



# BULLETIN

"An organization of people in the Natural Sciences"

December, 2015 - Vol. 69, #10

## President's Message

Thank you for your active participation during 2015! Whether you are an elected leader or a behind-the-scenes worker, your contributions to the Section(s) and Academy are significant and appreciated. Your input helps create learning and teaching opportunities at section meetings, workshops, field trips, and the Academy's Spring Lecture and Fall Scientific Paper Session. These occasions fulfill our quest for knowledge, allow us to share our interests, and make friends. Your zest for teaching the public and engaging them in scientific activities is also noteworthy. This includes taking part in community events at Mendon Ponds Park, Science Exploration Days, the state science teacher's conference, Strassenburgh Planetarium telescope observations, RMSC Science Days, quarry open houses, and public star parties.

Best wishes for a productive and happy 2016!

Jutta Siefert Dudley,  
President RAS

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## RAS Board of Director Nominations Wanted

Each year the Academy elects officers and directors at the Spring Meeting to the Board of

Directors to oversee the operations of the Academy. We are looking for members who will participate in the monthly Board meetings and help guide Section and Academy activities. The following positions have no candidates:

**Membership chair:** Provides information about the academy at public events that we participate in. Develops strategies to find and keep members. Helps the Treasurer maintain an updated membership list. Participates in BOD meetings and Academy events. Elected for one year.

**Director:** Participates in BOD meetings and Academy events. Elected for a 3 year term.

A slate is presented at the January 20, 2016 BOD meeting by the Nominations Committee. If you are interested in filling the open positions indicated above, contact Nominations Chair Larry Hirsch (lph710@yahoo.com) **before December ends** and the nominations committee will consider your request.

Positions held by incumbents are contestable and will be listed in a future Bulletin.

For those positions, Academy by-laws allow a member with a petition signed by ten other members, to be placed on the ballot. Secretary Helen Haller, must receive this petition, along

with a brief sketch of the candidate's qualifications, by **February 1, 2016.**

Members will receive ballots in the RAS Bulletin a month prior to the annual Spring Meeting election.

## PAPER SESSION SYNOPSIS

The 42nd Scientific Paper Session on November 8 had a good turnout of over 200 students, faculty, Academy members and others from across western NYS. The Dept. of Environmental Conservation and Horticulture at the Finger Lakes Community College hosted the event. Special thanks go to Dr. Bruce Gilman for orchestrating the many tasks needed to pull off the successful program.

Attendees were actively engaged in discussions over research projects enthusiastically shared by the presenters. This productive interaction is the goal of the Scientific Paper Session! We can



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



be proud we are continuing a program first envisioned many years ago by professors Melvin Wentland and Larry King. The Larry King Memorial Lecture (*Working Together to #stop the Invasion*) featured Hilary Mosher who described the ecological challenges created by invasive species in New York.

New York Invasive Species Information at [NYIS.INFO](http://NYIS.INFO) is a gateway to scientific information, news and events.

The Paper Session abstracts are posted on [www.rasny.org](http://www.rasny.org) for your perusal.



*Hilary Mosher conveys information behind the introduction and control invasive species.*

# 2016 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.

<b>Membership Categories</b> <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	<b>Total</b>
<b>Member</b> (Individual over age 18)	<b>\$10.00</b>	\$2.00	\$17.00	\$2.00	\$5.00	\$5.00	
<b>Family</b> (Including students to age 18)	<b>\$15.00</b>	\$3.00	\$22.00	\$3.00	\$6.00	\$6.00	
<b>Student</b> (age 18 to full-time undergrad.)	\$5.00	\$1.00	\$5.00	\$1.00	\$2.00	\$2.00	
<b>Supporting</b> (Individual or family)	\$20.00	*****	\$30.00	\$10.00	\$10.00	\$10.00	
<b>Patron</b> (Individual or family)	\$30.00	*****	\$50.00	\$20.00	\$20.00	\$20.00	
<b>Life</b> (Individual only)	\$200.00	*****	\$300.00	\$40.00	*****	*****	
<b>Gift (Thank you!)</b> Fill in amount ⇨							
Check box(es) if you are interested in volunteering ⇨ ⇨ ⇨ ⇨ ⇨							

# Events for December, 2015

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

## **RAS BOARD MEETING**

There is no RAS board meeting for the month of December.

## **MINERAL MEETING**

There is no meeting in December.

## **Tues 1 FOSSIL SECTION MEETING**

7:30 p.m. Brighton Town Hall Auditorium, 2300 Elmwood Ave. It's Fossil Show and Tell time! Bring in your finds, favorite species, and any specimens that need identifying. Pizza will be served. For more information contact Dan Krisher at 293-9033.

## **Fri 11 ASTRONOMY SECTION MEETING**

7:00 p.m.–10:00 p.m. at the PLANETARIUM, 657 East Ave, Rochester. Do not go to RIT. Annual holiday party, planetarium show and Outstanding Astronomer award. Please bring a dish to pass. For more information, contact Joel Schmid at (585) 533-2097.

## **Wed 16 LIFE SCIENCES HERBARIUM WORKSHOP**

1:00 – 4:00 p.m. Life Sciences section will hold a workshop 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 [eypixley@gmail.com](mailto:eypixley@gmail.com)).

## **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!

*Happy Winter  
Solstice!*

*Best Wishes for the  
New Year!*



## **LOOKING FOR A GIFT ONLINE?**

Make someone happy and help raise funds for RAS!

Buy through **Amazon Smile** and Amazon will donate to RAS! It's simple. Find out how at <http://smile.amazon.com/c/h/16-6043765>.



Keep RAS smiling!

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**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 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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This “**BULLETIN**” is produced monthly, *except July and September*, by the **Astronomy Section, Rochester Academy of Science**. Submissions are due by the 10<sup>th</sup> of the month, and may be emailed to editor@rasny.org

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