

TRIAD CHEMICAL TIMES



Central North Carolina Section American Chemical Society

March Section Meeting

Speaker: Dr. Bob Patsiga: "The Universe is a Chem Lab"

When: Thursday, March 3rd (6:30 Social, 7:00 Meeting)

Where: Norton 101, aka the Lay-z-boy room, High Point University



Upcoming Events

March 3, 2016: March Section Meeting, HPU

March 22, 2016: Silver Circle Trip to Natural Science Museum

April 12, 2016: 16th Annual Poster Vendor Night, JSNN, 3 to 7 pm (NOTE: New Location)

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March Section Speaker

Title of the talk: “The Universe is a Chem Lab”

Time and location: 6:30-8:30pm, March 3rd, Norton 101, aka the Lay-z-boy room, High Point University.

Parking: you should be able to park right outside of Norton; **Speaker: Dr. Patsiga**

Bio



Bob Patsiga is a retired chemistry teacher who with his wife, Doris, migrated southward to be near one of his daughters (plus three grandkids). Most of his teaching and research career was spent at Indiana University of Pennsylvania, while also having short appointments at various other institutions. His specialty was organic and polymer chemistry. He did some part-time teaching at Forsyth Tech (where he met former chairperson, Debbie Pritchard) and he continues to tutor chemistry there. He has had a lifelong interest in astronomy and welcomed the chance to be a part-time planetarium operator at the SciWorks science museum.

ABSTRACT

This presentation will attempt to describe how the elements formed from the time of the Big Bang by way of nucleosynthesis within stars and in the explosive supernovae of massive stars. Compound formation is a natural consequence of interstellar interaction of atoms located within nebulae as they are energized by various forms of radiation. The library of inorganic and organic molecules detected in the cosmos as well as in meteorites, comets and asteroids is remarkable, especially when one considers the raw materials needed for the formation of life.

Questions? Contact CNC-ACS president: Dr. Fenghai Guo, guof@wssu.edu; Or secretary/Treasurer: Dr. John Merle, merlejo@wssu.edu; Or Chair-elect: Dr. Dennis Ergle, Dennis.Ergle@itgbrands.com

High Point University contact: Dr. Christopher J. Fowler, cfowler@highpoint.edu.

Keep Current on Local Section Events

Depending on your preference, you can keep up with local section events in the following ways:

Twitter:

The CNC-ACS is running two Twitter accounts. The first is @CNC_ACS and our name is Central NC ACS and is being moderated by Gail Webster. The second account is named PosterVendorNight, @PosterVendor_15 .

Newsletter:

You can request to receive an electronic copy of the newsletter by contacting the editor, Bill Eberle at bill.eberle@syngenta.com

Website:

The local section website is at <http://cnc-ac.sites.acs.org/>.

Dear SC Members,

Our next meeting, scheduled for **22 March**, is a field trip to the Greensboro Science Center (GSC) including the Bodies Revealed special exhibit. Ticket prices are \$23.50 for seniors (> 64), \$24.50 for those 14+, and only \$10 for members. These ticket prices include entry to the Greensboro museum, aquarium, and zoo as well as the Bodies Revealed exhibit. There is a small savings if we purchase a group rate (10) but I do not yet know if we will have 10 attending. This must be done in advance. Also, if you go to the GSC two times or more in one calendar year it is worth purchasing a membership.

Let's meet at the GSC (4301 Lawndale Drive in Greensboro) at 9:30 AM and visit until about 12 or 12:30 PM. Then, we will go for lunch at a local venue. Please RSVP by 18 March so I can make arrangements for lunch for the appropriate number of guests. Please feel free to invite family and friends.

This promises to be a fun and educational day and will be our group's first field trip. Let's make it a success. My cell number is 336.558.8212 to use the day of the meeting if necessary. Note, I will be traveling 1-17 March and will only occasionally access e-mail.

GSC details can be found in the links shown below

<http://greensboroscience.org/plan/hours/index.shtml>

<http://greensboroscience.org/attractions/bodies/>

Best wishes

Robert

SC Chair

CNC-ACS Executive Committee

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