

# Josh Stangle

## Curriculum Vitae

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## Education

- 2017 **Ph. D. Mathematics**, *Syracuse University*, Syracuse, NY.  
Advisor: Graham J. Leuschke  
Thesis: The Representation Theory of Orders over Cohen-Macaulay Rings
- 2013 **M.S. Mathematics**, *Syracuse University*, Syracuse, NY.
- 2010 **B.S. Mathematics**, *University of Rochester*, Rochester, NY.

## Employment

- 2017- **Assistant Professor**, *University of Wisconsin-Superior*, Superior, WI.
- 2010-2017 **Teaching Assistant**, *Syracuse University*, Syracuse, NY.
- 2008-2010 **Teaching Assistant**, *University of Rochester*, Rochester, NY.

## Publications

- JS**, *Gorenstein and Totally Reflexive Orders*, *J. Algebra*, 477: 56-68, 2016.  
(arXiv:1604.01748)
- JS**, *Auslander's Theorem and  $n$ -Isolated Singularities*, In preparation.

## Selected Lectures

- 2017 **Auslander's Theorem and Path Algebras**, *AMS Special Section*, College of Charleston, Charleston, SC.
- 2016 **Totally Reflexive and Gorenstein Orders**, *AMS Special Section*, University of Denver, Denver, CO.  
**Orders and Non-commutative Crepant Resolutions**, *XXVIII Meeting on Representation Theory of Algebras*, Sherbrooke University, Sherbrooke, QC Canada.  
**Orders and Non-commutative Crepant Resolutions**, *International Conference on the Representations of Algebras*, Syracuse University, Syracuse, NY.  
**Gorenstein Algebras over non-Gorenstein rings**, *Mathematics Graduate Organization Conference*, Syracuse University, Syracuse, NY.
- 2015 **Higher AR theory and  $n$ -representation type**, *Algebra Seminar*, Syracuse University, Syracuse, NY.
- 2014 **Newton Polygons: The Hunt for Roots**, *Pi Mu Epsilon Math Club*, Syracuse University, Syracuse, NY.  
**How should we define a noncommutative resolution?**, *Mathematics Graduate Organization Conference*, Syracuse University, Syracuse, NY.

**Noncommutative crepant resolutions and the global spectrum**, *Algebra Seminar*, Syracuse University, Syracuse, NY.

## Selected Conferences and Workshops Attended

- 2017 **Workshop on Local Cohomology**, *University of Minnesota*, Minneapolis, MN.
- 2016 **Workshop on the Homological Conjectures in Commutative Algebra**, *University of Illinois at Chicago*, Chicago, IL.
- AMS Special Section on Quantum Algebra**, *University of Denver*, Denver, CO.
- XXVIII Meeting on Representation Theory of Algebras**, *Sherbrooke University*, Sherbrooke, QC Canada.
- Annual Rte. 81 Algebraic Geometry and Commutative Algebra Conference**, *Syracuse University*, Syracuse, NY USA.
- International Conference on the Representations of Algebras**, *Syracuse University*, Syracuse, NY USA.
- Joint Mathematics Meeting**, *Washington State Convention Center*, Seattle, WA USA.
- 2015 **Workshop on Geometric Algebra**, *Fields Institute*, Toronto, ON Canada.
- International Conference on Representation Theory and Commutative Algebra**, *University of Connecticut*, Storrs, CT USA.
- 2014 **Mathematics Research Community on Cluster Algebras**, *Snowbird Resort*, Snowbird, Utah USA.
- Maurice Auslander Distinguished Lectures and International Conference**, *Woods Hole Oceanographic Institute*, Woods Hole, MA USA.
- Annual Rte. 81 Algebraic Geometry and Commutative Algebra Conference**, *Cornell University*, Ithaca, NY USA.

## Research Interests

- Commutative Algebra
- Defect Categories
- Representation Theory
- Noncommutative algebraic geometry

## Grants and Awards

- 2017 **All University Doctoral Award**, *University-wide award for excellence in Graduate research*, Syracuse University.
- 2017 **Kibbey Prize**, *Mathematics Department Award for Excellence in Graduate Program*, Syracuse University.
- 2017 **GSO Travel Grant**, *Grant to attend AMS Special Session in Charleston, SC*, March 2017.
- 2016 **AMS Travel Grant**, *Grant to attend AMS Special Session in Denver, CO*, October 2016.
- 2015 **Outstanding TA award**, *Syracuse University*, University Wide award presented to 4% of TAs annually.

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## Teaching

### **University of Wisconsin - Superior.**

Calculus II, Probability and Stochastic Processes.

### **Syracuse University.**

Modern Elements of Mathematics, Calculus I,II, III.

### **Syracuse University.**

Calculus I, II, Transition to Higher Mathematics, Abstract Algebra.

**Teaching evaluations available**, see [https://jjstangl.expressions.syr.edu/?page\\_id=267](https://jjstangl.expressions.syr.edu/?page_id=267).

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## Service

### [Mathematics Graduate Organization, Syracuse University](#)

2015-2016 Graduate Student Senator, Mathematics Graduate Organization

2013-2015 Colloquium Organizer, Mathematics Graduate Organization

### [Graduate Student Organization, Syracuse University](#)

2015-2017 Travel Grant Committee, Graduate Student Organization

## Other

Referee for the following journals.

- Mediterranean Journal of Mathematics

Professional Memberships

- American Mathematical Society
- Mathematical Association of America
- Association for Women in Mathematics