

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

Objective: Incorporate empirically proven quantitative and qualitative instructional technologies that improve academic achievement while empowering all employees and learners to be successful, knowledgeable, and creative.

education

- 2008 - 2012** **Saint Mary's College of California** - Moraga, CA **Awarded Spring 2012**
Doctor of Education (Ed.D.) - Degree with Honors
2012 Dean's Award for Academic Excellence / Dissertation Topic:
Instructional Multimedia as a Cognitive Tool / Committee Members:
Gary Hoachlander - ConnectEd & Barry Eckhouse - SMC Hybrid MBA Chair
- 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 and Social Science Teaching Credentials
- 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

academic career

- 2014 - 2016** **Diablo Valley College (DVC)** - Pleasant Hill, CA **Assistant Professor**
Funded through a NSF grant to develop a new Industrial Design (I.D.) Program
Co-Wrote Associate Degree & Courses including Product Design, Transportation &
Soft Goods Design / Secured Industry Partners Brita Water & Mountain Hardwear
Engineering, Architecture & Industrial/Product Design Instructor
- 2012 - 2016** **University of California | Office of the President** - Oakland, CA **Curriculum Specialist**
State Superintendent Tom Torlakson & AFL-CIO Pre-Apprenticeship Program
Developed Career & Technical (CTE) Math, Science & Trades "a-g" Courses
Ongoing Trainer for Secondary Teachers on Implementation of STEM Courses
- 2013 - 2015** **Alhambra Online Summer School** - Martinez, CA **Principal**
Selected and Implemented a new online "a-g" credit recovery platform
Doubled graduation rates / Hired, trained, and managed all personnel
- 2006 - 2015** **Regional Occupational Program at Alhambra** - Martinez, CA **Engineering Teacher**
Department Chair / Developed blended project-based curricula
Articulated 3 Unit Engineering & Architecture Curricula with UC/CSU
- 2012 - 2014** **Chapman/Brandman University** - Walnut Creek, CA **Adjunct Professor**
Graduate Instructional Technology (IT) Online Course Instructor
Multimedia Courseware Training for Learning Management Systems

private sector

- 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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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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