

The CSRA Chemist

Savannah River Section
of the

American Chemical Society

Vol. 48



No. 3

The Savannah River Section of the American Chemical Society announces that Dr. Conrad Stanitski, an ACS tour speaker, will give a presentation about Alfred Nobel and the Nobel Prize Winners. Bring a friend and enjoy a fantastic evening with fellow CSRA Chemists!

Date: Tuesday, April 19, 2005

Time: Social 6:30, Dinner at 7:00, Speaker about 8:00 pm

Location: Forest Hills Golf Club

-- THIS IS A NEW MEETING LOCATION!!!

Menu options --*Select: 12-oz Rib-eye steak or broiled flounder stuffed with crab meat; tossed salad, oven browned potatoes, green beans almondine, vegetable medley, dessert, and tea. Please select when you RSVP.*

Cost: \$18, half price for students.

Forest Hill GC -- *Across from Daniel Field airport in Augusta. Turn off of Wrightsboro Rd. onto Magnolia Dr. Turn left onto Lake Forest Drive.*

Please RSVP early, we would like a count by 4 pm Thursday, April 14. Please call Margaret Riley at 803-725-2605 to make a reservation.

Schedule of Events

Speaker/Event	Date	Location
Spring 2005		
Tech Days	2/15/05	Ft. Discovery
Boy Scout Merit Badge	2/19/05	Augusta Tech
Jack Breazeale - CSS Hunley	3/10/05	Aiken Brewery
Chemistry Olympiad	April	USCA
Dr. Conrad Stanitski	4/19/05	Forest Hills GolfC;ub

Tentative Fall 2005

CSRA College Night	September	Augusta Civic Center
Ariel Fenster - Art Facts	9/14/05	Aiken
SEED	October	USCA
National Chemistry Week	October	Ft. Discovery
WOW That's Chemistry	October	ASU
Joint Section Poster Session	10/7/05	ASU
Chem Ed. - Outreach Program	November	ASU
Awards & Wine Tasting	12/2/05	TBD

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Conrad Stanitski is a professor of chemistry and department chair at the University of Central Arkansas, Conway, AR. He received his B.S. in science education from Bloomsburg State College; M.A. in chemical education from the University of Northern Iowa; and, Ph.D. in inorganic chemistry from the University of Connecticut and has taught at several different institutional levels — high school, liberal arts colleges, and state universities. He has been an ACS Councilor, a SOCED member, the program chair for the 8th Biennial Conference on Chemical Education, a pilot program site director for ChemCom, an ACS Examinations Committee member, an ACS Local Section Executive Committee member, director of several ChemCom workshops, a National Science Foundation proposal reviewer, and the organizer of Atlantic Chemical Educator Society (ACES). An active author, he has written chemistry textbooks for general chemistry:—Chemical Principles (with Masterton and Slowinski, and Chemistry: The Molecular Science (with John Moore and Peter Jurs), for allied-health science students—Chemistry for Health-Related Sciences: Concepts and Correlations (with Curtis Sears) and for non-science majors—Chemistry in Context: Applying Chemistry to Society (1ed-4ed., an ACS-sponsored project). He also edited the third edition of the Chemistry in the Community (ChemCom) textbook, an ACS secondary school chemistry program. He is the recipient of the CMA CATALYST Award for Excellence in Teaching, the ACS Western Connecticut Section Visiting Scientist Award, the Gustav Ohaus-NSTA Award for Creative Innovations in College Teaching, the Thomas Branch Award for Teaching Excellence, the Samuel Nelson Gray Distinguished Professor Award from Randolph-Macon College, and the Distinguished Alumni Award from Bloomsburg University. He also served as vice president for academic affairs (Mount Union College) and as executive assistant to the president (Franklin and Marshall College).

Alfred Nobel: The Man and His Chemistry Prize

Abstract The enigmatic Alfred B. Nobel invented the blasting cap and dynamite, innovations that brought him fame and a considerable fortune. Dismayed by the destructive power of his discoveries, Nobel sought to provide funds for discoveries and works that could bring long-term betterment to the human condition. His rather short, handwritten will left the bulk of his estate to establish prizes in chemistry, literature, medicine, peace, physics, and physiology. A prize for economics was created later. The Nobel prizes celebrated their centenary in 2000. This talk takes a look at Alfred Nobel, the person and inventor, some reasons for his largesse, the nature of discoveries that have won the prizes related to science, their unevenness of the magnitude and impact, and a synopsis of the prizes and prize winners. Particular attention is paid to those who have been awarded the Nobel Prize in Chemistry.

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