1. Elected Officers for 2015-2016 Academic Year:

- **President:** Alexandra Artusio-Glimpse  
  email: aba5677@rit.edu  
  Member Number: 3200963

- **Vice President:** Dmitry Vorobiev  
  email: dxv2686@rit.edu  
  Member Number: 3565668

- **Secretary:** Javier Concha  
  email: jxc4005@rit.edu  
  Member Number: 3436393

- **Treasurer:** Victoria McGowen  
  email: vkm3473@rit.edu  
  Member Number: 3617580
## 2. Current Chapter Members

**Total Student Members: 42**

<table>
<thead>
<tr>
<th>Brittany Ambeau</th>
<th>Douglas Peck</th>
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<tr>
<td>Alexandra Artusio-Glimpse</td>
<td>Xiaopeng Peng</td>
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<td>Madhurima Bandyopadhyay</td>
<td>Michaela Piel</td>
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<td>Yehuda Ben-Zikri</td>
<td>Rajagopalan Rengarajan</td>
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<td>Paul Romanczyk</td>
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<td>Zachary Bittner</td>
<td>Garreth Ruane</td>
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<td>Andrew Burbine</td>
<td>Timothy Rupright</td>
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<td>Javier Concha</td>
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<td>Alexander Dawson-Elli</td>
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<td>Leidy Dorado-Munoz</td>
<td>Michael Slocum</td>
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<td>Jeffrey Steidle</td>
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<td>Christian Taylor</td>
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<td>Thomas Kinsman</td>
<td>Burak Uzkent</td>
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<td>Ryan LaClair</td>
<td>Preethi Vaidyanathan</td>
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<td>Zac Levinson</td>
<td>Dmitry Vorobiev</td>
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<td>Christian Lewis</td>
<td>Dong Wang</td>
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<td>Nick Maggio</td>
<td>Wei Yao</td>
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<td>Jobin Mathew</td>
<td>Mohammed Yousefhussien</td>
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<td>Kwadwo Opong-Mensah</td>
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<td>Kelly Patterson</td>
<td>Amanda Ziemann</td>
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**Total Alumni Members: 11**

<table>
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<tr>
<th>Adam Goodenough</th>
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<td>Neal Lafferty</td>
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<td>René Zünd</td>
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<td>Kenneth Fourspring</td>
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<td>David Coumou</td>
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<tr>
<td>Germain Fenger</td>
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<td>Sanjit Maitra</td>
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3. Chapter Activities
The activities for the period 2014-2015 academic year are described below.

**Activity Name: RIT + U. of R. BBQ Picnic**
Date: 9/19/2014
Number of Attendees: 50
How Chapter Grant funding was spent: We rented a large pavilion in Genesee Valley Park for $90. The food cost was $330.14. This event was supplemented by a $250 grant from OSA.
Description: We held a picnic at Genesee Valley Park in Rochester with members of the SPIE and OSA chapters at RIT and the University of Rochester, the Society for Imaging Science and Technology Club at RIT, the Photo Sciences Club at RIT, the local OSA Rochester Section, and the Monroe Community College Optics Club. We enjoyed the food, sports and meeting new people.

**Activity Name: Outreach at “Celebrating Science”**
Date: 10/17 - 10/18/2014
Number of Attendees: 40
How Chapter Grant funding was spent: Not funds were spent for this event.
Description: Chapter representatives reached out to RIT alumni with a table-top exposition of out Schlieren imaging system and the Light Kit demonstrations while promoting our chapter activities.
**Activity Name: Student Talk Competition**  
Date: 11/14/2014  
Number of Attendees: 45  
How Chapter Grant funding was spent: The requested $150 were used for first and second place prizes in the two categories (grad and undergrad).  
Description:  
We held a very successful student talk competition. Participants submitted abstracts in advance and competing speakers were selected by the OSA student chapter council. Each student gave a 10 minutes talk that was critiqued by an audience of their peers. All speakers received written constructive criticism from the audience and a video of their own talk. The winners based on a numerical "score" in undergraduate and graduate categories received $50 and the first runner-up received $25.


![Image of the Student Talk Competition](image)

**Activity Name: Talk by Dr. Abbie Watnik**  
Date: 12/5/2014  
Number of Attendees: 30  
How Chapter Grant funding was spent: We spent $18.11 to take Abbie to lunch prior to her talk.  
Description:  
We invited Dr. Abbie Watnik from U.S. Naval Research Lab to speak at RIT. She traveled from Washington DC to Rochester, NY with her own research funds. We treated her to lunch for her kind efforts.


![Image of Abbie Watnik](image)

**Activity Name: Talk by Dr. Rajesh Menon**  
Date: 12/10/2014  
Number of Attendees: 20  
How Chapter Grant funding was spent: Chapter funds were used to hold a post-talk pizza party with Dr. Menon. The food cost was $115.60.  
Description:  
Dr. Menon was our guest speaker through SPIE visiting lecturer program. He also spent time with students.
Activity Name: Holiday Party
Date: 12/11/14
Number of Attendees: 30
How Chapter Grant funding was spent: The funds were used to cater a Holiday party for the RIT optics community. $90 was spent on appetizers for guests.
Description:
Holiday party for the RIT optics community at a local restobar. We met to celebrate our successful year as chapter and the holidays. It was attended by student members and not member, faculty and friends.
Activity Name: Rochester Optics Family Night
Date: 12/13/2015
Number of Attendees: 15
How Chapter Grant funding was spent: Not funds were spent for this event.
Description:
An annual event held at the University of Rochester for children and families interesting in learning and playing with hands-on optical experiments. The RIT SPIE chapter presented the Schlieren imaging system to visualize air currents.
Activity Name: Writing Retreat and Workshop
Date: 1/16/2015 and 1/19 - 1/21/2015
Number of Attendees: 10
Included in previous funding Request: Yes
How Chapter Grant funding was spent: The requested $650 was used for lodging.
Description:
Students spent three days removed from daily distractions to better focus on a demanding writing task such as a journal article, thesis, or grant proposal. At the end of each day, all students and a few writing professionals gather to discuss progress, ideas, brainstorm, and seek solutions to linguistic challenges in a group setting. Lunch, snacks, and coffee were provided. To kick off the retreat and set the tone for excellence in writing, students were required to attend a 3 hour workshop on peer-editing methods and abstract writing techniques.

Activity Name: College of Science Club Fair
Date: 3/6/2015
Number of attendees: 50
Description:
Chapter representatives promoted chapter activities to recruit new members from the RIT community.
Activity Name: Eastman House Museum
Date: 4/24/15
Number of Attendees: 15
Included in previous funding Request: No
How Chapter Grant funding was spent: Not funds were spent for this event.
Description:
We visited the Technicolor Exhibit at the Eastman Museum. It was a 1-hour guided tour through the exhibition and 1-hour through the Eastman Museum. It was attended by students and faculty.

Activity Name: Outreach at Rochester Museum and Science Center - Internat. Year of Light
Date: 4/25/2015
Number of attendees: 100
How Chapter Grant funding was spent: We spent $12 on supplies for our demonstration. Namely candles and a lighter to visualize air turbulence in the vicinity of the flame.
Description:
We held an outreach event at the RMSC called "Seeing the Invisible" with the Schlieren Imaging System. It was attended by the adults, children and general public from the Rochester community. It was part of the International Year of Light.
**Activity Name: Happy Hours**
Date: Second Thursday of each month. Total of 8 Happy Hours
Number of Attendees: 10 (Average)
Included in previous funding Request: No
How Chapter Grant funding was spent: No money was spent.
Description:
A monthly event to promote our chapter. We met at a local restobar each second Thursday of each month to have some drinks and chat among SPIE members, faculty and friends.

**Activity Name: Regular Meetings**
Date: Monthly
Number of Attendees: 5 (average)
Description:
Nine meetings have been held during this calendar year. Members used this time to organize events and outreach activities. The minutes for each of these meetings can be found at this website:
https://sites.google.com/a/g.rit.edu/spie-student-chapter-at-rit/meeting-minutes/2014-2015-academic-year
4. 2015-2016 Planned Activities

**Activity Name: Visiting Lecturer - Dr. Chris Dainty**
Date: 5/6/2015
Description:
Our chapter has invited Prof. Chris Dainty to speak 5/6/2015. This talk is partially funded by the OSA travelling lecturer program. We plan to use SPIE chapter funds to fund dinner for Prof. Dainty and student chapter members at a local restaurant.
Expected total: $300
SPIE contribution: $300

**Activity Name: High School Student Research Internship**
Date: Summer 2015
Description:
The chapter will supervise an Imaging Science High School Summer Intern to improve our demonstrations for outreach, including our main “work horse” system for Schlieren photography. The students will be tasked with re-engineering our system to make it more mobile and easier to align, thereby making it possible for our chapter to do more effective and frequent outreach.
SPIE contribution: $200 for supplies

**Activity Name: Joint Event with UR Chapter**
Description:
We plan to hold a second annual joint BBQ picnic with the SPIE student chapter of University of Rochester. There will likely be an intense ultimate frisbee game RIT vs UR!
Last year we spent $330 on food and a shelter reservation. We expect this year to cost a similar amount.
Expected Total: $350
SPIE contribution: $100

**Activity Name: Student Talk Competition**
Description:
We would like to hold a research presentation contest. Students will give 10 min research talks to an audience of peers. Graduate and undergraduate students will be separated into two separate sessions. The winners will be decided by the audience via an anonymous voting scheme. The requested funds will be used to purchase gift certificates as first and second place prizes in each category. This event was a hit when we held it last year. We had a great turn out in both speakers and audience. In fact, there wasn't enough seats in the classroom we reserved and we had to have an application process to decide who would compete. We had 10 competitors who gave 10 minutes research talks. The audience judged the speakers with scorecards and provided constructive criticism. This is the type of event that students really benefit from both personally and professionally.

Cost breakdown:
Four gift certificates to encourage attendance and reward effort.
Graduate 1st place: $50
Graduate 2nd place: $25
Undergraduate 1st place: $50
Undergraduate 2nd place: $25
Food and drink: $200
Total: $350
SPIE contribution: $150

**Activity Name: Visiting Lecturer - Dr. Philip Stahl**
Date: 10/14/2015
Description:
Dr. Stahl has been invited to the RIT campus through the Visiting Lecturer Program to give a talk on “James Webb Space Telescope (JWST) Science and Mirror Fabrication Status.” Expected $100 cost for pizza prior to lecture.
SPIE contribution: $100

**Activity Name: Publishing Ethics Workshop**
Description:
We would like to organize a publishing ethics workshop. This event will be in presentation format. The speaker will provide guidelines for ethical research and publishing including potential pitfalls for graduate students and young scientists. The requested $100 will provide bagels, coffee, and other light refreshments for attendees. This will potentially be provided by an OSA grant.
Expected total: $100
SPIE contribution: $0

**Activity Name: Holiday Social**
Description:
We plan to throw a Holiday party for the Rochester optics community. Approximately $100 of SPIE chapter funds will be used for food. This event will likely be supplemented by an OSA grant.
Expected total: $200
SPIE contribution: $100

**Activity Name: Writing Retreat and Workshop**
Date: January, 2016
Description:
To help current graduate students of the SPIE RIT Chapter develop more refined techniques in technical writing, we will host a student organized writing retreat to take place at an off-campus location where the students can avoid daily distractions and focus on writing. These students will dramatically improve the quality of a current piece of technical writing, such as a journal article, proceeding, proposal, or thesis/dissertation, while building meaningful relationships with their peers. The work will be guided by a few experts - faculty and professional writers - as well as through peer review. The students will also be required to attend a half-day workshop on effective writing and editing techniques held at RIT prior to the retreat. Funding for this event will be supported by the Chester F. Carlson Center for Imaging Science Microgrant.
Expected total: $2,000  
SPIE contribution: $250

**Activity Name: Outreach**

**Description:**  
Several outreach activities are planned for the 2014-15 academic chapter year. Two painting with light photographic public events are planned in collaboration with the Memorial Art Gallery and the Rochester Museum and Science Center in celebration of the International Year of Light. The chapter will also participate in two annual festivals which are the Rochester Optics Family night in winter and Imagine RIT in Spring.  
SPIE contribution: $0

**Activity Name: Monthly Happy Hour**

**Description:**  
The chapter will continue to volunteer time to organize and promote social networking between graduate students across the RIT campus through this monthly gathering. No chapter funds will be spent as a result of this event.  
SPIE contribution: $0

5. **Financial information**

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**Summary**

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6. Additional Information

Chapter Website: [https://sites.google.com/a/g.rit.edu/spie-student-chapter-at-rit/](https://sites.google.com/a/g.rit.edu/spie-student-chapter-at-rit/)

Chapter Facebook page: [https://www.facebook.com/groups/100489154274/](https://www.facebook.com/groups/100489154274/)