

Scott Annin

Curriculum Vitae

Mathematics Department
California State University, Fullerton
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(657) 278 – 7678

Education

- Ph.D., **University of California, Berkeley** (Mathematics), (2002)
Advisor: Tsit-Yuen Lam
- B.S., University of Nebraska, Lincoln (Mathematics), highest distinction (1995)
- B.S., University of Nebraska, Lincoln (Physics), highest distinction (1995)

Awards and Honors

- 2015 Outstanding Professor, top faculty award on campus, awarded to one faculty member annually at Cal State Fullerton (2015)
- 2014–15 and 2015–16 Winner of the Distinguished Faculty Member Award for the College of Natural Sciences and Mathematics, awarded once every two years to one faculty member in the College of Natural Sciences and Mathematics, Cal State Fullerton (2015)
- Outstanding Service Award, Cal State Fullerton (2015, 2006)
- Outstanding Teacher and Scholar Award, Cal State Fullerton (2014, 2008, 2005)
- Outstanding Scholarly and Creative Activity Award, Cal State Fullerton (2013, 2010, 2007)
- 2012 Winner of the College of Natural Sciences and Mathematics Dean’s Award for Outstanding Contributions to Student Success, Cal State Fullerton (2012)
- Promotion to Professor, Cal State Fullerton (2011)
- 2009 Winner of a national teaching award: the Mathematical Association of America’s Henry L. Alder Award for Distinguished Teaching by a Beginning Faculty Member, awarded annually to 2–3 early-career mathematics faculty nationwide (2009)
- “Pi Day” Award from the Cal State Fullerton Math Club (2009)
- 2008 Winner of the campus-wide Carol Barnes Excellence in Teaching Award, awarded to one faculty member annually at Cal State Fullerton (2008)
- 2007 Winner of the College of Natural Sciences and Mathematics Dean’s Award for Outstanding Teaching, Cal State Fullerton (2007)
- Promotion to Associate Professor – two years early, Cal State Fullerton (2006)
- Nikki Kose Memorial Teaching Prize, U.C. Berkeley (2002, 1999)
- U.C. Berkeley Mathematics Department Research Fellowship (2001, 1999)
- Outstanding Graduate Student Instructor Award, U.C. Berkeley (1997)
- Member of University of Nebraska’s Putnam Team, 10th place finish (1994)
- Barry M. Goldwater Scholarship — national award recipient (1993–1995)

Research Areas

Ph.D. Area: Noncommutative Ring Theory

Dissertation: **Associated and Attached Primes Over Noncommutative Rings**

Others: Mathematics Education, Group Theory, Semigroup Theory

Publications (available upon request) Student co-authors are underlined.

- **Book:** “A Gentle Introduction to the American Invitational Mathematics Exam”, MAA Press, Washington, DC, 398 pages, (2015).
- **Book:** “Differential Equations and Linear Algebra”, (with S. Goode), Pearson Education, Upper Saddle River, NJ, *fourth edition*, 864 pages, (2015).
- “Economical generating sets for the symmetric and alternating groups consisting of cycles of a fixed length” (with J. Maglione), *Journal of Algebra and its Applications*, Vol. 11, No. 6 (2012), 1250110–8 pages.
- “Does a Statement of Whether Order Matters in Counting Problems Affect Students’ Strategies?” (with T. Cadwallader Olsker, N. Engelke, and A. Henning), *Proceedings of the 15th Annual Conference on Research in Undergraduate Mathematics Education*, 2012, Portland, OR, p. 17–23.
- “On k th roots in the symmetric inverse monoid” (with T. Cannon, C. Hernandez, and L. Torres), *Pi Mu Epsilon Journal*, Spring 2012, p. 321–331.
- “Attached primes under skew polynomial extensions”, *Journal of Algebra and its Applications*, Vol.10, No. 3 (2011), p. 537–547.
- “Common Errors in Counting Problems” (with K. Lai), *Mathematics Teacher*, Vol. 103, No. 6 (2010), p. 403–409.
- “On k th roots in the symmetric and alternating groups” (with T. Jansen and C. Smith), *Pi Mu Epsilon Journal*, Vol. 12, No. 10 (2009), p. 581–589.
- “Attached primes over noncommutative rings”, *Journal of Pure and Applied Algebra*, Vol. 212, No. 3, (2008), p. 510–521.
- **Instructor’s Solution Manual:** To accompany “Differential Equations and Linear Algebra” (with S. Goode), Pearson Education, on-line supplement, 921 pages, (2008).
- **Book:** “Differential Equations and Linear Algebra” (with S. Goode), Pearson Education, Upper Saddle River, NJ, *third edition*, 804 pages, (2007).
- “Co-uniform dimension over skew polynomial rings”, *Communications in Algebra*, Vol. 33, No. 4 (2005), p. 1195–1204.
- “Associated primes over Ore Extension rings”, *Journal of Algebra and its Applications*, Vol. 3, No. 2 (2004), p. 193–205.
- “Associated primes over skew polynomial rings”, *Communications in Algebra*, Vol. 30, No. 5 (2002), p. 2511–2528.
- “Hierarchy of efficient generators of the symmetric inverse monoid”, *Semigroup Forum*, Vol. 54, No. 3 (1997), p. 327–355.
- “Research questions for undergraduates on triple products in finite groups”, *PRIMUS*, Vol. 6, No. 1 (1996), p. 1–7.

Preprints (available upon request) Student co-authors are underlined.

- “Stars with 1,000 points” (with S. Davis), *Mathematics Teaching in the Middle School*, in preparation.
- “A relation involving Fibonacci and Lucas numbers: a combinatorial proof” (with B. Brzycki), in preparation

Grants

- Co-Director (with A. Pineda) on Graduate Readiness and Access in Mathematics (National Science Foundation grant, \$600,146, co-funded through the Division of Mathematical Sciences, the Office of Multidisciplinary Activities, the Division of Human Resource Development, and the Division of Undergraduate Education, 2015–2020)
- Faculty Partner on CSU-Alliance for Preparing Undergraduates through Mentoring towards PhDs Grant (funded: \$1,500,000 for 2013–2018)
- Co-PI (2011–2013) on Phase II of a Native American-based Mathematics Materials NSF Grant in TUES program: Transforming Undergraduate Education in STEM (funded: \$499,961 for 2011–2015)
- Cal State Fullerton Intramural Grant Recipient: “Center for Access to Research in Mathematics” (funded: \$7,000 in 2011)
- Faculty Partner on Teachers Assisting Students to Excel in Learning Mathematics Phase II (TASEL-M2) Grant (funded: \$2,094,045 for 2009–2012)
- PI for BYU Center for Undergraduate Research in Mathematics (CURM) NSF Grant: “Semigroup Theory” (funded: \$13,250 in 2009)
- Cal State Fullerton Faculty Enhancement and Instructional Development Grant: “Techniques in Problem Solving” (not funded in 2004)
- Cal State Fullerton Intramural Grant Recipient: “Investigation in Probabilistic Group Theory” (funded: \$4,167 in 2003)

Teaching Experience

- Professor at Cal State Fullerton (2011–)
 - ◊ **Courses:** Business Calculus, Single-variable Calculus, Multivariate Calculus, Linear Algebra, Differential Equations, Strategies of Proof, Abstract Algebra, Discrete Math, Real Analysis, Complex Analysis, Combinatorics, Number Theory, Topology, Independent Studies/Student Research
 - ◊ **New Course Developed (2015):** Problem-Solving Across Mathematical Concentrations
- Associate Professor at Cal State Fullerton (2006 – 2011)
- Assistant Professor at Cal State Fullerton (2002 – 2006)
- Academic advisor for more than 100 mathematics majors at Cal State Fullerton (2002–)
- Supervisor for Single-subject (math) credential program candidates at Cal State Fullerton (2005–)
 - ◊ **Students Supervised:** Ryan Kile (2005–2006), Lina Phan (2006–2007), Jason Yang (2007), Thao Bui (2009–2010), Sarah Cho (2010), Salvador Estrada (2011–2012), Gustavo Rodriguez (2014–2015)
- Visiting Professor at the University of Nebraska, Lincoln (Summer 2004 and 2005)
- U.C. Berkeley Summer Instructor (1997–2002)
- U.C. Berkeley Teaching Assistant for 10 semesters (1995–2002)
 - ◊ Attended math department training course for teaching assistants (1995)

Research Students

- **Bryan Brzycki** (Troy High school student), 2013–: *A relation involving Fibonacci and Lucas numbers: a combinatorial proof* (in progress).
- **Ulysses Alvarez** (Cal State Fullerton math major and participant in the Louis Stokes Alliance for Minority Participation program), 2013–: *On k^{th} roots in the semigroup of partial order-preserving injections on $\{1, 2, \dots, n\}$* (in progress).
- **Ivan Espinosa** (Cal State Fullerton math and computer science major and participant in the Louis Stokes Alliance for Minority Participation program), 2012–2013: *On stability of M&m sequences*.
- **Nicholas Blackford, Daniel Lenders, and Danny Orton** (Cal State Fullerton math majors), 2011–2013: *An inverse-based analogue of the probability that two elements in a finite group commute*, published in Cal State Fullerton's 2012 Dimensions.
- **Amanda Henning** (Cal State Fullerton math Masters in teaching student), 2011: *Does a Statement of Whether Order Matters in Counting Problems Affect Students' Strategies?* (joint work with T. Cadwallers and N. Engelke), published in the Proceedings of the 15th Annual Conference on Research in Undergraduate Mathematics Education (2012).
- **Josh Maglione** (Cal State Fullerton math major), 2009–2011: *Economical generating sets for the symmetric and alternating groups consisting of cycles of a fixed length*, published in Cal State Fullerton's 2011 Dimensions and published in the Journal of Algebra and its Applications (2012).
- **Jairo Aguayo** (Cal State Fullerton Masters and credential student), 2009–2011: *Relations involving Fibonacci numbers*, published in Cal State Fullerton's 2010 Dimensions.
- **Troy Cannon, Carlos Hernandez, and Luis Torres** (Cal State Fullerton math majors), 2008–2011: *On k^{th} roots in the symmetric inverse monoid*, published in Cal State Fullerton's 2010 Dimensions and published in the Pi Mu Epsilon Journal (2011).
- **Kevin Lai** (U.C. Davis graduate student), 2008–2010: *Common Errors in Counting Problems*, published in Mathematics Teacher (2010).
- **Alfredo Martinez** (Cal State Fullerton math major), 2007: *Math and Dominoes*
- **Michael Martinez** (Research Experiences for Undergraduates Project), 2006–2007: *When the zero-divisors form an ideal, based on the zero-divisor graph*, published in Cal State Fullerton's 2007 Dimensions.
- **Trenton Jansen** (high school student), 2006–2007 : *On k^{th} roots in the symmetric and alternating groups*, published in Pi Mu Epsilon Journal (joint with C. Smith) in 2009, and in the 2006 Proceedings of the National Conference on Undergraduate Research.
- **Camden Jansen** (high school student), 2003–2005: *Rootless matrices*, published in the 2004 Proceedings of the National Conference on Undergraduate Research.
- **Chad Smith** (Cal State Fullerton honors thesis student), 2004–2005: *On k^{th} roots in the symmetric and alternating groups*, published in Pi Mu Epsilon Journal (joint with T. Jansen) in 2009.
- **Jorge Ramirez** (Cal State Fullerton McNair Scholar), 2003–2004: *Triple products in symmetric groups*, published in Cal State Fullerton's 2004 Dimensions.

Student Awards and Honors (These students were mentored /recommended by Dr. Annin.)

- 2015
 - ◇ **Joseph Chavoya**, Stiel Prize for Excellence in Mathematics (top math student)
 - ◇ **Shiline Nguyen**, Distinguished Service to Department or University Award
- 2014
 - ◇ **Danny Orton**, Stiel Prize for Excellence in Mathematics (top math student)
 - ◇ **Kristy Haffner**, Distinguished Service to Department or University Award
 - ◇ **Rebecca Etnre**, Distinguished Service to Department or University Award
 - ◇ **Joseph Chavoya**, Russell V. and Betty L. Benson Scholarship for Undergraduate Mathematics: full tuition/fee coverage
- 2013
 - ◇ **Daniel Lenders and Danny Orton**, Prize-Winning Poster at the AMS/MAA Joint Meetings
 - ◇ **Leila Sayyadi**, Brandon Nghi Tran Memorial Scholarship
 - ◇ **Ivan Espinosa**, Special Recognition for Undergraduate Research
 - ◇ **Adelina Kaye**, Distinguished Service to Department or University Award
 - ◇ **Daniel Lenders**, Distinguished Service to Department or University Award
- 2012
 - ◇ **Ivan Espinosa, Kevin Negron, and Nicholas Salinas**, Alliance Scholar selectees in National Alliance for Doctoral Studies in the Mathematical Sciences
 - ◇ **Eden Ellis**, Distinguished Service to Department or University Award
 - ◇ **Benson Wu**, Distinguished Service to Department or University Award
 - ◇ **Nicholas Blackford**, Special Recognition for Undergraduate Research
 - ◇ **Daniel Lenders**, Special Recognition for Undergraduate Research
 - ◇ **Danny Orton**, Special Recognition for Undergraduate Research
 - ◇ **Nicholas Blackford, Daniel Lenders, and Danny Orton**, 3rd place in the Cal State Fullerton College of NSM Symposium student poster competition
 - ◇ **Nicholas Blackford, Daniel Lenders, and Danny Orton**, 1st place in the 2012 MAA Spring Meeting student poster competition (junior/senior level)
 - ◇ **Ivan Espinosa**, 2nd place in the 2012 MAA Spring Meeting student poster competition (junior/senior level)
- 2011
 - ◇ **Beena Ajmera**, National Science Foundation Graduate Research Fellowship
 - ◇ **Adelina Kaye**, Alliance Scholar selectee in National Alliance for Doctoral Studies in the Mathematical Sciences
 - ◇ **Anne Calder**, Distinguished Service to Department or University Award
 - ◇ **Shannon Muramoto**, Distinguished Service to Department or University Award
 - ◇ **Nicholas Blackford**, Brandon Nghi Tran Memorial Scholarship
 - ◇ **Thanh Diep**, California Math Council Secondary Education Scholarship
 - ◇ **Josh Maglione**, U.C. Riverside Ph.D. program's Chancellor's Fellowship Award
 - ◇ **Josh Maglione**, Stiel Prize for Excellence in Mathematics (top math student)
 - ◇ **Carlos Hernandez**, Math for America credential/Masters program selectee
 - ◇ **Carlos Hernandez**, Stiel Prize for Excellence in Mathematics (top math student)
 - ◇ **Troy Cannon**, Special Recognition for Undergraduate Research
 - ◇ **Luis Torres**, 2011 Winner of the all-CSUF Outstanding Senior Thesis Project for the University Honors Program
 - ◇ **Luis Torres**, Special Recognition for Undergraduate Research

Student Awards and Honors (continued)

- ◇ **Troy Cannon, Carlos Hernandez, and Luis Torres**, 3rd place in CSUF Student Research Competition; Finalists in the CSU-wide competition at CSU Fresno
- ◇ **Brian Norris**, Special Recognition for Mathematical Problem Solving – Putnam
- ◇ **Charlie Conley**, Special Recognition for Mathematical Problem Solving – Putnam
- 2010
 - ◇ **Carol Kempiak**, Distinguished Service to Department or University Award
 - ◇ **Kristen Cunanan**, Distinguished Service to Department or University Award
 - ◇ **Jeffrey Reeder**, California Math Council Secondary Education Scholarship
 - ◇ **Josh Maglione**, Brandon Nghi Tran Memorial Scholarship
 - ◇ **Josh Maglione**, Special Recognition for Undergraduate Research
 - ◇ **Josh Maglione**, Prize-Winning Poster at the AMS/MAA Joint Meetings¹
 - ◇ **Jairo Aguayo**, 2nd place in the Cal State Fullerton College of NSM Symposium student poster competition
 - ◇ **Carlos Hernandez**, Special Recognition for Undergraduate Research
 - ◇ **Troy Cannon, Carlos Hernandez, and Luis Torres**, 3rd place in the Cal State Fullerton College of NSM Symposium student poster competition
 - ◇ **Brian Norris**, Special Recognition for Mathematical Problem Solving – Putnam
- 2009
 - ◇ **Joaquin Alvarado**, Distinguished Service to Department or University Award
 - ◇ **Zachary Brown**, Distinguished Service to Department or University Award
- 2008
 - ◇ **Jamie Jenson**, Distinguished Service to Department or University Award
- 2007
 - ◇ **Michael Martinez**, Special Recognition for Undergraduate Research
 - ◇ **Michael Martinez**, Stiel Prize for Excellence in Mathematics (top math student)
 - ◇ **Michael Martinez**, Teaching fellowship: Ph.D. program at University of Colorado
 - ◇ **Michael Martinez**, Finalist in the CSU Student Research Competition at CSULB
- 2006
 - ◇ **Jeff Zeilenga**, Distinguished Service to Department or University Award
- 2005
 - ◇ **Chad Smith**, Outstanding Mathematics Scholar Award
 - ◇ **Chad Smith**, Special Recognition for Undergraduate Research
 - ◇ **Chad Smith**, Brandon Nghi Tran Memorial Scholarship
 - ◇ **Chad Smith**, Completion of Cal State Fullerton Honors Thesis
- 2004
 - ◇ **Keith Gallagher**, California Math Council Secondary Education Scholarship

Professional Affiliations

- Mathematical Association of America
- National Council of Teachers of Mathematics
- Board of Directors for the Southern California Conferences for Undergraduate Research
- California Mathematics Council

¹National meeting of the American Mathematical Society and Mathematical Association of America, which includes a student poster session

Selected Invited Talks

- “Supervising Undergraduate Research” (panel member), *Pacific Coast Undergraduate Math Conference*, Thousand Oaks, CA (2015)
- “Careers in Math” (panel member), *Field of Dreams Conference*, Phoenix, AZ (2013)
- “Fibonacci Numbers and 1,000-pointed Stars”, *National Council of Teachers of Mathematics Annual Meeting*, Denver, CO (2013)
- “Mathematics and Mountaintops”, *Mathematical Association of America Section Meeting Address*, Fullerton, CA (2012)
- “Cyber Pickpockets!”, *Johns Hopkins Center for Talented Youth Day*, Fullerton, CA (2012), *Cal State Fullerton Dean’s Colleagues Colloquium*, Fullerton, CA (2007), *California Math Council for Community Colleges: South Meeting*, Irvine, CA (2008), and *Mount San Antonio Math Club*, Walnut, CA (2009)
- “Algebra Gems in Recent Putnams”, “Using Group Theory to Count Things”, “How to Identify the Easiest Putnam Problems....and then SOLVE them!!!” and several others, *Cal State Fullerton Problem-Solving Seminar* (2002–2013)
- “How a Gradual Release of Responsibility Model helps Teachers Assist Students to Excel in Learning Mathematics”, *University of Nebraska Colloquium*, Lincoln, NE (2011)
- “Math Clubs Help Students Identify the Core of Problem Solving”, *California Math Council, South Meeting*, Palm Springs, CA (2011)
- “Instructional Perspectives on Combinations and Permutations”, *National Council of Teachers of Mathematics Annual Meeting*, Indianapolis, IN (2011) and *Association of Mathematics Teacher Educators Conference*, Anaheim, CA (2011)
- “What’s the Probability that Two Elements of a Finite Group Commute”, *Fullerton College Math Colloquium*, Fullerton, CA (2011)
- “Why Teachers Need to Understand the Mathematics Behind the Quadratic Equation” and “The Power of Group Work in the Mathematics Classroom”, *Strategies Workshops for the Garden Grove Unified School District*, Garden Grove, CA (2010–2011)
- “American Mathematics Competitions” workshop leader, *California Math Council, South Meeting*, Palm Springs, CA (2003–2010) and *California Math Council for Community Colleges: Conference on Recreational Mathematics*, Stateline, NV (2007–2010)
- “The Art of Having Good Questions”, *Math Fest*, Portland, OR (2009)
- “The Root of the Matter”, et. al., *Chapman University Workshop for the American Invitational Math Exam*, Orange, CA (2003–2009)
- “How to get a Good Night’s Sleep (Cure for Mathematical Insomniacs)”, *University of Nebraska-Omaha Colloquium*, Omaha, NE (2008)
- “Fractal Fun-damentals”, *Young Black Scholars Program at Cal State Fullerton* and *Fullerton College Math Club Talk*, Fullerton, CA (2007 and 2003)
- “Associated Primes over Skew Polynomial Rings”, *Hawaii International Conference on Statistics, Mathematics, and Related Fields*, Honolulu, HI (2007) and *St. Louis Algebra Seminar*, St. Louis, MO (2006)
- “Engaging Students in the American Mathematics Exams: A Recipe for Fun!”, *National Council of Teachers of Mathematics Annual Meeting*, St. Louis, MO (2006)
- “How to do Linear Algebra over a Noncommutative Field”, *Cal State Fullerton Math Department Colloquium* (2005)
- “Attached Primes over Noncommutative Rings”, *Hawaii International Conference on Statistics, Mathematics, and Related Fields*, Honolulu, HI (2004)
- “Rootless Matrices”, *Cal State Long Beach Math Colloquium*, Long Beach, CA (2003)
- “Associated primes in skew polynomial rings”, *UCB/UCSB Algebra Conference*, Berkeley, CA (2002) and *XXVI Ohio-State/Denison Math Conference*, Columbus, OH (2002)

Professional Service – outside Cal State Fullerton

- Co-Director, 2014 Southern California Conference for Undergraduate Research (held at Cal State Fullerton; 1,546 registrants)
- Barry M. Goldwater National Scholarship Selection Committee Member (2014–)
- Mentor, National Alliance for Doctoral Studies in the Mathematical Sciences (2011–)
- Mathematical Association of America’s Problem Book Series Committee Member (2012–)
- Secretary, Southern California Conferences for Undergraduate Research (2011–2013)
- Reviewer for articles submitted to: *Communications in Algebra*, *Journal of Algebra and its Applications*, *Journal of Pure and Applied Algebra*, *Journal of Zhejiang University Science*
- Reviewer for Addison Wesley and Pearson mathematics texts (2004–2006)

Professional Service – Cal State Fullerton

- Mathematics Education Hiring Committee (2014)
- Pure Mathematics Hiring Committee (2006–2007, 2011–2012 (Chair), 2013–2014)
- Course coordinator for Math 250B, Differential Equations and Linear Algebra (2013–)
- Vice Chair and Advisory Board Member, Mathematics Department (2011–)
- Faculty mentor for two assistant professors of mathematics (2011–)
- Mathematics Department Personnel Committee (2010–2011*, 2013–2014 (Chair))
*Included a time-consuming revision to our Department Personnel Document
- Judge for the CSUF Student Research Competition (2011–2013)
- Professional Leaves Committee Member (2011–); Chair (2012–)
- Dean’s Awards Selection Committee Member in the College of Natural Sciences and Mathematics (2007–2008, 2012–2013 (Chair))
- Outstanding Professor Committee Member (2009–2011)
- Commencement Assistant Marshal for the Mathematics Department (2008–)
- Faculty Grievance Panel Member (2007–)
- Credential program interview panel to select credential program candidates (2005–)
- Math Club Advisor, including many regional student-oriented math conferences (2004–)
- Course coordinator for Math 270AB, Discrete Structures (2004–2007)
- Co-coordinator for the Problem Solving Seminar (2003–)
- Academic Advisor for more than 100 mathematics majors (2002–)
- Mathematics Tutoring Center Supervisor (2005)
- Math Department website manager and photographer (2004–2010)
- Discrete Math Series (Math 270AB) Coordinator(2004–2009)
- Curriculum Committee and Advising Committee Member: have facilitated changes to strategies of proof and modern algebra courses (2002–2005)

Computer Skills

- Experience with Unix, LaTeX, HTML, Maple, Mathematica, Matlab, Geometer’s Sketchpad, Geogebra, GAP, Singular, Macaulay2

References

Cal State Fullerton Math Department

- **Martin Bonsangue**, Former CSUF Outstanding Professor Recipient
- **Paul De Land**, Former Chair (2004–2011)
- **Stephen Goode**, Chair (2011–)
- **Margaret Kidd**, Single-Subject Credential Program Supervisor in Mathematics (2005–)
- **David Pagni**, Principal Investigator, TASEL-M2 NSF grant (2009–2012)
- **Angel Pineda**, Co-Director, Graduate Readiness and Access in Mathematics (GRAM) National Science Foundation Program, \$600,146 (2015–2020)
- **Bogdan Suceava**, Director, Fullerton Mathematical Circle

External Peers outside of Cal State Fullerton Math Department

- **Elizabeth Ambos**, Council on Undergraduate Research (Washington, D.C.)
- **Mareike Claassen**, Chair, Engineering Department at Fullerton College (Fullerton, CA)
- **Michael Dorff**, Director, Center for Undergraduate Research in Mathematics (CURM), Brigham Young University (Provo, UT)
- **Steve Dunbar**, National Director of the American Mathematics Competitions Program, Mathematical Association of America and the University of Nebraska (Lincoln, NE)
- **Frank Ewers**, Former President of Southern California Conference for Undergraduate Research (SCCUR), California Polytechnic Institute (Pomona, CA)
- **Bill Hoffman**, Pearson Education, senior editor overseeing publication of *Differential Equations and Linear Algebra* textbook (Upper Saddle River, NJ)
- **Robert Koch**, Former Acting Dean of College of Natural Sciences and Mathematics at Cal State Fullerton (Fullerton, CA)
- **Tsit-Yuen Lam**, Ph.D. Dissertation Supervisor, University of California (Berkeley, CA)
- **Steven Murray**, Former Dean of College of Natural Sciences and Mathematics and Vice-President for Academic Affairs at Cal State Fullerton (Fullerton, CA)
- **Will Murray**, Research colleague, California State University (Long Beach, CA)
- **Helena Noronha**, Director, CSU-Alliance for Preparing Undergraduates for Mathematics Ph.D.s (PUMP), Cal State Northridge (Northridge, CA)
- **Binod Tiwari**, Co-Director, 2014 Southern California Conference for Undergraduate Research (SCCUR), Cal State Fullerton (Fullerton, CA)

Courses Taught

- **Math 135: Business Calculus**
 - ◊ Spring 2009, Fall 2010, Fall 2011
- **Math 150A: First-Semester Engineering Calculus**
 - ◊ Fall 2004, Spring 2006
- **Math 150B: Second-Semester Engineering Calculus**
 - ◊ Fall 2002
- **Math 250A: Multivariable Calculus**
 - ◊ Fall 2005, Spring 2008
- **Math 250B: Differential Equations and Linear Algebra**
 - ◊ Spring 2004, Spring 2005, Fall 2006, Spring 2007, Fall 2007, Fall 2009, Spring 2010, Spring 2011, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Spring 2015
- **Math 270A: Discrete Structures**
 - ◊ Fall 2003
- **Math 280: Strategies of Proof**
 - ◊ Spring 2003
- **Math 281*: Problem Solving Across Mathematical Concentrations**
 - ◊ Spring 2015
- **Math 302: Modern Algebra**
 - ◊ Spring 2003, Fall 2009
- **Math 307: Linear Algebra**
 - ◊ Fall 2002, Fall 2007, Spring 2013, Spring 2014
- **Math 350: Advanced Calculus**
 - ◊ Fall 2003, Spring 2006, Fall 2010, Fall 2013
- **Math 407: Abstract Algebra**
 - ◊ Spring 2004, Spring 2007, Spring 2011, Spring 2012
- **Math 412: Complex Analysis**
 - ◊ Spring 2009
- **Math 414: Topology**
 - ◊ Fall 2005, Fall 2012
- **Math 430: Number Theory**
 - ◊ Spring 2005, Spring 2008, Spring 2015
- **Math 471: Combinatorics**
 - ◊ Fall 2004, Fall 2006, Fall 2011, Fall 2014
- **Math 497: Undergraduate Research**
 - ◊ Many students from 2004–2013
- **Math 499: Independent Study**
 - ◊ Many students from 2003–2012
- **Math Ed 449I and 449E: Internship/Externship in Secondary Teaching**
 - ◊ Many students from 2005–2012
- **Honors 497: Honors Thesis Supervision**
 - ◊ Fall 2004 and Spring 2005: Chad Smith
 - ◊ Fall 2010 and Spring 2011: Luis Torres

* Math 281 is a new course that Dr. Pineda and Dr. Annin have developed as an ancillary component to our 2014–2019 National Science Foundation grant “Graduate Readiness and Access in Mathematics”