

Curriculum Vitae

Yang Hu

Contact

Information

- Science Hall
Department of Mathematical Sciences, NMSU
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Employment

- **Postdoc** Since August 1, New Mexico State University
- **Graduate Employee** Sept 2017 – June 2023, University of Oregon

Education

- **Ph.D.** June 2023, University of Oregon (advisor: Dev Sinha), USA
- **M.S.** June 2017, University of Regina (advisor: Donald Stanley), Canada
- **B.S.** June 2015, Fudan University, Shanghai, China

Research

- **Research Interest**

Algebraic topology and homotopy theory.

- **Publication**

Metastable complex vector bundles over complex projective spaces.

Accepted. To appear in *Transactions of the American Mathematical Society*.

- **Work in progress**

Equivariant Weiss Calculus.

In progress.

Invited

Research Talks

- *Metastable complex vector bundles over complex projective spaces.*
Topology Seminar, University of California San Diego, April 26, 2022.
- *Metastable complex vector bundles over complex projective spaces.*
Algebraic Topology Seminar, University of California Los Angeles, April 22, 2022
- *Metastable complex vector bundles over complex projective spaces.*
Geometry/Topology Seminar, University of Oregon, February 22, 2022.

Teaching

Experience

At the University of Oregon

- **Instructor of Record**

- Math 111 College Algebra, Fall 2017
- Math 112 Elementary Functions, Winter 2018
- Math 111 College Algebra, Spring 2018
- Math 106 University Math II, Summer 2018
- Math 111 College Algebra, Fall 2018

- Math 106 University Math II, Summer 2019
- Math 251 Calculus I (for science majors), Fall 2019
- Math 251 Calculus I (for science majors), Winter 2020
- Math 251 Calculus I (for science majors), Spring 2020
- Math 251 Calculus I (for science majors), Two Sections, Spring 2022
- Math 251 Calculus I (for science majors), Winter 2023
- Math 252 Calculus II (for science majors), Spring 2023

- **Teaching Assistant**

- Math 242 Business Calculus II, Winter 2019
- Math 243 Introduction to Probability and Statistics, Spring 2019
- Math 243 Introduction to Probability and Statistics, Fall 2020
- Math 243 Introduction to Probability and Statistics, Spring 2021
- Math 243 Introduction to Probability and Statistics, Winter 2022
- Math 241 Business Calculus I, Fall 2022

Service

- **Orgainzer**, Homotopy Seminar, University of Oregon, AY 20-21.

**Selected Awards
and Scholarships**

- Jack and Peggy Borsting Award and the John V. Leahy Memorial Award, University of Oregon, 2022
- Anderson Research Fellowship, University of Oregon, 2021
- Johnson Research Fellowship, University of Oregon, 2020