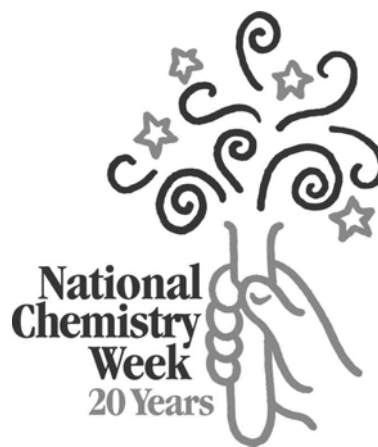


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Celebrate October 21-27, 2007

**Mid-Hudson ACS Website:**  
<http://www.midhudsonacs.org>

**2007 Executive Committee:**

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Chair: Dan Freedman; Treasurer: Joan Skinner;  
Secretary: John Galbraith; Councilor: David Straus;  
Alternate Councilor: Timothy MacMahon;  
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Jocelyn Nadeau; NCW Chair: Dan Freedman;  
Science Olympiad Chair: Lynn Maelia;  
Awards Chair: Patti Cusatis; WCC Chair: Mary Dery;  
*Mid-Hudson Chemist* Editor/Publisher: Gissel Mentore

**Women Chemists Committee News**

The Women Chemists Committee will be sponsoring a Girl Scout *Making it Matter* Badge Day at the Rock Hill Camp in Mahopac, NY for the Hudson Valley Girl Scout Council on November 3 from 12:30 - 4:00 pm. Volunteers are always welcome. Please contact Mary Dery at 845-528-0230 or send an e-mail to [derymary@aol.com](mailto:derymary@aol.com) if you would like to help out. Workshop stations include Slime 101 and 102, Circuits, Structure Building, Acids and Bases, and Household Chemical Safety. This will be the 6th badge day we have sponsored, influencing over 420 girls!

**Call for Nominations for  
Mid-Hudson ACS Board**

We urgently need volunteers to help run the Mid-Hudson Section of the American Chemical Society. There are a number of positions on the Board that need to be filled for 2008. Elections will be held in October. If you are interested in running for one of the positions listed below, or would like more information about the positions, feel free to contact the current Chair, John Edwards, at [john@process-nmr.com](mailto:john@process-nmr.com), or the past-Chair, Dan Freedman at [freedmad@newpaltz.edu](mailto:freedmad@newpaltz.edu).

Open Positions for 2008:

Chair  
Secretary  
Treasury  
Councilor  
Member-at-Large



The Mid-Hudson Section would like to thank JRS Pharma for their support of the 8th Annual Undergraduate Chemistry Research Symposium held on Wednesday, April 25, 2007 at Vassar College.

**~Join the Mid-Hudson ACS Listserv! ~**

Send an e-mail message to [listserv@acc.msmc.edu](mailto:listserv@acc.msmc.edu) with a blank subject line and the following command in the body of your message:

subscribe acs-mh

**The Mid-Hudson Section of the American Chemical Society  
and  
the Chemistry Department of Marist College**

**Announce**

**What's in Your Curry?**

**Dr. Kishore Bagga**

Department of Chemistry  
Holy Family University, Philadelphia PA

**Thursday, September 20, 2007**

**Donnelly 237**

**Lecture at 7:00 PM**

(Refreshments at 6:30 PM in Donnelly DN 235)

Adjacent to the Awesome New Chemistry Laboratories!

**Marist College, Poughkeepsie, New York**

Contact: Neil Fitzgerald at 845-575-3000 x2491 or by e-mail at [neil.fitzgerald@marist.edu](mailto:neil.fitzgerald@marist.edu)

**About the lecture:** The presentation shall touch on a variety of herbs and spices commonly used in the making of a curry. Historical, chemical, medicinal, herbal and culinary aspects of the ingredients shall be discussed. The presentation shall include samples of spices and /or herbs to view and smell. Special tips with regards to the use of the contents shall be shared.

**About the speaker:** Dr. Kishore K. Bagga is an organic chemist by training. He holds an undergraduate BSc (Hons.) degree from the University of Surrey, U.K., and has a doctoral degree from the University of Wales-Aberystwyth, U.K. He completed post-doctoral research at the Children's Hospital of Philadelphia (C.H.O.P)-University of Pennsylvania. His research interests include the design and synthesis of medicinally active agents such as hexamethylmelamine triazine derivatives for use as anti-tumor agents. Dr. Bagga has also worked in collaboration with a leading British biochemical research group to prepare a polyethylene glycol-glucose derivative. This derivative was then used to understand the sodium-glucose co-transporter (SGLT1) system involved with glucose transport across the intestinal lining in mammalian cells. Dr. Bagga has been at Holy Family for one year and is currently investigating, with student participation, the use of natural products from plants as dye stuff agents (funded by the Lindback Foundation). The benefits of this project include the use of the henna plant and its active agent, lawsone, as an alternative to some of the rather harsh and environmentally toxic compounds currently used by industry. Dr. Bagga enjoys sharing his knowledge of chemistry, especially organic chemistry. He has taught general chemistry, organic chemistry, and physical chemistry during his career as a professor. Dr. Bagga is a member of the Royal Society of Chemistry (RSC) and a member of the American Chemical Society (ACS).

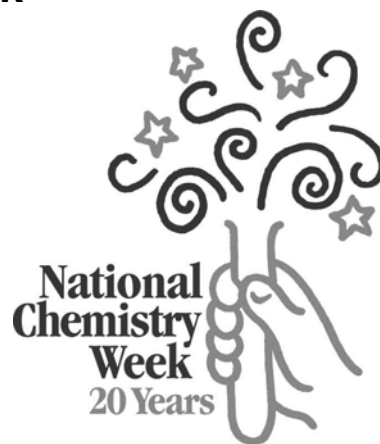
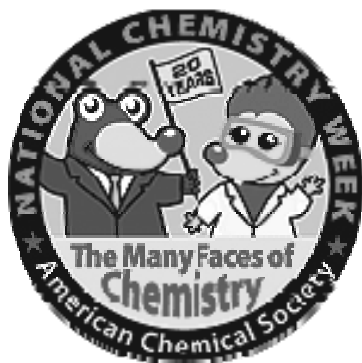
**Directions:** Marist College is located at 3399 North Road, just off Rte. 9, approximately 1 mile north of the Mid-Hudson Bridge in Poughkeepsie, NY. Detailed directions are available at [www.marist.edu/welcome/direct.html](http://www.marist.edu/welcome/direct.html). For a campus map, please visit [www.marist.edu/welcome/map.html](http://www.marist.edu/welcome/map.html)

## Chemistry Seminars at SUNY New Paltz – Fall 2007

The following is a list of seminars to be held in the Coykendall Science Building (CSB) at SUNY New Paltz this fall. For more information about these seminars, contact Dr. Pamela St. John (stjohnp@newpaltz.edu, 845-257-3794). For directions to SUNY New Paltz, visit [www.newpaltz.edu/about/directions.html](http://www.newpaltz.edu/about/directions.html).

<b>George Yancopoulos</b> Regeneron Research Laboratories	The Next Generation of Cancer Drug Targets	Thursday, 9/20	4:00 p.m.	CSB Auditorium
<b>William Jones</b> Dept. of Chemistry <i>University of Rochester</i>	Homogeneous Models for Deep Hydrodesulfurization: A Pending Environmental Problem in the Petrochemical Industry	Friday, 9/28	3:30 p.m.	CSB 321
<b>Kent Mann</b> Dept. of Chemistry <i>University of Minnesota</i>	TBD	Week of 10/8	TBD	TBD
<b>Jeffry Madura</b> Dept. of Chemistry and Biochemistry <i>Duquesne University</i>	Biomolecular Simulations: An Interplay between Mathematics, Physics, Chemistry, Biology, and Computer Science	Friday, 10/12	3:30 p.m.	CSB 321
<b>Kenneth Olum</b> Dept. of Physics and Astronomy <i>Tufts University</i>	Fine Tuning in Cosmology	Thursday, 10/25	4:00 p.m.	CSB Auditorium
<b>Harold Metcalf</b> Dept. of Physics and Astronomy <i>SUNY Stony Brook</i>	The Coldest Temperature in the Universe	Thursday, 11/29	4:00 p.m.	CSB Auditorium

## National Chemistry Week



### "The Many Faces of Chemistry " Celebrate October 21-27, 2007

Please join the Mid-Hudson Section of the ACS in celebrating National Chemistry Week. We are having National Chemistry Week events at a number of colleges in the area where 8-12 year old kids will be able to do some hands-on science experiments related to this year's theme. Contact NCW Coordinator Dan Freedman (freedmad@newpaltz.edu) if you are interested in volunteering.

### NCW Poster Contest

As part of the National Chemistry Week celebration and in recognition of the 20<sup>th</sup> anniversary of the program, the ACS is sponsoring a poster contest for students in K-12.

**Students are invited to create a poster that celebrates the theme "The Many Faces of Chemistry". The poster should be fun and motivational.**

Consider how science/chemistry is used by people in different careers.

- Photographer: chemistry's role in developing film and making prints
- Artist: The chemistry of the materials used to paint, draw, or sculpt
- Veterinarian: understanding what medicines can be given to pets
- Crime Scene Investigation: investigating crimes with chemical tests
- Pharmaceutical Chemist: create new molecules that will cure diseases

The top poster in the following grade categories will be entered into the national competition:

- K – 2<sup>nd</sup>
- 3<sup>rd</sup> – 4<sup>th</sup>
- 5<sup>th</sup> – 8<sup>th</sup>
- 9<sup>th</sup> – 12<sup>th</sup>

Send all entries to: Dan Freedman  
Chemistry Department  
SUNY New Paltz  
1 Hawk Dr.  
New Paltz, NY 12561

## Hudson Valley Science Café

A Science Café is a monthly gathering in a café, open to the public, with a short presentation of a topic followed by discussion. The essence of a Science Café is informality, with groups seated around tables with food and drink to encourage conversation. Hudson Valley Science Café meets on the 4th Tuesday of the month. Temporary website: [www.cafescientifique.org/hudsonvalley.htm](http://www.cafescientifique.org/hudsonvalley.htm)

### **NEW ADDRESS**

It's All Good Restaurant, 90 Broadway, Newburgh (Southern food)  
Food and drinks served from 6:00-7:00 and after 7:30.  
\$3.00 admission fee includes coffee or tea.

Save these dates:

September 25 "How our Diet Prevents Mutations from Environmental Agents"  
David DeMarini, Ph.D.  
Genetic Toxicology Division, US Environmental Protection Agency

October 23 "Gross Science, Silly Science, Useless Science, Useful Science: Vignettes from Scientific Research"  
Andi Weiss Bartczak, Ph.D.  
Science Consultant and Educator, Gardiner, NY

To suggest a speaker, please contact Dr. Toby Rossman ([rossman@env.med.nyu.edu](mailto:rossman@env.med.nyu.edu)).

(Hudson Valley Science Café has received start-up funds from WGBH-NOVA and The American Chemical Society.)

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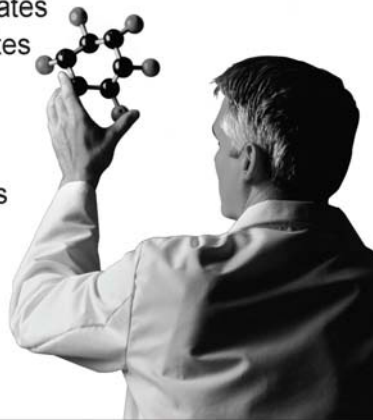
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