



April, 2006
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Central Texas ACS

CentralTexasACS.org

Newsletter of the Central Texas Section of the American Chemical Society

Thursday, April 13, 7:00 pm:

AWARDS DINNER

**Alternate Energy Sources:
from the sun to the depths of the earth**

Dr. Atilla E. Pavlath

past president of the ACS

The Driskill Hotel

604 Brazos Street, Austin

Social Hour 7:00 pm--Dinner 7:30 pm --Talk 8:30 pm

Member Dinner \$25 Student \$15

RSVP by April 10 at (512) 232-0680 or chair@centraltexasacs.org

Dr. Attila E. Pavlath received his education at the Technical University of Budapest in Hungary, where he became assistant professor. In 1956, he left Hungary first for Montreal, Canada (McGill University), then in 1958, he joined Stauffer Chemical Company in Richmond, California. Since 1967, he has been with the Western Regional Research Center of the U.S. Department of Agriculture, in Albany, California. He is leading a group involved in research on various agricultural chemical problems. Dr. Pavlath's scientific career includes work on fluorine chemistry (30+ years), glow discharge chemistry (10+ years), textile chemistry (10 years), energy and biomass research (10 years), the freshness in fruits and vegetables (10 years) and most recently on biodegradable wrapping films. He has published over 120 scientific papers on these subjects, three books and has presented numerous lectures in the U.S. and abroad. He also holds 25 patents. Dr. Pavlath is also well-known for his activities in the ACS during the past 35 years to make the ACS more responsive to the professional needs of its members. He rose from his Section's Treasurer position to the Presidency of the whole ACS.

Central Texas ACS: April 2006 Chair's Page

Dear Colleagues,

The month of April is going to be a busy month for the local section, and we have plenty of things for you to get involved with before we adjourn for the summer. The annual Awards Banquet is coming on April 13th and Chemists Celebrate Earth Day activities are on April 15th.

In March, we had the pleasure of having Dr. William Carroll in as our monthly speaker; for this month, the local section is pleased to have Dr. Atilla Pavlath in as our speaker. He has graciously volunteered his time to speak to local groups in the area. Dr. Pavlath is the keynote speaker for the Awards Banquet which is to be held at the Driskill Hotel. The awards to be handed out include outstanding seniors from the various universities in the local section, 50 year member anniversaries and the Gilbert Ayres Award for outstanding local service.

On April 15th the Austin Nature and Science Center in conjunction with the local section for the fourth consecutive year will celebrate Earth Day. This is an annual event to help showcase chemistry's contributions to help sustain a healthy environment and planet. Activities are being planned by Dr. Linette Watkins, if you have any questions please feel free to contact either myself or her.

The executive committee is considering having an event during the summertime, such as paddle boating or kayaking on Townlake. If you are interested in attending such an event please let me know. If you have any ideas or suggestions for upcoming summertime events please let any one of the executive committee members know what you think, we are here to serve you.

I think that about covers it for the spring, I hope to see you at the Awards Banquet and I hope you have a wonderful summer.

Best Regards,

Kenneth Pavlat, Chair

Scenes from the March ACS Meeting

Speaker Bill Carroll presenting the story of recycling plastics,



and explaining its chemistry to students.



NOTICE OF ADDRESS CHANGE:
the new ACS Central Texas Section mailing address has
been changed to:
PO Box 9811, Austin, Texas 78766

Central Texas ACS: April 2006

Calendar of Events

April 13, Thursday, 7:00 pm

Annual Central Texas ACS Awards Banquet

Speaker: Dr. Atilla E. Pavlath



”Alternate Energy Sources: From the Sun to the Depth of the Earth”

In the Citadel Room of the Driskill Hotel
[located on the Mezzanine Floor]
6th & Brazos Street, Downtown Austin

Family and friends are most welcome to join this festive evening at the historic Driskell.

IMPORTANT NOTE: You must RSVP for this Awards Banquet Program by April 10th.

April 15, Saturday, 10:00 am to 4:00 pm

Chemists Celebrate Earth Day.....Dig it! Austin Nature and Science Center Zilker Park, Austin

The Central Texas Local Section of the American Chemical Society is once again hosting Chemists Celebrate Earth Day events at the Austin Nature and Science Center and we need volunteers to do hands-on activities with the students.

The activities are already planned and everything you need will be provided for you. You just need to show up and have a great time showing the children (and their parents) how important chemistry is to understanding and improving our environment.

Email Linette Watkins (Linette@TxState.edu) to sign up. Just indicate whether you would prefer to have fun from 10:30 to 1 pm or from 1pm to 3:30 pm and she will send more details.

The web address for earth day stuff is:
www.chemistry.org/earthday

The web address for the Austin nature and science center is: www.ci.austin.tx.us/ansc/

Abstract of Dr. Pavlath's Talk:

This lecture gives a general description of the availability of various energy resources other than coal, gas, and oil. It summarizes the present technological background of possibilities from geothermal to fusion power. It is presented in a way understandable to a large degree even by non-technical audiences. The amount of energy available in each area and their future outlook are discussed.

Employment Opportunity

Three job openings at Thermo Electron's Austin facilities include software quality control engineer/scientist (for testing of applications software; a chemist with experience running mass spec instruments that has good software skills and wants to grow further in software development might be a match), firmware engineer and a product support chemist.

Details available at
<http://jobsearch.thermo.newjobs.com/jobsearch.asp?col=dljt&lid=21914&fn=&q=&sort=rv&vw=b>

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Awards Dinner

Congratulations to the Gilbert Ayres Awardee

Dr. Diane Kneeland

Directions to the Driskill Hotel

From IH-35 heading south:

Follow IH 35 South to the 8th-3rd Street exit, turn right on 6th Street. Follow 6th Street five blocks to Brazos Street. Turn right on Brazos. The hotel will be on your left. If you go one block on Brazos, there will be a parking garage on the left. **(Please note that Brazos Street is a one-way street heading northbound.)**

From IH-35 heading north:

Follow IH 35 North to 6th-12th Street exit, turn left on 6th Street. Follow 6th Street five blocks to Brazos Street. Turn right on Brazos. The Driskill is immediately on your left. If you go one block on Brazos, there will be a parking garage on the left. **(Please note that Brazos Street is a one-way street heading northbound.)**

From MOPAC heading south:

Follow Mopac heading south to the 1st-5th Street exit and take the 5th street exit. Follow 5th Street 2-3 miles to Brazos Street. Turn left on Brazos. There will be a parking garage on the left. Follow Brazos Street one block and The Driskill is immediately on your left. If you go one block past The Driskill, there will be another parking garage on the left. **(Please note that Brazos Street is a one-way street heading northbound.)**

From MOPAC heading north:

Follow Mopac heading north to the 1st-5th Street exit and take the 5th street exit. Turn right on 5th Street and follow 5th Street 2-3 miles to Brazos Street. Turn left on Brazos. There will be a parking garage. Follow Brazos Street one block and The Driskill is immediately on your left. If you go one block past The Driskill, there will be another parking garage on the left. **(Please note that Brazos Street is a one-way street heading northbound.)**

Congratulations 50 Year Members

Dr. Ross Compton
Dr. Hugh Forrest
Dr. Allan Lundeen
Dr. Donald Scott
Dr. Carl Wasmuth
Dr. Charles Williams

Congratulations Seniors

Benjamin Whiddon
UT Dept. of Chemistry & Biochemistry

Michelle Hall
UT Dept. of Chemistry & Biochemistry

Melissa Hill
St. Edwards University

Lauren Shepard
Southwestern University

Laura Butts
Texas State University

David Terrell
Texas State University

Jennifer Zapata
UT Dept. of Chemical Engineering

Stephan Kontos
UT Dept. of Chemical Engineering

Parking at the Driskill:
\$12 valet, \$5-7 parking garages

The Littlefield Garage is on the left hand side of Brazos between 5th and 6th and the Perry-Brooks Garage is on the left hand side of Brazos between 7th and 8th

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Chemists Celebrate Earth Day

DIG IT !

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Chemists Celebrate Earth Day: Dig It!

Austin Nature and Science Center
11 am to 3 pm
Three hands-on activity tables
Erosion
Plant Science
Soil Science

The date was set to correspond to Austin Nature Days and is the day before Easter. We need lots of volunteers to sign up to make this event a success.

Email Linette@txstate.edu or CCED@central.texasacs.org to volunteer. Time slots are 10:30-1 or 12:30 to 3. Lunch will be provided.

For more info on the activities visit chemistry.org/earthday

Haiku Contest

Chemists Celebrate Earth Day K-12

The ACS Office of Community Activities is sponsoring a K-12 Haiku contest for Chemists Celebrate Earth Day. If you want your local school involved, email Linette@txstate.edu with the school name.

What is Earth Day?

Chemists Celebrate Earth Day is an outreach program of the American Chemical Society developed to enhance the public's awareness of the contributions of chemistry to our everyday lives and the nation's economy. This program, in its fourth year, is a joint effort of the ACS Committee on Community Activities, the Committee on Environmental Improvement, and the Green Chemistry Institute and provides local section volunteers with an opportunity to showcase chemistry's contributions to sustaining a healthy planet and environment. See <http://chemistry.org/earthday> for more information.

What and Where is the Austin Nature and Science Center?

The purpose of the Austin Nature and Science Center (ANSC) is to provide individuals, families, and groups from the surrounding Central Texas area with educational and recreational opportunities which increase each person's knowledge, awareness, and appreciation of the Central Texas natural environment and its connection to other world ecosystems. This purpose is best achieved through the ANSC's role as a "living museum," whose efforts are focused on the creative use of specifically planned interpretive exhibits, programs, collections, and trails. **The Austin Nature and Science Center located directly off Stratford Drive within the Zilker Park area.**

Repeat Call for Awards Nominations

The call for nominations for the Southwest Regional Award and the Southwest Region High School Teaching Award is again announced. Each award winner receives \$1,500 and an awards plaque. The nomination deadline is July 1, 2006.

For the Southwest Regional Award, persons who, during a period of residence in the states covered by the Local Sections participating in the Award, have made meritorious contributions to the advancement of chemistry, chemical engineering, chemical education, either pure or applied, or to the profession in general, are eligible for the Award.

For the Southwest Region High School Teaching Award, the nominee should be a high school teacher in the SW region that is an outstanding chemistry teacher,

The name of the nominee for the award, along with brochures outlining the qualifications of the nominee, letters of support, and any other materials should be included in the nominating brochure in order to be considered. Those wishing to nominate an individual should provide thirty copies of the nominating brochure to the 2006 SWRM Awards Committee Chairman, David Singleton at:

SWRACS AWARDS
c/o Dr. David M. Singleton
12622 Rocky Meadow Drive
Houston, Texas 77024

Central Texas ACS: April 2006

2005 Executive Committee: Officers and Program Directors

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Chair	Dr. Kenneth Pavlat	Applied Analytical	Chair	@centraltexasacs.org	339-1462
Chair-Elect	Jackie Padilla	URS	Chairelect	@centraltexasacs.org	219-6569
Past-Chair	Dr. Diane Kneeland	University of Texas	Pastchair	@centraltexasacs.org	232-0680
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Councilor 2	Prof. Jim Boggs	University of Texas	Councilor2	@centraltexasacs.org	471-7525
Alt. Councilor 1	Dr. Linette Watlins	Texas State University	AltCouncilor1	@centraltexasacs.org	245-3125
Alt. Councilor 2	Dr. Denny Wagoner	AnalySys Inc.	AltCouncilor2	@centraltexasacs.org	385-5886
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Awards Chair	Dr. Stanley Cavitt	Texaco Chemical (ret)	Awards	@centraltexasacs.org	345-0407
Membership Chair	Dr. Linette Watkins	Texas State University	Membership	@centraltexasacs.org	245-3125
Nominations Chair	Dr. Linette Watkins	Texas State University	Nominations	@centraltexasacs.org	245-3125
Chemistry Olympiad	Dr. Neal Grice	Dept State Health Services	Chemolympiads	@centraltexasacs.org	926-7844
Girl Scout Program	vacant		Girlscouts	@centraltexasacs.org	
Boy Scout Program	Dr. Barry Streusand	Applied Analytical	Boyscouts	@centraltexasacs.org	339-1462
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