



# American Chemical Society Susquehanna Valley Section

## OCTOBER 2011 NEWSLETTER

The three hundred ninety eighth meeting of the American Chemical Society Susquehanna Valley Section will be held on Thursday, October 27, 2011. The meeting will begin at 7:00 P.M and Dr. Paul Wender of Stanford University will provide the inaugural Catherine H. Bone Lecture in room 101 of the Starke Learning Center on the Wilkes University campus in Wilkes-Barre, PA.

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### **"MOLECULAR FRONTIERS AND FUTURE TRANSFORMATIVE THERAPIES FOR AIDS, ALZHEIMER'S AND RESISTANT CANCER"**

***[Reflections in and on the light house at Finisterre]***

Paul A. Wender  
Bergstrom Professor in Chemistry  
Department of Chemistry, Department of Chemical and Systems Biology  
Stanford University

Science enables and empowers. It creates transformative change. It is the key to a vibrant economy, to a more effective health care system, enlightened environmental stewardship, a sustainable energy supply, an improved standard of living, and even geopolitical stability. It contributes to our understanding of our natural world, who we are, what is possible and where we as a civilization might go. The debate about health care costs, for example, can at best produce only incremental change if it is not informed by an understanding of the science behind what is done now and equally importantly what is possible in the future. Do we seek to stop progression of disease or dare to address eradication and cure and even better - prevention? We choose our future by the goals we set and what we decide to support. Our current healthcare system, economy, standard of living and geopolitical leadership are the products of choices made decades ago. Our future will be determined by our current choices and investment in education and research. This lecture will explore the amazing, indeed mind boggling, opportunities emerging on the molecular frontier, some in our Stanford labs, and the corresponding molecular revolution that will change our world in previously unimaginable ways.

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**Reception:** The meeting will be preceded by a reception on the second floor of the Henry Student Center Ballroom starting at 5:00 P.M. A brief reception will follow the lecture in the Stark Learning Center Lobby. The favor of a reply is requested by **October 17, 2011** by phoning Mildred Urban at 570-408-4330.

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**Directions:** Take I-81 to Route 309 North (Exit 170B, Old Exit 47B). Follow Route 309 North to Exit 3 (Plains/River Street) and make a left onto River Street at the traffic light at the bottom of the exit ramp. Follow River Street south to Wilkes University (located on the left side of River St). The Henry Student Center (HSC) is located at 84 W. South Street and the Stark Learning Center is on River St. mid-block between Northampton and South Streets.

**Parking:** To arrive at the Henry Student Center (HSC) turn left onto South Street at the 9th traffic light after the ramp. The HSC will be on the right. There is a parking accessible by an entrance immediately past the Henry Student Union Building (SUB) on South Street. You may also park in most other campus lots.

A campus map can be found at: <http://www.wilkes.edu/pages/201.asp>

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**Nuclear Magnetic Resonance of Northeast PA Conference:** Bloomsburg University is hosting the 2011 NEPA NMR Conference in the newly renovated Hartline Science Center, featuring morning and afternoon oral faculty presentations with a student poster session midday. The conference gathers faculty and students in the North Eastern Pennsylvania region together in order to highlight the use of NMR in undergraduate institutions. Oral presentation by faculty will focus on the use of NMR in undergraduate labs or the use of NMR in undergraduate research. Student research posters will be available for viewing during breaks. The posters will be judged, with the best posters receiving recognition at the end of the day along with a complimentary copy of one Wiley text, as shown below. Because of our generous corporate sponsorship — morning coffee, lunch and an afternoon coffee break will be included with no registration fee. Should you have any questions, please contact [Mark Tapsak](#). For registration: [https://www.bloomu.edu/chemistry/nmr\\_conferencereg](https://www.bloomu.edu/chemistry/nmr_conferencereg)

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Section Web Page: <http://departments.kings.edu/SusquehannaValleyACS>

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