

Jennifer L. Wojno
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Education

University of Louisville, Louisville, KY
 Master's Program, Physics
 August 2012 - Present

University of Louisville, Louisville, KY
 B.S. in Physics, focus in Astronomy and Astrophysics
 2009 - 2012, awarded in May 2012

Carol Martin Gattton Academy for Mathematics and Science in Kentucky
 Western Kentucky University, Bowling Green, KY
 2007-2009

Scholarships and Awards

University of Louisville, Hallmark Trustee's Scholarship, 2009 - 2012

Research Experience

220th Meeting of the American Astronomical Society, June 2012

Presented a poster titled *Photometric and Spectroscopic Analysis of Eclipsing Binary TY Tau*.

Internship, University of Arkansas, Fayetteville, AR
 May 2011 - July 2011

Participated in the Research Experience for Undergraduates Program, funded by the National Science Foundation. Assisted Dr. Claud Lacy with research on stellar evolution using binary star system, processing data using a series of specialized programs. Utilized photometric and spectroscopic data to characterize the system.

Internship, University of Nevada, Las Vegas, Las Vegas, NV
 June 2010 - August 2010

Participated in the Research Experience for Undergraduates Program, funded by the National Science Foundation. Conducted high pressure physics research under Dr. Micheal Pravica and graduate assistant Martin Galley, assisting in data acquisition and analysis of various secondary explosives. Focused primarily on infrared spectroscopy and analysis.

Publications

Co-author

A High Pressure, High Temperature Study of 1,1 Diamino-2,2 Dinitro ethylene.
Micheal Pravica, Martin Galley, Changyong Park, Harrison Ruiz and Jennifer Wojno
High Pressure Research

Teaching

Graduate Teaching Assistant, University of Louisville, August 2012 - present

Teaching assistant for multiple sections of an entry-level astronomy lab (PHYS 108). Organize weekly lab meetings and activities, assist students when necessary, grade assignments completed by students.

Undergraduate Teaching Assistant, University of Louisville, January 2012- May 2012

Teaching assistant for entry-level physics lab (PHYS 223). Provided students with support and guidance where necessary, graded weekly lab reports submitted by students.

Professional Societies

Member, Society of Physics Students (local and national)

Member, Sigma Pi Sigma

Skills

Microsoft Windows operating systems

Unix/Linux operating systems

C, C++, Perl

Wolfram Mathematica

Origin 8, Jade (X-ray diffraction analysis)