



THE DAYTON SECTION

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BULLETIN

March–April 2001

*Annual Section Poster Session with
ACS National President Dr. Attila Palath
"Welcome to the 21st Century"*

Hope Hotel

Thursday, March 22, 2001



*College Awards Night
Cedarville University*

Thursday, April 26, 2001

DATED MATERIAL -- MEETING ANNOUNCEMENT -- DO NOT DELAY

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**AMERICAN CHEMICAL SOCIETY
Dayton Section
Eugene W. Kettering Center
140 East Monument Avenue
Dayton, Ohio 45402-1267**

Meetings...

March

Date: Thursday, March 22, 2001

Place: Hope Hotel*
Wright Patterson AFB

Agenda: **Speaker:** 4:00 PM
Poster Session: 7:00PM (with food & drink)

Speaker: Dr. Attila Pavlath
ACS President

Topic: "Welcome to the 21st Century"

Abstract: While medical doctors and medicine are in the top quartile of public esteem, chemistry and chemists lag considerably behind them, even though most of the progress in health can be traced to chemical discoveries and developments. The public understanding of chemistry may be even less advanced than its appreciation of work of chemists. In his presentation, Dr. Pavlath will describe the problems, what the ACS is about it, and what the individual can do to help.



Please re-read the President's Message, "Welcome to the 21st Century," on pages 2-4 of the January 1, 2001 issue of Chemical and Engineering News. Dr. Pavlath will be receptive to suggestions resulting from that article, or reactions to it. The article concludes, "We must deal with the problems in a different way: IT IS TIME FOR A CHANGE!" The March meeting will be an opportunity to express your opinion on the subject.

Biography: 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) and most recently on the freshness in fruits and vegetables. He has published almost 100 scientific papers on these subjects and has presented numerous lectures in the U.S. and abroad. He also holds 20-25 patents. Dr. Pavlath is also well-known for his activities in the ACS during the past 20 years to make the ACS more responsive to the professional needs of its members.

Poster Session: There will be time before 7:00 PM to setup posters. Food and drink will be provided. There will be ample time for everyone to speak with Dr. Pavlath.

***Directions and a map can be found at <http://www.wpafb.af.mil> look under Base Locator**

April

- Date:** Thursday, April 26, 2001
- Place:** Engineering, Nursing and Science Building
Cedarville University
- Agenda:** TBA (please check the website for more information)
- Speaker:** TBA
- Topic:** TBA

Patterson Chemistry Competition

On Saturday, February 3, 2001, 100 students from 21 different high schools participated in the Patterson High School Chemistry Competition at Sinclair Community College. The overall top scorers and the top scorer from each high school are listed below and will receive a plaque from the Dayton Section. In addition, the overall top scorers (identified by an asterisk) from the exam will be asked to submit an essay on "Chemistry and Its Relevance to Me" for a scholarship award. These winners will be announced at the June Dayton Section meeting.

The Dayton Section would like to thank Berch Carpenter, and all those who helped him, to again organize this successful event.

2001 Patterson Chemistry Scholars

Sam Kaffenberger*	Bellbrook High School
Meghan Scwek, Mike Kimble	Brookville High School
Mary McMullen	Catholic Central High School
Siavash Dejjosha*, Pauline Tan*, Lemuel Liou*, Matthew Chalker*, Habib Srour*, Matt Durham*, Perry Altman*	Centerville High School
Eric Bowman	Dayton Christian High School
Wayne Eck	Eaton High School
Abminav Rajpal	Fairborn High School
Mu Young Kim	Greenon High School
Daniel Marietta	Greenview High School
Jason Warner *	Greenville High School
Robert Nicholson	Jefferson High School
George Buttner	Meadowdale High School
Karla Owens, Annie McCabe	Miamisburg High School
Roger Stukkio	Northmont High School
Elizabeth Curry*	Piqua High School
Catherine Tobias-Sparks	Preble Shawnee High School
Kevin Crain	Shawnee High School
Tabitha Miller	Southeastern High School
Thomas Spry	Tippecanoe High School
Michael Johnson	Troy High School
Emil Holtzman	W Carrollton High School

From the Chair

The meeting at Wright State University on February 16 was a success. Professor William Zoller spoke to more than 45 attendees who heard a lot of specifics of what went wrong, and why, at the Chernobyl reactor near Kiev, Ukraine. It was an interesting, and at times chilling, presentation.

We are now preparing for the visit on March 22 of the ACS President, Dr. Attila Pavlath. As we did with Professor Richard Smalley, we are joining with the Materials, Manufacturing, and Enabling Technologies Series (MMETS) to make this a special event. Dr. Pavlath will have an opportunity to speak with students in the early afternoon. At 4:00, he will give a presentation on his view of the status of, and prospects for, chemistry and chemists at the Hope Hotel on the grounds of Wright-Patterson AFB. (It was the location for the negotiations leading to the Bosnia Peace Accords.) Then, at 7:00 on the evening of March 22 we will have the Poster Session, also held at the Hope Hotel. Please consider presenting a poster, and help provide Dr. Pavlath an appreciation for the Miami Valley community of chemists. Please send the abstracts to paigehl@muohio.edu.

On Thursday, April 26, the College Awards will be held at the Engineering, Nursing, and Science Building at Cedarville University. Once again we will honor the top chemistry students from colleges and universities around the Miami Valley. The speaker for the meeting is not confirmed. Plan on attending and honoring our students.

Harvey L. Paige

Chair



Open Invitation

This is an open invitation to all Dayton Section members. Please consider becoming more involved in your Section. We need more input and participation from all of our members, especially our industrial and younger members. This is your organization and we need to make it work for all of us. Please send me your ideas, comments, and/or suggestions as to what you would like to see our Section doing. Would you like to see more social programs involving family members? More or less technical meetings? Weekend social functions rather than weeknight technical programs? As your Chair-elect I welcome any and all input. I understand how busy everyone is, I am a 38 year old father of 3 boys (3.5 year old twins, and a 1 year old) and I am well aware of the pressures and time commitments of job and family. I'm not an Academician, nor am I a Government employee and I don't need this job for résumé filler, I am simply a member who wants to see change in the status quo. Please consider helping all of us with your ideas, suggestions and most of all your participation.

Dave Tomlin, Chair-elect (937-255-3808x3181, david.tomlin@afrl.af.mil)

Wanted

The Dayton Section is in need of someone willing to take on the duties of Bulletin Editor. For more information about the position and job description, please contact Dave Tomlin, 255-3808 x 3181 or david.tomlin@afrl.af.mil.

Wanted

The Dayton Section is in need of someone willing to take on the duties of Webmaster. Interested parties should have some experience in or desire to learn HTML and other webpage authoring tools/programs For more information about the position and job description, please contact Dave Tomlin, 255-3808 x3181 or david.tomlin@afrl.af.mil.

Need Help in Your Career?

The Dayton Section offers assistance in career planning and searching for new positions. Contact Glen Buell (937) 426-2937.