

SUMMER ANDREWS

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Mission Viejo, CA, 92692

OBJECTIVE

Enthusiastic and dedicated instructor seeking a position as a Mathematics faculty member at a community college or university

EDUCATION

- MA California State University, Fullerton** Anticipated: May 2021
Master of Arts in Mathematics, Teaching Option
GPA to date: 3.5
- BS Florida State University** 2016
Bachelor of Science in Psychology; Focus in Neuroscience
Minor in Mathematics
Graduated with Honors

TEACHING EXPERIENCE

California State University, Fullerton Aug 2020- Present
Teaching Associate, Mathematics Department

- Instructed College Algebra, an undergraduate course of 39 students, virtually via Zoom for Fall 2020
- Solely conducted all lectures and office hours, designed a syllabus and quizzes, administered exams and quizzes, graded all assessments and homework
- 86% of students earned a grade of 80% or higher; course average was 88%.
- 95% of students responded to the anonymous student opinion questionnaire at the end of the semester, with 83% rating their experience with the course as a 4 out of 5 or higher.
- Instructing Mathematics for Liberal Arts Majors, an undergraduate course of 40 students, via Zoom for Spring 2021
- Teaching via the “flipped model,” conducting interactive mini-lectures, facilitating in-class group work, and designing and administering in-class exams.

Ocean View Nonpublic School Aug 2019- July 2020
Chemistry Instructor & Substitute Algebra 2 Instructor

- Taught Chemistry, a high school course, both in-person and virtually to a small group of students at this school serving those with emotional, behavioral, and learning disorders.
- Developed the entire curriculum for the school year
- Taught Algebra 2 for three weeks as a substitute teacher
- Demonstrated excellent skills with empathy, flexibility, patience, and communication

Aim High Tutors @ South Orange County

Aug 2016 to July 2020

In-Home Tutor, specializing in Mathematics and Sciences

- Conducted one-on-one as well as group tutoring sessions with clients regularly
- Assisted with homework, test review; designed and administered quizzes
- Assisted 100% of clients in not only passing their classes, but excelling exponentially
- Maintained several repeat clients renewing their tutoring contracts for multiple years

Tutoring with Summer

Aug 2008- Present

Private Tutor, specializing in Mathematics and Sciences

- Have assisted over 300 students to succeed in various academic subjects from elementary school to college level through this self-started tutoring business
- Conducting one-on-one as well as group tutoring sessions with clients regularly, supplementing their respective in-class experiences however necessary

Club Z! In-Home Tutoring

June 2014- June 2015

In-Home Tutor, specializing in Mathematics

- Assisted multiple students with homework, test preparation, and conducted mini-lessons

HONORS AND AWARDS

The Outstanding Teaching Award

April 2021

Recipient of this esteemed award for exceptional teaching from the California State University, Fullerton Department of Mathematics for the 2020-2021 academic year

Cheryl and Carl Carrera Mathematics Scholarship recipient

May 2020

The sole recipient of this scholarship awarded to one student majoring in Mathematics at California State University, Fullerton who excels while facing unique personal challenges

National Achievement Scholar

May 2012

One of 700 students nationwide honored in the National Merit Scholarship Program

Debate Team Nationals Qualifier for Extemporaneous Speaking

May 2012

Placed in the 2012 National Forensics League competition.

My speech and delivery won 1st place in all qualifier competitions, including Regionals and State

RESEARCH EXPERIENCE

California State University Fullerton, Mathematics Department

Jan 2020- March 2021

Advisors: Dr. Druken, Dr. Martinez-Cruz, Dr. Cadwalladerolsker

- Analyzed and categorized common algebraic errors and corrective pedagogy
- Observed various professors' classes; compared and contrasted methods of teaching mathematics virtually vs in-person; analyzed most effective teaching methods
- Analyzed the implications of Gauss' contributions to Non-Euclidean geometry; investigated various mathematical philosophies regarding research

FSU-FAMU College of Chemical and Biomedical Engineering Aug 2013 -May 2015
Research Assistant; Advisor: Dr. Telotte

- Conducted experiments and research on the conversion of cardboard into fuel

Florida State University Erikson Cognitive Psychology Laboratory Jan 2015-Jan 2016
Research Assistant

- Specialized in data analysis and data entry

PRESENTATIONS AND INVITED LECTURES

Florida State University

Poster Session: “The Conversion of Cardboard into Fuel”

Undergraduate Research Opportunity Program (UROP) 2014 Symposium

PROFESSIONAL TRAINING AND CERTIFICATIONS

Rancho Academy- Developing California Community College Leaders April 2021
Rancho Santiago Community College District

- Certification for completion of this training, mentorship, and professional development program for aspiring future community college instructors, emphasizing the advancement of diversity, equity, and inclusion in the community college system.

“Teaching Mathematics at the College Level” course completion Aug 2020-Dec 2020
California State University, Fullerton

- Semester-long program involving weekly meetings with peers and faculty observing, critiquing, practicing, and collaborating on methods to strengthen our teaching abilities

Mental Health First Aid Training Certification May 2016

- Nationwide program equipping its participants with skills to recognize and support those who may be experiencing emotional distress or a mental health crisis

RELEVANT SKILLS

Computer skills:

- Zoom mastery- Successfully teaching via Zoom for over one year
- Canvas, Blackboard, and WebAssign proficiency

Communication skills:

- Conversational proficiency in Spanish
- Appropriate communication tactics with disordered students; crisis management

Management/Leadership skills: Problem-Solving, Collaboration, Critical Thinking, Organization, Reliability, Time Management, Multi-tasking, Work Ethic, Self-motivation