

Luke Fernandez, Ph.D.
Manager of Program and Technology Development
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ACADEMIC RECORD

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

Dissertation title: "Humanism and the Civic Arts: The Eclipse of Republican Education at Post-bellum Harvard, Princeton, and Yale."

M.A., Cornell University, January 1994

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

AWARDS

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

PUBLICATIONS

"Before MOOCs: Colleges of the Air" *Chronicle of Higher Education*, April 23 2013, with Susan Matt

"Concentrating Class: Learning in the Age of Digital Distractions" *Educause Review*, Dec 10th, 2012, with Susan Matt and Scott Rogers

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)

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

GRANTS AWARDED

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

BLOG

I.T. In the University (<http://itinthuniversity.blogspot.com/>)

PRESENTATIONS

Openness: Luke Fernandez interviews Chuck Severance former executive director of the Sakai Project, Educause 2011, Philadelphia, October 2011

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

In the Moodle, Weber State Wild Cat Room, Winter 2010

Openness in Higher Education, Weber State Union Building, Winter 2010

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, Summer 2004

"*Elite Education and the Marginilization of the Civic Arts.*" Presented October 26, 1996 for the Association for General and Liberal Studies

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

TEACHING

CS 2350, World Wide Web and the Internet, Fall 2012, Spring 2013

ENGL 3750/HIST 4710, Are Machines Making Us Stupid?, Developed and Taught Jointly with Scott Rogers and Susan Matt, Spring 2012

IS&T 1100, The Wired Society, Taught in Spring 2004, Summer 2004, Fall 2005, Spring 2005, Summer 2005, Fall 2006, Spring 2008, Summer 2008, Spring 2010, Summer 2010, Fall 2010, Summer 2011, Fall 2011

HIST 3110, American Ideas and Culture, developed and taught jointly with Susan Matt, Taught in Fall 2003, Summer 2004, Spring 2005

Introduction to American Government, developed and taught at the University of Maine at Machias during Fall 2002-Spring 2003

EXPERIENCE SUMMARY

2008 – Present

**Weber State University
Manager of Program and Technology Development**

Duties and Responsibilities

- 1) Mentored students. Led hiring committees. Managed software development lifecycle for ChiTester. Maintain and enforce Q.A. Managed and maintained ChiTester code base. Managed and maintained development, test, beta and production environments. Participated in gathering needs, and developing ChiTester design. Attended to online testing security issues. Coordinated project and work with offsite programmers. Coded features. Programmed and maintained data, navigational, and session integration pieces between ChiTester, SIS, CMS and portal. Coordinated occasional focus groups to formulate and give direction to future strategy.
- 2) Supervised the staff responsible for proctor administration. Also responsible for performance review, goal setting, and day to day oversight of this sub-team. Also responsible for refining business efficiencies, balancing security and accessibility, and coordinating forums where the university can create coherent and integrated online testing policies. Fostered and promoted staff presentations at national conferences and outreach to other universities. Managed and contained legitimation crisis.
- 3) Developed campus surveys; especially end-of-course evaluations. Provided technologies that helped interpret results.
- 4) Researched new applications and made recommendations to university and to national IT organizations. Prepared and presented demonstrations on testing and learning technology in both on-campus and external settings.
- 5) Participated and taught modules in MOTC. Trained faculty and students in the use of the CMS and our proprietary testing system. Disseminated best practices for online teaching. Taught occasional online courses to directly measure the pulse and needs of online learning. Assisted faculty with development of web based courses: provided orientation to WSU Online systems and training with one-on-one follow up; communicated instructional design ideas among faculty.
- 6) Developed and maintained working relationships with vendors and other schools. Created collaborative intra-university IT opportunities. Technical Sakai lead.
- 7) Piloted emerging online technologies that facilitated the teaching and learning missions of the university and that did so in as sustainable and open a fashion as possible. Tracked emerging technological trends that impacted learning in higher education and reported on these trends to higher education audiences in trade journals and a blog (c.f. itintheuniversity.blogspot.com).
- 8) Wrote and applied for grants that investigated the way that online technology is reshaping teaching and learning.
- 9) Heightened campus awareness of online collaborative technology through campus conversations, forums, pilots, and reading groups.
- 10) Pursued technological initiatives that facilitated program and institutional assessment through the use of eportfolios and ChiTester.

2003 – 2008

**Weber State University
Assistant Manager of Program and Technology Development**

Same duties and responsibilities as above with a lesser emphasis on items 7 through 10.

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 (now Sungard/SCT)
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.

**August 98 – Dec 98 University of Maine at Machias
Machias, Maine
Adjunct Assistant Professor**

Taught Interdisciplinary Studies and American History from 1865 to the Present

**August 98 – Dec 98 University of Maine at Machias (UMM)
Machias, Maine**

Director of History Program Review

Coordinated a ten year review of UMM's history program.

August 89 – Dec 95

**Cornell University
Ithaca, New York
Graduate Instructor**

- Graduate Instructor, Freedom and Justice in the Western Tradition, Cornell, Summer 1996
- Graduate Instructor, Intro. to Political Theory, Cornell University, Summer 1995
- Graduate Instructor, Intro. to Political Theory, Cornell University, Fall 1993
- Graduate Instructor, Intro. to American Government, Cornell University, Spring 1993
- Graduate Instructor, Intro. to Political Theory, Cornell University, Spring 1992
- Graduate Instructor and Guest Lecturer, American Congress, Cornell University, Fall 1991
- Graduate Instructor, Intro. to Political Theory, Cornell University, Summer 1991
- Graduate Instructor, Intro. to American Government, Cornell University, Spring 1991
- Graduate Instructor, Constitutional Politics, Cornell University, Fall 1990
- Graduate Instructor, Civil Liberties, Cornell University, Spring 1990
- Graduate Instructor, Business and Labor Politics, Cornell University, Fall 1989