

Daniel Hogue, Instructor
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Education

University of California, Riverside **2016 – 2017**
Riverside, CA
Master of Science, Physics

Azusa Pacific University **2012 – 2016**
Azusa, CA
Bachelor of Science, Physics

Teaching Experience

Azusa Pacific University **2018 – Present**
Azusa, CA

Santiago Canyon College **2021 – Present**
Orange, CA

Judson International School **2018 – 2020**
Eagle Rock, CA

Courses Taught

Conceptual Physics
Earth Science Concepts & Applications
Introduction to Statistics
Calculus Fundamentals for Statistics
Linear Algebra Fundamentals for Statistics
Intermediate Algebra
Mathematics in Society
Introduction to Astronomy Lab
Self-Paced Mathematics Lab
Sequences and Series
Fundamentals of Precalculus

Publications and Presentations

Southern California Conference for Undergraduate Research
“Finding the Nematic Transition with a Macroscopic Model” (Poster Presentation)
California State University, Fullerton; November 22nd, 2016

Azusa Pacific University Math and Physics Research Day 2014
“Finding the Nematic Transition with a Macroscopic Model”

Azusa Pacific University Math and Physics Research Day 2013
“Computer Vision Analysis of the Nematic-Isotropic Phase Change in a Macroscopic Model”

Azusa Pacific University Math and Physics Fellows' Presentation
"Does Faith solve for X: Or is God Even Necessary?"

Associations

American Physical Society

Research Interests

Physics Education