

Kyle W Cook

University of Louisville

✉ kyle.cook@louisville.edu | 🏠 www.kwcookastro.com | 📄 kwcook3824 | 📞 0000-0002-4012-779X | 📧 Kyle Cook

Education

University of Louisville

M.S./PhD in Physics

Louisville, KY

August 2021 - Current

- Graduate Student Council: Senator Proxy

Western Kentucky University

B.S. in Physics

Bowling Green, KY

August 2006 - December 2010

- Society of Physics Students: Vice-President
- Hilltopper Astronomy Club: President
- Hardin Planetarium: Trainer Observatory Operator

Work Experience

University of Louisville

MS/PhD Student

Louisville, KY

Aug 2021 - Current

- Supervisor: Dr. Benne Holwerda
- Studying relationships between Green Valley Galaxies

Texas A&M University

Teaching Assistant

College Station, TX

Aug 2010 - June 2012

- Supervisor: Don Carona

Munnerlyn Institute for Astronomical Instrumentation

Research Assistant

College Station, TX

Aug 2010 - Aug 2011

- Supervisors: Drs. Darren DePoy and Jennifer Marshall
- Lead on MooSci Project (Site Characterization Instrument for the Giant Magellan Telescope)

Western Kentucky University

Laboratory Manager, Senior Telescope Operator, and Student Researcher

Bowling Green, KY

Aug 2006 - May 2010

- Set up and operations of University Mechanics Labs
- Senior Operator for Bell Observatory
- Researching flaring behavior in Blazars.

Teaching Experience

University of Louisville

Graduate Teaching Assistant

Louisville, KY

Jan 2022 - Current

- PHYS 108: Intro Astronomy Lab (Spring 2022)
- PHYS 221: Fundamentals of Physics Lab (Fall 2022)
- PHYS 295: Intro to Physics I Lab (Spring, Summer, and Fall 2022)
- Physics Learning Center Tutor (Spring and Fall 2022)

Fern Creek High School

Jefferson County Public Schools

Louisville, KY

Jan 2013 - May 2013

- Chemistry: Sophomore Level
- General Science: Freshman Level

Texas A&M University

Teaching Assistant

College Station, TX

Aug 2010 - Jun 2012

- ASTR 102: Observational Astronomy (Fall 2010, Spring and Fall 2011, Spring 2012)
- ASTR 101: General Astronomy (Summer 2012)

Skills

Proficient Python/NumPy, , Microsoft Office Suite

Familiar Source Extractor

Achievements

2010	Douglas Humphrey Award for Outstanding Service in Physics and Astronomy , Western Kentucky University	<i>Bowling Green, KY</i>
2010	Chambliss Student Research Achievement Award , American Astronomical Society	<i>215th Meeting of the AAS</i>
2009	Douglas Humphrey Award for Outstanding Service in Physics and Astronomy , Western Kentucky University	<i>Bowling Green, KY</i>
2009	Chambliss Student Research Achievement Honorable Mention , American Astronomical Society	<i>213th Meeting of the AAS</i>
2008	Douglas Humphrey Award for Outstanding Service in Physics and Astronomy , Western Kentucky University	<i>Bowling Green, KY</i>

Affiliations

Senator Proxy	University of Louisville, Graduate Student Council
Member	Looking at the Distant Universe with the MeerKAT Array (LADUMA)
Member	Legacy Survey of Space and Time (LSST) Galaxy Science Group

Publications and Presentations

Cook K. W., Carini M. T., 2009, in Bulletin of the American Astronomical Society.

Cook K. W., Carini M. T., 2010, in Bulletin of the American Astronomical Society. p. 375

Cook K. W., et al., 2012, in AAS Meeting 219.

Holwerda B. W., et al., 2022, , 513, 1972

Rheault J. P., DePoy D. L., Marshall J. L., Carona D. W., Cook K. W., Behm T., Allen R. D., 2011, in Bulletin of the American Astronomical Society.

Thomas-Osip J. E., et al., 2012, , 124, 84