

# James R. Hamerly, Ph.D.

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## PROFESSIONAL EXPERIENCE

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### Director of Business Community Relations

*Cal State San Marcos, College of Business Administration, September 2002-date*

Responsible for Senior Experience Program, which matches teams of students to real-life projects submitted by local businesses. Also teach undergraduate and graduate-level courses in Operations Management, Information Technology, Entrepreneurship and Intrapreneurship, Marketing/Customer Analysis, Senior Experience, and selected areas of Quantitative Methods/Mathematics/Statistics. Active participant in Faculty Mentoring Program and serve as faculty advisor to numerous professional student organizations.

### Adjunct Faculty

*University of California San Diego, Extended Studies/College of Business Administration, June 2006-Dec. 2008.*

Teach courses in Business Decision Making, Decision Theory, Pre-MBA - Directed Studies Program and Entrepreneurship.

### Board of Directors

*Kitchen Basics, Inc., March 2001 to date.*

*Allodic Corporation, March 2005 to date.*

*Apeligo Corporation, March 2006 to date.*

*Chairman, Palomar Mountain Planning Organization, June 2004 to date.*

*Vista Chamber of Commerce, June 2008 to date.*

*CleanVenture.org, August 2008 to date.*

### Vice President

*America Online Time Warner, Mountain View, CA and Dulles, VA (January 1999 – September 2001)*

Executive responsible for all browser software development, marketing, and international distribution, as well as the integration of Netscape's browser technology into AOL's core products (CompuServe, AOL, etc.). Reported to the President of AOL Technologies. As an operating line manager responsible for 300 people, developed and taught introductory and middle-level management courses and mentoring programs for all employees of my division.

### Vice President

*Netscape Communications Corporation, Mountain View, CA (June 1997 – January 1999)*

Managed the development of a revolutionary generation of web browser technologies, Gecko™, which became the basis for all new browser development at Netscape as well as mozilla.org. Led development of all browser software development, as well as international marketing and distribution in 80+ languages and over 30 software platforms.

### Co-Founder, President & CEO

*DigitalStyle Corporation, San Diego, CA (June 1995 – June 1997)*

Developed business plan, secured venture-funding, and staffed team of thirty for development, marketing, and sales of graphics software applications for the Web. Developed strategic and marketing relationships with Netscape and Microsoft. Led acquisition by Netscape in June 1997.

### Vice President Engineering

*Pages Software Inc., San Diego, CA (July 1992 - May 1995)*

Led the development of WebPages™, the first WYSIWYG web editor, and Pages by Pages™, a style sheet based word processor and layout program.

## **Deputy Chief Engineer / Remote Site Manager**

*XSoft/Xerox Corporation, San Diego, CA (1985-1992)*

Responsible for planning, development, marketing, and multinational launch of four document product lines. Senior site manager for XSoft's remote location, consisting of 100 employees.

## **Research and Development Manager**

*Webster Research Center/Xerox Corporation, Rochester, NY (1979-1985)*

Managed research activities in distributed electronic publishing, high resolution printing, digital typography, image quality, and image processing. As a line manager, developed and taught courses on patents and inventions.

## **Senior Scientist**

*Webster Research Center/Xerox Corporation, Rochester, NY (1975-1978)*

Developed theoretical and experimental models of image quality for all conventional as well as novel digital imaging systems under development. Gathered and published psychophysical data on image metrics that are still used industry-wide today.

## **Co-Founder/Principal Engineer/Independent Consultant**

*Thermodynamics, Inc. Cleveland, OH (1970-1975)*

Designed, built, and installed custom hybrid digital-analog systems for the sensing and closed-loop control of basic oxygen steel making furnaces.

## **Design Engineer**

*Teradyne, Inc. Boston, MA (1971-1972)*

Designed, built, and installed computer controlled test equipment for the semiconductor and telecommunications industries.

## **Additional teaching experience:**

*Instructor at Carnegie Mellon University while a graduate student, received highest student faculty rating.*

*Instructor at MIT High School Studies Program while at MIT. Assisted in the home schooling of my four children, primarily high school subjects of Calculus, Analytic Geometry and Trigonometry, Physics, Chemistry, Economics, Consumer Mathematics, and Physical Education.*

## **Special skills:**

*Management and application of high technology, experienced in all phases of entrepreneurial startups, from formation through exit strategies. Experienced as an intrapreneur in three major corporations (Xerox, Netscape, and AOL Time Warner). Large scale application software development, open source development business models. Unique ability to link theory to applications through use of real-world practical examples. Consistently receive highest student ratings in my teaching positions.*

## **Professional affiliations:**

*Association for Computing Machinery (ACM)*

*American Marketing Association (AMA)*

*Institute of Electrical and Electronic Engineers (IEEE)*

## **EDUCATION**

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Ph.D. Electrical Engineering/Computer Science, Carnegie Mellon University (1976).

M.S. Electrical Engineering/Computer Science, University of California at Berkeley (1971).

B.S. Electrical Engineering/Computer Science, Massachusetts Institute of Technology (1970).

### *Publications*

Over 50 professional (peer-reviewed) papers and presentations published in various journals, including Journal of the Optical Society of America, Journal of Applied Photographic Engineering, Journal of Photographic Scientists and Engineers, Physics Today, Vision Research.