis
TEP Transport and Energy Processes Division
TSC Technical Steering Committee
VMA Volunteer Member Activities
WEPAN Women in Engineering Programs & Advocates Network
WIC Women's Initiatives Committee
WISE Washington Internships for Students of Engineering (WISE)
YPAB Young Professionals Advisory Board

AIChE®

**New Orleans Section - American
Institute of Chemical Engineers**

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Serving Chemical Engineers....Who
Serve the World

**WE'RE ON THE
WEB!**

[http://www.aiche.org/
NewOrleans](http://www.aiche.org/NewOrleans)

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.

2001 "Marx Isaac's Award", for excellence of a small local section newsletter.

