



March 2007
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Central Texas ACS

Newsletter of the Central Texas Section of the American Chemical Society

Thursday, March 8, 6:30 – 9:00 pm:

Just where does gasoline come from? And what is octane?

Dr. Frankie Wood-Black

Iron Cactus

10001 Stonelake Blvd. Austin, TX 78701

Social "hour" from 6:30pm- 7pm. Dinner 7-8pm, Talk 8pm - 9pm

Dinner \$10 - Students \$5

RSVP by March 6 at (512) 653-6311

Or email chair@centraltexasacs.org

Biographical Sketch

Dr. Wood-Black is currently the Director for Business Services for downstream technology at Conoco Phillips and has responsibility for finance, business analysis, training and assets.

Frankie received her Bachelor of Science in physics with a minor in chemistry from Central State University in 1984. She then attended Oklahoma State University and received a doctorate in physics in 1989 and completed her MBA in Dec. 2002. She began her career with Conoco Phillips R & D in 1989 as a research scientist.

Frankie is active in numerous professional activities and serves as the Conoco Phillips representative of Corporation Associates of the American Chemical Society. She is also involved in community activities such as the local Pony Club, the Boy Scouts and serves on the Ponca City Economic Development Advisory Board.



Abstract

The talk covers everything from the delivery of crude oil to the refinery to the ultimate delivery of gasoline and diesel to the corner station including such general processes as - separation, reforming, hydrocracking, cracking and blending. In addition to the science and chemical engineering aspect some of the economic aspects that affect the price and local air quality will also be discussed.

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Chair's Page

Letter from the Chair

Hello All,

Another successful ACS meeting has come and gone! Our February meeting had an even greater turnout than our well received January meeting. Increasing attendance at local section meetings has been my number one goal as chair, and I am proud to see so many local section members participating. In addition, it has been a pleasure visiting with all of you! In order to guarantee success at our remaining meetings this spring, larger meeting locations have been chosen to accommodate our growing number of active members, and menus have been pre-selected to ensure meetings start on time.

The February meeting came late in the month, and the March meeting falls early this time around to accommodate the many students and parents that will be enjoying spring break. Very soon we will all be seeing each other again! Thursday March 8th at the Iron Cactus Dr. Frankie Wood-Black will be visiting us from Houston and plans to speak about the oil refining process and the forces that drive the cost of gasoline.

On April 24th the local section will hold our spring banquet at The University of Texas Club. At this meeting outstanding senior graduates and 50 year members will be recognized. In addition, Dr. David Allen from the University of Texas will educate us on the air quality in Austin, and how it compares to other major cities in the state.

If you have not had the chance to attend a meeting this spring it's not too late! There are two remaining and a volunteer opportunity as well. This spring Chemists Celebrate Earth Day will be held April 21st from 12 – 4pm. If you are interested in volunteering an hour of your time contact our Chair Elect Betsy

McGrew at Chair-elect@CentralTexasACS.org

It is important to point out that the goals of local section meetings are to provide professionals with an outlet to educate themselves, volunteer, socialize, network, and spread the importance of science to the community. I believe our section is successful in all of these areas, and was happy to see people networking at our last meeting. If you or your company needs to fill a chemist position, you are encouraged to share that information at our next meeting.

In the meantime, enjoy the spring weather, and we'll see you on the 8th!

Sincerely,
Jackie Padilla, Chair

In Honor of Chemists Celebrate Earth Day Produce Less Waste by Practicing the 3 Rs:

Reduce the amount and toxicity of trash you discard.

Reuse containers & products, repair what is broken or give it to someone who can repair it.

Recycle as much as possible, & buy products with recycled content.

During the past 35 years, the amount of waste each person generates has nearly doubled

*Keep your contact information current to receive
the latest emails from your local section!*

→ visit www.CentralTexasACS.org

Central Texas ACS: March 2007 Calendar of Events



Thursday, March 8th

Speaker: Dr. Frankie Wood-Black

The Iron Cactus
10001 Stonelake Blvd.
Austin, TX 78701
6:30 pm – 9:00 pm

March 25-29

American Chemical Society
233rd National Meeting & Exposition
McCormick Place Convention Center

Tuesday, April 24th

Speaker: Dr. David Allen

The University of Texas Club
2108 Robert Dedman Drive
Austin, TX 78712
7:00 pm – 9:30 pm

Saturday, April 21

Chemists Celebrate Earth Day

"Recycling All We Can"

The Central Texas ACS will join with the Austin Nature and Science Center to celebrate "Austin Nature Day" and "Chemists Celebrate Earth Day" from 12 – 4pm. This year's theme is "recycling – chemistry can." This annual event unites ACS local section, businesses, schools, and individuals in communicating the importance of chemistry to our quality of life.

www.chemistry.org/earthday

More Earth Day Activities!

Illustrated haiku contest
Kindergarten - 12th grade

Students are invited to produce an illustrated haiku poem demonstrating the theme "Recycling - Chemistry Can!" and should reflect some aspect of the chemistry of recycling: materials, processes, or uses for recycled materials.

Video contest

College & University students are invited to produce a video illustrating contributions made by chemists to the advancement of recycling chemistry and the environment.

See www.chemistry.org/earthday for official rules & guidelines

Info About The 3 Rs Continued...

Ways to Reduce & Reuse:

- Using durable coffee mugs.
- Using cloth napkins or towels.
- Refilling bottles.
- Donating old magazines or surplus equipment.
- Reusing boxes.
- Turning empty jars into containers for leftover food.
- Purchasing refillable pens and pencils.
- Participating in a paint collection and reuse program.

Benefits of Recycling

- Conserves resources for our children's future.
- Prevents emissions of many greenhouse gases and water pollutants.
- Saves energy.
- Supplies valuable raw materials to industry.
- Creates jobs.
- Stimulates the development of greener technologies.
- Reduces the need for new landfills and incinerators.

→ visit www.CentralTexasACS.org

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2006 Executive Committee: Officers and Program Directors

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Newsletter Editor	Larry Nielsen	Microanalytics

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