



Green Mountain Local Section ACS

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Officers 2004

Chair..... Beth Medeiros
Vice-Chair Michele Johnson
Chair-Elect..... **Vacant**
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Treasurer Beth Medeiros
Councilor..... Willem Leenstra
Alternate Councilor J.C. Van Houten

Committee Chairs

PR/Web Master Fiona Case
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Announcement & Events: April 22, 2004 Earth Day

Several Fun events are being planned for the summer and fall season!

Oct 31 – Nov 3, 2004 – 33rd
Northeast Regional Meeting
(NERM 2004)

Hyatt Regency, Rochester, NY



National ACS website: Chemistry.org

April 2004 Meeting

“Dynamic History of Chemical Dynamics”

Date: Thursday April 22 , 2004

Time: 7:30 pm

Location: St. Michael's College, Hoehl Welcome Center (admissions bldg.)

Dinner with the speaker: 5-7 pm at "The Waterworks" in the Champlain Mill in Winooski . RSVP Beth 802-770-7238 by April 20th.

Title: "Tracing the dynamic history of chemical dynamics through thirteen Nobel Prizes in the 20th century"

Abstract: During the 20th Century, the Nobel Prize was awarded 13 times, to a total of 22 recipients, for work involving various aspects of chemical dynamics -- beginning with Jacobus van't Hoff in 1901, and continuing through Ahmed Zewail in 1999. This talk will trace the dynamic history of chemical dynamics from the pioneering work of Nobel laureates van't Hoff, Arrhenius and Ostwald at the beginning of the century, through important fundamental developments resulting in three Nobels in the middle of the century, to the cutting-edge work recognized by seven Nobels during the last two decades of the century.

Biographical Sketch: Dr. Van Houten is currently a Professor of Chemistry at St. Michael's College. He received his PhD at University of California Santa Barbara and did post doctoral research at University of British Columbia. He taught at the University of Iowa before coming to St. Michael's, where he has been now for twenty five years.

Directions to Talk: Directions to the Hoehl Welcome Center - Driving up Route 15 from I-89 & Winooski/Burlington, go to the third traffic light after I-89. To turn left onto campus at that light, use the jug-handle on the right. There is a sign at the jug-handle entrance that says "Saint Michael's College - East Entrance." The Hoehl Welcome Center is the first building you encounter as you enter campus. There is a driveway to the left just before the building that leads to a small parking lot. The building entrance is off that lot. The Presentation Room is just off the main lobby inside the building.

The Hoehl Welcome Center is building #1 on the campus map available at <http://www2.smcvt.edu/admissions/campusmap/index.htm>

Congratulations to several of our local section members who have reached a milestone **50 Years of Service:**

Dr. Donald Jerome Kelley
Mr. Carl Lee Williams
Mr. Richard A. Rader
Mr. Carl George Tremmel
Dr. Martin E. Kuehne
Dr. Robert Cummings Woodworth

Congratulations to Our Section for winning Second Place in the Speaker Hospitality Award for 2003!

41st Annual Vermont State Science and Mathematics Fair was held at Norwich University on April 3rd. Our local section awarded three monetary prizes.



The \$100 1st Prize went to Katie McCreary, a 10th grader from South Burlington High School with "Water Quality Testing". She performed several water quality tests on three different stream water sources.



The first \$50 Prize went to Kristen Stevens, a 10th grader from South Burlington High School with "Phosphorus in Streams". She attempted to determine if differences were observable in levels of phosphorus in agricultural versus urban streams.



The second \$50 Prize was awarded to Josh Parker, an 8th grader from Hinesburg Community School with "Tough Stuff". He tested five different types of animal teeth in four different liquids to determine enamel strength.

Councilor's Report: Highlights from the ACS National Meeting by Willem Leenstra

Presidential Candidates. At the Spring National Meeting in Anaheim, candidates for the position of 2005 President-Elect were selected (i.e., the presidency in 2006). In the continuing tradition of alternating industrial and academic chemists, the Council voted to put F. Sherwood Rowland and Isiah M. Warner on the ballot. They join E. Ann Nalley, who was earlier certified as a petition candidate.

Meeting Statistics. The Meeting met expectations with over 14,000 registrants and approximately 500 exhibition booths. The Employment Clearing House arranged about 1,600 interviews.

Financial Performance. For the fiscal year ending in 2003, the ACS operations resulted in only a \$64,000 net deficit. This was relatively speaking, very good news because original projections budgeted for a net deficit of \$875,000. Stock market performance and significant cuts in the operations budget were some of the reasons for the improved financial picture.

Chemical Engineers. ACS President Charles Casey and Board Chair James Burke briefed the Council on the status of partnership efforts between the American Chemical Society and the American Institute of Chemical Engineers (AIChE) and noted the implication of these efforts for ACS. Currently the ACS and the AIChE are pursuing a programmatic alliance that will more fully serve the needs of their members and the chemical enterprise, while enhancing both organizations' abilities to achieve their missions. The discussion at Council revealed strong support for moving forward with these initiatives and identified key factors for consideration.