

Peter Leong, Ph.D.

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EDUCATION

Ph.D.	University of Hawai'i at Manoa (Communication & Information Science) Dissertation: <i>Understanding Interactivity in Online Learning Environments: The Role of Social Presence and Cognitive Absorption in Student Satisfaction with Online Courses.</i>	August 2006
M.Ed.	University of Hawai'i at Manoa (Educational Technology)	May 2001
M.S.	University of Hawai'i at Manoa (Travel Industry Management)	December 1999
B.S.	National University of Singapore (Biology)	June 1989

PROFESSIONAL EXPERIENCE

Assistant Professor in Educational Technology 08/08 – Current

University of Hawai'i, College of Education (COE), Honolulu

- Tenure track, full-time, 9-month instructional faculty with duties to teach undergraduate and graduate educational technology courses, in traditional and distance education modes; advise students in the master's degree program; maintain an active program of research and publications, participate in department, college, university, and community services.

Instructional Designer (Assistant Specialist) 12/03 – 07/08

University of Hawai'i, College of Education (COE), Honolulu

- 11-month faculty position with full-time appointment with the Office of Technology and Distance Programs, which resides within the Dean's Office; locus of tenure with the Department of Educational Technology (ETEC)
- Appointment as Instructional Designer includes primary responsibility of providing faculty with instructional design support with a focus on the design of courses for distance delivery
- Provided project leadership for the statewide teaching certification program coordination, faculty professional development programs, Institute for Teaching Education (ITE) laptop initiative support services, online technology mentoring support and the organization of relevant special events
- Manage a group of graduate students to work with faculty to develop online hybrid courses for statewide distance programs
- Taught seven courses and supervised two successful Master' Plan B projects as well as advising two continuing students.
- Co-authored nine papers that were presented at national and international conferences
- Delivered seven professional presentations or workshops and presented numerous guest lectures
- Participated in an ETEC faculty sub-committee to develop the Online Master's in Educational Technology (OTEC) program.
- Co-developed ETEC 501 *Technology for Distance Students*, developed ETEC 603 *Instructional Design & Development* and co-developed ETEC 687 *Instructional Development Practicum* for online delivery
- Honored with 2007 "Hawaii's Top High-Tech Leader" Award by Pacific Technology Foundation
- Honored with 2007 COE Faculty Senate "Thinking Outside the Box" Award
- Nominated for 2006 COE Faculty Senate "Leadership Award"
- Nominated for 2004 COE Faculty Senate "Teamwork Award" after 1 year

Lecturer (Part-time)

09/01 – 07/08

University of Hawai'i, Department of Educational Technology, College of Education, Honolulu

- Teaching both traditional face-to-face and online courses
- Taught ETEC 442 *Computers in Education* (Fall 2002, Summer 2004, Summer 2006) which was delivered entirely online; and ETEC 649 *Development of Online Courseware* (Fall 2001), a course where students plan, design, and develop online instruction for educational and training settings
- Taught ETEC 414 *Educational Media Technology* face-to-face in Summer 2005.
- Developed and taught ETEC 603 *Instructional Design and Development* as an online course in Fall 2006
- Redesigned and currently teaching ETEC 687 *Instructional Development Practicum* as an online course (Fall 2007)

Faculty Technology Instructor Manager

05/03 – 08/03

University of Hawai'i, College of Education, Honolulu

- Spearheaded the *Summer 2003 Online Course Development Assistance* project to help the faculty at the College of Education with the design and development of online hybrid courses.
- Trained and managed a group of graduate students to work with faculty to develop online hybrid courses for the *Post-Baccalaureate Certification in Secondary Education* and the *Master's in Special Education* programs.

Graduate Assistant

06/02 – 09/03

University of Hawai'i, Department of Educational Technology, College of Education, Honolulu

- Worked on the LEI Aloha (Learning Enhancement through Innovation) project to help with the integration of technology in teaching and learning.
- Developed and taught ETEC 442 *Computers in Education* (Fall 2002) delivered entirely online.
- Served as content expert for the development of learning objects and video on technology integration in education.

Distance Education Specialist (Junior Specialist)

08/01 – 05/02

University of Hawai'i, School of Travel Industry Management, Honolulu

- Coordinated and implemented the *Online Certificate in Travel Industry Management (e-TIM)*, including marketing, web page design, registration, administration, coordination of curriculum, faculty support, assessment of courses and program.
- Developed and taught TIM 603 *Information Technology, E-Commerce & the Travel Industry* (Spring 2002), a hybrid course with 6 in-class laboratory sessions.
- Assisted in the development and implementation of programs for the new Gee Technology Learning Center.

Graduate Assistant

12/99 – 08/01

University of Hawai'i, Department of Educational Technology, College of Education, Honolulu

- Worked on the LEI Aloha (Learning Enhancement through Innovation) project to help the Colleges of Education and Arts & Sciences and the Hawai'i State Department of Education with the integration of technology in teaching and learning.
- Specific responsibilities included assisting in the design and development of workshops and tutorials delivered both face-to-face and online, consulting, one-on-one mentoring, creating and maintaining web resources, collecting and analyzing data.

Wingate Inns International Scholar, Hospitality Mentors Program

07/99 – 08/99

Wingate Inns International Inc., Parsippany, New Jersey

- Served as the project manager for the development of an online multimedia training module to demonstrate Wingate Inns' new electronic distance learning program.
- Spearheaded Wingate Inns' effort to understand its newly created data mart. Helped get the data mart up to speed for data analysis and to make information easily accessible to the end-user.

Research Assistant

07/98 – 05/99

University of Hawai'i, Center for Tourism Policy Studies, Honolulu

- Helped organize the Strategic Tourism Forum that brought together key decision makers of Hawai'i's visitor industry and internationally recognized business and tourism experts to exchange information, experiences, and strategies to reposition Hawai'i's visitor industry for the next century.
- Involved in preparation of the report entitled "Repositioning Hawai'i's Visitor Industry Products" for the Department of Business, Economic Development, and Tourism, Hawai'i Tourism Office, November 1998. Report available online at <http://www.hawaii.gov/tourism/reposit.pdf>
- Was involved in the development of an instructor guide for a course entitled *Emergency Management Principles and Application for Tourism, Hospitality, and Travel Management* for the Federal Emergency Management Agency (FEMA)

Training Manager

10/95 – 06/96

Tourism Management Institute of Singapore, Singapore (Center for Tourism Related Studies Pte Ltd)

- Responsibilities included managing the training function, implementing program design, carrying out instructional writing, marketing the Center's programs and services to target audiences, working closely with the Center Manager in reviewing and developing new training products and services

Senior Training Officer

07/94 – 09/95

Tourism Management Institute of Singapore, Singapore (Center for Tourism Related Studies Pte Ltd)

- Responsibilities included developing training curriculum in travel & travel management subjects, teaching topics in my area of competence

TEACHING

Fall 2008

ETEC 605 CONDUCTING ED TECH RESEARCH

Graduate level course: Application of methodological and statistical concepts to students' own research projects. Formative and summative evaluation, measurements, descriptive and inferential statistics. Revamped course for delivery after not being offered for 5 (?) years.

Fall 2007;

ETEC 687 INSTRUCTIONAL DEVELOPMENT PRACTICUM

Fall 2008;

Graduate level course: Practicum in instructional development and design in

Fall 2009

academic, agency, and private industry settings, under close supervision, plus regular class meetings in seminar format. Redesigned for online delivery.

Fall 2006;

ETEC 603 INSTRUCTIONAL DESIGN & DEVELOPMENT

Spring 2009

Graduate level course: Basic concepts and techniques of instructional design and development, for application to solving instructional problems in real-life situations. Redesigned for online delivery.

- Summer 2005; Spring 2009; **ETEC 414 EDUCATIONAL MEDIA TECHNOLOGY**
Upper division course: Introduction to educational technology theory and practice with an emphasis on meaningful integration of technology and media into a variety of face-to-face and online learning environments.
- Fall 02; Sum 04; Sum 06, Sum 07 **ETEC 442 COMPUTERS IN EDUCATION**
Upper division course: Planning and implementation of technology computer systems and applications for effective integration into classroom settings. Emphasis is on methods and strategies for using digital technologies to enhance standards-based learning by K-12 students. Fully online course.
- Spring 2002 **TIM603 INFORMATION TECHNOLOGY, E-COMMERCE & THE TRAVEL INDUSTRY**
Graduate level course: Planning, implementation, management evaluation and impact of information and electronic communication technologies, including e-commerce applications in the travel industry. Analysis of new information technology use as an area of research and strategic application. Online hybrid with computer lab hands-on.
- Fall 2001 **ETEC 649 DEVELOPMENT OF ONLINE COURSEWARE**
Graduate level course: Planning, design, and development of online instruction for educational and training settings. Implementation of online course elements such as student interaction, course management, testing, and content delivery using an authoring environment such as Web Course Tools or equivalent.

PUBLICATIONS

Refereed Proceedings

- Boulay, R., Fulford, C., & **Leong, P.** (2009, March - Accepted). Responding to depleted budgets by forging new partnerships: Educational Technology connections to Medicine. *Proceedings of the Society for Information Technology & Teacher Education (SITE) International Conference*, Charleston, South Carolina.
- McKimmy, P. & **Leong, P.** (2007). Developing Teachers' Technology Skills in a Laptop Initiative. *Proceedings of the International Association of Science and Technology for Development (IASTED) International Conference on Computers and Advanced Technology in Education (CATE)*. Beijing, China
- Menchaca, M., Hoffman, E., **Leong, P.**, & Eichelberger, A. (2007). Building community, linking islands: A distance learning model from Hawaii (pp. 1-9). C. Ho (ed.), *Proceedings of the Technology, Colleges and Community (TCC) Worldwide Conference Online, 12th Annual Conference*.
- Skouge, J., Tanners, A., & **Leong, P.** (2007). Welcoming Diversity in Distance Education at UH Manoa: The Special Education Department's Journey (pp. 106-115). C. Ho (ed.), *Proceedings of the Technology, Colleges and Community (TCC) Worldwide Conference Online, 12th Annual Conference*.
- Leong, P.**, & McKimmy, P. (2006). Ubiquitous Computing in Hawai'i Teacher Preparation Programs: Faculty Support & Impacts on Teaching. *Proceedings of the Association for the Advancement of Computing in Education's World Conference on Educational Multimedia, Hypermedia & Telecommunications (ED-MEDIA)*. Orlando, Florida.
- McKimmy, P., & **Leong, P.** (2006). A Laptop Initiative in Teacher Preparation – Student Reactions. *Proceedings of the Association for the Advancement of Computing in Education's World Conference on Educational Multimedia, Hypermedia & Telecommunications (ED-MEDIA)*. Orlando, Florida.

Leong, P., Ho, C., & Zhang, S. (2005). Understanding Interactivity in Online Learning Environment: The Role of Social Presence & Cognitive Absorption in Student Satisfaction. *Proceedings of the Association for the Advancement of Computing in Education's World Conference on E-Learning in Corporate, Government., Healthcare, & Higher Education (E-LEARN)*. Vancouver, Canada.

Leong, P., & Ho, C. (2004). Constructivist & Sociocultural Strategies: Theoretical and Practical Implications for Teaching Online. *Proceedings of the International Association of Science and Technology for Development (IASTED) International Conference on Computers and Advanced Technology in Education (CATE)*. Kauai, Hawai'i.

Leong, P., & McKimmy, P. (2004). Time-ly Investment: Analyzing the Process and Time Breakdown of Faculty Assistance to Develop Online Teacher Education Courses. *Proceedings of the International Association of Science and Technology for Development (IASTED) International Conference on Computers and Advanced Technology in Education (CATE)*. Kauai, Hawai'i.

McKimmy, P., & **Leong, P.** (2004). Online in a Hurry: Intensive Technology Orientation for Distance Education Students in Hawai'i Teacher Preparation Programs. *Proceedings of the Association for the Advancement of Computing in Education's World Conference on Educational Multimedia, Hypermedia & Telecommunications (ED-MEDIA)*. Lugano, Switzerland.

Saromines-Ganne, B. & **Leong, P.** (2003). The "Art" of Online Learning: Teaching Visual Art Virtually. *Proceedings of the International Association of Science and Technology for Development (IASTED) International Conference on Computers and Advanced Technology in Education (CATE)*. Rhodes, Greece.

Leong, P., Ho, C., & Saromines-Ganne, B. (2002). An Empirical Investigation of Student Satisfaction with Web-based Courses. *Proceedings of the Association for the Advancement of Computing in Education's World Conference on E-Learning in Corporate, Government., Healthcare, & Higher Education (E-LEARN)*. Montreal, Canada.

Book Chapters

Boulay, R., Fulford, C., & **Leong, P.** (in press). Responding to depleted budgets by forging new partnerships: Educational Technology connections to Medicine. In *Research Highlights in Technology and Teacher Education 2009*. (Also published in the *Proceedings for Society for Information Technology & Teacher Education (SITE) International Conference 2009* -- Best papers selected.)

PROFESSIONAL PRESENTATIONS

Leong, P. (2008). The Role of Social Presence & Cognitive Absorption in Student Satisfaction with Online Learning Environments. *Presented at the American Educational Research Association (AERA) 2008 Annual Meeting*. New York, New York.

Center for Excellence in Learning, Teaching, and Technology, Kapiolani Community College, *Workshop: Online Activities to Engage Learners*, March 19, 2007. Honolulu, Hawai'i

Center for Teaching Excellence, UH Manoa, Creative Technology in the Classroom Series. *Workshop: Instructional Design for E-learning: Primer for Practitioners*, March 2, 2007, Honolulu, Hawai'i

Center for Teaching Excellence, UH Manoa, Creative Technology in the Classroom Series. *Panel Discussion: Teaching Online: Challenges and Successes*, February 20, 2007, Honolulu, Hawai'i.

E-LEARN 2006 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education. *Island Hopping: Distance Delivery at a Unique Public Research Institution*, October 16, 2006. Honolulu, Hawai'i.

Pan-Pacific Distance Learning Association 2006 conference. *Instructional Design for E-learning: Primer for Practitioners*, January 14, 2006. Honolulu, Hawai'i.

Current Initiatives & Issues in Distance Learning - Higher Ed. Panelist for discussion on *Current Distance Learning Challenges and Solutions*. November 10, 2005. Honolulu, Hawai'i

Pan-Pacific Distance Learning Association 2005 conference. *Distance Programs & Preparing Faculty to Teach Online*, April 23, 2005. Honolulu, Hawai'i

PROFESSIONAL & COMMUNITY SERVICE

Professional Service

Pan-Pacific Distance Learning Association (PPDLA), President, 2008
Pan-Pacific Distance Learning Association (PPDLA), President-elect, 2007
Technology, Colleges & Community (TCC) Worldwide Online Conference Editorial Board
Reviewer for 2007 International Conference on Computers and Advanced Technology in Education (CATE)

University Service

Manoa Faculty Senate 2007 – 2009
COE Faculty Senate Diversity Committee – Fall 2006 to current
NCATE Standard 2 Committee
Advisory Committee, “*Preparing Distance Education Leaders in Evidence-based Practices to Serve Multicultural Populations*” grant project
Teacher Education Committee Elementary Education 2006 – 2008
Online Master’s in Educational Technology (OTEC) Committee
Selection Committee, Burniske Memorial Fund Outstanding ETEC Master’s Project
ETEC Master’s Student Idea Paper Review Committee

Community Service

Ma’ili Elementary School “New Again” Computer Lab service project (Nov 7-8, 2008)
IHS Women’s Shelter Community Service Project (July 25-28, 2008)
Unity Church of Hawai’i Christmas Food Distribution for the Homeless
River of Life Mission’s “*Christmas in July*” & “*Walk for Hunger*” fundraisers
River of Life Mission’s Walk for Hunger informational video project
Men’s Leadership Hawai’i’s Camp Anuenue and Mo’okini Heiau service projects
Mo’okini Heiau Interactive Multimedia Educational Website development project

HONORS

2007 Hawaii's Top High-Tech Leader Award
2007 College of Education Faculty Senate "Thinking Outside the Box" Award
Nominated for 2007 COE Distinguished Teacher award by the COE Doctoral Students Association (COEDSA) and COE Student Association (CESA)
Nominated for 2006 College of Education Faculty Senate Leadership Award
Nominated for 2004 College of Education Faculty Senate Teamwork Award
College of Education Scholarship Endowment Award, Spring 2000
Toshiko and Shiro Amioka Scholarship for Excellence and Achievement in Education, Fall 1999
Wingate Inns International Scholar, American Hotel Foundation Hospitality Mentors Program 1999
Outstanding Student in the Master's of Travel Industry Management (TIM), 1999
Eta Sigma Delta, International Hospitality Management Honor Society, 1999

PROFESSIONAL DEVELOPMENT

2009 Resident Director, Florence Summer Study Abroad Program
2008 Leaders for Next Generation Program
2008 Summer Leadership Institute on Disability & Diversity (July 29-31, 2008)