

Bhawesh Mishra

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🏠 Nepal

Education

1. **The Ohio State University, Columbus** **Expected: May 2023**
PhD in Mathematics GPA: 3.87/4.0
2. **Berea College, KY** **Completed: August, 2017**
B.A. in Mathematics (Summa Cum Laude) GPA: 3.9/4.0
3. **Department of Mathematics, University of Wisconsin, Madison** **Jan, 2016 – July, 2016**
Visiting Student (GPA: 4.0/4.0)

Community Involvement

1. **Mathematics Graduate Student Association** **July, 2020 to Current**
Treasurer
2. **Departmental Committee on Diversity and Inclusion** **Fall, 2018 to Summer, 2019**
Graduate Student Representative
3. **Departmental Committee on Graduate Student Health and Well-being** **Spring 2022**
Graduate Student Representative
4. **Directed Reading Program** **Fall 2021 to Current**
Graduate Student Mentor

Notable Awards

1. **The OSU Presidential Fellowship 2022** **Awarded December 2021**
Most prestigious award to a graduate student (in recognition of scholarship and research)
2. **The OSU University Fellowship** **August, 2017 to July, 2018**
Awarded through university-wide competition amongst admitted graduate students
3. **Doris and Harold Rosenbaum Scholarship at Berea College, KY** **August, 2017 to May, 2019**
Awarded through competition amongst graduating seniors
4. **Ballard-McConnell-Willis Scholarship** **June, 2014 to May, 2017**
Largest scholarship at Berea College, KY - awarded for excellent scholarship and upright moral character
5. **Full tuition, room & board Scholarship** **August, 2013 to August, 2017**
Berea College, KY

Relevant Work Experiences

1. **Teaching Associate (20 hrs/week)** **Fall, 2018 & Fall 2019 to Current**
Department of Mathematics, The Ohio State University
2. **Teaching Assistant (20 hrs/week)** **August, 2014 to May, 2017**
Department of Mathematics, Berea College
3. **Student Manager and Sales associate (40 hrs/week)** **May, 2014 to August, 2017**
The Log House Craft Gallery, Berea KY - Training new staffs; Handling payment accounts of 50+ vendors

Publications and Preprints

1. Intersective Polynomials Arising from Sums of Powers. *Comm. Alg.* 2021, **(49)6**, 2633–2644. [Journal Link](#).
2. Polynomials Consisting of Quadratic Factors with Roots Modulo Any Positive Integer. *Amer. Math. Monthly.* 2022, [Journal Link](#).
3. Minimally Intersective Polynomials with Arbitrarily Many Quadratic Factors. To appear in *Integers*. (Accepted 10.04.2021) . [Journal Link](#).
4. Intersective Polynomials over Ring of Integers of Global Fields (Submitted).