



Painted by Jennifer Huggins

SADDLEBACK COLLEGE SCIENCES BUILDING

Grand Opening Celebration

THURSDAY, SEPTEMBER 29, 2016

SADDLEBACK COLLEGE SCIENCES BUILDING

Grand Opening Celebration

“THE STAR-SPANGLED BANNER”

SADDLEBACK COLLEGE CHAMBER SINGERS

SCOTT FARTHING, DIRECTOR

DR. HEATHER C. ALLEN

SADDLEBACK COLLEGE CLASS OF 1992

DR. TOD A. BURNETT

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SADDLEBACK COLLEGE

DR. JAMES R. WRIGHT

VICE PRESIDENT
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BAHRAM PASHAEE

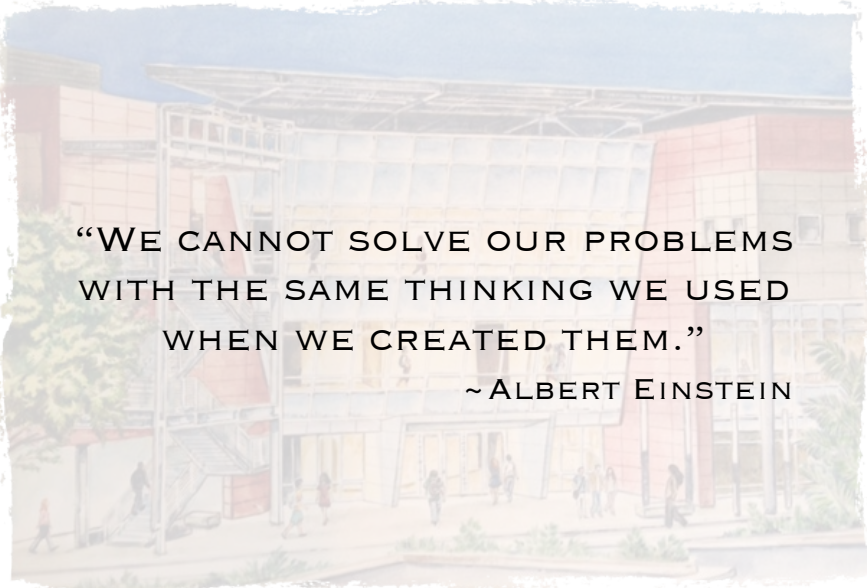
SADDLEBACK COLLEGE STUDENT

STEVE TEH

PROFESSOR OF BIOLOGICAL SCIENCES

DR. TOD A. BURNETT

PRESIDENT
SADDLEBACK COLLEGE



“WE CANNOT SOLVE OUR PROBLEMS
WITH THE SAME THINKING WE USED
WHEN WE CREATED THEM.”

~ ALBERT EINSTEIN

DR. HEATHER C. ALLEN
SADDLEBACK COLLEGE CLASS OF 1992

Professor Heather C. Allen, a native of Southern California, attended Saddleback College from 1989-1992, completing much of her undergraduate science and general education coursework before transferring to the University of California, Irvine in 1992. After her second year at Saddleback, she focused on the sciences, targeting chemistry as her major, winning a Saddleback College Science Scholarship Award to continue advancement toward her chemistry degree. She credits her professors, and the time she spent at Saddleback, as the foundation for her success as a scientist.

Professor Allen received her B.S. degree in Chemistry in 1993, and Ph.D. in Physical Chemistry in 1997 at the University of California Irvine working with Nobel Laureate F. S. Rowland, and Professors D. Blake, J. Hemminger, and B. Finlayson-Pitts. She continued her postdoctoral studies in 1997 at the University of Oregon advised by Professor G. L. Richmond.

Following the Saddleback Science Scholarship, as a student and postdoctoral researcher, Professor Allen was also recognized with other scholarships and fellowships: Fannie and John Hertz Fellowship, EPA, NSF Traineeship, and a NOAA Post-Doctoral Fellowship in Climate and Global Change.

Professor Allen began her Professorial career at Ohio State in 2000, and has since been recognized for many research accomplishments: Research Innovation Award from Research Corp., NSF CAREER Award, Beckman Young Investigator Award, Alfred P. Sloan Research Fellow Award, Camille Dreyfus Teacher-Scholar Award, Fellow of the American Association for the Advancement of Science (AAAS), Ohio State Distinguished Scholar Award, and the Alexander von Humboldt Research Award from Germany. In addition, Dr. Allen has been recognized for several mentoring awards over the years including the Ohio State Office of Minority Affairs Mentor Award, an Empowered Woman Award from the City of Columbus, and the American Chemical Society National Award for Encouraging Women into Careers in the Chemical Sciences. She is a Full Professor in the Department of Chemistry and Biochemistry, and in the Department of Pathology. Her research specialization is in molecular organization, ion pairing, and hydration at aqueous interfaces.

DR. TOD A. BURNETT
PRESIDENT
SADDLEBACK COLLEGE

A performance-driven leader with a distinguished career in the public and private sectors, Dr. Tod A. Burnett has served as president of Saddleback College since August 2008 where he leads a comprehensive community college managing a \$150 million annual budget and 1,350 employees that serve over 40,000 students each year from the south Orange County, California region. Saddleback College is one of the nation's preeminent colleges, annually awarding over 5,000 associate degrees and certificates while transferring over 3,800 students to the top four-year colleges and universities throughout the U.S.

Previously, Dr. Burnett served as vice chancellor of the California Community Colleges—the largest higher education system in the world with 113 colleges and over 2.1 million annual students. Dr. Burnett also has the unique distinction of having served full-time positions in the administrations of a U.S. president, California governor, and Los Angeles mayor. Before entering public service full time, Dr. Burnett was a financial and management professional having worked at Union Bank, Metropolitan Life Insurance Company, and two private companies.

Dr. Burnett has a long history of community service, having been awarded and recognized at the national, state, and local levels for his many contributions. Currently he serves on several boards and devotes a great deal of his time and resources to many other community and philanthropic causes. He also teaches part-time for the doctoral program in organizational leadership at Brandman University's Graduate School of Education.

Dr. Burnett holds an education doctorate degree in organizational leadership from Pepperdine University, a Master of Business Administration from the University of Southern California, and a Bachelor of Arts in political science from the University of California, Riverside. Dr. Burnett is a first generation American and college graduate.

DR. JAMES R. WRIGHT
VICE PRESIDENT
SOUTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT
BOARD OF TRUSTEES

Dr. James Wright is the vice president of the South Orange County Community College District Board of Trustees, representing Lake Forest, parts of Irvine, and some unincorporated areas. He brings a wealth of education experience to the board, most recently at Saddleback College where he retired after serving 14 years as the dean of mathematics, science, and engineering, with additional responsibilities as acting dean of health sciences and human services for 15 months.

Prior to Saddleback College, Dr. Wright retired as a colonel in the United States Air Force after 27 years of active duty service including commander of the Air Force Academy Preparatory School, where he oversaw an \$8.5 million budget and increased the prep school's Air Force Academy acceptance rate to 90 percent. His former experience includes teaching chemistry at the U.S. Air Force Academy, director of the McClellan Air Force Base Central Laboratory, and engineer at WasteChem/Flour Daniel.

Dr. Wright earned a Bachelor of Science degree, Master of Science degree, and Ph.D. in chemistry from the University of Idaho. He also completed the Air War College and Industrial College of the Armed Forces and attended Air Command and Staff College for professional training.

DR. DEBRA L. FITZSIMONS
INTERIM CHANCELLOR
SOUTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT

Dr. Debra L. Fitzsimons is interim chancellor of the South Orange County Community College District, which oversees Saddleback College, Irvine Valley College, and the Advanced Technology and Education Park in Tustin.

Previously she was vice chancellor of business services, serving as the district's chief business officer and providing support to the chancellor, college presidents, and board of trustees in the oversight of district and college operations.

Dr. Fitzsimons has over 17 years of higher educational finance experience, having previously served as the vice chancellor of administrative affairs at the University of Hawaii at Hilo, a large and complex campus encompassing over 712 acres, where she functioned as the chief business officer responsible for all financial, human resources, and business matters. She also held positions as vice president for business and finance at Southwestern College, chief business officer at Grossmont College, and executive director of business and financial affairs at Youngstown State University.

Dr. Fitzsimons holds an Ed.D. in educational finance from the University of Pittsburgh, where she was awarded a competitive fellowship from the Lilly Foundation working at the Learning Research and Development Center on educational finance and policy issues. She also holds a Master's in Public Administration from Slippery Rock University and a Bachelor of Arts degree in economics from Pennsylvania State University.

BAHRAM PASHAEI
SADDLEBACK COLLEGE STUDENT

Bahram Pashaei is a second-year student at Saddleback College. He is majoring in biological sciences and plans to transfer to the University of California, Los Angeles, or the University of California, Irvine. He is an active member of Associated Student Government, serving as director of the International and Diversity Student Council.

Bahram has accumulated over 500 hours of volunteer service in the emergency department at both Saddleback Memorial Hospital and the UC Irvine Medical Center. He enjoys playing the guitar and singing at local coffee shops in his limited free time that he never has.

STEVE TEH
PROFESSOR OF BIOLOGICAL SCIENCES
SADDLEBACK COLLEGE

A biology instructor at Saddleback College since 1999, Steve Teh is the college's Professor of the Year, an award that was also bestowed to him in 2007. Additionally, in 2011 he was named Professor of the Year by the college's Veterans Education and Services (VETS) program.

Professor Teh is beloved by his students for his evident passion for teaching biology, and for fostering a family environment in his classroom that cements lasting friendships between students who started the semester as strangers. Indeed, his students love that he always mixes fun into learning, inspiring many to major in biology. These students say that Professor Teh has changed their lives by helping them build confidence to pursue a career in the biological sciences, something they hadn't considered before taking his class. It is his compassion, love for his subject, and encouragement, that make his students say he epitomizes what a professor should be.

Professor Teh attended California State Polytechnic University, Pomona, where he earned two degrees: a Bachelor of Science in zoology, and a Master of Science in biology with emphasis in physiological ecology.

SCIENCE DEMONSTRATIONS

COURTYARD

Automotive Technology
Electric car

Society of American Military Engineers Student Chapter
Internet rover project

Bridge to Engineering
Summer guitar workshop display

FIRST FLOOR

Paleontology, Room 121

The Good Old Days in Orange County:
Displays of fossils found in Orange County and Los Angeles County

Geology, Room 124
Minerals and rocks

Matter from the Earth and from Space:
Displays of meteorites with meteorite classification schemes

Physics and Engineering, Room 126
Demonstrations: magnet in the pipe, jumping ring, Curious George,
Chladni Plates, sanding wave with strobe light, air track

SECOND FLOOR

Anatomy, Room 221
Models, X-rays, and student video projects

Biology, Room 226
Photosynthesis demonstration with oxygen production
and cyclosis (chloroplast movement)

Physiology, Room 227
Electrocardiogram (EKG) demonstration

Microbiology, Room 228
Microbial displays: cellular and molecular biology demonstrations

SECOND FLOOR CORRIDOR

Biology

Biology 3A student project posters
Howard Hughes Medical Institute project posters
Honors Transfer Council of California abstracts

Health Sciences and Human Services
Patient simulation: application of science to 'real life' scenarios

THIRD FLOOR

Chemistry, Room 325
Lab tour

Computer data acquisition: temperature sensors and pH sensors
Gas chromatography instrument demonstration
Lab instrument exhibits

THIRD FLOOR CORRIDOR

Chemistry and Culinary Arts
Molecular gastronomy demonstrations:
synthetic caviar, liquid nitrogen ice cream, and foamed pom molasses
Periodic table cupcakes



SADDLEBACK COLLEGE

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Employer/Employee Relations

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Katherine Meyer-Canales

Part-time Faculty: Jo Ann Merrell, Eric Minassian, Bill Schramm,
Bill Spinella, Mary Tamme, Jennifer Tan

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Full-time Faculty: Monica Friedrich, Jane Horlings, Tony Huntley,
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Abby Sirulnik, Karah Street, Steve Teh

Part-time Faculty: Wayne Chang, Jenny Clark, Matt Doherty,
Dwynne Famalette, Jill Faulkner, Nin Gan, Amanda Gerrard, Charlie Harrison,
David Jahani, Candice Klingbeil, Rebecca Leonardo, Mark Ou, Shatarupa Ray,
Stephanie Reynolds, Bridget Tiffany, Henry Tsai, Nam Vu, Tina Walker

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Part-time Faculty: Rima Abbas, Kathryn Colby, Alan Efron, Juan Fernandez,
Michelle Giron, Mark Hamza, Erin Jansen, Dennis Law, Mona Nassimi,
Fariba Vatandoust, Nathaniel Yamaguchi

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Full-time Faculty: Kalon Morris, Jim Repka

Part-time Faculty: John Conrad, Priya Ganguli, Kevin Nguyen, Jim Schneider

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Chemistry: Jason Allen, Ellura Jiroudek, Bruce Lee, Thu Ha Nguyen

Geology / Marine Science: John Robinson

Physics: Lance Potter

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Robert N. Parsons (1976-1982)
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Dr. James R. Wright (1998-2012)
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Art Nitta (2016-present)

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Lee W. Rhodes
Frank O. Sciarrotta
James F. Thorpe
Peter Tresselt
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Anita Bandekar, Senior Laboratory Technician – Biology
Teresa Bear, Professor of Chemistry
Mike Betzler, Police Operations Lieutenant
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Kevin Masui, Network Systems Administrator
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Larry Mueller, Technology Services Operations Manager
Art Nitta, Dean, Mathematics, Science and Engineering

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Lance Potter, Senior Laboratory Technician – Physics
Judith Ramirez, Lead Custodian
Jim Repka, Professor of Geology
John Robinson, Senior Laboratory Technician – Geology
James Rogers, Assistant Director, Facilities – Capital Outlay Projects
Louis Sessler, Facilities Manager/Energy Projects Manager
Sara Sperazza, Senior Laboratory Technician – Chemistry
Karah Street, Professor of Biology
Steve Teh, Professor of Biology
Jeff Tillotson, Network Technician III
Tyler Weinstein, Locksmith
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Jim Zoval, Professor of Chemistry

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Brandye D'Lena, Executive Director
Facilities Planning/Purchasing/Materials Management
Walt Rice, Director of Facilities Planning
Tere Fluegeman, Executive Director, Public and Government Affairs
Scott Brown, Senior Graphic Designer/Publications Editor

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Dave McGlothlin
Kitchell | Construction Management
Nawar Al Juburi, Karly Embry, Rafael Quezon

ARCHITECTS

Dougherty & Dougherty
Brian Dougherty, Seung Paek

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Israel Dominguez, Director of Economic and Workforce Development
Leslie Humphrey, Director of Outreach and Recruitment
Mark Kruhmin, Video Production Specialist
Jennie McCue, Director of Marketing and Communications
Erin McHenry, Director of Annual Giving and Development Services
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Art Nitta, Dean of Mathematics, Science, and Engineering
Donna Pribyl, Senior Graphic Designer/Publications Editor
Stephanie Reyna, New Media and Marketing Specialist
Dr. Don Rickner, Executive Director, Saddleback College Foundation
Thomas Communications Group, LLC

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Kathleen Lunetto, Professor

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Ricky Alleman
Kiersten Bjerke
Bernice Bonilla
Emma Chassey
Chris Fine
Nadia Fodor
Ariel Gavriiliuc
Eli Goldstein
Mallorie Mauss
Matthew Schurmer
Spencer Zinke

MUSICIANS

Jazz Band

Joey Sellers, Director

Lowden Harrell, Drums

Ethan Kindle, Alto Saxophone

Dan Kwak, Piano

Will Luster, Guitar

Dan Rowe, Baritone Saxophone

Ian Weinholtz, Bass

Strings

Yorgos Kouritas, Director / Violin

Bob Love, Viola

Brett Phillips, Cello

MaryAnn Tucker, Violin

PAINTED RENDITION OF SCIENCES BUILDING

Jennifer Huggins



INVEST IN THE FUTURE

with a Gift to the Sciences
Endowment Fund



Your donation will provide critical resources to fund science scholarships, maintain state-of-the-art programs and facilities, and support faculty needs.

Help Saddleback students receive the best education in the sciences—give today.

www.saddlebackcollegegiving.org/scienceendowment

OUR VISION

Saddleback College will be the first choice of students who seek a dynamic, innovative, and student-centered postsecondary education.

OUR MISSION

Saddleback College enriches its students and the south Orange County community by providing a comprehensive array of high-quality courses and programs that foster student learning and success in the attainment of academic degrees and career technical certificates, transfer to four-year institutions, improvement of basic skills, and lifelong learning.

OUR VALUES

Saddleback College embraces:

COMMITMENT

We commit to fulfilling our mission to serve the south Orange County community.

EXCELLENCE

We dedicate ourselves to excellence in academics, student support, and community service.

COLLEGIALITY

We foster a climate of integrity, honesty, and respect.

SUCCESS

We place our highest priority on student learning and delivering comprehensive support for student success.

PARTNERSHIP

We strive to develop strong and lasting partnerships among students, faculty, staff, and the community.

INNOVATION

We anticipate and welcome change by encouraging innovation and creativity.

ACADEMIC FREEDOM

We endorse academic freedom and the open exchange of ideas.

SUSTAINABILITY

We promote environmental sustainability and use our resources responsibly to reduce our ecological impact.

INCLUSIVENESS

We cultivate equity and diversity by embracing all cultures, ideas, and perspectives.

GLOBAL AWARENESS

We recognize the importance of global awareness and prepare our students to live and work in an increasingly interconnected world.





SOUTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT BOARD OF TRUSTEES

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SADDLEBACK COLLEGE: Dr. Tod A. Burnett, President