I. Officers

Nomination process was completed August 2019. All positions had single nomination and therefore were appointed to position.

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ali Altaqui</td>
<td><a href="mailto:aaaltaqu@ncsu.edu">aaaltaqu@ncsu.edu</a></td>
<td>President</td>
</tr>
<tr>
<td>Hoang Nguyen</td>
<td><a href="mailto:hmnguye3@ncsu.edu">hmnguye3@ncsu.edu</a></td>
<td>Vice President</td>
</tr>
<tr>
<td>Grant Scarboro</td>
<td><a href="mailto:cgscarbo@ncsu.edu">cgscarbo@ncsu.edu</a></td>
<td>Treasure</td>
</tr>
<tr>
<td>Danny Krafft</td>
<td><a href="mailto:dakraftt@ncsu.edu">dakraftt@ncsu.edu</a></td>
<td>Secretary</td>
</tr>
</tbody>
</table>

II. Members

Ali Altaqui
Md. Milon Hossain
Andrew Howell
Tyler Jenkins
Somayeh Kashani
Ho-Wuk Kim
Danny Krafft
Hoang Nguyen
Grant Scarboro
Nathaniel Warriner
Susan Wei
III. Completed/Planned/Proposed Events for 2019-2020

a. High School Summer Camp, June 2019 – Completed

We have offered a new summer camp materials in June of 2019 to approximately 150 high school students. The materials were related to the topic of Free Space Optical Communication and included: Two different PowerPoint presentations designed for the intro and challenge activities, video tutorials, student guides for both the intro and challenge activities and different optical and electrical equipment as well as basic tools to help students assemble their own optical communication system. Overall the summer camp went very well. Students, involved in the activities, showed passion and eagerness while performing the different tasks. We have received positive comments from both the students and summer camp organizers.
b. Lab tour for high school students, June 2019 — Completed.

We have arranged a lab tour for high school students in the Optical Sensor Lab at NC State University. We gave a student a brief background about the different optical equipment, such as spectrometers, polarimeters and image sensors. We also let students explore different optical elements, such as prisms, polarizers, waveplates, lenses and diffraction gratings.

c. SPIE officers Meeting, Oct 2019 — Completed

We organized a lunch meeting for SPIE officers to discuss new SPIE plans and updates.


We gave a presentation to new transfer graduate students in NC State University, where we introduced the SPIE organization, its mission and goals, membership benefits and activities. (Presentation slides attached)

e. Visiting Lecturer Appointment, Winter 2020 — Planned.

We have arranged a visiting lecture talk with Dr. Joseph Shaw from Montana State University. The topic of the lecture is entitles “Optics in Nature”.

f. SPIE Conference Presentation, Spring 2020 — Planned.

Ali Altaqui and Grant Scarboro will participate in the SPIE defense and commercial sensing conference in Anaheim, California (26-30 April 2020).
IV. Budget

No expenses have been made in 2019.