



President's Message



We begin our outreach activities of the year at the Mendon Ponds Winterfest on Sunday, January 15. It's a great family outing, bringing together outdoor enthusiasts from a variety of community organizations. For our part, we'll showcase activities like solar observing and rock collecting. There are always many curious visitors, and we welcome your help greeting them.

I hope you are looking forward to participating in other community outreach activities as the year progresses, along with our regular member activities. We count on your presence and your offer to help! Thanks, let's have a great year!

Jutta Siefert Dudley
President RAS

* * *

Reminder: Nominations Wanted for RAS Board of Directors

Our organization thrives when there are members who willingly participate in Board meetings and help guide Section and Academy activities. Please consider taking a term on the board!

The Nominations Committee will present a slate at the January 18, 2017 BOD meeting. As stated in the previous *Bulletin*, December 31 was the deadline to be considered for an open position by the Nominations Committee. However, if a member is interested in a position listed below, Academy by-laws allow that person, with a petition signed by ten other members, to be placed on the ballot. Along with the petition, send a brief sketch of the candidate's qualifications and desire to serve, to RAS Secretary Helen Haller at wordbird@rochester.rr.com by **February 1**.

Positions with no candidates:
Membership chair- 1 year term.
Director- remaining 2 years of a 3 year term.

Positions with candidates, but open to nominees:
President- 1 year
Vice President- 1 year
Secretary- 1 year
Treasurer- 1 year
Director- 3 year term
Director- 3 year term

* * *

UR Library Updates

News about the *Proceedings*

In previous issues of this newsletter you heard about the purging and moving of thousands of extra issues of the RAS

Proceedings out of storage from Rush Rhees Library into boxes temporarily housed with BOD members. We wish to give booklets to libraries and organizations and would appreciate your ideas. Individuals may obtain issues for a small donation. A list of the volumes and their contents online will be posted online.

Sets of *Proceedings* are archived and available for reading at the University of Rochester in the following locations: Rare Books and Special Collections, Rush Rhees and Carlson Libraries.

All of the *Proceedings* were scanned and will be prepared for online viewing at New York Heritage Digital Collections.

Library Privileges

As a member of the Academy you have some library privileges at the University of Rochester. You may borrow books from the Rush Rhees libraries, Carlson Science & Engineering, POA (physics,



to keep your RAS membership updated. Renewal form is on next page.



optics, astronomy), plus the library in the Memorial Art Gallery. For online subscription services, you can only access those in person at the university libraries. Interlibrary loan cannot be offered.

To obtain library access, members must show an official RAS membership card that has been bar coded on the back by a librarian. There is no charge for this procedure, in contrast to the previous method of obtaining a photo ID UR library card. You may use your **ASRAS name card** or an **Academy membership card**. The latter may be obtained by contacting the RAS President or Treasurer.

J.S. Dudley, Publications Chair

HAPPY NEW YEAR!



Photo credit JS Dudley

2017 Rochester Academy of Science, Inc.

Membership Form

Mail to:
R.A.S. c/o
William L. Hallahan
6658 North Avon Rd.
Honeoye Falls, NY 14472

- New
 Renewal

Name _____ E-mail _____

Street _____ Phone _____

City _____ State _____ Zip _____ - _____

For your convenience, please pay your dues to the R.A.S. and its sections with a single check. **Make check payable to: Rochester Academy of Science, Inc.**

CIRCLE the amount you are paying for an Academy category (shaded column) and for the Section(s) in which you wish membership.

| Membership Categories <i>R.A.S. dues are a prerequisite for section membership</i> | Rochester Academy of Science | Anthropology Section | Astronomy Section | Life Sciences Section | Fossil Section | Mineral Section | Total |
|---|------------------------------|----------------------|-------------------|-----------------------|----------------|-----------------|-------|
| Member (Individual over age 18) | \$10.00 | \$2.00 | \$17.00 | \$2.00 | \$10.00 | \$5.00 | |
| Family (Including students to age 18) | \$15.00 | \$3.00 | \$22.00 | \$3.00 | \$10.00 | \$6.00 | |
| Student (age 18 to full-time undergrad.) | \$5.00 | \$1.00 | \$5.00 | \$1.00 | \$5.00 | \$2.00 | |
| Supporting (Individual or family) | \$20.00 | ***** | \$30.00 | \$10.00 | \$20.00 | \$10.00 | |
| Patron (Individual or family) | \$30.00 | ***** | \$50.00 | \$20.00 | \$30.00 | \$20.00 | |
| Life (Individual only) | \$200.00 | ***** | \$300.00 | \$40.00 | ***** | ***** | |
| Gift (Thank you!) Fill in amount ⇨ | | | | | | | |
| Check box(es) if you are interested in volunteering ⇨ ⇨ ⇨ ⇨ ⇨ | | | | | | | |

Events for January, 2017

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

There is no meeting for the Fossil Section in January.

There is no Astronomy Section public star party in January.

Life Science-Herbarium Notice: Watch for email notices regarding work meetings to quickly sort and transport herbarium specimens to make way for RMSC construction. Many willing hands will be needed. Thanks in advance for your help.

Fri 6 ASTRONOMY SECTION MEETING

7 p.m. - 10 p.m. RIT Gosnell Hall Room A 300. Speaker: Dr. Craig McMurtry, University of Rochester. Topic: "NEOCAM – A New Satellite to Search for Near Earth Orbit Objects." Contact: Joel Schmid 533-2097.

Mon 9 ASTRONOMY BOARD MEETING

7 p.m. University of Rochester, Bausch & Lomb Hall, 4th floor, Chart Room. All ASRAS members are welcome. Contact: Joel Schmid 533-2097.

Sun 15 LIFE SCIENCES FIELD TRIP

11:00 a.m. Visitors Center, Mendon Ponds Park, Winterfest Event. We will meet in the Visitor Center parking lot. From there we will travel to the activities in the park. For directions contact Larry Hirsch, 429-6199.

Tues 17 MINERAL SECTION MEETING

7:00 p.m. Brighton Town Hall,

Downstairs Meeting Room. Join us for refreshments and a presentation by Vandall King about "Franklin Marble--the Other Franklin." The Franklin area of New Jersey is famous for its fluorescent minerals in the zinc mines. In the Franklin Marble, you can find about 85 different minerals, many unique and world class, including green tourmaline, golden mica, big diopside crystals, giant scapolite, and more. You can access these sites through quarry field trips. Contact: Stephen Busschaert 351-7633

Sun 22 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: *Sledding party* for kids of *all* ages. Contact Carol Latta at 392-7241. *Observatory and Telescope Training*. Contact Ted Lechman at 490-1132. *Open House* open to public. For weather related cancellations or changes contact: Joel Schmid 533-2097 or see www.rochesterastronomy.org/calendar-of-events.

OTHER JANUARY EVENTS

Sun 15 WINTERFEST

11:00 a.m. to 4:00 p.m. Mendon Ponds Park. No matter what the weather, join the community at the County's Annual Winterfest at Mendon Ponds Park! You can hike, race, geocache, ride a

wagon, watch sled dogs run, meet wild critters, a patrol dog and horse, plus so much more! See detailed information about the activities at <http://mendonpondswinterfest.org> Don't forget we'd like your help at the Astronomy and Fossil and Mineral booths!

TELESCOPE REPAIR AND EDUCATION WORKSHOP

11 a.m. – 3:30 p.m. Saturday in January to be announced (See www.rochesterastronomy.org/calendar-of-events for exact date), Strasenburgh Planetarium of the RMSC. Have an underutilized telescope that needs repair, mirror cleaned or training to get better performance? Bring your scope and have ASRAS bring you to tiptop shape. Contact: Joel Schmid 533-2097.

ASRAS ASTRONOMY WINTER LECTURE SERIES

Stay tuned to www.rochesterastronomy.org/calendar-of-events about our Winter Education Series. Several of these will be scheduled over the winter months when observing is a special challenge. These lectures are typically held on Friday evenings, other than the first Friday regular ASRAS meeting, at RIT. Contact: Joel Schmid 533-2097.

ONGOING EVENT

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

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

«RASCat» «Sections» «YearPaid»

«FirstName» «LastName»
 «CO»
 «Street»
 «City», «State» «Zip»-«Zip4»

January, 2017 - Vol. 71, #1, 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, N.Y.

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 | |
| Stan Spector | Past President | 461-1272 |
| Karen Wolf | Anthropology | 670-9709 273-4500 |
| 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 |
| Michael Grenier | Director '16 | 671-8738 |
| Douglas Kostyk | Director '17 | 943-3419 |
| Lee Tutt | Director '17 | 872-3033 |
| Frank Bov | Director '18 | 385-1518 |
| Chris Collins | Director '18 | (c) 605-5614 385-8496 |
| Jeff Gutterman | Director '19 | 392-8299 748-2272 |
| Open | Director '19 | |