

Rochester Academy of Science  
P.O. Box 92642  
Rochester, NY 14692-0642  
Change Service Requested

NON-PROFIT ORG.  
U.S. POSTAGE  
**PAID**  
ROCHESTER, N.Y.  
PERMIT NO. 220

Rochester Academy of Science  
**BULLETIN**

"An organization of people in the Natural Sciences"



April, 2010 - Vol. 64, #4

April, 2010 - Vol. 64, #4, Page 4

ABOUT THE **ACADEMY** - The Rochester Academy Of Science, Inc. is an organization which has been promoting interest in the natural sciences since 1881, with special focus on the western New York state region. Membership is open to anyone with an interest in science. Dues are minimal for the Academy, and are listed in the membership application. Each Section also sets dues to cover Section-related publications and mailings.



For applications and/or more information contact membership chairman Stephen Busschaert, 54 Keswick Rd., Rochester, NY 14609; by telephone 288-5683; or by e-mail <sbusschaert@msn.com>.

The *Academy* Internet web page is <http://www.rasny.org>

The *Astronomy Section* Information phone number is (585) 987-5330. The *Astronomy Section* Internet web page is <http://rochesterastronomy.org>

This "**BULLETIN**" is produced monthly, *except July and September*, by the *Astronomy Section, Rochester Academy of Science*. The editor is Bob Crumrine, 3 Timway Court, Fairport, NY 14450 Phone (585) 265-5292 (days) and (585) 425-7448 (evenings), e-mail <editor@rasny.org>

**ROCHESTER ACADEMY OF SCIENCE OFFICERS**

		Phone	
		(585)	home work
Stanley Spector	President	461-1272	
Charles Hiler	Vice President	924-7496	
Open	Secretary		
William Hallahan	Treasurer	624-1628	389-2552
Harry deLahunta	Membership	350-8526	924-4110
Matthew P. Sinacola	Past President	426-0815	
Karen Wolf	Anthropology	670-9709	273-4500
Lori Englund	Astronomy	334-5744	242-3226
Karen Wolf	Life Sciences	670-9709	273-4500
John Handley	Fossil	802-8567	265-8900
William W. Pinch	Mineral	248-3333	
Elizabeth Pixley	Herbarium	334-0977	
Jutta Dudley	Publications	385-2368	
Bob Crumrine	Bulletin	425-7448	265-5292
William Hallahan	Student Grants	624-1628	389-2552
Paul Dudley	Web Site Coordinator	385-2368	
Demaris Verzulli	Director '12	(315) 524-5242	
Frank Bov	Director '12	385-1518	422-9910
Jutta Dudley	Director '11	385-2368	
Helen D. Haller	Director '11	387-9570	
Kym Pocius	Director '10	(cell) 802-8566	
Jeff Gutterman	Director '10	392-8299	359-6054

The Academy Postal address is P.O. Box 92642, Rochester, NY 14692



**2010 RAS SPRING LECTURE**

The Annual RAS Spring Lecture will be held Friday, April 30, 7:30 PM in the Main Auditorium of Brighton Town Hall, 2300 Elmwood Avenue. The lecture will be given by RAS Fellow, Dr. Steven Chamberlain on the interesting color-change specimens of the mineral Diaspore that he has been studying. Dr. Chamberalin recently published an article in a recent issue of the Mineral Section's newsletter on this mineral, and it is available at this link: <<http://www.rasny.org/mineral/TurkishDiaspore.pdf>>.

Paul Dudley, Editor  
*RocKester News*, RAS Mineral Section

\* \* \*

**37<sup>th</sup> ROCHESTER MINERALOGICAL SYMPOSIUM**

Thursday, April 15<sup>th</sup> through Sunday, April 18<sup>th</sup>

Radisson Hotel  
175 Jefferson Road  
Henrietta, NY

The Rochester Mineralogical Symposium attracts people from all over the world who are interested in all facets of mineralogy. Anyone interested in knowing more about rocks and minerals is welcome. For more information, please visit: <<http://www.rasny.org/MinSymposium/MineralSymp.htm>>

\* \* \*

**ANNUAL ELECTION OF OFFICERS AND DIRECTORS**

Each May, the RAS elects a new slate of officers for a 1 year term and two of six directors for a 3-year term. As in past years, the Nominating Committee has been unable to find candidates for all positions. Interested parties can contact any Board member. By way of introduction and to assist you with your choice, the nominating committee submits biographies of the non-incumbent candidates for your review, found on page 2. Biographies of Jutta Dudley, Chuck Hiler, John

Handley and Bill Hallahan were featured in the January issue of this Bulletin.

\* \* \*

**NEW RAS BOARD CANDIDATAES**

*Director:*  
*Reginald (Reggie) Smith*

Reggie has lived in Rochester for three years coming here after receiving his MBA from the MIT Sloan School of Management. He studied business and physics undergrad at the University of Virginia and currently works in the global supply chain group at ITT Goulds Pumps in Seneca Falls, NY. For the past eight years he has conducted research and published papers as an amateur scientist publishing nine peer review papers in journals such as the Journal of Physics D, the Journal of Statistical Mechanics, the Journal of Theoretical Biology, and the International Journal of Astrobiology. He is interested in working with RAS to sustain the local citizen scientist community and promote the activities of the RAS to a wider audience including public-participation research projects. You can view his research papers and some scientific animations on his web page: <<http://sites.google.com/site/reggiesmithsci/home/hobbies--research>>

Director:  
Eric Drum

Education: Bachelor (SUNY Binghamton), Electrical Engineering  
Profession: IT Administrator for Ametek Power Systems for 20+ years

Member of RAS since 90s. Entire family belongs to Astronomy, Fossil, and Life Sciences Sections. Scientific interests and studies include astronomy, space exploration, geology, nature,

technology, United States history (specifically Civil War period) and Northeastern railroad history. Naturalist, conservationist and environmentalist actively involved with RMSC, Wild Center in Tupper Lake, Friends of Webster Trails and the Rochester Chapter of the National Railroad Historical Society. Former member of Friends of Gettysburg and Mars Society. Personal activities include year-round outdoors activities with family including camping, hiking, canoeing and kayaking, and gardening – landscaping and

edible. Actively supports son’s Scout den, promoting awareness and love of science, nature and technology.

Born and raised in Gasport, NY but has lived in Webster for 20+ years, and now with wife Tiffany, son Sean (10yrs old), and daughter Eliza (3yrs old).

ROCHESTER ACADEMY OF SCIENCE  
BALLOT FOR JUNE 2010 – MAY 2011 OFFICERS

Please vote for each office. Note there are THREE Directors’ slots to fill.

OFFICE	NAME	√	WRITE-IN CANDIDATE
President:	Jutta Dudley		
Vice President: (Please select <b>ONE</b> candidate)	John Handley		
	Chuck Hiler		
Membership:	Open		
Treasurer:	William Hallahan		
Secretary:	Open		
Member, Board of Directors, 3-year term (Please select <b>THREE</b> candidates)  * Indicates a 1-year term (vacated by Jutta Dudley)	Jeff Gutterman		
	Reggie Smith		
	Eric Drum *		

Completed ballots can be mailed to the RAS post office box, or delivered in person at RAS or Section meetings, before April 29<sup>th</sup>.

EVENTS for April, 2010

(For updates to events, check the Academy web site, <http://www.rasny.org>, or appropriate Section web site.)

APRIL EVENTS

Fri 02 ASTRONOMY  
GENERAL MEETING

7:30 PM, RIT Gosnell Hall A-300 Lecture Hall. RIT astronomer Chris O'Dea will give the main talk. His research interests are on Quasars and Active Galactic Nuclei and also Clusters of Galaxies. For information, contact Lori Englund at 334-5744, or <lenglund@frontiernet.net> or visit [www.rochesterastronomy.org](http://www.rochesterastronomy.org).

Tue 06 FOSSIL GENERAL  
MEETING.

7:30 PM in the Downstairs Meeting Room of the Brighton Town Hall, 2300 Elmwood Avenue. "The role of predation in the restructuring of benthic marine communities during the mid-Paleozoic Marine Revolution," Dr. Judith Nagel-Myer/Paleontological Research Institution. Visitors are welcome. For information, contact John Handley at [fossil@rasny.org](mailto:fossil@rasny.org) or 585-802-8567.

Fri 09 ASTRONOMY STAR  
PARTY

9:00 – 10:30 PM at Northampton Park at the Ski Lodge on Hubbell Road. Our first star party of the year spotlights Saturn and deep sky objects. No need to bring equipment or a deep understanding; just come and enjoy the views. Dress very warm as evenings may be very chilly! For information, contact Jim

Seidewand at 723-6225.

Wed 14 RMSC SHULTZ  
LECTURE

7:30 PM Rochester Museum and Science Center. "Education, Inspiration, Research and Play." Professor Andrew Phelps, Ph.D., Rochester Institute of Technology. Admission charge. Order tickets at (585) 697-1942.

Thurs 15 RAS NEWSLETTER  
DEADLINE

Deadline for events and articles the May, 2010 issue.

Sat 17 HERBARIUM

Life Sciences section will hold a workshop at the RAS Herbarium, located in the basement of the Rochester Museum and Science Center (RMSC). If you plan to attend the workshop, please send an RSVP to Elizabeth Pixley. Then, at RMSC, go to the front desk and ask staff person there to call ext. 368, the phone in the Herbarium. For more information, contact Elizabeth Pixley (334-0977.

Thurs-Sun 15-18 ROCHESTER  
MINERALOGICAL  
SYMPOSIUM

Radisson Hotel Rochester Airport 175 Jefferson Road, Rochester, NY 14623. See notice on page 1. NO MINERAL MEETING THIS MONTH!

Fri 23 ASTRONOMY  
LECTURE

8:00 PM, RIT Gosnell Hall A-300 Lecture Hall. "The Hubble

Enigma and The Life Cycle of the Universe" by Ingo Leubner, ASRAS. For information, visit [www.rochesterastronomy.org](http://www.rochesterastronomy.org).

Sat 24 LIFE SCIENCES FIELD  
TRIP

10:00 AM Webster Arboretum, Schlegel Road, Webster. We will view early bulbs and young leaves/buds/needles on trees and bushes. Meet at Webster Arboretum or at Karen Wolf's home to car pool at around 9:30. 1397 Five Mile Line Road, Penfield. For more information, contact Karen at 670-9709.

Thurs 29 SUNY GENESEO  
LECTURE

7:00 PM Newton 22, Geneseo campus. University of Texas Senior Research Scientist Dr. Phil Mann will speak about "When Science Intersects Society – the Haiti Earthquake of 12 January 2010". For information, contact John Handley at [fossil@rasny.org](mailto:fossil@rasny.org) or 585-802-8567.

Thurs 29 BURROUGHS  
AUDUBON NATURE CLUB  
LECTURE & DINNER

7:00 PM, BANC invites you to a buffet dinner followed by talk by Michael Grenier about his experiences as a volunteer at the Byron paleontological (Ice Age) site. For details see <[http://bancny.org/2010 Annual Banquet.pdf](http://bancny.org/2010%20Annual%20Banquet.pdf) >

Fri 30 RAS SPRING  
LECTURE

See notice on page 1.