



PRESIDENT'S MESSAGE: ENJOY THE FALL PAPER SESSION NOVEMBER 15th

You are invited to the 41st RAS Scientific Paper Session and the Larry King Memorial Lecture at The College at Brockport. This is a great opportunity to hear about and discuss the scientific research being conducted by Academy colleagues, scientists and students from western New York. Join us for the entire program or part of it. You'll be glad you participated! *Jutta Dudley*

RAS Scientific Paper Session Schedule Saturday, November 15

Program free and open to the public at The College at Brockport

Campus Map: http://www.brockport.edu/parking/docs/parking_map.pdf

Use Parking Lots D,G,P,O.

8:30 a.m. Presenters Sign-in. Refreshments. Edwards Hall

9:30 a.m. Oral presentations begin. Poster session later in morning. Edwards Hall.

12:30 p.m. Lunch \$12, optional. Seymour Union Ballroom.

Reservation required by November 3. Form on page 2 & online at www.rasny.org.

1:00 p.m. Lecture by Dr. Christopher Norment. Seymour College Union Ballroom

Rochester Academy of Science Lecture
***A Reply to the Man Who Made Toilet Paper:
On the Value of "Basic" Scientific Research***
by Christopher Norment, PhD

Free Lecture
Saturday, November 15, 2014
1:00 PM
The College at Brockport
Seymour Union Ballroom

**41st Annual Fall Scientific Paper Session
November 15, 2013
Lunch Reservation Form**

Variety of prepared sandwiches and wraps, chips, cookie, fruit, and assorted beverages. Served in the Ballroom of Seymour Student Union, 12:30-1:30 PM.

The cost is \$12.00 per person.

Fill out this form and mail (**by Monday November 3**) with a **check payable to Rochester Academy of Science** to:

Dr. Judy Massare
Dept. of Earth Sciences
350 New Campus Drive
The College at Brockport
Brockport, NY 14420

Name _____

Total number of meals: _____

Total Payment Enclosed: _____

<p>Notice Please pick up your lunch ticket at the registration table. Lunches requested after the deadline may not be available.</p>
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LARRY KING MEMORIAL LECTURE

A Reply to the Man Who Made Toilet Paper: On the Value of "Basic" Scientific Research
Presented by Dr. Christopher Norment.

A former American President once declared that the state "should not subsidize intellectual curiosity." In contrast, I will argue that the state (and many other institutions) *should* "subsidize intellectual curiosity," including basic scientific research of the type represented by many of the presentations at the Rochester Academy of Science Fall Paper Session. In doing so, I will use incidents from my own experiences as a field biologist and naturalist, including my PhD and current research—and a discussion I once had with a man who worked in a toilet paper manufacturing plant, about the value (or lack of it?) in basic ecological research.

ABOUT OUR SPEAKER

Dr. Norment is a professor and chair of the Department of Environmental Science and Biology at the College at Brockport, State University of New York, where he specializes in the breeding biology, ecology, and conservation of migratory birds. In addition to numerous scientific articles, he is the author of four books of creative nonfiction, most of which seek to integrate personal narrative and lyrical descriptions of the natural world with the results of scientific research: *In the North of Our Lives: A Year in the Wilderness of Northern Canada*; *Return to Warden's Grove: Science, Desire, and the Lives of Sparrows*; *In the Memory of the Map: A Cartographic Memoir*; and *Relicts of a Beautiful Sea: Survival, Extinction, and Conservation in a Desert World*.

He was honored by SUNY with the Chancellor's Award for Excellence in Teaching in 1998.

Events for November, 2014

For updates to events, check the Academy website, <http://www.rasny.org>, and Section websites.

Sat 1 ANTHROPOLOGY SECTION EVENT

11:00 a.m-4:00 p.m. at RMSC, 657 East Avenue. Help celebrate International Archaeology Day with the Archeological Institute of America, Rochester Section. The anthropology section will participate with display tables of books, magazines and toys/activities for children, including hieroglyphic stamp and coloring projects at the Rochester Museum and Science Center. We will also have various artifacts on display, courtesy of the RMSC and members of both groups. (An added benefit is free admission to the RMSC for volunteers!) If interested in this event, please contact Karen Wolf 670-9709.

Wed 5 FOSSIL SECTION MEETING

7:30 p.m. Brighton Town Hall Auditorium, 2300 Elmwood Ave. In order to accommodate a speaker's schedule, the meeting will feature the Show-n-Tell session normally held in December. Members are asked to bring their interesting finds and any specimens in need of an identification. Visitors welcome. For more information contact Dan Krisher at 293-9033.

Thur 6 ANTHROPOLOGY SECTION MEETING

7:30 p.m. First Unitarian Church of Rochester, 220 Winton Rd. S. We will attend the AIA meeting for their lecture entitled "A Tale of Two Peoples: Phoenicians and Jews in the Land Beyond the

River" by Dr. Andrea M. Berlin. Dr. Andrea Berlin is the Morse-Alumni Distinguished Teaching Professor of Archaeology in the Department of Classical and Near Eastern Studies at the University of Minnesota. She specializes in the archaeology of the Hellenistic and Roman Near East. At Tel Kedesh, the largest mound in Israel's Upper Galilee, her work has brought to light an enormous, and heretofore unknown, commercial and administrative building, first constructed in the later sixth century BCE and used for the next 350 years. Our discoveries include glass and stone seals that show the Phoenician embrace of Persian styles. For more information contact Karen Wolf 670-9709.

Fri 7 ASTRONOMY SECTION MEETING

7:30 p.m.–10:00 p.m. at the RIT. ASRAS General Members Meeting. Marty Pepe will speak about lunar geology. For more information, contact Valerie Rapson at (585) 301-3424.

Wed 12 LIFE SCIENCES HERBARIUM WORKSHOP

Life Sciences section will hold a workshop from 1 to 4 pm at the RAS Herbarium, located in the basement of the Rochester Museum and Science Center (RMSC). We will continue work on replacing torn and damaged genus folders, as well as repairing specimens as needed. It is a great way to see interesting plants from the Rochester region and around

the world! No experience needed! If you plan to attend, please send an RSVP to Elizabeth Pixley. Then, at RMSC, go to the front desk and ask staff person to call ext. 368, phone in the Herbarium. For more information, contact Elizabeth Pixley, herbarium curator (334-0977 or epixley@rochester.rr.com).

Tue 18 MINERAL SECTION MEETING

7:00 – 9:00 p.m. Brighton Town Hall, 2300 Elmwood Ave., Rochester, NY 14618 in the Downstairs Meeting Room. Dr. David Bailey from Hamilton College will speak on, "New York Pegmatites, Minerals of the Benson Mine Iron Deposit." There will be refreshments and door prizes. Visitors are welcome. For more info, please contact Stephen Busschaert at mineralvp@rasny.org or 585-288-5683.

Wed 19 RAS BOARD MEETING

7:00 p.m. Brighton Town Hall, Stage Conference Room.

ONGOING EVENT

ASRAS will operate the telescope, or one on the sidewalk, at Strassenburgh Planetarium on mostly clear Saturday nights. Contact Jim Seidewand at (585) 703-9876. Note: We have a new **Celestron 11 inch SCT** permanently mounted on the deck outside the Cave observatory. Come and check it out!

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ABOUT THE ACADEMY - The Rochester Academy Of Science, Inc. is an organization that 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 Jutta Dudley, 140 Railroad Mills Road, Pittsford, NY 14534; by telephone (585) 385-2368; or by e-mail <pres@rasny.org>. The **Academy** Internet website is <http://www.rasny.org> Or see us on Facebook at <https://www.facebook.com/RochesterAcademyOfScience>

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