

Luke Fernandez, Ph.D.
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EDUCATION

Ph.D. in Political Science, Cornell University, May 1997.

M.A., Cornell University, January 1994

B.A., Magna Cum Laude, Amherst College, 1987

I.T. INDUSTRY EXPERIENCE

2008 – 2015 **Weber State University**
Manager of Program and Technology Development

-Managed development and maintenance of Chi Tester Online Testing Application

2003 – 2008 **Weber State University**
Assistant Manager of Program and Technology Development

-Same duties and responsibilities as above with more emphasis on coding and development

2001 – 2003 **Weber State University**
Web Programmer

-Coded new version of Chi Tester and migrated Chi to new version.
-Helped institution migrate from home grown CMS to WebCT Vista.
-Integrated Chi Tester with WebCT Vista

March 2000 – Oct 2001 **Campus Pipeline**
Salt Lake City, UT
Technical Writer/ Web Developer

-Authored installation and administration manuals for Luminus product.
-Scribed technical white papers on security, backup and integration issues (including documentation on the precursor to the Luminus Message Broker).
-Created online marketing presentations.

- Developed SIS emulators in Java, Perl and Javascript for interacting with the Campus Pipeline API.
- Created online sysadmin and end-user help files for Campus Pipeline portal site.

**August 99 – March 2000 Southern Utah Wilderness Alliance
Salt Lake City, UT
Systems Administrator**

- Maintained Microsoft NT network.
- Enhanced Perl driven web site.
- Coordinated outsourcing and updating of membership database.
- Provided hardware and software support for all office systems.

**May 98 – May 99 International Data Group
Louisville and Lexington, KY
Programmer**

- Involved in impact analysis, date identification, code conversion and testing of COBOL and PL/I programs for Y2K compliance in Valvoline Information System and Valvoline Order Entry and Inventory System.
- Involved in planning and review of Y2K reports and documentation.
- Modified JCLs, generated test data and tested job steps on IBM 3090. Prepared and implemented testing procedures.

RESEARCH

Book:

Luke Fernandez and Susan Matt, *Bored, Lonely, Angry Stupid: American Feelings and Technology From The Telegraph To Twitter* forthcoming from Harvard University Press in Spring 2019

Grants:

National Endowment for the Humanities Digital Humanities Grant, 2011-2012, \$42,000

Conferences:

Co-chair of DHU4 (The Fourth Annual Utah Digital Humanities Symposium), forthcoming 2019

Articles:

Luke Fernandez, "Should Wi-Fi be Disabled in College Classrooms?" *Educause*, April 2018 (invited article by editors)

Luke Fernandez and David Ferro, "Utah's Silicon Slopes Should Slant To Sociability," *Standard Examiner*, August 2016

Susan J. Matt and Luke Fernandez, "Home Invaders: From the Telegraph to the Internet of Things," in *Home: Concepts, Constructions, and Contexts*, ed. Kathy-Ann Tan and Cecile Sandten (WissenschaftlicherVerlag Trier, WVT, 2016)

Luke Fernandez, "Studying Up: A Review of Alice Marwick's Status Update," *Digital Humanities Quarterly*, Fall 2015

Luke Fernandez, "Sanctuaries for the Mind in the Digital Age: A Conversation With William Powers," *Weber: The Contemporary West*, Fall 2013

Luke Fernandez and Susan Matt, "Before MOOCS Colleges of the Air," *The Chronicle of Higher Education*, April 2013

Luke Fernandez, Scott Rogers, Susan Matt, "Concentrating Class: Learning in the Age of Digital Distractions," *Educause Review Online*, December 2012

"Memories of Privilege and Deprivation in 1970's Spain," *The Contemporary West*, Fall 2011

iPhones Each Day Keep the Instructor OK; Mobility and Place in American Academic Life, *Academic Commons*, June 2010

Apple's AcademiX 2009--the Closing and Opening Of University Minds, *Academic Commons*, April 2009

The Impact of the Open Source Portfolio on Learning and Assessment (with Daren Cambridge et al), *Journal of Online Technology*, December 2008

Moodle and Social Constructionism: Looking for the Individual in the Community, *Academic Commons*, July 2008

Frankenstein in the University, *Campus Technology*, May 2008

"An Antidote for the Faculty-IT Divide" *Educause Quarterly*, vol. 31, no. 1 (January–March 2008)

"I Upload Audio, Therefore I Teach" *Chronicle Review*, January 2007

"Are Collaboration and Learning Environments (CLEs) Tools or Countries?," *Campus Technology*, June 2007

"Code and Composition" Association for Computing Machinery's Ubiquity Magazine, Issue 19 (May 15, 2007 - May 21, 2007)

"Sleepwalking in the University: Combating Educational Somnambulism in the Information Age;" *Educause Quarterly, Peer Review*, Fall 2006

"The Technical is not Political (and other myths)" *Chronicle Review, Chronicle of Higher Education*, June 2005

"Change Management on Campus: Revolution and Counter-revolution" *Educause Quarterly, Issue Number 3, 2005*

"Coordinating a Distance Learning Software Rollout with the Needs and Visions of a Mature Test Organization; Political and Technical Lessons Learned." *Online Assessment and*

Measurement, Volume II: Case studies from higher education, K-12 and Corporate, (Idea Group, Inc, 2005)

"Thomas Hill, Educator," *American National Biography* (Oxford University Press)

Presentations:

A.I. and the History of Design, Guest Lecture in History of Design, Weber State University, Spring 2018

Luke Fernandez and Susan Matt, "Angry, Bored, Lonely, Stupid: American Emotions and Technology," *Utah Digital Humanities Conference*, Logan, UT, February 24, 2018

Susan Matt and Luke Fernandez, "Emotions, Technology, and the American Self," *American Historical Association*, Washington DC, January 7, 2018

Susan Matt and Luke Fernandez, "Loneliness and Technology in America," Seminar for Modern History at the University of Tübingen in Germany, June 2017

Luke Fernandez and Susan Matt, "The History of Boredom, from the Telegraph to Twitter," *Utah Digital Humanities Symposium*, Orem, Utah, February 2016

Luke Fernandez and Susan Matt, "Is the Telegraph Making Us Lonely?" *Theorizing the Web Conference*, Brooklyn, New York, April 2014

Susan Matt and Luke Fernandez, "Home Invasion: Family Life and the Threat of Technology," Poster Session, *Council on Contemporary Families*, Miami, April 2014

Luke Fernandez, Openness: Luke Fernandez interviews Chuck Severance former executive director of the Sakai Project, *Educause 2011*, Philadelphia, October 2011 (invited by Educause Openness Committee)

Luke Fernandez, "Concentration in the Humanities," *N.E.H. Digital Humanities Project Director's Meeting*, Washington D.C., September 2011

Frankenstein in the Information Age: Technology Out of Control, Weber State Library, Feb 2009

"Open and Secure Testing in a Multi-Campus Mixed Learning Environment" National Collegiate Testing Association Conference, Salt Lake City, August 2007

Panelist on Sakai Campus Pilots and Implementations, Sakai Austin Conference, December 2005

"Coordinating a Distance Learning Software Rollout with the Needs and Visions of a Mature Test Organization; Political and Technical Lessons Learned." Syllabus Conference San Francisco, Summer 2004

Luke Fernandez, "Elite Education and the Marginalization of the Civic Arts." *Association for General and Liberal Studies*, October 1996

Luke Fernandez, "Elite Education and the Decline of Civic Republicanism: Teaching Citizenship at Post-Bellum Yale, Princeton and Harvard," *Northeastern Political Science Association Annual Meeting*, November 1996

Teaching at Weber State University

Web Development Courses:

WEB 1400 -- Web Design and Usability (2016-present)

NTM 2532 -- Web Design and Usability (2015-2016)

CS 2350 -- Web Development, (2012-2015)

Other Courses

CS 3810 – The Culture and Politics of Technology, (Fall 2015 – Spring 2016)

CS 4830 – Advanced Topics in Computer Science, (Spring 2014)

IS&T 1100 Wired Society – Multiple Years

Developed and taught two new social science general education and two new honors courses:

WSU 1560 -- *Identity in the Digital Age* (with Julia Panko), Fall 2016, Fall 2017

ETC 2001 -- *Engineering Culture*, Every Semester Since Fall 2016

HNRS 2120B -- *Bored, Lonely, and Stupid: How Americans Have Felt about Technology, From the Telegraph to Twitter*, (with Susan Matt), Spring 2017

HNRS 2050 -- *Sci-Tech World* (with Eric Swedin and David Ferro), Spring 2014

ENGL 3750 -- *Are Machines Making Us Stupid?* (with Scott Rogers and Susan Matt), Spring 2012

Service

Director of Peterson Speaker Series. Planned and Hosted the Following Presentations/Speakers:

Reengineering Humanity, Brett Frischmann, January 2018

The Forging of American Technology and Art, John Kasson, January 2018

The Maintainers, Lee Vinsel, November 2017

The History of Google, Brian McCullough, October 2017

Fake News, What Is It?, Panel Discussion With Brady Brower, Jean Norman, Gary Johnson, Ernesto Hernandez, Luke Fernandez, March 2017

The Ubiquitous Voice Revolution, Ahmed Bouzid, January 2017 (**Assisted David Ferro**)

The Carbon Neutral Campus, Justin Owen, November 2016

Eniac in Action, Thomas Haigh, March 2016 (**Assisted David Ferro**)

Energy Trends, Kip Barrett, March 2016

Wasting Time, Alexis McCrossen, October 2015

The Challenger Disaster, Allan McDonald ,October 2015

Energy Growth in America, Richard Hirsch ,September 2015 (**Assisted David Ferro**)

A Deadly Wandering in Utah, Matt Richtel, March 2015

From Laboratory to Life Panel Discussion, Matt Richtel and David Strayer, March 2015

Creating a Culture to Foster Creativity and Collaboration, Radia Perlman, February 2015

Build Something Better, Mark Ripke, November 2014

Intellectually Right or Intellectually Wrong, Panel Discussion with James Taylor, Patrick Thomas, Andrew Buffmire, John Stringham, November 2014

Free Software and Your Freedom, Richard Stallman, October 2014

Hybrid and Electric Vehicles, John Kelly, February 2014

Is the Internet Watching You?, Panel Discussion with John Mejia, Julie Park, Gary Johnson, Eric Swedin, (Luke Fernandez [moderator]), November 2015

Member of Faculty Textbook Committee, 2016-2017

Member of Dining Services RFP, 2016-2017

Member of Dining Services Advisory Board, 2016-2017

Member of Engaged Learning Series Committee, 2017-Present

Utah Digital Humanities Planning Committee 2015, 2016, 2018

Peer Review Committee Richard Fry, 2017

Peer Review Committee Thomas Bell, 2015

AWARDS

National Endowment for the Humanities Digital Humanities Grant, 2011-2012, \$42,000

Evaluating Alternative Learning Management Systems, Weber State Academic Resources Computing Committee, \$7500

Using eportfolios to promote and assess student progress toward the ends of general education, Weber State Provost's Office, \$4895

Mellon Fellowship, Academic Year, 1994-1995

Mellon Fellowship, Fall, 1992

Amherst Memorial Fellowship, Academic Years, 1989-1990, 1990-1991

Densmore Berry Collins Prize, 1987, prize for best thesis in Amherst College Political Science Department

WHITE PAPERS

Report on Weber State 2008 Summer LMS Pilots; teaching and learning in Blackboard, Moodle, Sakai and Mash-ups, September 8, 2008

Piloting eportfolios: using online technology to assess Weber State University's general education curriculum, March 2007