

J E F F R E Y G . S M I T H

Objective: Develop and oversee CTE programs that provide students with advanced technical skills, working relationships with industry, and the ability to learn with passion, curiosity, and empathy.

e d u c a t i o n

2008 - 2012 **Saint Mary's College of California** - Moraga, CA **Awarded Spring 2012**
Doctor of Education (Ed.D.) - Dean's Award for Academic Excellence
Dissertation Topic: Instructional Multimedia as a Cognitive Tool

2005 - 2008 **Chapman University** - Walnut Creek, CA **Awarded Spring 2008**
Master of Arts in Education (MAE) - Instructional Technology
Administrative Services Credential - Tier 1 / Industrial Technology Credential

1986 - 1990 **Rochester Institute of Technology (RIT)** - Rochester, NY **Awarded Spring 1990**
College of Imaging Arts & Sciences - Department of Industrial Design (BFA)

1985 **Carnegie Mellon University (CMU)** - Pittsburgh, PA **Completed 1985**
College Preparatory Industrial Design Program

a c a d e m i c c a r e e r

2014 - 2017 **Diablo Valley College (DVC)** - Pleasant Hill, CA **P r o f e s s o r**
Tenured-Track Engineering Technology and Industrial Design Professor
Funded through a NSF grant to develop a new Industrial Design program
Wrote Associate Degree & Articulated UC/CSU Courses / Secured industry partnership with Autodesk, Bose Audio, Columbia & Brita Water

2006 - 2016 **Regional Occupational Program at Alhambra** - Martinez, CA **Engineering Teacher**
Department Chair / Developed project-based & "a-g" curricula
Articulated 3 Unit Engineering & Architecture Curricula with UC/CSU

2013 - 2015 **Alhambra Online Summer School** - Martinez, CA **P r i n c i p a l**
Selected and Implemented a new online "a-g" credit recovery platform
Doubled graduation rates / Hired, trained, and managed all personnel

2012 - 2015 **University of California | Office of the President** - Oakland, CA **Curriculum Specialist**
Department of Education & AFL-CIO Building Trades Pre-Apprenticeship Program
Developed Career & Technical (CTE) Math and Science "a-g" Courses
Ongoing Trainer for Secondary Teachers on Implementation of STEM Courses

2012 - 2014 **Chapman/Brandman University** - Walnut Creek, CA **Associate Professor**
Graduate Instructional Technology (IT) Online Course Instructor
Multimedia Courseware Training for Learning Management Systems

2010 - 2012 **Diablo Valley College (DVC)** - Pleasant Hill, CA **Associate Professor**
Hired to start & coach DVC's first men's lacrosse team / Beat Stanford

p r i v a t e s e c t o r

1991 - 2005 **Brighteyes Design & Manufacturing** - Union City, CA **Founder & President**
Designed furniture systems and seating for Oracle, Yahoo, Kaiser, and Whole Foods
Developed products with Architectural firms including Gensler, HOK and SOM
Trained engineers and factory employees with CNC manufacturing technologies
Managed all operations and budgets / Worked daily with Sales Representatives

1988 - 1990 **Exhibit Group Giltspur** - Pittsburgh, PA / Rochester, NY **Industrial Designer**
Exhibit Designer, AutoCAD Drafter, and Model Maker for clients including BMW, Volkswagen, and MasterCard

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www.brighteyes.com

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articles & publications

- Smith, J. & Suzuki, S. (2015). Embedded blended learning in an algebra classroom: a multimedia capture experiment. *Journal of Computer Assisted Learning*, 31(2) 133-147. DOI: 10.1111/jcal.12083
- MultiCraft Core Curriculum: Building Scaled Structures (2015). "a-g" Subject: Building and Construction Trades & English/Math Sector: Course for UC Office of the President / Building and Construction Trades Department, AFL-CIO
- Chemistry and Environmental Engineering: Water We Doing (2014). "a-g" Subject: Laboratory Science (Chemistry) & CTE Sector: Engineering and Architecture. Course for UC Office of the President / California Department of Education
- Smith, J. & Smith, R. (2012). Screen-capture instructional technology: A cognitive tool for designing a blended multimedia curriculum. *Journal of Educational Computing Research*, 46(3) 207-228. DOI: 10.2190/EC.46.3.a
- Constructing Algebra 2 (2012). "a-g" Industry Sector Pathway: Building and Construction & Career and Residential and Commercial Construction. Course for UC Office of the President / California Department of Education

academic achievements

- Computer-Using Educators (CUE) / eLearning - Speaker** (2014). *Design Thinking: The confluence of a blended learning pedagogy and project-based curriculum*. San Francisco, CA
- Manuscript Reviewer** (2015). Chosen by the Editor-in-Chief of the internationally recognized *Journal of Computers & Education* to analyze and provide feedback for publication consideration.
- University of California Curriculum Institute** (2015). Facilitated "a-g" CTE course development for the California Department of Education & California Partnership Academies. Integrated Building Trades (CTE) with Math and English.
- Manuscript Reviewer** (2014). Chosen by the Editor-in-Chief of the internationally recognized *Journal of Computer Assisted Learning* to analyze and provide feedback for publication consideration.
- Computer-Using Educators (CUE) - Speaker** (2013). *Transferring effective classroom teacher relationships into online learning management systems*. Orange County, CA.
- eLearning Strategies Symposium - Speaker** (2012). *Screen-capture instructional technology: A cognitive tool for blended learning*, California Learning Resource Network. Los Angeles, CA.
- Dean's Award** (2012). Academic excellence award for dissertation research on blended learning. Presented at graduation by the Dean of the Kalmanovitz School of Education, Saint Mary's College of California
- Association of Career and Technical Education (ACTE)** (2011). Awarded best research paper and conference speaker for the science, technology, engineering, and math (STEM) symposium. Saint Louis, Mo.
- Autodesk Teacher Spokesman** (2009). *ITTV Into Tomorrow with Dave Graveline*. Chosen to discuss the integration of instructional technology into the secondary blended classroom. San Francisco, CA.

computer experience

- Analysis:** IBM - (SPSS) Analytical Statistical Package for the Social Sciences / **DataDirector** - Assessment Management
- Instruction:** **Learning Management System** - Desire 2 Learn (D2L), Blackboard, COURSEsites, Haiku, Advanced Academics, Aeries, WebEx
- Engineering:** Autodesk - AutoCAD, Revit Building, 3dsMax, Architectural Desktop, Inventor, Fusion / SolidWorks / HAAS - CNC Manufacturing
- Business:** Microsoft - Excel, Publisher, FrontPage, PowerPoint / C++ / HTML / **Google** - SketchUp / **Intuit** - QuickBooks Pro
- Multimedia:** **Adobe** - Connect, Captivate, Premiere, After Effects, Dreamweaver, Photoshop, InDesign, Illustrator / **Sony** - Vegas Pro

coaching

- 2010 - 2012 **Diablo Valley College - Pleasant Hill, CA** Lacrosse Coach
Head men's lacrosse coach / Established men's first lacrosse team
- 2007 - 2009 **Saint Mary's College of California - Moraga, CA** Lacrosse Coach
Head men's lacrosse coach / Doubled team's winning record
- 1990 - 1991 **University of California - Berkeley, CA** Lacrosse Coach
Assistant men's lacrosse coach and offensive coordinator

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