



## 2019 Kearns Center Research Symposium Overview

July 29, 2019 from 8:30 AM-6:00 PM

May Room, Wilson Commons & Richard Feldman Ballroom, Douglass Commons

The David T. Kearns Center's Research Symposium celebrates the accomplishments of nearly 90 research scholars who participated in the McNair, Xerox, Nano to Network, Computational Methods, Quantum, Bio, Nano Photonics, Kearns Summer Research Scholars and IRIS programs. This email is meant to provide an overview of the logistics and expectations for the symposium.

**IMPORTANT NOTE:** On the day of, all students need to arrive by 8:30 AM and will stay to support one another until program end at 6:00 PM. Breakfast, lunch, and other refreshments are provided. An overview of each symposium section is provided below.

**The symposium is divided into four timed sections (time subject to slight adjustments):**

- Oral presentation: 9:00 a.m. to 12:30 p.m.      May Room, Wilson Commons
- Lightning talks: 1:15 p.m. to 2:45 p.m.      May Room, Wilson Commons
- Poster session: 3:00 p.m. to 4:30 p.m.      Feldman Ballroom, Douglass Commons
- Awards and recognition: 4:30 p.m. to 5 p.m.      Feldman Ballroom, Douglass Commons

### 1. Oral Presentations (*non-engineering McNair and IRIS Scholars*)

Students will deliver 12-minute oral presentations concerning their summer research project. Presentations will use PowerPoint software and template, and a mix of text and graphics to convey projects that are visually interesting and accessible to a large group of others. There will be Q&A sessions (3-minutes) for each presentation.

Questions to guide the oral presentation are a clear articulation of:

- What you did?
- How you did it?
- Why you did it?
- The contributions to your field and the larger field of human knowledge
- **Please consult the example PowerPoint outline provided and consult with both your research advisor(s) and Kearns advisor with questions.** Slide presentations and content could vary depending on feedback. This is to be used as a preliminary guide to get you started.

### 2. Kearns 4x20 Lightning Talk Guidelines (*Xerox, NSF REU's (Except Photonics), engineering-McNair Scholars*)

These high-energy one (1) minute and twenty (20) second talks provide an opportunity for scholars to share key points about their research in a fun and engaging way. You will have exactly four (4) slides that will advance automatically every twenty (20) seconds. No animations or embedded video are permitted in the slides.

The goal of the talk is to connect the audience with an idea and provide attendees with a name and face to follow up with if they want more information on the subject presented



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during the poster session. Due to their nature, these talks are not deep. Focus on the key points regarding what matters most.

Questions to guide the lightning talk presentation are a clear articulation of:

- What you did?
- Why you did it?
- The contributions to your field and the larger field of human knowledge
- **Please consult the Lightning Talk overview provided and consult with both your research advisor(s) and Kearns advisor with questions.** Slide presentations and content could vary depending on feedback. This is to be used as a preliminary guide to get you started.

### 3. Poster Session (*Xerox, ALL NSF REU's, engineering McNair Scholars*)

Students will produce a 3' x 4' poster that combines text and graphics to present your project in a way that is visually interesting and accessible. A scaled poster template is provided. During the poster session, students will provide oral overviews of the poster and address questions from individual audience members.

The purpose of a poster is to make people see the value of your research project. To do this, you will need to determine what you want your take-home message to be. Once you have an idea about what that take-home message is, you will need to support it by adding some details about:

- What you did?
- How you did it?
- Why you did it?
- The contributions to your field and the larger field of human knowledge
- **Please consult the example poster provided and consult with both your research advisor(s) and Kearns advisor with questions.** Poster content could vary depending on feedback. This is to be used as a preliminary guide to get you started.

Students are strongly encouraged to work with their faculty to create the final presentation and poster. Final submissions will be made electronically to the Kearns Center on the following dates:

- Final Poster submission to be printed due on July 23
  - Submit to <https://form.jotform.com/91834306963968>
- Final PPT Slides (Oral and Lightning Talk) due on July 25
  - Submit to <https://form.jotform.com/91833741839972>