

Jacob Landgraf

Curriculum Vitae
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Department of Mathematics
University of Notre Dame
B20 Hayes-Healy Center
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Education

- 2016- **University of Notre Dame**, Notre Dame, IN
Ph.D in Mathematics (advisor: Andrew Putman)
- 2018 **University of Notre Dame**, Notre Dame, IN
M.S. in Mathematics
- 2016 **Michigan State University**, East Lansing, MI
B.S. in Mathematics

Awards

- 2016- Notebaert Premier Fellowship
- 2015 MSU Math Teaching Assistant Award
- 2014 L.C. Plant Scholarship
- 2013 Tolles Endowment Scholarship

Published Papers (available on the arXiv)

2. E. Banaian, S. Butler, C. Cox, J. Davis, J. Landgraf, S. Ponce
A generalization of Eulerian numbers via rook placements
Involve 10 (2017), no. 4, 691705.
1. E. Banaian, S. Butler, C. Cox, J. Davis, J. Landgraf, S. Ponce
Counting prime juggling patterns
Graphs Combin. 32 (2016), no. 5, 16751688.

Presentations

- 02.2018 Notre Dame Candidacy Exam
Introduction to Mapping Class Groups
- 01.2016 JMM Poster Session
Prime Two-Ball Juggling Patterns
- 04.2014 MSU Student Mathematics Conference
Isomorphisms of Ring Extensions of Algebraic Numbers

Service

Notre Dame

- 2018 Grad Student Union Rep for Math Dept.
- 2016–2017 First-Year Rep to Math Grad Student Assoc.

Teaching

Notre Dame, Teaching Assistant

- Spring 2018 Math 10560 - Calculus II
- Fall 2017 Math 10560 - Calculus II

Michigan State, Teaching Assistant

- Spring 2016 MTH 254H - Honors Multivariable Calculus
- Spring 2015 MTH 299 - Transitions
- Fall 2014 MTH 299 - Transitions
- Summer 2014 MTH 103 - College Algebra

Michigan State, Course Development

- Spring 2016 MTH 299 - Transitions

Michigan State, Math Learning Center

- 2013–2016 Neighborhood Center Supervisor