David Rubinstein

CONTACT INFORMATION

Mathematics Department
University of California, Santa Cruz

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EDUCATION

University of California, Santa Cruz — *California, USA*
Ph.D. in Mathematics — September 2018 – *present*
Advisor: *Beren Sanders*

M.A. in Mathematics — December 2019

University of California, Santa Barbara — *California, USA*
B.Sc. Mathematics (High Honors) — June 2018
Minor in Physics

INTERNAL TALKS

Classification Problems in Mathematics
Stratification and Derived Categories of Motives — March 2022
Graduate Student Colloquium, University of California, Santa Cruz

Algebras in Tensor Triangulated Categories:
Seperability, Descent and Finite étale Extensions — October 2021
Graduate Student Colloquium, University of California, Santa Cruz

An Introduction to (Tensor) Triangulated Categories (Talk 2/2) — December 2020
Graduate Student Colloquium, University of California, Santa Cruz

An Introduction to Triangulated Categories (Talk 1/2) — November 2020
Graduate Student Colloquium, University of California, Santa Cruz

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TEACHING

Math 288b – Pedagogy of Mathematics — *UC Santa Cruz*
Teaching Assistant — Winter 2022

Math 117 – Advanced Linear Algebra — *UC Santa Cruz*
Instructor of Record — Summer 2022
Teaching Assistant — Spring 2022
Teaching Assistant — Fall 2021

MATH 111A – Abstract Algebra — *UC Santa Cruz*
Teaching Assistant; Fellowship under SEMILLA Teach — Fall 2020

Math 100 – Introduction to Proofs and Problem Solving — *UC Santa Cruz*
Teaching Assistant — Fall 2019

MATH 23A – Vector Calculus (Differentiation) — *UC Santa Cruz*
Teaching Assistant — Winter 2020

MATH 21 – Introduction to Linear Algebra — *UC Santa Cruz*
Instructor of Record — Summer 2021
Instructor of Record — Summer 2020
Teaching Assistant — Spring 2020
Teaching Assistant — Summer 2019
Teaching Assistant — Winter 2019

MATH 19B – Calc for Science, Engineering, and Mathematics (Integration) — *UC Santa Cruz*
Teaching Assistant — Spring 2019
Reader — Summer 2019

MATH 19A – Calc for Science, Engineering, and Mathematics (Differentiation) *UC Santa Cruz*
Teaching Assistant *Fall 2018*

MATH 11A – Calculus With Applications (For the Life Sciences) *UC Santa Cruz*
Teaching Assistant *Spring 2021*
Teaching Assistant *Winter 2021*

SERVICE

Directed Reading Program *UC Santa Cruz*
Mentor *Fall 2019, -21, -22*
Co-Organizer *Fall 2022 – present*

Peer Mentorship Program *UC Santa Cruz*
Co-Creator and Mentor *Fall 2021 – present*

Association for Women in Mathematics *UC Santa Cruz*
Outreach Chair and Treasurer *Fall 2021 – present*

Category Theory Learning Seminar *UC Santa Cruz*
Co-leader and co-organizer *Winter 2022, Spring 2022*

Graduate Student Colloquium, Mathematics Department *UC Santa Cruz*
Co-organiser, with Deewang Bhamidipati *November 2020 – June 2022*

Mathematics Department Diversity & Inclusion Committee *UC Santa Cruz*
Member *October 2020 – August 2022*

CERTIFICATE PROGRAMS

Graduate Certificate in Course Design & Delivery Spring 2021
Center for Innovations in Teaching and Learning (CITL),
University of California, Santa Cruz

Graduate Certificate in Teaching for Equity Spring 2020
Center for Innovations in Teaching and Learning ((CITL),
University of California, Santa Cruz

Inclusive Teaching Practices using 21st Century Pedagogy Fall 2018, Fall 2020
Center for Innovations in Teaching and Learning (CITL),
University of California, Santa Cruz

FELLOWSHIPS AND GRANTS

GANAS Math 11B GSR Fellowship Summer 2022
Recieved fellowship as part of GANAS Career Pathways project to redesign Calculus in Life Sciences sequence

GANAS Math 11A GSR Fellowship Summer 2021
Recieved fellowship as part of GANAS Career Pathways project to redesign Calculus in Life Sciences sequence

SEMILLA Teach for Math 111A Fall 2020
Received grant as part of SEMILLA Teach to create worksheets for Math 111A.

MEMBERSHIPS

Association for Women in Mathematics April 2021 – *present*

American Mathematical Society September 2018 – *present*

LANGUAGES

(In descending level of comfort) English, Yiddish, Spanish, Hebrew