

Colleen M. Carmean, PhD

Curriculum Vitae

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253-242-3692

EDUCATION

Capella University

Ph.D. in Design for Online Learning 2008

Dissertation: *e-Learning 2.0: Emergence, connected networks and the creation of shared knowledge*

University of Arizona

M.A., Cognitive Science. Discipline: Linguistics 1990

Thesis: *Computational Models for Natural Language Parsing (AI)*

University of Illinois

Bachelor's in Liberal Arts & Sciences 1977

Major: Communications & New Media; Minor: Computer Science

University of Paris, Sorbonne

Certificate in Civilization 1976

Certificate in Civilization

AWARDS & RECOGNITION

University of Tacoma Writing Fellow 2012-2013

Wakonse Teaching Fellow - State of Arizona 2006-2008

Frye Leadership Fellow (International) 2005

Research Fellow: EDUCAUSE NLII-ELI (North America) 2002-2004

TEACHING EXPERIENCE

University of Washington Tacoma

TUNIV 100: **Skills for Digital Learning** 2012-2014

Developed and taught new, competency-based *hybrid and online course*.

TCORE 122: **Introduction to Scientific Literacy** 2013

Developed and taught first year cohort as *hybrid course*.

Arizona State University

CPP 494/594: **Social Media for Social Good** 2011

Developed new *online course* for majors.

SGML 101: **Introduction to Global Management & Leadership** 2007-2008

Developed and taught School's first year required course *hybrid and online*.

EDT 598: **Impact of Emerging Technologies on Society** 2007

Developed syllabus and overall course structure for *doctoral hybrid course*.

IAS 594: **HTML, XML and Web Design** 2004-2006

Developed syllabus and overall course structure as *hybrid course*.

IAS 494: **Mastering Cyberspace, Understanding Cyberculture** 2003-2008

Developed syllabus, content, course materials for *online, digital literacy course*.

IAS 394: **Critical Thinking and Philosophical Reasoning** 2002-2004

Developed syllabus and overall structure for school's first *hybrid course*.

PROFESSIONAL EXPERIENCE

University of Washington Tacoma

Assistant Chancellor, Academic Technologies & Institutional Research 2014-present
Continue leadership of Academic Technologies while creating Institutional Research group for the UWT campus, bringing data ownership down from central services of the University of Washington.

Assistant Chancellor, Academic Technologies

Leadership in research, promotion, and direction for innovation in teaching. 2011-2014
Create and direct new UWT Faculty Resource Center toward a campus culture of exemplary pedagogy and assessment. Create infrastructure for transformative practice in online, hybrid, and digitally-enhanced courses.

Arizona State University

Digital Knowledge Architect, College of Public Programs

Design knowledge environments for e-learning, enterprise and research collaboration within the college and campus. Develop resources for just-in-time organizational knowledge management. 2008-2011

Director of e-Learning and Innovation Technologies, School of Global Management & Leadership

Create online degree programs, including technical design, platform selection and support services. Responsible for School's Web site, academic technology and instructional services groups. New media areas of focus include research, publication, implementation and promotion of strategic technologies. 2007-2008

Director of Research, University Technology Office, ASU

Leadership in founding Applied Learning Technologies Institute (alt^I) at ASU, bringing emerging technology into the teaching and learning environment. Areas of focus include research on emerging technologies; support for e-learning initiatives; faculty development in adoption. 2005-2007

Director, Information Technology, ASU West

Responsible for diverse IT duties in creation of a new campus at ASU. These included hardware and software support services; technology training programs for faculty, staff and students; instructional support in innovative use of technology in teaching and learning; development of diverse technical professionals in hardware, software, Web, training and technology services. 1996-2005

Supervisor, Systems and Network Support Services

Management of 10BaseT Ethernet LAN, VAX servers, devices and gateways at ASU West. Leadership of group that provided file services, remote software deployment to classrooms and public sites, in-office images and backups. Provide voice and data network service support to campus. 1991-1996

University of Arizona

Software Development Manager, Arizona Cancer Center.

Design and develop new research systems in diverse biomedical environment. Supervise 20+ staff in various projects, systems administration, programming, reporting for grant-driven research studies. 1988-1991

PUBLICATIONS AND PAPERS

- *Academic Freedom and Use of Social Technologies for Teaching and Learning*. With Demaske, C. in *Journal of Technologies in Knowledge Sharing*, Volume 10, Issue 3-4, September 2015, pp.33-47.
- *Support in Hand: Mobile Nudges for Math Success (2015)*. With Sierschynski, J. and Frankfort, J. In

Mobile Learning and Mathematics: Foundations, Design, and Case Studies. Crompton, H. and Traxler, J. (Eds.) Routledge: New York.

- *Just-In-Time Technology: Improving Retention and Success of New Traditionals*. With Janzen, D. in *EvoLLLution*. V9, 2014. Retrieved December 15, 2014 from <http://tinyurl.com/phmgynz>.
- *Conjecture, Tension and Online Learning*. With Friedman, Debra in *EDUCAUSE Review*. February, 2014. Retrieved from tinyurl.com/econject on March 1, 2014.
- The Power of the Personal: Discovering the M in M-Learning (2013). With Frankfurt, J. and Salim, K. In *Handbook of Mobile Learning*. Berge, Zane L. and Muilenburg, Lin Y. (Eds.) Routledge: New York. (Received the 2014 AECT Distance Education Book Award)
- *Mobility, Connection, Support: Nudging Learners to Better Results*. With Frankfurt, J. in *EDUCAUSE Review Online* Nov/Dec 2013. Retrieved from <http://tinyurl.com/NudgeERDec13> on Dec 15, 2013.
- *Analytics, Nudges and Learner Persistence (2012)*. With Frankfurt, J. and Salim, K. In *EDUCAUSE Review Online*. Retrieved from <http://tinyurl.com/NudgeERO2012> on Oct 1, 2012.
- *Learning 2.0: The Role of social media, smart machines and distributed knowledge in research-based learning environments. Keynote and Paper*. First International Symposium on Applications of Information and Communications Technology in Education and Training (2010). Riyadh, Saudi Arabia.
- *The Case for Nudge Analytics (2010)*. With Mizzi, Phil. In *EDUCAUSE Quarterly*, V 33 No 4.
- *The Evolution of the LMS: From Management to Learning – Deep Analysis of Trends Shaping the Future of e-Learning (2009)*. With Beth Davis, Ellen Wagner. eLearning Guild. Santa Rosa, CA.
- *E-Learning Design for the Information Workplace (2009)*. In *Practices and Outcomes in E-Learning: Issues and Trends*. Yang, H. and Yuen, S. (Eds). IGI Global, Hershey, PA.
- *E-Learning 2.0: Emergence, connected networks, and the creation of shared knowledge (2008)*. Capella University, Minneapolis. Proquest, UMI Dissertations Publishing.
- Next Generation Learning/Course Management Systems. Special issue of *Journal of Online Learning and Teaching* (jolt.merlot.org) V. 4, #2, June 2008. Carmean, C. (Editor)
- Emergent Learning Design for the Workplace. In C. Montgomerie & J. Seale (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2007* (pp. 761-766). Chesapeake, VA: AACE.
- Distributed Learning: Making Systems that Work. With McGee, P., Jafari, A. In C. Montgomerie & J. Seale (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2007* (pp. 1360-1364). Chesapeake, VA: AACE.
- Managing Courses, Defining Learning: What Faculty, Students, and Administrators Want from Technology. *EDUCAUSE Review*, Jul/Aug 2006, Pgs. 50-70.
- EPortfolios: Constructing Meaning Across Time, Space and Curriculum (2006). With Christie, A. In *Handbook on Research for ePortfolios*, Jafari, A. Kaufman, C. (Eds). Idea Group, Hershey, PA.
- *Course Management Systems for Learning: Beyond Accidental Pedagogy (2005)*. With McGee, P., Carmean, C., Jafari, A. (Eds). Idea Group, Hershey, PA.
- Measure for Measure: Assessing Course Management Systems (2005). With Brown, G. In P. McGee, A., C. Carmean, A. Jafari (Eds.), *Course Management Systems for Learning: Beyond Accidental Pedagogy*. IDEA Group, Hershey, PA.
- Assessment Boot Camp, November/December 2003, *Technology Source*. Retrieved August 2014 from http://technologysource.org/article/assessment_boot_camp/.
- Next Generation Course Management Systems. With Haefner, J. *EDUCAUSE Quarterly*, V26, #1, 2003. Pgs 10-13.
- Mind Over Matter: Transforming Course Management Systems in Effective Learning Environments. With Haefner, J. *EDUCAUSE Review*, Nov/Dec 2002, Pgs. 26-34.

RECENT PRESENTATIONS & WORKSHOPS

- *Using Analytics to Drive Learning-Centered Design and Assessment*. With Matthew Milliron. American Association of State Colleges and Universities. Summer Meeting 2015. Portland.
- *Academic Freedom and the Use of Social Technologies for Teaching and Learning*. With Demaske, C. Technology, Knowledge and Society 2015. Berkeley, CA.

- *Emerging Tools in Support of Student Learning*. With Janzen, D. WCET 2014. Portland, OR.
- *Nudging Students to Success with Canvas Analytics*. With Janzen, D. NWMET 2014. Portland, OR.
- *A Brief History of Time, Teaching and Technology*. NWMET 2014. Portland, OR.
- *More Diplomas: Emerging Tools for Teaching and Learning*. SXSW EDU 2013. Austin, TX.
- *Transforming Teaching for the Digital Age*. Keynote, Faculty Summit 2013. Colorado Women's College, University of Denver.
- *Open up! Free, Social and Open Tools for Engaging Learners*. University of Washington Ignite! 2012.
- *Managing Failure*. With Anderson, M. & McGee, P. WCET Annual Conference 2012. San Antonio, TX.
- *Faculty Development in the JIT Digital Age (2012)*. With Etheridge, B. NW/MET Annual Conference. Bellingham, WA.
- *Making the Most of What We Have: the Upside-Down Learning Model (2012)*. With McGee, P. and Morgan, G. EDUCAUSE Learning Initiative. Annual Meeting. Austin, TX.
- *Collaboration 2.0: The Role of Emerging Technologies in Transforming the Workplace*. ASTD TechKnowledge (2011). San Jose, CA.
- *The Art of "Ward Off:" Exploring 21st Century Leadership (2011)*. 5th Annual Symposium on the Millennium Goals. World Academy for the Future of Women. SIAS University, Zhengzhou, China.
- *Building Digital: Toward Social Media in the Workplace*. Keynote Address. 12th Annual Computer Services Conference. Laborers-Employers Cooperation and Education Trust (2010). Phoenix, AZ.
- *Using Emerging Tools to Maximize the Learning Experience*. WCET (2010). LaJolla, CA.

RESEARCH

- Co-Principal Investigator: Establishing COIL (Collaborative Online International Learning) at the University of Washington: Global Engagement Through Technology (2015-2016) - Jackson School of International Studies.
- Co-Principal Investigator: Academic Training Academy (2011) – State of Arizona
- Investigator: Pathways to Entrepreneurship (2008) – Arizona State University.
- Investigator: Bridges to Biomedical Careers (2000-2006) – National Institute of Health.
- Investigator: Next Generation Learning Environments (2005-2006) – NGLMS Consortium.

LANGUAGES

- FORTRAN, PASCAL, SQL, PLNLP, LISP, HTML, XML, JAVA, relational database design, & *French*.

SERVICE

- University of Washington Tacoma Strategic Planning Task Force (2015-2016)
- University of Washington Tri-Campus Task Force on Curriculum Policy and Process (2013-2015)
- University of Washington Tri-Campus Task Force on Online Learning (2013-2014)
- Advisory Board. Tacoma Community Young Boat-Builders. (2012-present)
- Governing Board Member. AZ Technology Summit (2008- 2011).
- Editor, JOLT issue on next generation learning management systems (2008).
- MicroSoft National Teaching and Learning Council (2007-2010). Council member.
- MicroSoft Higher Education Consortium Research Board (2007-2010).
Board member and advisor on applied use of emerging technologies for higher education.
- National Science Foundation Panel reviewer (2006-present),
Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR).
- MERLOT: Multimedia Educational Resources for Learning & Online Teaching:
Board Member & Co-Editor, Teaching and Technology Board (2003-2005)

MEMBERSHIPS

- American Educational Research Association (AERA)

- Institute of Electrical and Electronics Engineers (IEEE)
- E-Learning: eLearning Guild, WCET Consortium, Quality Matters