

Curriculum Vitae

Jonathan Jordan Edwards

CURRENT ADDRESS

1104 East Halcyon Road #202
Tucson, AZ 85719
(301) 247-4987

PERMANENT ADDRESS

1104 East Halcyon Road #202
Tucson, AZ 85719
(301) 247-4987

EDUCATION

UNIVERSITY OF ARIZONA, Tucson, AZ
Master of Science, Mathematics major
May 2014 (expected)
G.P.A. 3.43/4.0

KENYON COLLEGE, Gambier, OH
Bachelor of Arts Magna Cum Laude, Mathematics major, Physics major
May 2011
G.P.A. 3.85/4.0

HONORS AND AWARDS

KENYON COLLEGE

- Phi Beta Kappa Honor Society – Inducted Spring 2011
- Finkbeiner Scholarship – Awarded Fall 2009
- American Mathematical Society Waldemar J. Trjitzinsky Scholarship – Awarded Fall 2009
- Summer Science Scholar – Awarded Spring 2009
- The National Oceanic and Atmospheric Administration Ernest F. Hollings Scholarship – Awarded Spring 2009
- Pi Mu Epsilon National Honorary Mathematics Society – Inducted Spring 2009
- Merit List – Fall 2007-Spring 2011

RESEARCH AND WORK EXPERIENCE

RINCON HIGH SCHOOL MATHEMATICS INTERVENTIONIST

Supervisor: Glynda Underwood, gmunderwood@cox.net
G & M Consulting, LLC, Tucson, AZ
Fall 2013 – Spring 2014

- Help prepare students who failed Algebra I for Arizona's Instrument to Measure Standards (AIMS) test

UNIVERSITY OF ARIZONA TEACHING ASSISTANT

Supervisor: Tina Deemer, Mathematics Appointed Personnel, deemer@math.arizona.edu
University of Arizona Department of Mathematics, Tucson, AZ
Fall 2011 – Present

- Currently teaching MATH 122B First Semester of Calculus
- Taught 2 semesters of MATH 112 College Algebra, 2 semesters of MATH 120R Pre-Calculus, 1 semester of MATH 116 Applied Calculus for Business

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) AVIATION WEATHER SERVICES BRANCH INTERN

Supervisor: Beth McNulty, Aviation Meteorologist NWS Forensic Services, beth.mcnulty@noaa.gov
NOAA Headquarters, Washington, D.C.
Summer 2010

- Analyzed data using Microsoft Excel for Central Weather Advisory products issued by Center Weather Service Units.
- Formulated a method to obtain the false alarm ratio and probability of detection for different weather phenomenon reported.

KENYON SUMMER SCIENCE SCHOLAR

Supervisor: Jan Kmetko, Assistant Professor of Physics, kmetkoj@kenyon.edu

Kenyon College, Gambier, OH

Summer 2009

- Conducted experimental work in Biophysics.
- Modeled diffusion of nano-meter sized colloids in confined spaces.

MATHEMATICS SYSTEMS ADMINISTRATOR

Supervisor: J. Terrence Klopčič, Director of Laboratories for Physics and Mathematics, klopčict@kenyon.edu

Kenyon College, Gambier, OH

Fall 2009–Spring 2011

- Updated computer operating systems and software.
- Fixed minor computer problems throughout the Mathematics Department.

MATHEMATICS GRADER

Supervisor: Judy Holdener, Mathematics Department Chair, holdenerj@kenyon.edu

Kenyon College, Gambier, OH

Fall 2008–Spring 2011

- Graded student homework for Data Analysis, Calculus B, Introduction to Statistics, Linear Algebra I.

POSTERS AND CONFERENCES (* = presenter)

J. J. Edwards* and B. McNulty, “Analysis of CWSU CWA Performance Metric.” NOAA Symposium, August 04, 2010.

J. J. Edwards* and J. Kmetko, “Modeling Diffusion of Nano-meter Sized Colloids in Confined Spaces.” Kenyon Summer Science Scholars Poster Session, October, 2009.

EXTRACURRICULAR ACTIVITIES

UNIVERSITY OF ARIZONA

- University of Arizona Math Circle – Fall 2013–Spring 2014, work with middle and high school students on challenging math problems

KENYON COLLEGE

- Physics Club – Fall 2010–Spring 2011
- French Horn in Pit Orchestra for “The Wizard of Oz” – Summer 2009
- Wiggin St. Elementary School Fifth Grade Volunteer – Spring 2009
- Math Club – Co-President, Fall 2009–Spring 2011
- French Horn Quartet – Fall 2008–Fall 2009
- Symphonic Wind Ensemble – Fall 2007–Spring 2011