



President's Message



Please join your Academy colleagues for the **RAS Annual Meeting and the Spring Lecture April 11th** at the Brighton Town Hall. I am pleased to announce we will induct Marty Pepe as a new Fellow of the Academy following the election results at 7:15 p.m. His citation will be read again at the May Astronomy Section meeting.

Following the business meeting we turn to our guest speaker Dr. Jessica Cantlon for her presentation on "The Evolution and Development of Mathematics in the Human Brain." Details about the lecture and the background of the speaker can be found in the March Bulletin on www.rasny.org by clicking on the drop-down menu and the Publications and Collections tab. The public is invited to attend this free lecture. Stay for refreshments afterward; mingle with your colleagues, congratulate Marty Pepe, and greet Jessica Cantlon!

Jutta Siefert Dudley, Ph. D., FRAS

Notice

All-Academy Annual Business Meeting
7:15 p.m., Wednesday, April 11, 2018
Brighton Town Hall Community Room
2300 Elmwood Avenue, Rochester, NY. 14618
Agenda: Election and Fellow Induction

Annual Spring Lecture, April 11, 2018

Rochester Academy of Science
Spring Lecture
presented by Jessica Cantlon, Ph.D.

***The Evolution and
Development of
Mathematics in the
Human Brain***



Photo credit: Dr. Jessica Cantlon

Brighton Town Hall □ Community Room
7:15 p.m. □ Wednesday, April 11 □ Free

Rochester Academy of Science Treasurer's Report of March 1, 2018

The Rochester Academy of Science has three categories of funds: The General Fund, the Endowment Funds and the Expendable Funds. The General Fund receives membership dues, monthly interest from the Life Fund (endowment) and the Memorial Fund (endowment). Expenses from the General Fund are outlined in the budget below. This financial report does not include income and expenses of the individual sections.

General Fund Budget: Summary for 2017 (this is where membership dues go):

Section & Board Meetings: Room rental	1325.00
<i>Bulletin</i> : printing, mailing, labor	2100.00
Events: Spring Lecture & Fall Paper Session:	200.00
General Office Expenses (PO Box permit)	290.00
Liability Insurance	460.00
Website	60.00
Total	<u>4260.00</u>

Endowment Funds: The Endowment funds are not spent but generate interest, which is entered as income into the three Expendable Funds. They are reported to the IRS as restricted assets.

Fairchild Fund Interest from this fund is deposited in the Publications Fund.

Life Fund Contains dues paid by those who joined at the Life Membership level.

Jensen Fund Interest from this fund is deposited in the Grants Fund.

Speakers Fund Interest from this fund is deposited in the Lecture Fund.

Grace Murray Fund Interest from this fund is deposited in the Grants Fund.

Memorial Fund This fund contains memorial gifts to honor named members.

Grants Program Endowment Interest from this fund is deposited in the Grants Fund.

Babette Coleman Bequest The interest from this fund is deposited in the Paper Session Fund to support the expenses of the Fall Scientific Paper Session.

The present balance of the Endowment Funds: as of December 31, 2017

Fairchild	10741.00
Life	10400.00
Jensen	8275.00
Speakers	6550.00
Grace Murray	8250.00
Grants Program Endowment	6850.00
Paper Session Endowment	1000.00
Babette Coleman Bequest	4958.86
Memorial	650.00

Expendable Funds: (reported to the IRS as unrestricted assets)

Publications Fund: This fund receives the interest from the Fairchild Fund as well as individual gifts. Since 1995 this fund has been totally self-supporting and does not receive funds from membership dues or from the General Fund. Money in this fund is used to publish the Proceedings and Academy booklets.

Grants Fund: This fund receives the interest from the Grace Murray Fund, the Jensen Fund, the Grants Endowment Fund and dividends from the T.F. and A.A. Murray Fund as well as gifts from individuals or from sections of the Academy. Since 1995 this fund has been totally self-supporting in that it has not received any funds from membership dues or from the General Fund. Money in this fund is used to award annual research grants to undergraduate college students.

Lecture Fund: This fund receives the interest from the Speakers Fund as well as individual gifts. Since 1995 this fund has been totally self-supporting in that it has not received any funds from membership dues or from the General Fund. Money in this fund is used to pay the expenses and honoraria for invited speakers who give lectures at Academy events (at the Fall Scientific Paper Session and the Spring Lecture).

Assets and Liabilities:

The assets of the Rochester Academy include money held by each of the five sections, as well as the RAS funds in the Pittsford Federal Credit Union (checking, savings) plus investments held by Morgan Stanley/Smith Barney (which pay about 3%; this interest is deposited into the Expendable Funds accounts). The RAS also owns stock in ConocoPhillips and Phillips 66; the dividends received are deposited into the Grants Fund. Finally, RAS has investment money in the UBS Putnam Diversified Income Trust which was a bequest from the Babette Coleman estate. The RAS also owns the Astronomy section observatory in Ionia, NY. The RAS has no liabilities.

Events for April 2018

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

3 Tues FOSSIL SECTION MEETING

7:30 p.m. Brighton Town Hall, 2300 Elmwood Avenue. Dr. Jennifer Olori, on "Early tetrapod evolution and the Permian at Ghost Ranch." Visitors welcome. Contact: Dan Krisher; 698-3147.

6 Fri ASTRONOMY SECTION MEETING

7:30 p.m.–10:00 p.m. RIT, Gosnell Hall, Room A300. ASRAS General Members Meeting. Main Speaker: Helen O'Connell, RIT student: "RIT Space Outreach and Cube Satellite Update". Short talk: Bob McGovern, ASRAS Property Manager: "The Capabilities of the Farash Observatory". Contact: Mark Minarich; (585) 257-6042.

9 Mon ASTRONOMY BOARD MEETING

7 p.m. University of Rochester, Bausch & Lomb Hall, 4th floor, Chart Room. All ASRAS members are welcome. Contact: Mark Minarich; (585) 257-6042

11 Wed RAS ANNUAL MEETING & SPRING LECTURE

Brighton Town Hall Community Room, 2300 Elmwood Avenue. 7:15 p.m.: Business meeting. Election of RAS Officers and Fellow induction of Marty Pepe. 7:30 p.m. Jessica Cantlon will speak on "The Evolution and Development of Mathematics in the Human Brain." See page 1 for further details.

14 Sat LIFE SCIENCES HERBARIUM WORKSHOP

10 a.m.- 2 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). No experience needed! We will be organizing the Herbarium materials in our room, now that the basement construction at RMSC is completed. Lunch may be purchased at the RMSC Café or you

may bring your lunch. If you plan to attend, please send an RSVP to Elizabeth Pixley. At RMSC go to the front desk and ask staff person to call ext. 368 in the Herbarium. Contact: Elizabeth Pixley, herbarium curator; (585) 334-0977 or eypixley@gmail.com.

14 Sat ASTRONOMY SECTION MESSIER MARATHON

7:00 p.m.-? Weather Permitting. Marian and Max Farash Center for Observational Astronomy, 8555 County Road 14 Ionia, NY 14475. Contact Mark Minarich: (585) 257-6042.

15 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. For more information contact: Mark Minarich: (585) 257-6042 or see: www.rochesterastronomy.org/calendar-of-events.

15 Sun ANTHROPOLOGY FIELD-TRIP

2 p.m.- 4 p.m. Stone-Tolan House Historic Site, 2370 East Avenue. Landmark Society's April Fools Event: find and record modern day items placed among historic items of the early 1800's. for us to quietly spot and record. Answers available after the House tour. Meet at 1:45 p.m. at the Park-and-Ride on Rt. 31 just south of St. John Fisher to car pool. Entrance fees covered by Anthropology funds. Contact: Karen Wolf; 670-9709 or Alex Smith; 750-3329.

17 Tues NO MINERAL SECTION MEETING

See you all at the 45th Rochester Mineralogical Symposium between April 19th and 22nd at the Radisson Hotel, 175 Jefferson Rd.

18 Wed RAS BOARD MEETING

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

19 Thurs ROCHESTER MINERALOGICAL SYMPOSIUM FREE LECTURE

8:00 p.m. Radisson Hotel. 175 Jefferson Rd, near RIT. Steve Chamberlain will present "Bill Pinch, the Symposium, and Me". All Academy members welcome. Check in at registration to verify you are on the Lecture, Exhibit Room and Dealer Floor. See exquisite museum quality minerals! It's like going to the Smithsonian! The Symposium continues until Sunday, April 22. If interested in attending, registration information is found on the home page of www.rasny.org.

19 Thurs ANTHROPOLOGY SECTION MEETING

7:30 p.m. We will join the AIA for one of their annual Lectures. Lecture location and title to be determined. Contact: Karen Wolf; 670-9709.

ONGOING EVENT

ASRAS will operate the telescope, or one on the sidewalk, at Strassenburgh Planetarium on mostly clear Saturday nights. Contact: Jim Seidewand; (585) 703-9876.

OUTSIDE RAS EVENTS

1-3 JUNE ALLEGANY NATURE PILGRIMAGE

Enjoy a weekend in Allegany State Park with nature enthusiasts of all ages. Walks, workshops, and presentations offer activities and topics that will engage you in star gazing, owl prowls, sketching, bird banding, plant and animal observations, wilderness survival, geologic history, and so much more. In its 60th year, the program is sponsored by several nature clubs in western NY and our local Burroughs Audubon Nature Club Act now to register cabin or tent site at: www.alleganynaturepilgrimage.com.

Rochester Academy of Science
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CHANGING ADDRESS?

Temporary or Permanent?

Notify whallah3@naz.edu.

A returned newsletter costs us 59¢

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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 online. 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 NY 14692-0642.

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