



President's Message

Many thanks to my colleagues on the Board who are volunteering their time and talent once again to serve as officers in the upcoming year (see election results on this page). We still lack a special person to oversee membership, and another director. Please consider being appointed to fill in one of these vacancies.

It was an honor to be nominated and accepted as a Fellow of the Academy. I appreciate the recognition and promise to continue working on behalf of the Academy.

All of the Academy sections will participate at Science Exploration Days in mid-May (see details on p. 2) Help us promote science by volunteering to set up displays, activities, and interacting with the visitors.

Spread the joy of learning about the natural world and promote the Rochester Academy of Science!

Looking toward the future, mark November 11 on your calendar. The Fall Paper Session will be held that day at St John Fisher College. A public lecture will be offered by RAS at the event and we welcome recommendations for topics of interest or specific speakers.

Jutta Siefert Dudley

Election Results of April 6, 2017

President: *Jutta Dudley*

Vice President: *Michael Grenier*

Secretary: *Helen Haller*

Treasurer: *William Hallahan*

Director 3 year term: *Douglas Kostyk*

Director 3 year term: *Karen Wolf*

Membership: *open*

Director (to 2019): *open*

Positions begin June 1, 2017.

JUTTA SIEFERT DUDLEY FELLOW 2017

Citation read at the annual meeting April 6, 2017.

Dr. Jutta Siefert Dudley came to the US as a toddler and was raised primarily in the Rochester suburbs. Exploring fields and beaches, she became interested in the natural sciences as a youngster. She obtained degrees in geology and certification in education, and taught high school earth science for many years. She went back to school, received her Ph.D. in Science Education from the University at Buffalo in 1998, and became an adjunct college professor. She joined the RAS in 1977, and became a Life member in 1991. Her commitment to RAS has never wavered since then.

Jutta has been particularly active in the Mineral Section. She helps the Section Curator (her husband, Paul Dudley) with mineral specimens, and has done a great deal of preparation of specimens for exhibit or sale at conferences, shows, and educational outreach events.

In the Academy as a whole, she served as a Director from 2002 to 2010, and has been President of the Board of Directors since 2010. For the Academy's *Bulletin*, she writes the monthly message from the president and many of the articles. Besides fulfilling the usual duties of a president, Jutta has taken a very active role in the publications of the Academy. She was Publications Chair and coeditor of *Proceedings* Volumes 19 and 20, published in 2002 and 2012, respectively, taking on many and varied duties.

(continued next page)

She helps organize public RAS events such as the Fall Paper Session and the Spring Lecture. She encourages Academy members to join her in presenting and sharing their knowledge at RAS events as well as science education events offered by other organizations.

She has presented numerous workshops about earth science topics to teachers at regional and state conferences under the auspices of STANYS (the Science Teachers Association of and continues to present to students of all ages and adults in the community, often incorporating her experiences in the field. Her long and dedicated leadership and service in STANYS recently earned her the rank of Fellow.



Dr. Dudley's contributions to science have included historical research on the work of Professor Herman Leroy Fairchild on the concept of impact cratering and the formation of Barringer Crater (published in the 1998 RAS *Proceedings*), and several publications on earth science and geology intended for science teachers, as well as numerous articles in RAS *Bulletins*. Her scientific interests have taken her to many fascinating places all over the world, from as nearby as the Hiscock Site in Byron, NY, to Belize, the Juneau Ice Field, Mount St. Helens, Zaire, and Kenya.

For her leadership of the Rochester Academy of Science and of the Mineral Section in particular, and her active involvement in RAS public programs and the strengthening and disseminating of good science, we are honored to bestow the title of Fellow of the Rochester Academy of Science to Dr. Jutta Siefert Dudley.

Fellow Brian Oyer nominated Jutta Dudley as Fellow.

RAS Volunteers Invited to Science Exploration Days 2017

On Thursday evening, May 18th (7 p.m. to 9 p.m.) and on Friday the 19th (9:30 a.m. to 1:00 p.m.), all the sections of the Academy will have an important presence at Science Exploration Days, an annual event at St John Fisher College, that is organized by the Central Western Section of the Science Teachers Association of NYS. For 46 years the program has focused on acquainting young people with research, scientific concepts, applied technology, local natural history, and various topics beyond the standard classroom fare.

RAS Section tables provide hands-on activities and informative displays in the exhibit hall that teach and enlighten visitors of all ages. We provide telescopes, minerals, fossils, and edible plants, so visitors have something interesting to see, do, and learn. To do all this well, we would like your help!

As a volunteer, at the Thursday evening program, you will meet families excited to learn something new. During the school program on Friday, you'll interact with some of the 1400 registered students in grades 7 through 12. You'll be treated to a luncheon afterwards.

Let your Section Leader know you can help! Section leaders, for information about setting up on Thursday afternoon contact Karen Wolf, who serves as RAS exhibits liaison with the SED committee:
karen_wolf@urmc.rochester.edu.

Events for May, 2017

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

5 Fri: ASTRONOMY SECTION MEETING

7:30 p.m.–10:00 p.m. Marian and Max Farash Center for Observational Astronomy, 8555 County Road 14 Ionia, NY 14475. ASRAS Vice President David Bishop will be giving his annual Astronomy year in review presentation. \$1.00 hotdogs available at 7:00 p.m. prior to meeting. Contact: Joel Schmid, 533-2097.

5 Fri: FOSSIL SECTION MEETING

7:30 p.m. Brighton Senior and Recreation Center off Winton Road north of 590 interchange. Our speaker will be Dr. Gordon Baird of SUNY Fredonia and he will be talking about his ongoing stratigraphic work in northeastern Ohio. He will also give us an overview of the work required to integrate his personal collection into the Paleontological Research Institutions's collections. The field trip schedule through the middle of July is in place and will be published in the May issue of the Fossil newsletter. Contact: Dan Krisher 698-3147.

8 Mon: ASTRONOMY BOARD MEETING

7 p.m. Farash Center at Ionia. All ASRAS members are welcome. Contact: Joel Schmid, 533-2097.

13 Sat: LIFE SCIENCES HERBARIUM WORKSHOP

10 am - 2 pm RAS Herbarium in RMSC basement. We will work on re-organizing the herbarium after the completion of our big sorting project. No experience needed – just willing hands! 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. Contact: Elizabeth Pixley, herbarium curator, 334-0977, or eypixley@gmail.com.

16 Tues: MINERAL SECTION MEETING

7:00 p.m. Brighton Town Hall, downstairs meeting room. Professor emeritus Bryce Hand of Syracuse University will present “Clark Reservation Limestone: Product of Tsunami from Panther Mountain Impact?” He will present a stratigraphic puzzle that has interested him for a long time. The puzzle involves stratigraphy, minerals, fossils, and even a bolide from outer space! Come join us for an intriguing discussion. Enjoy door prizes and refreshments. Contact: Stephen Busschaert, mineralvp@rasny.org, or 351-7633.

17 Wed: RAS BOARD MEETING

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

19 Fri: ASTRONOMY STAR PARTY

9:30 p.m. – 11:00 p.m. Northampton Park, Brockport at the Ski Lodge parking lot off Hubbell Rd. For more information, contact Jim Seidewand at (585) 703-9876.

21 Sun: ASTRONOMY PUBLIC OPEN HOUSE

12:00 p.m. - 4:00 p.m. (or later, if skies are clear). Marian and Max Farash Center for Observational Astronomy, 8555 County Road 14

Ionia, NY 14475. Events include Young Astronomers activities, observatory training, facilities improvement and star party in the evening – skies permitting. For weather related cancellations or changes contact: Joel Schmid: 533-2097 or see:

www.rochesterastronomy.org/calendar-of-events

29 Mon: (Memorial Day) LIFE SCIENCES FIELD TRIP.

2:00 p.m. Letchworth State Park Museum. Memorial Tree Walk. To car pool, meet at 1 pm at the Henrietta Plaza southeast corner near the 390 entrance on Jefferson Road and East Henrietta Road. This General History and Nature Walk is 2 hours, 1 mile and will visit Memorial, State and National Trees around the Glen Iris Inn area. Contact Larry Hirsch: 429-6199 or Karen Wolf: 670-9709.

ONGOING EVENT

ASRAS will operate the telescope, or one on the sidewalk, at the Strassenburgh Planetarium on mostly clear Saturday nights. Contact: Jim Seidewand: 703-9876.

OUTSIDE EVENTS

18 Thurs & 19 Fri: SCIENCE EXPLORATION DAYS

St John Fisher College. Student Life Center. Thursday, 7:00 p.m. to 9:00 p.m. RAS display tables in Exhibit Hall; open and free to the community. Friday, 9:40 a.m.-12:45 p.m. Exhibit Hall open to pre-scheduled Junior and High School Students.

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

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

May, 2017 - Vol. 71, #5, Page 4

CHANGING ADDRESS?

Temporary or Permanent?

Notify whallah3@naz.edu.

A returned newsletter costs us 59¢

Please help stop this waste.

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 information, contact President Jutta Dudley at (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>.

This "BULLETIN" is produced monthly, except July and September, by the Astronomy Section, Rochester Academy of Science. Submissions are due by the 10th of the month and may be emailed to: editor@rasny.org.

The Academy postal address is P.O. Box 92642,

ROCHESTER ACADEMY OF SCIENCE CONTACTS

		(585) Home/ Work
Jutta S. Dudley	President	385-2368
Michael Grenier	Vice President	671-8738
Helen D. Haller	Secretary	387-9570
William Hallahan	Treasurer	624-1628
Open	Membership	
Karen Wolf	Anthropology	670-9709/273-4500
Alex Smith	Anthropology	(c) 750-3329
David Bishop	Astronomy	392-8831
Lawrence Hirsch	Life Sciences	429-6199
Dan Krisher	Fossil	(c) 698-3147
Stephen Busschaert	Mineral	(c) 351-7633
Elizabeth Pixley	Herbarium	334-0977
Jutta S. Dudley	Publications	385-2368
Ted Lechman	RAS Bulletin	(c) 490-1132
William Hallahan	Student Grants	624-1628
Paul Dudley	Website	385-2368
Douglas Kostyk	Director '17	943-3419
Lee Tutt	Director '17	872-3033
Frank Bov	Director '18	385-1518
Chris Collins	Director '18	(c)(518)605-5614/385-8496
Jeff Gutterman	Director '19	392-8299 748-2272
Open	Director '19	