Who are we? (Univ. of Rochester Student Chapter)

19-'20 officers and chairs

Nick Kochan  
President

Nick Takaki  
Vice President

Romita Chaudhuri  
Treasurer

Katie Dunn  
Secretary

Ben Moon  
Communications

Saniat Choudhury  
Web Admin

Saleem Iqbal  
Outreach Chair
How do we support chapter members?

- Professional and academic talks
- Social activities for community
- Company tours
How do members impact the community?

Regular chapter meetings to align goals

Student colloquium series

Receive perspective and support to build the network of future optics researchers and engineers

Outreach We excite general public about optics science and technology
How we can support you
and how you can support us
By the numbers

82 active members
40+ chapter alumni worldwide
$1500 Annual chapter funds
20+ chapter activities in 2019

UR SPIE is the largest chapter in North America!
What do industry and students have in common?

*For a given input effort, we seek maximum effect on the output result.*

We want *globally aware* optics experts.

We want *locally engaged* optics experts.

We support growth of good educators and learners in our workplace.
Financial support will allow us to focus on creating successful activities and supporting chapter members

We seek at least $1500 to cover costs in addition to existing $1500, which we use for chapter administration:

<table>
<thead>
<tr>
<th></th>
<th>Constrained</th>
<th>Optimistic</th>
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<tbody>
<tr>
<td>Chapter admin.</td>
<td>1500</td>
<td>1500</td>
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<tr>
<td>Hosting talks*</td>
<td>800</td>
<td>1200</td>
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<tr>
<td>Outreach**</td>
<td>400</td>
<td>600</td>
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<tr>
<td>Social</td>
<td>200</td>
<td>300</td>
</tr>
<tr>
<td>Company tours/travel</td>
<td>100</td>
<td>200</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>3000</strong></td>
<td><strong>3800</strong></td>
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<tr>
<td>less existing funds</td>
<td>-1500</td>
<td>-1500</td>
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<tr>
<td><strong>TOTAL REQUESTED</strong></td>
<td><strong>1500</strong></td>
<td><strong>2300</strong></td>
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* We hosted four talks in 2019 and three talks in first quarter of 2020. SPIE supports one talk per year.
** We participated in seven distinct outreach events in 2019. We’re also interested in new collaborative outreach ideas.
Company benefits for supporting us

• Name recognition (named or sponsored events)
• Increased exposure to other optics companies and with faculty
• Introduction to and mentoring of students, for example:
  • Joint community outreach
  • Student professional development

We implement event planning committees in the student chapter.
• We have managed single events up to $6000 with a year-long planning cycle.
• We are capable of meeting deliverables.
Sampling of 2019 initiatives

just a few things we’re proud of
Initiative 2019: SPIE Laser Show

Student Chapter provided all logistics for laser show provided by SPIE.

We facilitated three shows for local middle schools.

Shared student perspective on optics.
Initiative 2019: Light & Lilacs

- 500k general attendees at Rochester Lilac Festival
- $6000 budget
- 10 days
- >40 Rochester optics community volunteers
- >100 active volunteer hours
Initiative 2019: Mental Health

- Panel discussion of former grad students and mental health professionals
- Joint event with RIT SPIE Student Chapter
- 33 people in attendance
- Included panel, roundtable discussion, guided meditation and board game social event

Attending students reported that it was meaningful to have this discussion and to know that they are not alone in experiencing the stress of grad school, or dealing with things like impostor syndrome, managing expectations, and setting boundaries. This event was highly focused on what one can do on an individual level to combat the stress of grad school for optics and photonics.

-Past President Di Xu
Conclusion

let's work together
We seek help to meet our goal of $1500 in additional funding per year.

We propose contributions of $200, but appreciate any amount.

We view this as an opportunity to operate closer to industry, and are happy to discuss details.

Thank you for your support!
Chapter E-mail: urspie@gmail.com

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Check out our blog:
blogs.rochester.edu/spie