

ROBERT J NIICHEL

PERSONAL INFORMATION

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phone 812-320-0233

citizenship United States

GOAL

Fill a tenure-track teaching position at a college or university.

WORK EXPERIENCE

Fairmont State University
Sept. 2014– Temporary Assistant Professor
Teach 4+ undergraduate mathematics courses per semester, from college algebra to real analysis.
Reference: Dr. Brian BLACKWOOD · (304)-367-4497
bblackwood@fairmontstate.edu

Ivy Tech Community College
2012-2014 Adjunct Professor
Taught 1-2 sections of Liberal Arts Mathematics per semester.
Reference: Cecil ELLARD · cellard@ivytech.edu

Lighthouse Christian Academy
2011-2014 High School Mathematics Teacher
Taught all high school mathematics courses, including AP Calculus AB and BC.
Participated in curriculum planning and development with other teachers.
Reference: Joyce HUCK · (812) 824-2000

EDUCATION

Ph.D. Mathematics (Probability)
2005-2012 Indiana University
Thesis: *End Behavior of the Periodograms of Rho-Prime Mixing fields*
Description: I explored the periodogram (an estimator of the spectral density) of fields (multi-dimensional arrays) of dependent random variables, proving a central limit theorem and other results.
Advisor: Prof. Richard C. BRADLEY

B.A., Mathematics, History
2001-2005 The College of St. Scholastica
GPA: 3.95/4 · Graduated *summa cum laude*

PUBLICATIONS

August, 2014:
BJPS R.J. Niichel, A BIVARIATE CLT UNDER RHO-PRIME MIXING. Brazilian Journal of Probability and Statistics

PRESENTATIONS

March, 2015 WVCTM Conference, Roanoke, WV
October, 2014 Blue Ribbon Group, Fairmont, WV

<i>October, 2013</i>	Special Session on Weak Convergence in Probability and Statistics, AMS Sectional Meeting, University of Louisville.
<i>February, 2012</i>	Probability and Related Fields Seminar, Indiana University.
<i>October, 2010</i>	Graduate Student Seminar, Indiana University
<i>August, 2010</i>	Graduate Student Poster Session, MAA Annual Meeting, Pittsburgh, PA
<i>May, 2006</i>	Colloquium, College of St. Scholastica

AWARDS / GRANTS

- 2017 · NVIDIA GPU Grant
- 2017 · TMC Technologies of West Virginia Research Grant
- 2014 · NASA Faculty Reasearch Enhancement Grant
- 2010 · MAA Travel Grant
- 2007 · Tier One Exam Award (Runner Up)
- 2005 · CSS Math Department Academic Excellence Award
- 2005 · CSS History Department Academic Excellence Award

CONFERENCES ATTENDED

- 2018 · Joint Mathematical Meetings, San Diego
- 2016 · Teaching Professor Conference, Washington, D.C.
- 2014 · CMBS Forum on the First Two years of College Math, Reston, VA.
- 2013 · AMS Section Meeting, Louisville, KY
- 2010 · MAA Annual Meeting, Pittsburgh, PA.
- 2008 · AMS Annual Meeting, Bloomington, IN

February 27, 2018