CHAOYANG "KEVIN" GAO

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ACADEMIC POSITIONS

Oklahoma Baptist University, Shawnee, OK
· Assistant Professor — *August 2026 - Present*

California Baptist University, Riverside, CA
· Adjunct Professor — *September 2024 - May 2026*

EDUCATION

University of California, Riverside
Ph.D. in Mathematics — *June 2026*
· *Advised by Dr. Brian Collier*
M.S. in Mathematics — *June 2022*

Biola University
B.S. in Mathematics — *May 2019*

RESEARCH INTEREST

Differential geometry, complex geometry, representation theory, Higgs bundles, reductive Lie groups, semisimple Lie algebras

AWARDS & CERTIFICATIONS

UCR Peer Mentor Training Certification	September 2025
UCR Outstanding Teaching Awards	2024-2025
UCR Vernon Kramer Memorial Service Award	2024-2025
UCR Outstanding Teaching Awards	2023-2024
UCR Vernon Kramer Memorial Service Award	2023-2024
UCR Chancellor's MEI Program Diversity Certification	2022-2023
UCR Dean's Distinguished Fellowship	2022-2026

TEACHING

Oklahoma Baptist University — Shawnee, OK
Assistant Professor

· MATH 1021 - Support for College Algebra (Fall 2026)
· MATH 1033 - Cotemporary Mathematics (Fall 2026)
· MATH 1163 - College Algebra (Fall 2026)

University of California — Riverside, CA
Associate Instructor

· MATH 006A - Pre-Calculus: Introduction to Functions I (Summer 2023)
· MATH 006B - Pre-Calculus: Introduction to Functions II (Winter 2026)
· MATH 007B - Calculus for Life Science II (Summer 2025)
· MATH 022 - Calculus for Business (Summer 2025)
· MATH 197 - Undergraduate Research: Non-Euclidean Geometry (Spring 2025)

California Baptist University Riverside, CA
Adjunct Professor

- MAT 115 - Intermediate Algebra (Fall 2024, Fall 2025)
- MAT 342 - Fundamentals of Multivariable Calculus with Differential Equations (Spring 2025, Spring 2026)

University of California Riverside, CA
Teaching Assistant

- MATH 006A - Pre-Calculus: Introduction to Functions I (Summer 2023)
- MATH 006B - Pre-Calculus: Introduction to Functions II (Winter 2024, Spring 2025)
- MATH 007A - Calculus for Life Science I (Spring 2023)
- MATH 007B - Calculus for Life Science II (Fall 2022, Fall 2023, Spring 2026)
- MATH 009A - First Year Calculus I (Fall 2024, Fall 2025, Spring 2026)
- MATH 009B - First Year Calculus II (Winter 2025)
- MATH 010A - Calculus of Several Variables I (Spring 2025)
- MATH 010B - Calculus of Several Variables II (Winter 2025)
- MATH 022 - Calculus for Business (Winter 2022, Fall 2023)
- MATH 145B - Topology II (Spring 2026)
- MATH 165A - Introduction to Complex Variables I (Winter 2024)

Biola University La Mirada, CA
Teaching Assistant

- MATH 103 - Calculus for Management Science
- MATH 204 - Intro to Abstract Mathematics
- MATH 291 - Linear Algebra

SERVICE & OUTREACH

UCR A Tu Lado Mentorship Program Graduate Mentor	2025-2026
UCR Math Department Teaching Workshop Committee	2025-2026
UCR Math Department Teaching Fellow	2025-2026
UCR Math Department TA Mentorship Mentor	2024-2025
UCR Math Department Recruitment Ambassador	2024-2025
UCR Math Department Recruitment Ambassador	2023-2024