

# Joshua Jordan

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## EDUCATION

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| Graduated: Spring 2017           | Wright State University, <i>Dayton, OH</i>  |
|                                  | <ul style="list-style-type: none"><li>- Cumulative GPA: 3.906/4. Majored in Mathematics and Physics. Graduated summa cum laude with departmental honors. BS awarded 6/2017.</li></ul>   |
| Expected Graduation: Spring 2022 | University of California, Irvine, <i>Irvine, CA</i>   |
|                                  | <ul style="list-style-type: none"><li>- Cumulative GPA: 3.782 /4. Studying for doctoral degree in mathematics with a concentration in geometric analysis. More specifically, generalized Ricci flow and Pluriclosed flow on Hermitian manifolds. MS awarded 6/2019.</li></ul> |

## EXPERIENCE

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| Jan 2015 – May 2015 | Physics Lab Instructor, <i>Wright State University Physics Department</i>   |
|                     | <ul style="list-style-type: none"><li>- Supervised by William Wagner (email: william.wagner@wright.edu)</li></ul>   |
| May 2015 – Jul 2015 | Research Assistant, <i>Wright State University Math Department</i>  |
|                     | <ul style="list-style-type: none"><li>- Graph theory and combinatorics</li><li>- Supervised by Dr Daniel Slilaty (email: daniel.slilaty@wright.edu)</li></ul>   |
| Jan 2016 – May 2016 | SCALE-UP Teaching Assistant, <i>Wright State University Tutoring Center</i>   |
|                     | <ul style="list-style-type: none"><li>- Supervised by Dr Randy Mieskoski (email: randy.mieskoski@wright.edu)</li></ul>  |
| Jan 2016 – May 2016 | Research Assistant, <i>Wright State University Math Department</i>  |
|                     | <ul style="list-style-type: none"><li>- Learned principles of the geometry of curves in 3-dimensional space. Used DoCarmo's <i>The Differential Geometry of Curves and Surfaces</i>.</li><li>- Supervised by Dr Qun LI (email: qun.li@wright.edu)</li></ul> |
| Aug 2016 – Jan 2016 | SCALE-UP Teaching Assistant, <i>Wright State University Physics Department</i>  |
|                     | <ul style="list-style-type: none"><li>- Supervised by Dr Ajani Ross (email: ajani.ross@wright.edu)</li></ul>  |
| May 2016 – Jan 2016 | Senior Project, <i>Wright State University Physics Department</i>   |

- Responsible for original research project under the guidance of a professor in the physics department. Focused on modeling super current in YBCO.
- Supervised by Dr Jason Deibel (email: [jason.deibel@wright.edu](mailto:jason.deibel@wright.edu))

2017-pres

Teaching Assistant, *University of California, Irvine*

- TA'ed for 140 A,B (Elementary Real Analysis); 2B,D (Calculus); 121 A (Advanced Linear Algebra); 184 (History of Math); 162 B (Theory of Curves and Surfaces)

2017-pres

Research Assistant, *University of California, Irvine*

- Focused on Pluriclosed and Generalized Ricci flows on Hermitian and generalized complex manifolds. Supervised by Dr Jeffrey Streets (email: [jstreets@math.uci.edu](mailto:jstreets@math.uci.edu) )

## HONORS

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Aug 2013 – Pres

Departmental Honors Student, *Wright State University*

- Required to submit an honors research project and maintain a GPA of at least 3.3/4.

Aug 2014 –May 2016

Member of Dean's Circle, *Wright State University College of Science and Math*

- The Dean's Circle is the Dean's Student Advisory Board of the College of Science and Math. Responsible for student leadership, event organization, and facilitating student-faculty dialogue.

2015 – 2017

Professor Krishan K Gorowara Memorial Scholarship, *Wright State University Math Department*

2015 – 2016

Gust Bambakidis Scholarship, *Wright State University Physics Department*

- Given to students demonstrating exceptional involvement in physics courses, labs, the Society of Physics Students, or other departmental activities.

Aug 2015 – May 2016

Chair of Dean's Circle, *Wright State University College of Science and Math*

2016 – 2017

Dr Merrill L Andrews Memorial Scholarship, *Wright State University Physics Department*

April 2016 – Pres

President of the Society of Physics Students, *Wright State University Physics Department*

- Responsible for community outreach, cultivating a sense of community within the department, and developing student-faculty relations.

May 2016

College of Science and Math Nominee for Presidential Scholarship, *Wright State University*

- One person is nominated from each of the seven colleges. The seven are interviewed and the winner of the scholarship is selected to do a research project of interest to the university at large.

## PAPERS

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- Jordan, J & Streets, J. *On a Calabi-type estimate for pluriclosed flow*. Preprint, arXiv: 1909.00808.