

OPTICAL SOCIETY

ROCHESTER SECTION

ROSA News

November 2010

The ROSA Newsletter is a new feature this year. We created it to keep you informed about the activities of our local chapter of the Optical Society. We would like to include your stories and any information you feel we should share. Please e-mail your suggestions to secretary@rochesterosa.com.

ROSA 2010-2011 Council Members

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Rick Plympton

Past President

Jennifer Kruschwitz

President Elect

Julie Bentley

Secretary

Cisca Sugiro

Treasurer

Jessica Nelson

Education

Steve Jacobs

Program Co-Chairs

Ted Mooney

Neil Anderson

House Co-Chairs

Melissa Geng

Monica Kempself

Councilors at Large

Stephanie Bloch

Josh Cobb

Joe Vornehm

Tanya Kosc

The 2010-2011 council has been busy at work, planning the activities of the year. Here are a few of our recent milestones and accomplishments:

- Education Committee is awarded a grant for \$500 by the American Physical Society
- New link at OSA Foundation website <http://www.osa-foundation.org/opticssuitcase>
- Created a new web page to show all of our [Honorary Members](#)
- Dr. Greg Forbes gave a special presentation at the Hyatt Regency titled **Better Specification of Aspheric Shapes**



UPDATES:

National OSA has an initiative to collect and scan historical OSA documents. If you have anything that may be valuable please contact treasurer@osarochester.org

[Frontiers in Optics 2010/Laser Science XXVI](#) – Educator's Day, David Berg

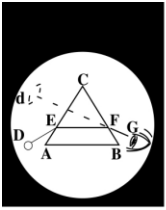
"We need your students." This was the stated reason for this year's Science Educators Day.

On Wednesday, October 27, over 100 educators took part in "Laserama in Rochester," part of the 2010 Frontiers in Optics conference, held at the Riverside Convention Center in Rochester, NY. This is the 24th Annual Science Educators' Day (E-Day), a chance for local pre-college educators to mix with optics professionals and college students, perhaps to catch some of their passion for light.

OSA CEO, Liz Rogan expresses her thanks for all the effort that went into Educator's Day. Please take a moment to read the attached letter and thank those that worked so hard to make the 2010 Educator's Day a success.

From the desk of UR Engineering Dean Rob Clark - **Congratulations!**

Professors Tom Foster, Duncan Moore, and Kevin Parker each have been nominated to the College of Fellows of the American Institute for Medical and Biological Engineering. AIMBE unites 1,000 bioengineers, just the top two percent of the field, around beneficial research and innovation.



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REMINDERS:

Family Night 4:00 – 8:00pm, Dec 12th at the Institute of Optics, University of Rochester
Several new activities this year – come join us for fun and enlightenment !! (pun intended)

Please renew your membership and update your contact information at our [membership page](#)

ROSA is seeking plant representatives. If you are interested in promoting OSA activities at your place of employment, please contact secretary@rochesterosa.com.



**Optical Society of America
Rochester Section Council Meeting
Education Committee Report
11/10/10
By S. Jacobs and T. Pfuntner**

- We delivered more *Suitcases* to groups under our OSA F Memorandum of Understanding. Meredith Smith from OSAF handed out 5 mini's at the OSA FiO meeting in Rochester. We also sent out two Laser Pointer Supplements to previous suitcase recipients as noted below. So far we have delivered 22 of 26 supplements per our agreement with Laserfest.

Date - #	Recipient	Location
11/04/10 #308	Mini w/ 35 sets, Theresa Paredes, Woodward HS, in classroom for optics and solar Sent her a Laser Pointer Supplement	Swanton, OH
11/05/10 #310m	Mini w/ 50 sets to Kathy Dawes, Outreach Coordinator, Palouse Discovery Science Center, Inc.; outreach to ages 8-12 in rural communities in Eastern WA and Northern ID Sent her a Laser Pointer Supplement	Pullman, WA
10/27/10 #311m	Mini w/50 sets, Lucia Saito, Universidade Presbiteriana Mackenzie OSA Student Chapter (delivered at the OSA FiO meeting in Rochester); for ages 7-12, Jucaris Faria Institute of Elementary Education	Sau Paulo, Brazil
10/27/10 #312m	Mini w/ 50 sets, Valentyn Stadnytskyi, OSA Student Chapter, Taras Shevchenko Kyiv National University (delivered at the OSA FiO meeting in Rochester); replaces #242 that was lost in transit	Kyiv, Ukraine
10/27/10 #313m	Mini w/ 50 sets, Rim Cherif, OSA Student Chapter Engineering School, Ecole Superieure des Communications (delivered at the OSA FiO meeting in Rochester); intro optics to masters students	Tunis, Tunisia
10/27/10 #314m	Mini w/ 50 sets, Oleksiy Shulika, OSA Student Chapter (delivered at the OSA FiO meeting in Rochester); presentations to age 16 @ Kharkov National University of Radio Electronics	Kharkov, Ukraine
10/27/10 #315m	Mini w/ 50 sets, Moshe Schechter, Ben Gurion Univ. of the Negev Dept. of Physics (delivered at the OSA FiO meeting in Rochester); ages 12-14, throughout Southern Israel	Beer Sheva, Israel

- On 10/24, we delivered three loaner suitcases and 500 sets of theme packets to Meredith Smith, Director of the OSA Foundation, at the Hyatt Hotel in Rochester. OSAF and the Milwaukee Foundation will sponsor in-class presentations of the *Optics Suitcase* to school children in Milwaukee, Wisconsin, throughout the week beginning Dec.6th. This is a follow-up activity to the Galileoscope Telescope program that was highly successful in April 2010, reaching almost 500 students. Two presenters will receive all expenses paid trips to Milwaukee: Yasaman Soudagar, graduate student from Ecole Polytechnique de Montreal, and Kathleen Adelsberger from The Insitute of Optics, U of R. We owe Meredith an additional 90 sets of theme packets, since the latest target is to make presentations to 590 students.
- On 10/26 we provided the OSA Student Chapter with materials to manufacture 75 large circular polarizers for an OSA student chapter outreach craft competition on the exhibition floor at the OSA FiO meeting. Photo next page.
- On 10/27 we participated in E-Day by operating 3 stations: *Optics Suitcase*, Laser Pointer and Liquid Crystal Mood Patch. We gave out approximately 65 sets of theme packets. Thanks to Anne Marino and Kathleen Adelsberger who helped us. Photos next page.
- On 11/5 we received a letter from Prof. Stacie Nunes, Outreach Chair for the New York State Section of the American Physical Society, indicating that we were chosen to receive a \$500 grant for our outreach proposal entitled "Optics suitcase Presentations in Classrooms". Thanks to Joe Vornehm for making us aware of this grant program.
- On 11/8 we received a link to a new OSA Foundation web site: <http://www.osa-foundation.org/opticssuitcase>
This is a neat site that describes our *Optics Suitcase* program, with links to a video, the teaching guide, the application, and most importantly a Suitcase Sponsorship page where donations can be made to support the purchase of packets and/or suitcases.



Community Outreach
Co-chairs
Andrew Fisher and
Sarah Walters

FiO 2010 Student Contest: Feeding Young Minds



**E day 2010
(Photos by Grover Swartzlander)**



Elizabeth A. Rogan
Chief Executive Officer

November 5, 2010

Mr. Rick Plympton
Optimax Systems Inc
6367 Dean Parkway
Ontario NY 14519

Dear Rick,

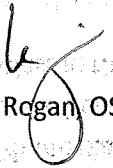
Many thanks to you and the members of the Rochester Local Section for the fantastic job you all did with the planning and execution of Science Educators' Day 2010. Committee members David Berg, Ron Jodoïn, Per Adamson, Andrew Berger, Amber Beckley, Jen Kruschwitz, and Andrew Davidhazy were tireless in their efforts to make the event a success.

More than 100 attendees participated in an outstanding program that featured exhibits and demonstrations, lesson plans, a special session hosted by the American Institute of Physics, dinner, and a goodie bags full of classroom materials. An extra thank you is due to Jennifer Kruschwitz; her fundraising supported the free teacher materials and many of the features that made this event so special.

When you consider how many students benefit from the EDay lessons and demonstrations each teacher brings into their classrooms, it is easy to see how these meetings have the potential to benefit literally thousands of youngsters over time. This is an important reminder of the importance of our work.

On behalf of the OSA community and all the recipients of EDAY learning resources, please accept our heartfelt thanks and appreciation. We look forward to working with you all again in 2012!

Best wishes,


Liz Rogan, OSA CEO

Hi Rick - fantastic event - thanks to you!