



# Brian Shay

## CA, '19

### Candidate for Treasurer

I am excited to be a part of a dynamic and inspirational group of educators. I have always valued membership in professional organizations and helping to steer them into the future. As treasurer, I will ensure that CPAM is fiscally strong and taken care of. I have served in different leadership roles with many organizations, and have learned that listening, reflecting, planning, and doing are instrumental to a successful leader and organization.

#### Education

University of California, Davis, M.A. in Teaching Mathematics 2002, M.A. in Mathematics 2002  
State University of New York, Potsdam M.A. in Mathematics 2000, B.A. in Mathematics 2000

#### Professional Experience

Canyon Crest Academy, San Dieguito Union High School District, Teacher and Chair (2004 – Present)  
La Costa Canyon High School, San Dieguito Union High School District, Teacher (2002 – 2004)  
River City High School, Washington Unified School District, Teacher (2001 – 2002)  
University of California, San Diego, Adjunct Instructor (2013 – 2020)  
Mesa College, San Diego, Adjunct Instructor (2003 – 2020)  
California Mathematics Council – South, Vice-President and Conference Chair (2020 – Present)  
California Mathematics Council – South, Program Committee, Chair (2010 – 2020)  
NCTM Curriculum Resource Committee, Member (2016 – 2021), Chair (2020 – 2021)  
NCTM Professional Development Group, Member (2019 – Present)  
NCTM Program Committee, 2019 Annual Meeting Chair (2016 – 2019)  
College Board AP Calculus Test Development Committee (2020 – Present)  
College Board AP Calculus Reader/Leader (2010 – Present)  
UC/CSU Mathematics Diagnostic Testing Project, Work Group Member (2016 – Present)

#### Publications and Honors

*Calculus for AP*, Teacher's Edition, 1st Edition, Kokoska, Stewart. Cengage Publication, 2019.  
"The Shortest Enclosure of Two Connected Regions in a Corner," Hruska, Shay, etc. Rocky Mountain Journal of Mathematics, Volume 31, Number 1, 2001.  
2021 and 2016 Edith May Sliffe Award for Distinguished Mathematics Teaching  
2017, 2016, and 2013 Park City Math Institute Teacher Leadership Program  
2014 MIT Science and Engineering Program for Teachers Attendee  
2014 MIT Inspirational Teacher  
2014 and 2004 Joseph B. Whitehead Educator of Distinction Award  
2013 Summa Education STEM Teacher of the Year  
2012 George Polya Memorial Award, California Mathematics Council  
2009 San Dieguito Union High School District Teacher of the Year  
2009 Canyon Crest Academy Teacher of the Year  
2009 Greater San Diego Math Council's Outstanding High School Math Teacher  
2008 Fulbright-Hays Scholar in India