



# JINA-CEE

Center for the Evolution of the Elements

From: Micky Kilburn and Zachary Constan, JINA-CEE Outreach Coordinators  
Subject: The Physics of Atomic Nuclei (PAN) program

The Joint Institute for Nuclear Astrophysics – Center for the Evolution of the Elements (JINA-CEE) invites applications for the twenty-seventh PAN program in summer 2020. High school students are encouraged to apply by the March 27, 2020 deadline.

PAN is a free residential summer program on the campuses of Michigan State University (co-sponsored by [NSCL](#)) and University of Notre Dame (co-sponsored by [NSL](#)). The two one-week programs introduce current high school students to the principles and methods of scientific research (focusing on current work in nuclear physics and nuclear astrophysics) as well as life in the university environment.

*For high school students who are U.S. citizens: June 21-26 (ND); July 26-31 (MSU)*

- ❖ Discover career opportunities in science
- ❖ Learn about research at NSCL or NSL from faculty at the cutting edge of their field
- ❖ Conduct your own experiments
- ❖ Experience the atmosphere of college life
- ❖ Receive free room and board on campus (if required)

**Participants in PAN over the years have expressed great satisfaction with the experience. 100% of PAN 2019 participants agreed that they would recommend the program to friends/colleagues.**

PAN is **free** to participants; your only cost is travel to the program. For this reason, admission to PAN is competitive; up to forty-four students will be accepted between the two sites. More information can be found at the program website (<https://www.jinaweb.org/educational-outreach/physics-atomic-nuclei-pan>) or by contacting us directly.

Following the March 27 deadline, applications will be reviewed and acceptance/waitlist letters sent by the end of April.

Sincerely,

Micky Kilburn  
Zachary Constan

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