# Curriculum Vitae

# DR. DAVID A. WILEY, II

204 Highlands Rd Hurricane, WV 25526-8402 +1-801-822-9211 Online contact: david.wiley@gmail.com http://davidwiley.org/ @opencontent

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## **EDUCATION**

## Post-doctoral Fellow, Instructional Technology, 2000-2001

Utah State University, Logan, Utah

Co-wrote and obtained funding from the National Science Foundation for the grant The Instructional Architect: A System for Discovering, Recommending, and Using Learning Objects

# PhD, Instructional Psychology and Technology, 2000

Brigham Young University, Provo, Utah

Dissertation Title: Learning Object Design and Sequencing Theory

## **B.F.A.**, Music, 1997

Marshall University, Huntington, West Virginia

Vocal performance major with piano minor and emphasis in choral conducting. Senior recital: Die Schöne Mullerin, a cycle of 20 songs with poetry by Wilhelm Muller and music by Franz Schubert.

## Pre-college Program, Music, 1989

Carnegie Mellon University, Pittsburgh, PA Studied vocal performance, orchestration, recording, and music theory.

## **EXPERIENCE**

Highlights: Chief Academic Officer, Lumen Learning; Ashoka Fellow; Education Fellow, Creative Commons; Peery Social Entrepreneurship Research Fellow, BYU Marriott School of Business; Nonresident Fellow, Stanford Center for Internet and Society at Stanford Law School

# Simon Fellow, 2/20 - present

Carnegie Mellon University

Pittsburgh, PA

Advance student learning and learning science through work on open adaptive courseware, continuous improvement, and causal modeling.

#### Ashoka Fellow, 10/17 - present

Ashoka

Arlington, VA

Use social entrepreneurship to make the world a better place, with a specific focus on improving the affordability and effectiveness of education.

## Co-Founder and Chief Academic Officer, 10/12 - present

Lumen Learning

Portland, OR

Improve the quality and lower the cost of education by supporting the adoption and use of OER by faculty and students in post-secondary institutions.

## Adjunct Faculty / Member, 1/13 – present

Department of Instructional Psychology and Technology; Open Education Group Brigham Young University, Provo, Utah

Adjunct faculty teaching graduate courses in open education, social entrepreneurship, and grant writing. Participate in a research group comprised of faculty and students in research regarding ways to improve the quality of education and increase access to education through principles of openness.

#### **Education Fellow, 8/13 - present**

Creative Commons

San Francisco, CA

Advocate for the use of CC licenses in education, help design and create the Creative Commons Certification Program, teach courses in the CC Certification Program, create other educational materials to help people understand and properly use the CC licenses.

#### Shuttleworth Fellow, 3/13 - 2/15

Shuttleworth Foundation

Cape Town, South Africa

Improve the quality and lower the cost of education by supporting the adoption of OER by teachers and faculty in secondary and post-secondary institutions. Lead and advocate for innovation at the intersection of openness, learning, and technology.

#### Scholar in Residence, 1/13 – 7-13

University of Utah

Salt Lake City, UT

Support various initiatives within the university and state system relating to openness in education.

## Peery Social Entrepreneurship Research Fellow, 4/12 – 12/12

Melvin J. Ballard Center for Economic Self-Reliance

BYU Marriott School of Business, Provo, Utah

Explore and research ways in which education can be improved through social entrepreneurship.

# Senior Fellow for Open Education, 1/12 – 12/12

National Center for Research in Advanced Information and Digital Technologies; aka Digital Promise

Washington, DC

Advocate and support states and districts throughout the United States in adopting open textbooks and open educational resources as part of a broader transition to digital curriculum. Establish the Digital Promise Fellows program.

## **OLNet Expert Fellow, 7/11**

The Open University

Milton Keynes, United Kingdom

Conduct inquiry regarding the fundamental differences between open educational resources and other educational resources in order to concretely identify the value of openness in OER.

#### Associate Director, 8/10 - 12/12

Center for Improvement of Teacher Education and Schooling

Brigham Young University, Provo, Utah

Responsible for leading the research unit within CITES, including coordinating ORCA, Graduate Studies, and McKay School of Education internal grant programs.

#### Associate Professor, 7/08 – 12/13

Department of Instructional Psychology & Technology

Brigham Young University, Provo, Utah

Carry out research related to instructional technology, advise instructional technology graduate students, teach instructional technology graduate courses.

# Chief Openness Officer, 2007 – 2012

Flat World Knowledge

New York, Utah

Advise regarding the company's open source, open content, and intellectual property licensing strategies.

## Associate Professor, 1/06 – 6/08

Department of Instructional Technology

Utah State University, Logan, Utah

Carry out research related to instructional technology, advise instructional technology graduate students, teach instructional technology graduate courses.

#### Director, 9/05 - 6/08

Center for Open and Sustainable Learning

Utah State University, Logan, Utah

Provide overall vision for and guidance of Center activities. Secure project funding. Build and manage relationships with partners.

## Nonresident Fellow, 10/05 - 8/06

Center for Internet and Society

Stanford Law School, Stanford, California

Development related to legal issues surrounding the digitization of educational materials. Disseminate materials to a broad set of educators and encourage their participation in the free and open sharing of digital educational materials.

## Visiting Scholar, 09/04

Educational Technology Expertise Centre

The Open University of the Netherlands, Heerlen, Netherlands

Carry out research related to reusability of educational materials and strategies, the effectiveness of distance education, and the expansion of open educational opportunity.

## Vice President for Instructional Design, 2003

Neumont University (was Northface University)

Salt Lake City, Utah

Responsibility for the university's overall combination of project-based / team-based instructional design. Assist with instructional design and materials production. Assist with the university's accreditation process.

## Assistant Professor, 8/01 – 1/06

Department of Instructional Technology

Utah State University, Logan, Utah

Carry out research related to instructional technology, advise instructional technology graduate students, teach instructional technology graduate courses. I also serve as Director of the Center for Open and Sustainable Learning.

## Postdoctoral Fellow, 8/00 – 8/01

Department of Instructional Technology

Utah State University, Logan, Utah

Co-wrote and obtained National Science Foundation grant for digital library and learning objects research (DUE-0085855). Research regarding the nature and instructional use of learning objects, teacher use of digital libraries, and peer-to-peer learning objects applications; development of software to support and extend this research. Service on doctoral and masters student committees.

#### Design Scientist, 1/00 – 8/00

Edumetrics Institute

Orem, Utah

Research and development related to the multidimensional representation of domain expertise ("expertise space") and methods for obtaining additive conjoint measurements of learner location within the space. Development of learning object-based computer adaptive instructional techniques derived from these measures. Grant writing support.

## Instructor, 8/97 - 5/98

Department of Computer Science and Software Development

Marshall University, Huntington, West Virginia

Designed and taught the first two sections of Advanced Web Techniques. Course topics included information architecture, CSS, XML, scripting languages, and web server setup and administration under Win32 and Unix.

#### Instructor, 8/97 - 12/97

Computer Information Systems Program

Ashland Community College, Ashland, Kentucky

Designed and taught the Introduction to Electronic Commerce course, CIS 151.

## Web Developer, 8/96 - 5/98

Office of Information Technology

Marshall University, Huntington, West Virginia

Design, implementation, and maintenance of the university's official web presence. Planning of the university's online course initiative. Develop policies supporting online courses. Technology training for faculty and staff. Grant writing support.

## **PUBLICATIONS**

Highlights: Over forty peer-reviewed articles (dozens with student co-authors), seven books, twenty-seven book chapters (two with student co-authors), and dozens of other publications.

#### PEER-REVIEWED SOFTWARE

Wiley, D. (2018). RISE: An R package for RISE analysis. Journal of Open Source Software, 3(28), 846, https://doi.org/10.21105/joss.00846

#### PEER-REVIEWED ARTICLES PUBLISHED WITH STUDENT CO-AUTHORS

#### \* indicates student co-authors

Hilton, J., Hilton, B., Ikahihifo, T. K.\*, Chaffee, R., Darrow, J., Guilmett, J., & Wiley, D. (2020). Identifying Student Perceptions of Different Instantiations of Open Pedagogy. *The International Review of Research in Open and Distributed Learning*, *21*(4), 1-19. https://doi.org/10.19173/irrodl.v21i4.4895

Fischer, L., Belikov, O. M.\*, Ikahihifo, T. K.\*, Hilton, J., Wiley, D., & Martin, T. (2020). Academic librarians examination of university students' and faculty's perceptions of open educational resources. *Open Praxis*, *12*(3), p. 399 - 415. http://dx.doi.org/10.5944/openpraxis.12.3.1081

Wiley, D., Tonks, D.\*, Webb, A., & Weston, S. (2017). A Preliminary Exploration of the Relationships Between Student-Created OER, Sustainability, and Students Success. *International Review of Research on Distance and Open Learning*, 18(4). http://dx.doi.org/10.19173/irrodl.v18i4.3022

Bodily, R.\*, Nyland, R.\*, & Wiley, D. (2017). The RISE Framework: Using learning analytics to automatically identify open educational resources for continuous improvement. *International Review of Research on Distance and Open Learning*. http://dx.doi.org/10.19173/irrodl.v18i2.2952

Martin, T. M., Belikov, O. M., Hilton, J., Wiley, D., & Fischer, L. (2017). Analysis of Student and Faculty Perceptions of Textbook Costs in Higher Education. *Open Praxis*, 9(1), p. 79 – 91. http://dx.doi.org/10.5944/openpraxis.9.1.432

Fischer, L., Hilton, J., Robinson T. J.\*, & Wiley, D. (2015). A Multi-Institutional Study of the Impact of Open Textbook Adoption on the Learning Outcomes of Post-Secondary Students. *Journal of Computing in Higher Education*. 10.1007/s12528-015-9101-x

- Robinson T. J.\*, Fischer, L., Wiley, D. A., & Hilton, J. (2014). The Impact of Open Textbooks on Secondary Science Learning Outcomes. *Educational Researcher*.
- Hilton, J., Robinson T. J.\*, Wiley, D. A., & Ackerman, J.\* (2014). Cost-Savings Achieved in Two Semesters Through the Adoption of Open Educational Resources. *International Review of Research on Distance and Open Learning*.
- Hilton, J., Gaudet, D., Clark, P., \*Robinson, T. J. & Wiley, D. (2013). The Adoption of Open Educational Resources by One Community College Math Department. *International Review of Research in Open and Distance Learning*, *14*(4). http://www.irrodl.org/index.php/irrodl/article/view/1523/2652
- \*Bliss, TJ, \*Robinson, T. J., Hilton, J., & Wiley, D. (2013). An OER COUP: College Teacher and Student Perceptions of Open Educational Resources. *Journal of Interactive Media in Education*, 2013(1). http://jime.open.ac.uk/jime/article/view/2013-04
- \*Bliss, TJ, Hilton, J., Wiley, D., & Thanos, K. (2013). The Cost and Quality of Open Textbooks: Perceptions of Community College Faculty and Students. *First Monday*, *18*(1). http://www.uic.edu/htbin/cgiwrap/bin/ojs/index.php/fm/article/view/3972/3383
- \*Tonks, D., Weston, S., Wiley, D., & Barbour, M. (2013). "Opening" a New Kind of School: The Story of the Open High School of Utah. *International Review of Research in Open and Distance Learning*, *14*(1). http://www.irrodl.org/index.php/irrodl/article/view/1345/2419
- Feldstein, A., Martin, M., \*Hudson, A., \*Warren, K., Hilton, J., & Wiley, D. (2012). Open Textbooks and Increased Student Access and Outcomes. *European Journal of Open, Distance and E-Learning*. http://www.eurodl.org/?p=current&article=533
- Hilton, J., Wiley, D., & Ellington\*, S., and Hall, T. (2012). A Preliminary Examination of the Cost Savings and Learning Impacts of Using Open Textbooks in High School Science Classes. *International Review of Research in Open and Distance Learning*, *13*(3). P. 262-276. http://hdl.handle.net/10515/sy5707x40
- Hilton, J., Wiley, D., & Lutz\*, N. (2012). Examining the Reuse of Open Textbooks. *International Review of Research in Open and Distance Learning*, *13*(2). P. 45-58. http://hdl.handle.net/10515/sy5rb6wf8
- Johansen\*, J. & Wiley, D. (2011). A sustainable model for opencourseware development. *Educational Technology Research & Development*, *59*(3), p. 369-382. DOI: 10.1007/s11423-010-9160-7
- Hilton\*, J. L., Wilcox, B., Morrison, T. G., & Wiley, D. A. (2010). Effects of various methods of assigning and evaluating required reading in one general education course. *Journal of College Reading and Learning*, 41(1), 7-28.

- Hilton\*, J. & Wiley, D. (2010). A sustainable future for open textbooks? The Flat World Knowledge story. First Monday, 15(8).
- http://www.uic.edu/htbin/cgiwrap/bin/ojs/index.php/fm/article/view/2800/2578
- Hilton\*, J. & Wiley, D. (2010). Free: Why authors are giving books away on the Internet. Tech Trends, 54(2), p. 43-48. DOI: 10.1007/s11528-010-0381-8
- Hilton\*, J., Wiley, D. (2010). The short-term influence of free digital versions of books on print sales. Journal of Electronic Publishing, 13(1). DOI: 10.3998/3336451.0013.101
- Hilton\*, J. & Wiley, D. (2010). The creation and use of open educational resources in Christian higher education. Christian Higher Education, 9(1), 49-59. DOI:10.1080/15363750903181906
- Hilton\*, J., Graham, C., Rich, P., & Wiley, D. (2010). Using online technologies to extend a classroom to learners at a distance. Distance Education, 31(1), pp. 77-92. DOI: 10.1080/01587911003725030
- Hilton\*, J., Wiley, D., Stein\*, J., & Johnson\*, A. (2010). The four R's of openness and ALMS Analysis: Frameworks for Open Educational Resources. Open Learning: The Journal of Open and Distance Learning, 25(1), 37-44. DOI: 10.1080/02680510903482132
- Wiley, D. & Hilton\*, J. (2009). Openness, dynamic specialization, and the disaggregated future of higher education. International Review of Research in Open and Distance Learning. 10(5). http://www.irrodl.org/index.php/irrodl/article/view/768
- Gur\*, B. & Wiley, D. (2009). Psychologism and instructional technology. *Educational* Philosophy and Theory. 41(3), 307-331. doi:10.1111/j.1469-5812.2008.00421.x
- Wiley, D. & Gurell\*, S. (2009). A decade of development. Open Learning: The Journal of Open and Distance Learning, 24(1), 307-331. doi: 10.1080/02680510802627746
- Gur\*, B., & Wiley, D. (2008). Instructional technology and objectification. Canadian Journal of Learning and Technology / La revue canadienne de l'apprentissage et de la technologie, 33(3). http://www.cjlt.ca/index.php/cjlt/article/view/159/151
- Caswell\*, T., Henson\*, S., Jensen\*, M., & Wiley, D. (2008). Open content and open educational resources: Enabling universal education. International Review of Research in *Open and Distance Learning*, 9(1).
- http://www.irrodl.org/index.php/irrodl/article/view/469/1001
- Henson\*, S., Shelton, B., & Wiley, D. (2007). Collecting, organizing, and managing resources for teaching educational games the wiki way. Innovate Journal of Online Education, 4(2). http://innovateonline.info/index.php?view=article&id=423

Wiley, D. & Waters\*, S. (2005). A unified design framework for learning objects and educational discourse. *International Journal of Knowledge and Learning Objects*, 1, 143-150.

Wiley, D., Padron\*, S., Lambert\*, B., Dawson\*, D., Nelson, L., Barclay\*, M., Wade\*, D. (2004). Overcoming the limitations of learning objects. *Journal of Educational Multimedia and Hypermedia*, *13*(4), 507-521.

Wiley, D. & Edwards\*, E. K. (2002). Online self-organizing social systems: The decentralized future of online learning. *Quarterly Review of Distance Education*, *3*(1), 33-46.

Edwards\*, E. K., Wiley, D., & Nelson, L. (2002). Foundations of a new instructional paradigm... really! *Tech Trends*, 46(1), 16-17.

#### OTHER PEER-REVIEWED ARTICLES

- Wiley, D. (2020). Open educational resources: Undertheorized research and untapped potential. *Educational Technology Research and Development*. https://doi.org/10.1007/s11423-020-09907-w
- Bonk, C. & Wiley, D. (2020). Preface: Reflections on the Waves of Emerging Learning Technologies. *Educational Technology Research and Development*, 68(5). https://doi.org/10.1007/s11423-020-09809-x
- Hilton, J., Larson, R., Wiley, D., & Fischer, L. (2019). Substituting open educational resources for commercial curriculum materials: Effects on student mathematics achievement in elementary schools. *Research in Mathematics Education*, *21*(1). https://doi.org/10.1080/14794802.2019.1573150
- Wiley, D. & Hilton, J. (2018). Defining OER-enabled Pedagogy. *International Review of Research in Open and Distance Learning*, 19(4). http://dx.doi.org/10.19173/irrodl.v19i4.3601
- Hilton, J., Fischer, L., Wiley, D., & Williams, L. (2016). Maintaining Momentum Toward Graduation: OER and the Course Throughput Rate. *International Review of Research in Open and Distance Learning*, 17(6). http://dx.doi.org/10.19173/irrodl.v17i6.2686
- Wiley, D., Hilton, J., Williams, L., & DeMarte, D. (2016). The Tidewater Z-Degree and the INTRO Model for Sustaining OER Adoption. *Education Policy Analysis Archives*, 23(41). http://dx.doi.org/10.14507/epaa.v23.1828
- Hilton, J. & Wiley, D. (2011). Free E-Books and Print Sales. *Journal of Electronic Publishing*, *14*(1). DOI: 10.3998/3336451.0014.109
- Hilton, J. & Wiley, D. (2011). Open access textbooks and financial sustainability: A case study on Flat World Knowledge. *International Review of Research in Open and Distance Learning*, 12(5). URL: http://www.irrodl.org/index.php/irrodl/article/view/960/1860
- Mott, J. & Wiley, D. (2009). Open for learning: The CMS and the open learning network. *In Education*. 15(2). http://ineducation.ca/article/open-learning-cms-and-open-learning-network
- Wiley, D. (2009). The Open High School of Utah: Openness, Disaggregation, and the Future of Schools. *Tech Trends*. *53*(4), 37-40. doi:10.1007/s11528-009-0304-8
- Wiley, D. (2006). Open source, openness, and higher education. *Innovate Journal of Online Education*, 3(1). http://innovateonline.info/index.php?view=article&id=354
- Martindale, T. & Wiley, D. (2005). Using Weblogs in Scholarship and Teaching. *Tech Trends*, 49(2), 55-61.

Walker, A., Recker, M., Lawless, K., & Wiley, D. (2004). Collaborative information filtering: A review and an educational application. *International Journal of Artificial Intelligence and Education*, 14, 1-26.

Recker, M. & Wiley, D. (2001). A non-authoritative educational metadata ontology for filtering and recommending learning objects. *Journal of Interactive Learning Environments: Special issue on metadata*, 1-17.

Wason, T. D. & Wiley, D. (2000). Structured metadata spaces. *Journal of Internet Cataloging*. 3(2/3), 263 – 277.

#### **BOOK CHAPTERS**

\* indicates student co-authors

Wiley, D., Strader, R., & Bodily, R. (2020). Continuous Improvement of Instructional Materials. In J. K. McDonald & R. E. West (Eds.), *Design for Learning: Principles, Processes, and Praxis*. EdTech Books. https://edtechbooks.org/id/continuous improvement

Wiley, D. (2018). Open Educational Resources. In R. E. West (Ed.), *Foundations of Learning and Instructional Design Technology*. EdTech Books. https://edtechbooks.org/lidtfoundations/open\_educational\_resources

Wiley, D. (2017). The Evolving Economics of Educational Materials and Open Educational Resources: Toward Closer Alignment with the Core Values of Education. In R. A. Reiser & J. V. Dempsey (Eds.), *Trends and Issues in Instructional Design and Technology* (4th ed.). New York, NY: Pearson Education.

Wiley, D. (2016). Foreword: Openness as a Value. In Blessinger, P. & Bliss, TJ (Eds.), *Open Education: International Perspectives in Higher Education*. Cambridge, UK: OpenBook Publishers.

Wiley, D. (2015). The MOOC Misstep and the Open Education Infrastructure. In Bonk, C. J. (Ed.), *MOOCs and Open Education Around the World*. New York, NY: Routledge.

Wiley, D., Bliss, T.J.\*, and McEwen, M.\* (2013). Open Educational Resources. In J. M. Spector, M. D. Merrill, J. Elen, & M. J. Bishop (Eds.), *Handbook of research on educational communications and technology* (4th ed.). New York, NY: Springer.

Kaufman, T., Graham, C. R., Picciano, A. G., Wiley, D., & Popham, J. A. (2013). Data-driven decision making in the K12 classroom. In J. M. Spector, M. D. Merrill, J. Elen, & M. J. Bishop (Eds.), *Handbook of research on educational communications and technology* (4th ed.). New York, NY: Springer.

Wiley, D. & Green, C. (2012). "Why Openness in Education?" In Oblinger, D. (Ed). *Game Changers: Education and Information Technologies*, p 81-90. EDUCAUSE. http://www.educause.edu/game-changers

Wiley, D. (2011). Learning Objects, Content Management, and E-learning. In Ferran, N. and Minguillón, J. (Eds.) *Content Management for E-learning*, p. 43-54, DOI: 10.1007/978-1-4419-6959-0\_3. Springer.

Verbert, K.\*, Wiley, D., Duval, E. (2009). A Methodology and Framework for the Semi-automatic Assembly of Learning Objects. *Proceedings of the European Conference on Technology Enhanced Learning EC-TEL*, p. 757-762.

- Wiley, D. (2009). Learning Objects and Instructional Theory. In Reigeluth, C. & Carr-Chelmann, A. (Eds.). *Instructional-Design Theories and Models, Volume III: Building a Common Knowledge Base*. New York: Routledge. pp. 349-364.
- Bunderson, V., Wiley, D., & McBride, R. (2009). Domain Theory for Instruction: Mapping Attainments to Enable Learner-Centered Education. In Reigeluth, C. & Carr-Chelmann, A. (Eds.). *Instructional-Design Theories and Models, Volume III: Building a Common Knowledge Base*. New York: Routledge. pp. 327-348.
- Gibbons, A., McConkie\*, M., Seo\*, K., & Wiley, D. (2009). Simulation Approach to Instruction. In Reigeluth, C. & Carr-Chelmann, A. (Eds.). *Instructional-Design Theories and Models, Volume III: Building a Common Knowledge Base*. New York: Routledge. pp. 167-198.
- Wiley, D. (2008). The OpenCourseWars. In Iiyoshi, T. & Kumar, M. S. V. (Eds.). *Opening Up Education: The Collective Advancement of Education through Open Technology, Open Content, and Open Knowledge*. Boston: MIT Press.
- Wiley, D. (2008). Online self-organizing social systems: Four years later. In Luppicini, R. (Ed.). *Online Learning Communities*. Charlotte, NC: Information Age Publishing.
- Wiley, D. (2007). The Learning Objects Literature. In Spector, J. M., Merrill, M. D., Van Merrienboer, J., & Driscoll, M. P. (Eds.) *Handbook of Research Educational Communications and Technology*. (p. 345-353). New York: Taylor and Francis.
- Wiley, D. (2006). The Role of Openness in the Future of Higher Education. In Johnstone, S. (Ed.). *Advancing Campus Efficiencies: A Companion for Campus Leaders in the Digital Era*. Williston, VT: Anker Publishing.
- Wiley, D. (2006). Scalability and sociability in online learning environments. In O'Neil, N. & Perez, R. (Eds.). *Web-based Learning: Theory, Research, and Practice*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Wiley, D. (2005). Learning objects in public and higher education. In M. Spector & D. A. Wiley (Eds.) *Festschrift for M. David Merrill*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Hill, J. R., Wiley, D., Nelson, L. M., & Han, S. (2004). Exploring research on Internet-based learning: From infrastructure to interactions. In D. H. Jonassen (Ed.) Handbook of Research in Educational Technology (pp. 433-460). New York: Erlbaum.
- Wiley, D. & Gibbons, A. (2003). Component display theory. In A. Kovalchick & K. Dawson (Eds.) *Educational Technology: An Encyclopedia*. Santa Barbara: ABC-CLIO.
- Wiley, D. (2003). (We)Blog. In A. Kovalchick & K. Dawson (Eds.) *Educational Technology: An Encyclopedia*. Santa Barbara: ABC-CLIO.

Wiley, D. (2003). OpenCourseWare. In A. Kovalchick & K. Dawson (Eds.) *Educational Technology: An Encyclopedia*. Santa Barbara: ABC-CLIO.

Wiley, D. (2002). Learning objects need instructional design theory. In A. Rossett (Ed.) *The 2001/2002 ASTD Distance Learning Yearbook* (pp. 115-126). New York: McGraw-Hill.

Wiley, D. (2000). Connecting learning objects to instructional design theory: A definition, a metaphor, and a taxonomy. In D. A. Wiley (Ed.), *The Instructional Use of Learning Objects* (pp. 3-23). Bloomington, IN: Association for Educational Communications and Technology.

Recker, M. M., Walker\*, A., & Wiley, D. (2000). Collaboratively filtering learning objects. In D. A. Wiley (Ed.), *The Instructional Use of Learning Objects* (pp. 243-259). Bloomington, IN: Association for Educational Communications and Technology.

Wason, T. D. & Wiley, D. (2000). Metadata spaces. In J. Greenburg (Ed.) *Metadata and Organizing Educational Resources on the Internet* (pp. 263 – 277). Binghamton, NY: Haworth.

Wiley, D. (1998). Cascading style sheet basics. In R. Roger & B. Correll (Eds.), *Dynamic HTML unleashed* (pp. 61-74). Indianapolis, IN: Macmillan.

Wiley, D. (1998). Working with color. In R. Roger & B. Correll (Eds.), *Dynamic HTML unleashed* (pp. 75-86). Indianapolis, IN: Macmillan.

Wiley, D. (1998). Text and fonts with style. In R. Roger & B. Correll (Eds.), *Dynamic HTML unleashed* (pp. 87-102). Indianapolis, IN: Macmillan.

Wiley, D. (1998). Formatting and positioning. In R. Roger & B. Correll (Eds.), *Dynamic HTML unleashed* (pp. 103-120). Indianapolis, IN: Macmillan.

#### **BOOKS**

\* indicates student co-authors

Amado\*, M., Ashton\*, K., Ashton\*, S., Bostwick\*, J., Darnall\*, R., Nisse\*, A., Preston\*, J., Randall\*, D., Terakhova\*, V., & Wiley, D. (2011). *Project Management for Instructional Designers*. Retrieved from http://pm4id.org/

Wiley, D. & Gurell\*, S. (Eds.) (2010). *Sharing the Gospel Using the Internet*. Provo, UT: BYU Academic Publishing.

Downes, S. & Wiley, D. (2009). *Downes – Wiley: A Conversation on Open Educational Resources*. BYU Academic Press. http://www.downes.ca/files/books/Downes-Wiley.pdf

Shelton, B & Wiley, D. (Eds.) (2007). *The Design and Use of Simulation Computer Games in Education*. Rotterdam: Sense Publishers.

Spector, M., Ohrazda, C., Van Schaack\*, A., & Wiley, D. (Eds.) (2005). *Innovations in Instructional Technology: Essays in Honor of M. David Merrill.* Mahwah, NJ: Lawrence Erlbaum Associates.

Wiley, D. (Ed.) (2002). *The Instructional Use of Learning Objects*. Bloomington, IN: Association for Educational Communications and Technology. http://reusability.org/read/

#### SPECIAL ISSUE EDITING

\* indicates student co-authors

Duval, E. & Wiley, D. (Eds.). (2010). *IEEE Transactions on Learning Technology*, 3(2). Special issue on learning objects and open education.

Wiley, D. & Hilton, J. (Eds.). (2009). *International Review of Research on Open and Distance Learning*, 10(5). Special issue on open education and the future of higher education.

Roberts, E., Freeman, M., Wiley, D., & Sampson, D. (Eds.). (2005). *Learning Technology* 7(1). Special issue on SCORM 2004 sequencing and navigation. IEEE Computer Society.

#### OTHER ARTICLES

\* indicates student co-authors

Wiley, D. (2016). Entrevista a David Wiley. Revista Interuniversitaria de Investigación en Tecnología Educativa, 0, pp. 109 – 111. http://revistas.um.es/riite/article/view/264071/195901

Wiley, D. (Feb 17, 2016) What WALL-E Teaches Us About Adaptive and Personalized Learning. *EdSurge*. https://www.edsurge.com/news/2016-02-17-what-wall-e-teaches-us-about-adaptive-and-personalized-learning

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Wiley, D. (1997). Overcoming electronic course delivery's greatest obstacle: Specific policy recommendations for institutions of higher learning. CAUSE 1997 Proceedings.

# AWARDED GRANTS, CONTRACTS, AND GIFTS

Highlights: Over \$10,000,000 in externally funded research as PI or Co-PI; National Science Foundation CAREER grant

Hilton, J., Wiley, D., and Fischer, L. (2016). Increasing Research on OER and Assisting Instructional Designers with OER Adoption. William and Flora Hewlett Foundation.

Amount: \$550,000

Listed as: Co-Principal Investigator

Role: Manage grant, lead research and publication efforts.

Description: Support graduate students in the United States and Canada in conducting and publishing peer-reviewed research relating to open educational resources. Create a network of instructional designers engaged in OER-related work through AECT.

Wiley, D. (2014). *Using OER and Open Source to Improve the Affordability and Quality of Mathematics Instruction*. Submitted to the Hewlett Foundation.

Amount: \$330,000.

Listed As: Principal Investigator

Role: Overall leadership

*Description*: Update and improve the IMathAS platform for online mathematics instruction and practice and build OER-based courses in the system. Release the courses and the platform improvements under open licenses.

Wiley, D. (2014). Supporting the Adoption of Open Educational Resources / The Candela OER Platform. Submitted to the Shuttleworth Foundation.

Amount: \$365,000.

Listed As: Principal Investigator

Role: Overall leadership

*Description*: Support secondary and post-secondary institutions in adopting open educational resources in place of commercial textbooks. Create a platform that supports OER adoption by multiple institutions in multiple learning management systems and enables students to own their learning content and learning data.

Wiley, D., Robinson, T. J., and Fischer, L. (2013). *Catalyzing the Creation of Open Assessments*. Submitted to the William and Flora Hewlett Foundation.

Amount: \$198,000

Listed as: Principal Investigator

Role: Overall leadership

Description: Facilitate the development of openly licensed test item banks for high

enrolling general education courses.

Wiley, D. (2013). Supporting the Adoption of Open Educational Resources / ImprovOER. Submitted to the Shuttleworth Foundation.

Amount: \$365,000.

Listed As: Principal Investigator

Role: Overall leadership

*Description*: Support secondary and post-secondary institutions in adopting open educational resources in place of commercial textbooks. Create new learning analytics infrastructure to support continuous quality improvement of open educational resources.

Wiley, D., Hilton, J., and Fischer, L. (2012). *Impact of OER on Cost Savings and Student Success Metrics*. Submitted to the Bill and Melinda Gates Foundation.

Amount: \$272,686

Listed as: Principal Investigator

Role: Overall leadership

*Description*: Determine the impacts of teachers and faculty formally adopting OER in place of commercial textbooks on the cost of education and student outcomes.

Rossi, H., Wiley, D., and Cummings, M. (2012). *Math Materials Access Improvement for Seventh and Eighth Grades (MMAISE)*. Submitted to the Utah State Office of Education.

Amount: \$455,170

Listed as: Co-principal Investigator

Role: Technology and Intellectual Property Lead

Description: Create Common Core-aligned open math textbooks for 7<sup>th</sup> and 8<sup>th</sup> grade.

Wiley, D., Hilton, J., and Suddreth, D. (2012). *Scaling the Use of Open Textbooks in High Schools and Examining their Financial and Educational Impacts*. Submitted to the William and Flora Hewlett Foundation.

Amount: \$125,000

Listed as: Principal Investigator

Role: Overall leadership and guiding research

*Description*: Scale up the adaptation and adoption of open science textbooks in Utah high schools and research possible cost savings and changes in student learning.

Wilkins, J., Wiley, D., and Blake, D. (2012). *The National Manufacturing Badge System*. Submitted to the MacArthur Foundation / HASTAC.

Amount: \$150,000

Listed as: Co-Principal Investigator

*Role*: Responsible for education-related issues, coordinate technical implementation, engage in research around the system's success.

*Description*: Create and implement a system of badges recognizing acquisition of manufacturing-related skills and support the use of these badges to obtain employment.

Wiley, D. (2010). *Demonstrating the Educational and Cost Effectiveness of Open Science Textbooks*. Submitted to the William and Flora Hewlett Foundation.

Amount: \$82,071

Listed as: Principal Investigator

Role: Overall leadership and guiding research

*Description*: Support the adaptation and adoption of open science textbooks in Utah high schools and research possible cost savings and changes in student learning.

Wiley, D. (2009). Open Education News. Submitted to the Open Society Institute.

Amount: \$30,934

Listed as: Principal Investigator

*Role*: Editor

Description: Continue operating the daily news website focusing the area of open

education.

Wiley, D. (2009). *Open High School Curriculum Development*. Congressionally directed grant to the OpenContent Foundation through the Department of Education Fund for the Improvement of Education.

Amount: \$190,000

Listed as: Principal Investigator

Role: Director

Description: Development of openly licensed materials for 9<sup>th</sup> grade Math, Language,

Science, and Social Science courses.

Wiley, D. (2009). Open Education News. Submitted to the Open Society Institute.

Amount: \$12,000

Listed as: Principal Investigator

Role: Editor

Description: Establish a daily news website focusing the area of open education.

Wiley, D. (2008). The Teachers Without Borders Fellow. Gift from Teachers Without

Borders.

Amount: \$60,000 Listed as: Director

*Role*: Continue to direct and oversee the Teachers Without Borders Fellow, an individual working within the Center for Open and Sustainable Learning

Description: This gift sustains the *Teachers Without Borders Fellow* in the Center for Open and Sustainable Learning. The Fellow provides technology and technical support to Teachers Without Borders projects.

Wiley, D. (2007). *The Teachers Without Borders Fellow*. Gift from Teachers Without Borders.

Amount: \$60,000 Listed as: Director

*Role*: Direct and oversee the new Teachers Without Borders Fellow, an individual working within the Center for Open and Sustainable Learning

Description: This gift created the *Teachers Without Borders Fellow* in the Center for Open and Sustainable Learning. The Fellow provides technology and technical support to Teachers Without Borders projects.

Wiley, D. & Muramatsu, B. (2007). *Tool stewardship for the field of open education*. Submitted to The William and Flora Hewlett Foundation.

Amount: \$1,800,000

Listed as: Principle Investigator

*Role*: Provide project direction, carry out some technical work, build relationships with project partners, write annual reports

Description: Assume stewardship for the technical tools segment of the field of open education. Track trends in the field, conduct analyses, write technical reports, and coordinate and host meetings. Provide general leadership to the field of open education with regard to software, legal, and other tools. (I moved from Utah State University to Brigham Young University part way through this grant, but the grant stayed at Utah State University.)

Wiley, D., Muramatsu, B., Shelton, B. & Walker, A. (2006). *Making Open Content Support Learning*. Submitted to The Andrew W. Mellon Foundation.

Amount: \$440,000

Listed as: Principle Investigator

*Role*: Provide project direction, carry out some technical work, build relationships with project partners, write annual reports

*Description*: Develop a suite of small, web-based tools for localizing, annotating, aggregating, and reusing open educational resources and other open content.

Wiley, D. & Muramatsu, B. (2006). *Improving the effectiveness and sustainability of open education programs (phase III)*. Submitted to The William and Flora Hewlett Foundation. *Amount*: \$342,000

Listed as: Principle Investigator

*Role*: Provide project direction, carry out some technical work, build relationships with project partners, write annual reports

*Description*: Further catalyze the development of OpenCourseWare and related collections at universities worldwide through evangelism, training, developing and supporting open source software (specifically eduCommons and Open Learning Support), and providing related consulting services. Extend Utah State University's OpenCourseWare initiative.

Muramatsu, B. & Wiley, D. (2005). *Services to Link Opencourseware Repositories and the NSDL*. Submitted to The National Science Foundation.

Amount: \$694,548

Listed as: Co-Principle Investigator

*Role*: Provide some project direction, carry out some technical work, advise student researchers

*Description*: This NSDL Services project is improving the discoverability of course materials that institutions are placing in "opencourseware" repositories. Three primary tasks: enable federated searching across distributed institutional sites, develop a portal to these repositories, and facilitate harvesting of metadata and course materials by the NSDL.

Wiley, D. (2005). *Improving the effectiveness and sustainability of open education programs (Phase II)*. Submitted to The William and Flora Hewlett Foundation.

Amount: \$1,500,000

Listed as: Principle Investigator

*Role*: Provide project direction, carry out some technical work, build relationships with project partners, write annual reports

Description: Catalyze the development of OpenCourseWare and related collections at universities worldwide through evangelism, training, developing and supporting open source software (specifically eduCommons and Open Learning Support), and providing related consulting services. Extend Utah State University's OpenCourseWare initiative.

Wiley, D. (2003). *Improving the value and sustainability of open education programs* (*Phase I*). Submitted to The William and Flora Hewlett Foundation.

Amount: \$915,000

Listed as: Principle Investigator

*Role*: Provide project direction, carry out some technical work, build relationships with project partners, write annual reports, supervise full-time and student workers *Description*: Work in partnership with MIT's OpenCourseWare and Open Knowledge Initiative efforts to develop two projects. *Open Learning Support* provides social infrastructure around the OCW materials, enabling free peer support seeking and provision. *EduCommons* allows distributed teams to coordinate the design and development of free educational materials.

Wiley, D. (2003). *Team and project-based computer science education: Instructional innovation to prepare the next-generation software professional.* Submitted to NorthFace Learning, Inc. (now Neumont University)

Amount: \$237,708

Listed as: Principle Investigator

*Role*: Provide project direction, carry out some technical work, supervise student workers *Description*: Work with leading computer industry figures to design a team-based, project-based computer science curriculum leading to an accredited MBA in enterprise informatics. Plan and carry out research related to building problem-based instruction from reusable educational components.

Recker, M., Dorward, J., & Wiley, D. (2003). *Extending and integrating the instructional architect: An instructional service portal for the NSDL*. Submitted to the National Science Foundation.

Amount: \$306,591

*Listed as*: Co-principle Investigator *Role*: Declined due to other obligations

*Description*: Extend the work on our Instructional Architect project to include wizards supporting novice instructional designers, functionality supporting individual and collaborative student use of IA, scalable recommendation services, and broadened dissemination.

Wiley, D. (2003). Exploring alternate forms of peer review in an online instructional technology journal. Submitted to Utah State University New Faculty Grant Competition. *Amount*: \$13,500

Listed as: Principle Investigator

*Role*: Provide project direction and management, supervise student workers *Description*: Develop software to support a peer-reviewed online journal in instructional technology using alternative, democratic review mechanisms.

Wiley, D. (2001). *Introducing learning objects and planning for the future*. Contract with Cisco Learning Institute.

Amount: \$83,000

Listed as: Principal Investigator

*Role*: Provide project direction and management, supervise student workers *Description*: My research team created an introductory learning objects course, two examples of learning objects-based instruction, and advised CLI on their role in the future

of online learning.

Wiley, D. (2001). CAREER: A Mediated Action Study of Learning Object Use in Online Learning Communities. Submitted to the National Science Foundation.

Amount: \$570,116

Listed as: Principal Investigator

*Role*: Provide project direction and management, supervise student workers *Description*: Study of the use of digital educational resources in massively distributed,

decentralized communities of online learners.

Recker, M., Dorward, J., & Wiley, D. (2000). *The Instructional Architect: A System for Discovering, Recommending, and Using Learning Objects*. Submitted to the National Science Foundation.

Amount: \$420,000

Listed as: Postdoctoral Fellow, then Co-PI

*Role*: Carry out research activities, perform some technical work

*Description*: Instruction Architect is a software system for connecting and contextualizing learning objects designed specifically to make these tasks accessible to public school teachers

## INTERNATIONAL PRESENTATIONS

Highlights: Conference keynote at the UNESCO conference on Globalization and Higher Education, invited participation in the China-US Conference on Trade, Diplomacy, and Research, other keynotes throughout the world.

# \* indicates student co-presenters

Wiley, D. (April, 2018). Reflections on 20 years of open content and thoughts about the future. Keynote address at OER18. Bristol, UK.

Wiley, D. (November, 2016). Increasing Efficiency Through Open. Keynote address at the Eighth Pan-Commonwealth Forum. Kuala Lumpur, Malaysia.

Wiley, D. (May, 2016). Exploring Open Pedagogy. Keynote session for OER Africa Convening. Nairobi, Kenya.

Fischer, L. Hilton, J. & Wiley, D. (November, 2015). A Review of Recent Research on the Efficacy and Perceptions of OER. Concurrent session at the 12<sup>th</sup> Annual Open Education Conference. Vancouver, Canada.

Mosbacker, B. & Wiley, D. (November, 2015). Making the Open Infrastructure Practical. Concurrent session at the 12<sup>th</sup> Annual Open Education Conference. Vancouver, Canada.

Wiley, D. (June, 2015). Open and the Future of Education. Keynote address at the International Forum on Reframing Education. Bangkok, Thailand.

Wiley, D. (June, 2015). Why Open Education: Three Arguments. Keynote address at the AECT Research Symposium. Shanghai, China.

Wiley, D. (June, 2015). Open Education and the Transformation of Higher Education. Workshop at East China Normal University.

Wiley, D. and Thanos, K. (2014). Open Education: Why and How. Keynote address at the BC Open Textbook Summit. Vancouver, Canada.

Wiley, D. (January, 2014). Delivering on the Promise of Open Educational Resources. Keynote address at the International Conference on Open and Flexible Education. Hong Kong.

Wiley, D. (May, 2013). In the Trenches: Delivering on the Promise of Open Educational Resources. Keynote address at OLMF 2013. Kamloops, Canada.

- Wiley, D. (September, 2012). The OER COUP: A Comprehensive Framework for Research on Open Educational Resources. Keynote address to the 2012 OER Symposium in Penang, Malaysia.
- Wiley, D., Duval, E., Stamper, J., Baker, R., and Buckingham Shum, S. (April, 2012) Educational Data Mining meets Learning Analytics. Panel at Learning Analytics and Knowledge 2012. Vancouver, BC.
- Wiley, D. (February, 2012). Why Open? Generosity and Sharing of Educational Resources. Keynote Address for the Chais Conference. Tel Aviv, Israel.
- Wiley, D. (August, 2011). Why Open Educational Resources? Keynote Address for the International e-Learning Conference. Bangkok, Thailand.
- Atkisson, M. and Wiley, D. (February, 2011). Learning Analytics as Interpretive Practice: Applying Westerman to Educational Intervention. General Session at the International Conference on Learning Analytics and Knowledge 2011. Banff, Canada.
- Wiley, D. (November, 2010). Identifying concrete pedagogical benefits of open educational resources. Concurrent session at the 7<sup>th</sup> annual Open Education Conference. Barcelona, Spain.
- Wiley, D. & Johansen, J. (November, 2010). A sustainable model for opencourseware development. Concurrent session. Open Education Conference. Barcelona, Spain.
- Wiley, D. (October, 2010). Open Generation & Content: Shaping The 21st Century. Panel participant at the Open World Forum, Paris, France.
- Wiley, D. (September, 2010). Openness and Analytics: The Future of Learning Objects. Keynote presentation at the Latin American Conference on Learning Objects (LACLO), Sao Paulo, Brazil.
- Wiley, D. (April, 2010). The Future of Education. Keynote presentation at Teaching and Learning to the Power of Technology (TL^t) 2010, Saskatoon, Canada.
- Wiley, D. (September, 2009). Open education: Historical, philosophical and ethical perspectives. Presentation to the Workshop on Open Educational Resources: Philosophy, Reality and Implementation. Loja, Ecuador.
- Wiley, D. (August, 2009). The Future of Open Educational Resources. General Session, Symposium on Implications and Implementation Strategies for the National Knowledge Commission Recommendations on Distributed Educational Opportunity. New Delhi, India.
- Wiley, D. & Williams, D. (August, 2009). Evaluating Open Educational Resources. Open Education 2009. Vancouver, Canada.

Gurell, S. & Wiley, D. (August, 2009). An Introduction to OER Recommender. Open Education 2009. Vancouver, Canada.

Wiley, D. & Johansen, J. (August, 2009). Empirical Analysis of the Impact of Openness on Paying Enrollments in Distance Education Courses and Implications for Sustainability. Open Education 2009. Vancouver, Canada.

Wiley, D. (June, 2009). Openness and the Disaggregated Future of Higher Education. Library Dean's Lecture, University of Saskatchewan. Saskatoon, Canada.

Wiley, D. (February, 2009). A National Open Education Policy? Invited presentation to the Dutch National Ministry of Education. The Hague, Netherlands.

Wiley, D. (November, 2008). From Learning Objects to Open Educational Resources. Keynote address at SBIE. Fortaleza, Brazil.

Wiley, D. (July, 2008). Open content: The first decade. Keynote address at iSummit 2008. Sapporo, Japan.

Wiley, D. (June, 2008). Openness and the Disaggregated Future of Higher Education. Keynote address to the University of British Columbia's 8th Annual e-Strategy Town Hall. Vancouver, Canada.

Wiley, D. (August, 2007). Openness and E-learning. Presentation for the E-learning Workshop at the UNESCO / United Nations University Conference on Globalization and Higher Education. Tokyo, Japan.

Wiley, D. (August, 2007). Continuing Education Open for All. General session at the UNESCO / United Nations University Conference on Globalization and Higher Education. Tokyo, Japan.

Wiley, D. (August, 2007). Openness, Localization, and the Future of Learning Objects: Simple Wins. Concurrent session at the Thailand Cyber University National Conference on E-learning. Bankgok, Thailand.

Wiley, D. (August, 2007). Openness and the Future of Higher Education. General session at the Thailand Cyber University National Conference on E-learning. Bankgok, Thailand.

Wiley, D. (April, 2007). Openness, Localization, and the Future of Learning Objects. Keynote address at the annual BCNet Conference. Vancouver, Canada.

Wiley, D. (February, 2007). Openness and Higher Education: Technology and Policy. Invited address for the University of Kyushu Department of Computer Science occasional lecture series. Fukuoka, Japan.

- Wiley, D. (February, 2007). From Learning Objects to OERs to Sustainability. General session at the annual GLOBE conference. Tokyo, Japan.
- Wiley, D. (November, 2006). Openness and Higher Education Policy. Keynote address at the UNESCO Chair in E-learning Annual Conference. Barcelona, Spain.
- Wiley, D. (November, 2006). Two Views of Competency-based Learning. LORNET Annual Meeting. Quebec, Canada.
- Wiley, D. (November, 2006). Learning Objects and Openness. Invited general session of the LORNET Annual Meeting. Quebec, Canada.
- Wiley, D. (September, 2006). Openness in the higher ed classroom. Keynote address to the 2006 China Open Resources for Education meeting. Xian, China.
- Wiley, D. (August, 2006). eduCommons and open education. Invited address to the Indian National Knowledge Commission Symposium on Open Educational Resources. New Delhi, India.
- Wiley, D. (July, 2006). The future of higher education. Keynote address to The 6th IEEE International Conference on Advanced Learning Technologies (ICALT). Kerkrade, The Netherlands.
- Wiley, D. (April, 2006). Invited presentation to the OpenCourseWare Consortium. Kyoto, Japan.
- Wiley, D. (January, 2006). The current state of open education. Invited paper for the Organisation for Economic Co-operation and Development meeting on Open Educational Resources. Malmo, Sweden.
- Wiley, D. (November, 2005). OpenCourseWare. Research roundtable at the 2005 China-US Conference on Trade, Diplomacy, and Research. Beijing, China.
- Wiley, D. (November, 2005). Teaching and Learning Today and Tomorrow: The Role of Openness in the 21<sup>st</sup> Century University. Invited presentation at Beijing University. Beijing, China.
- Wiley, D. (November, 2005). Teaching and Learning Today and Tomorrow: The Role of Openness in the 21<sup>st</sup> Century University. Invited presentation at Dalian University of Technology. Dalian, China.
- Wiley, D. (November, 2005). Teaching and Learning Today and Tomorrow: The Role of Openness in the 21<sup>st</sup> Century University. Invited presentation at Tsinghua University. Beijing, China.

Wiley, D. (September, 2004). Open Learning Support. Invited presentation at the Open University of the Netherlands: Heerlen, Netherlands.

Wiley, D. (March, 2004). Blogs and education. Invited presentation at the Katholieke Universiteit Leuven: Leuven, Belgium.

Wiley, D. (March, 2004). Increasing access to educational opportunity: Self-organization and openness. Invited presentation at the Open University of the Netherlands: Heerlen, Netherlands.

Wiley, D. (February, 2004). Learning objects, communities, and standards. Opening keynote address given at the WebCT European User Conference: Amsterdam, Netherlands.

Wiley, D. (November, 2003). Determining optimal grain size for learning objects. General Session for Singapore National Learning Objects Appreciation Day, Singapore.

Wiley, D. (November, 2003). The future of learning objects. General session for Singapore National Learning Objects Appreciation Day, Singapore.

Wiley, D. (September, 2003). Learning objects, communities, and standards. Closing keynote address given at the WebCT Asia/Pacific User Conference: Gold Coast, Australia.

Wiley, D. (September, 2003). Using learning objects for problem-based learning. Concurrent session at the WebCT Asia/Pacific User Conference: Gold Coast, Australia.

#### NATIONAL PRESENTATIONS

Highlights: Invited testimony to the Secretary of Education's Commission on the Future of Higher Education, dozens of keynotes, invited talks, and other presentations.

This section is current as of December, 2013

\* indicates student co-presenters

Fischer, L., Hilton, J., Robinson, T., and Wiley, D. (November, 2013). The Impact of OER Science Textbook Adoption on Student Learning in Secondary Schools. Concurrent session at the 10<sup>th</sup> annual Open Education Conference. Park City, UT.

Ball, J., Duffin, J., Merriman, J., Muramatsu, B., and Wiley, D. (November, 2013) Opening Up Assessment: Open Tools and Item Banks. Concurrent session at the 10<sup>th</sup> annual Open Education Conference. Park City, UT.

Thanos, K. and Wiley, D. (November, 2013) A Red Hat for OER: Lumen's Journey Towards a Sustainable Model Supporting OER Adoption and Improvement. Concurrent session at the 10<sup>th</sup> annual Open Education Conference. Park City, UT.

Fischer, L., Hilton, J., Robinson, T., and Wiley, D. (November, 2013). The Impact of OER Textbook Adoption on Student Learning in Eight Post-Secondary Courses. Concurrent session at the Open Education Conference.

Fischer, L., Hilton, J., Robinson, T., and Wiley, D. (November, 2013). Concurrent session at the Open Education Conference.

Barbour, M., Ellsworth, J., Huett, J., Reeves, T., and Wiley, D. (November, 2013). MOOCs Are the Answer! Now, What Was the Question? Presidential session at the annual convention of the Association for Educational Communications and Technology (AECT). Anaheim, CA.

Neugebauer, R. and Wiley, D. (November, 2013). Kaleidoscope: Open General Education Curriculum at Multi-Institutional Scale. Concurrent session at the annual convention of the Association for Educational Communications and Technology (AECT). Anaheim, CA.

Wiley, D. (October, 2013). The Ethics of Openness. University of Minnesota Open Access Week Lecture. Minneapolis, MN.

Wiley, D. (October, 2013). Why Be Open? Workshop at Fort Hayes State University. Hayes, KS.

Wiley, D. (September, 2013). Lessons for DBR from the Open Source and Lean Startup Movements. Presentation at the Design Based Research Conference. Athens, GA.

Cator, K., Florez, D., Rosenberg, T., Thille, C. and Wiley, D. (September, 2013). Is Online the Great Equalizer? Panel at the New York Times Schools for Tomorrow Conference. New York, NY.

Wiley, D. (July, 2013). Leadership in the Context of Open. Keynote address at the AECT Summer Leadership Institute. Bloomington, IN.

Johnson, A. and Wiley, D. (June, 2013). Using Canvas in Unintended Ways to Support Continuous Improvement of OER. Concurrent session at InstructureCon 2013. Park City, UT.

Wiley, D. (May, 2013). Reclaiming Open. Keynote address at the SUNY Librarians Association Conference. Buffalo, NY.

Wiley, D. (April, 2013). Open Source Material in Education. Keynote address at the California Institute for School Improvement Symposium at UC Davis. Davis, CA.

Wiley, D. (April, 2013). Introductory Remarks. The Saylor Foundation Digital Education Conference. Washington, DC.

Wiley, D. (March, 2013). Open: Decreasing Costs, Improving Access, and Increasing Quality of Education. CTL Speaker Series at the University of Georgia. Athens, GA.

Wiley, D. (March, 2013). Tomorrow is Too Late. Workshop at the Ohio State University. Columbus, OH.

Wiley, D. (March, 2013). Open Educational Resources. Workshop at Spokane Community College. Spokane, WA.

Wiley, D. (February, 2013). Effective Practices in Open Education. Workshop at Chadron State College. Chadron, NE.

Wiley, D. (February, 2013). Engaging Students in Online Learning. Workshop at Cerritos College. Norwalk, CA.

Wiley, D. (January, 2013). Open Educational Resources. Workshop for WestEd.

Colorado, J., Hokanson, B., Veletsianos, G., and Wiley, D. (October, 2012). NSF Early Career Symposium. Workshop at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.

Asino, T., Boling, E., Donaldson, D., Gibbons, A., Wiley, D., and Young, P. (October, 2012). What Is the Future of Our Field? What Should We Be Talking about That We Are

Not? Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.

Wiley, D. & Midgley, S. (September, 2012). Open Educational Resources. Aspen Institute Senior Congressional Education Staff Retreat. Baltimore, MD.

Allen, N., Groom, J., Martin, M., & Wiley, D. (August, 2012). Open Educational Resources. Virginia Community College System Chancellor's Planning Retreat 2012. Glen Allen, VA.

Wiley, D. (July, 2012). Open Educational Resources, Cost Savings, and Student Learning. Invited presentation to the WestEd Board of Directors Meeting.

Wiley, D. (May, 2012). Open Education, Open Access, and Challenges to Higher Ed. The Philip H. Knight Dean of Libraries Distinguished Speaker Series. University of Oregon.

Wiley, D. (April, 2012). Openness in Blended Learning: Perfecting the Blend. Keynote address at the 9<sup>th</sup> Annual Sloan Consortium Blended Learning Conference. Milwaukee, WI.

Wiley, D. (April, 2012). An Introduction to Open Educational Resources. Keynote address to the Association of State Supervisors of Mathematics. Philadelphia, PA.

Wiley, D. (March, 2012). Openness and the Future. Keynote address to the ETS Future of Assessment Conference. Princeton, NJ.

Wiley, D. (March, 2012). \$5 Open Textbooks in High School Science Classes. Concurrent session at SXSWEDU. Austin, TX.

Wiley, D. Rosenstock, L., Waters, L., and Khosla, N. (March, 2012). Is Open Content the Future of K-12 Education? Panel presentation at SXSWEDU. Austin, TX.

Wiley, D. (March, 2012). Why Be Open? Keynote address to Rocky Mountain THATCamp. Provo, UT.

Wiley, D. (January, 2012). Why Be Open? Keynote address at the annual meeting of the Open Course Library initiative. Seattle, WA.

Gibbons, A. & Wiley, D. (November, 2011). Design Layers and Functional Design: A Hands-on Experience. Pre-conference workshop at the Annual Meeting of the Association for Educational Communications and Technology. Jacksonville, FL.

Wiley, D. (November, 2011). Transforming Teaching and Learning. Plenary Panel at the State Educational Technology Directors Association Leadership Summit 2011. Baltimore, MD.

- Wiley, D. (November, 2011). Making the Shift from Traditional Textbooks to Digital and Open Content. Panel presentation at the State Educational Technology Directors Association Leadership Summit 2011. Baltimore, MD.
- Hilton, J. & Wiley, D. (October, 2011). Open Access Textbooks and Financial Sustainability: A Case Study on Flat World Knowledge. Concurrent session at the 8<sup>th</sup> Annual Open Education Conference. Park City, UT.
- Wiley, D., Hilton, J., & Hall, T. (October, 2011). Financial and Educational Impact of Open Textbooks in High School Science Courses. Concurrent session at the 8<sup>th</sup> Annual Open Education Conference. Park City, UT.
- Gurell, S. & Wiley, D. (October, 2011). Examining Technical Barriers to OER Reuse Through the Analysis. Concurrent session at the 8<sup>th</sup> Annual Open Education Conference. Park City, UT.
- Wiley, D. (July, 2011). Openness, Analytics, and the LMS. Keynote address. US MoodleMoot. CA.
- Tonks, D., Weston, S., & Wiley, D. (May, 2011). How to Leverage Data to Improve Student Learning and Motivation. Webinar. North American Council on Online Learning. Online.
- Wiley, D. (April, 2011). Open Educational Resources. Logan, UT.
- Wiley, D. (April, 2011). Creating Open Educational Resources. Presentation to the Apple University Executive Forum. Cupertino, CA.
- Wiley, D. (March, 2011). Open Education. Online professional development session for eXtension.org sponsored by the ACE Information Technology and ACE Leadership & Management SIGs.
- Wiley, D. (February, 2011). When Your Intuition Lies to You: The Impact of Free Downloads on Sales. Concurrent session at Life, the Universe, and Everything Conference. Provo, UT.
- Wiley, D. (February, 2011). The Open Future. Keynote address at the ITC Elearning 2011 Conference. Tampa, FL.
- Wiley, D. (February, 2011). An Interdisciplinary Path to Innovation. General session at TEDxBYU. Provo, UT.
- Wiley, D. (February, 2011). Openness, Learning Analytics, and Continuous Quality Improvement. Keynote address at the Educause Learning Initiative 2011 conference. Washington, DC.

- Allen, N., Green, C., Kumar, V., Rossini, C., and Wiley, D. (January, 2011). Open Educational Resources. MacLearning panel discussion organized by Apple Computer.
- Wiley, D., Tonks, D., and Weston, S. (November, 2010). How to Capture and Leverage Data to Improve Student Learning. Concurrent session presentation at the 2010 Virtual School Symposium. Phoenix, AZ.
- Everton, J., Friend, B., Lacey, P., Lopez, G., Rowenhorst, T., Schlegelmilch, M., and Wiley, D. et al. (November, 2010). Open Educational Resources. Preconference workshop at the 2010 Virtual School Symposium. Phoenix, AZ.
- Wiley, D. (October, 2010). Openness and Data Analytics: The Future of Education. Presentation at the annual convention of the Association for Educational Communications and Technology (AECT). Anaheim, FL.
- Tu, C., McIssac, M., Wiley, D., Blocher, M., Armfield, S., and Shearer, R. (October, 2010). Critical Thoughts on Online Learning: Is Course Management System dead? Panel presented at the annual convention of the Association for Educational Communications and Technology (AECT). Anaheim, FL.
- Gibbons, A. and Wiley, D. (October, 2010). Design Layers and Functional Design: A Hands-on Experience. Pre-conference workshop at the annual convention of the Association for Educational Communications and Technology (AECT). Anaheim, FL.
- Wiley, D. (October, 2010). Openness, Data, and a Sustainable Future for Education. Featured Speaker, EDUCAUSE 2010. Anaheim, FL.
- Wiley, D. (June, 2010). Openness, Data, and the Future of Education. Closing keynote address to the sixth annual Games, Learning, and Society conference. Madison, WI.
- Wiley, D. (April, 2010). A Permanent State of Transition. Honors Convocation Address at Marshall University. Huntington, WV.
- Wiley, D. (March, 2010). Open Education and the Future. Invited presentation at TEDxNYED. New York.
- Wiley, D. (March, 2010). Open Education and the Future. Keynote address at the 19<sup>th</sup> annual international conference of the Chair Academy. Minneapolis, MN.
- Wiley, D. (March, 2010). The Open High School model. Invited testimony to the joint meeting of the North Dakota legislature. Bismarck, ND.
- Wiley, D. (March, 2010). The Open High School model. Presentation to the David O. McKay School of Education in conjunction with the annual Benjamin Cluff, Jr. lecture. Provo, UT.

- Wiley, D. (February, 2010). The Open High School model. Invited testimony to the Appropriations Committee of the Kansas House of Representatives.
- Wiley, D. (November, 2009). Open Educational Resources: The Briefest Possible Introduction. Presentation to the Association of Research Libraries Leadership Fellows Program. Provo, UT.
- Wiley, D., Darrow, R., & Marks, J. (November, 2009). Online Courses Go Open Source. Virtual School Symposium 2009. Austin, TX.
- Wiley, D. (November, 2009). When Innovation Gets Difficult. Keynote address to the Midwestern Higher Education Compact annual meeting. Fargo, ND.
- Wiley, D. (October, 2009). Openness and the Disaggregated Future of Education. Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.
- Barbour, M., Cambre, B., Char-Chellman, A., Kowch, E., Marsh, R., Sockman, B., & Wiley, D. (October, 2009). Cybercharters: A Panel Discussion. Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.
- Martindale, T. & Wiley, D. (October, 2009). OpenCourseWare and Personal Learning Environments Trump the Learning Management System. Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.
- Leary, H. Fitt, M., & Wiley, D. (October, 2009). Web 2.0 and the Open Education Movement: Transforming Learning in Higher Education. Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.
- Wiley, D. (October, 2009). A New Model for Cybercharters: The Open High School of Utah. Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.
- Hilton, J. & Wiley, D. (October, 2009). The Impact of Openness on the Practice of Instructional Technology. Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.
- Wiley, D. (October, 2009). The Evolution of Distance Education: A Blueprint for the Future. Concurrent session at the annual meeting of the Association for Educational Communications and Technology (AECT). Louisville, KY.
- Wiley, D. (October, 2009). The Disaggregated Future of Education. Address delivered to the Salt Lake City Rotary Club. Salt Lake City, UT.

- Wiley, D. (September, 2009). Openness and the Future of Education. Closing address delivered as part of the University of Arizona Open Access Week celebration. Tucson, AZ.
- Wiley, D. (September, 2009). Enrolling in the Creative Class: Open Education and the New Economy. Keynote address at the annual CreateWV Conference. Huntington, WV.
- Wiley, D. (September, 2009). Open Educational Resources: Increasing Access to Knowledge. Concurrent session at the annual meeting of the National Network for Educational Renewal (NNER). Seattle, WA.
- Wiley, D. (August, 2009). Openness and the Disaggregated Future of Education. Keynote address delivered to the BYU Independent Study High School Instructor's Conference. Provo, UT.
- Hilton, J., & Wiley, D. (April, 2009). Free digital book distribution: Motivations and effects. Poster presentation at the annual David O. McKay School of Education Mentored Research Conference, Provo, UT.
- Johnson, A., Lee, A., & Wiley, D. (April, 2009). Hands off: Exploring visualizations through an intuitive, wireless interface. Poster presentation at the annual David O. McKay School of Education Mentored Research Conference, Provo, UT.
- Wiley, D. (April, 2009). Forecasting the Post-LMS Era. Keynote address at AcademiX. Salt Lake City, UT.
- Wiley, D. (April, 2009). Openness and the Disaggregated Future of Higher Education. Keynote address at Teaching and Learning with Technology. State College, PA.
- Johansen, J. & Wiley, D. (February, 2009). A Sustainable Future for OpenCourseWare? Connexions Conference 2009. Houston, TX.
- Wiley, D. (January, 2009). Openness and the Disaggregated Future of Higher Education. Invited lecture at the University of Memphis Institute for Intelligent Systems. Memphis, TN.
- Allen, N., Baranuik, R., Nelson, M. & Wiley, D. (January, 2009). Forum on Open Educational Resources. American Library Association Annual Meeting. Denver, CO.
- Wiley, D. (December, 2008). Open Educational Resources: The Vision and the Reality. Keynote address at The Open Forum 2008. Palm Springs, CA.
- Wiley, D. (November, 2008). Openness and the Disaggregated Future of Higher Education. Invited address at E-Learn 2008. Las Vegas, NV.
- Waters, S. & Wiley, D. (November, 2008). The Mean Reply Depth (MRD) Algorithm: A Correlational Study of Qualitative Versus Quantitative Measures of Threaded Discourse. Featured research presentation at AECT 2008. Orlando, FL.

Wiley, D. (September, 2008). A Decade of Open Content. General Session at Open Education 2008. Logan, UT.

Schmidt, C., Cooper, D., Shuttleworth, M., Keats, D., Kurshan, B., Wiley, D., Behlendorf, B. (July, 2008). Changing Education: Open Content, Open Hardware, Open Curricula. Panel discussion at the O'Reilly Open Source Convention (OSCON) 2008. Portland, Oregon.

Wiley, D. (June, 2008). OpenCourseWare. General session at the National University Telecommunications Network 2008 Conference. Park City, Utah.

Wiley, D. (February, 2008). From Learning Objects to Open Educational Resources. Closing plenary session at ID+SCORM 2008. Provo, Utah.

D'Antoni, S. and Wiley, D. (September, 2007). A Way Forward for Open Educational Resources: Deliberations of an International Community of Interest. Plenary session at Open Education 2007. Logan, Utah.

Wiley, D. (September, 2007). The Open Education License. Concurrent session at Open Education 2007. Logan, Utah.

D'Oliveira, C. and Wiley, D. (September, 2007). OCWC Technical Update and Best Practices. Concurrent session at the semi-annual OCW Consortium Meeting. Logan, Utah.

Wiley, D. (September, 2007). Obtaining Government Funding for Your OpenCourseWare. Concurrent session at the semi-annual OCW Consortium Meeting. Logan, Utah.

Wiley, D. (April, 2007). Technology and Creative Teaching. Keynote address at the THE Forum. Baton Rouge, LA.

Wiley, D. (March, 2007). Open for Training: Novell's Open Education Initiative. Annual Novell Brainshare Conference. Salt Lake City, UT.

Wiley, D. (October, 2006). Open Education. Invited presentation for Brigham Young University Department of Instructional Psychology and Technology Lecture Series. Provo, UT.

Wiley, D., et al. (October, 2006). Education Fellows Panel on Innovations in Education. PopTech! Annual Conference. Camden, MN.

Wiley, D. and Henson, S. (June, 2006). An Initial Characterization of Engagement in Informal Social Learning Around MIT OCW. Paper session at the 7th International Conference of the Learning Sciences. Bloomington, IN.

Shelton, B. and Wiley, D. (June, 2006). How Do I Get in the Game?: The Papers, Projects, and Practices of Teaching Educational Games. Panel session at Games, Learning and Society. Madison, WI.

Wiley, D. (June, 2006). The role of openness in the future of higher education. Innovations in E-learning. Arlington, VA.

Wiley, D. (January, 2006). Openness and the future of higher education. Invited testimony to the Secretary of Education's Commission on the Future of Higher Education.

Prensky, M. & Wiley, D. (November, 2005). Re-imagining online education. Closing keynote for WCET 2005: New Orleans, LA.

Martindale, T. & Wiley, D. (October, 2005). Blogs, RSS, and wikis. Concurrent Session at 2005 AECT International Convention: Orlando, FL.

Margulies, A., Mattkin, G., & Wiley, D. (April, 2005). Open content is here: What it means for higher education. 90<sup>th</sup> Annual Meeting of the University Continuing Education Association: Boston, MA.

Wiley, D. (February, 2005). The state of learning objects in relation to instructional design. IEEE Learning Technology Standards Committee Workshop on SCORM Sequencing and Navigation: Gaithersburg, MD.

Wiley, D. (November, 2004). Engaging online learners. Invited presentation at the annual meeting of WCET: San Antonio, TX.

Wiley, D. (October, 2004). Featured speaker on the Radical Thinkers Series at the Association for Educational Communications and Technology: Chicago, IL.

Loh, C. S., Wiley, D., Rieber, L., van Eck, R., & Holschuh, D. (October, 2004). Let's Make R.O.O.M. for Games. Panel discussion at the annual meeting of the Association for Educational Communications and Technology: Chicago, IL.

McConkie, M., Van Schaack, A., Wade, D., Barclay, M., & Wiley, D. (October 2004). EduCommons: A Development Space for Free and Open Educational Materials. Roundtable session at the annual meeting of the Association for Educational Communications and Technology: Chicago, IL.

Henson, S., Wade, D., & Wiley, D. (October, 2004). The Need for Social Learning around MIT's OpenCourseWare Collection. Concurrent session at the annual meeting of the Association for Educational Communications and Technology: Chicago, IL.

Lambert, B., Ball, J., & Wiley, D. (October, 2004). Design and Implementation of an Informal Learning Community around MIT OpenCourseWare. Concurrent session at the

annual meeting of the Association for Educational Communications and Technology: Chicago, IL.

McConkie, M., Dehlin, J., & Wiley, D. (October, 2004). Initial Findings from the Open Learning Support Pilot. Concurrent session at the annual meeting of the Association for Educational Communications and Technology: Chicago, IL.

Wiley, D. (September, 2004). An Introduction to the IMS Learning Design Specification. The 16<sup>th</sup> Annual Instructional Technology Institute: Logan, Utah.

Wiley, D. & Lambert, B. (September, 2004). Open Learning Support. The 16<sup>th</sup> Annual Instructional Technology Institute: Logan, Utah.

Gur, B. & Wiley, D. (September, 2004). A Hermeneutic Approach to Learning Objects Design. The 16<sup>th</sup> Annual Instructional Technology Institute: Logan, Utah.

Wiley, D. (July, 2004). Interoperability of learning technology tools. The Second Annual Advanced Learning Technologies Interoperability Laboratory (Altilab) Meeting: San Francisco.

Wiley, D. (May, 2004). Emerging technologies for learning. Concurrent session at the Professors of Instructional Design and Technology conference: Blacksburg, Virginia.

Wiley, D. (March, 2004). Expanding the possibilities for learning through web-based communications. Presentation at the University of North Texas: Denton, Texas.

Wiley, D. (February, 2004). Instructional design and learning objects. Panel session at the annual meeting of the American Society for Training and Development: Anaheim, CA.

Wiley, D. (October, 2003). A unified model for educational components and educational discourse. Concurrent session at the annual meeting of the Association for Educational Communications and Technology: Anaheim, CA.

Martindale, T. & Wiley, D. (October, 2003). Emerging instructional technologies: Blogs and wikis. Concurrent session at the annual meeting of the Association for Educational Communications and Technology: Anaheim, CA.

Spector, M. & Wiley, D. (October, 2003). Questioning Merrill. Panel discussion at the annual meeting of the Association for Educational Communications and Technology: Anaheim, CA.

Cropper, M., Tinney, M. V., Gibbons, A. & Wiley, D. (October, 2003). SCORM implemented. Panel discussion at the annual meeting of the Association for Educational Communications and Technology: Anaheim, CA.

- Beatty, B., Brannon, R., & Wiley, D. (October, 2003). SCORM or Scorn? Panel discussion at the annual meeting of the Association for Educational Communications and Technology: Anaheim, CA.
- Wiley, D. (October, 2003). The ethical imperatives of instructional designers in a networked world. Presentation for Brigham Young University Instructional Psychology and Technology Lecture Series: Provo, UT.
- Wiley, D. (October, 2003). Educational uses of repositories. Panel discussion at the Advanced Distributed Learning Academic Co-Laboratory Repository Summit: Madison, WI.
- Wiley, D. (September, 2003). Open sustainable learning opportunity. General Session at the USU Instructional Technology Institute: Logan, UT.
- Wiley, D. (July, 2003). Online learning tool interoperability. Working group leader for two-day working group meeting at the MIT Advancing Learning Technology Interoperability Meeting: Boston, MA.
- Wiley, D. (June, 2003). Using learning objects. Presentation at the Learning Objects Workshop / EdMedia: Honolulu, HI.
- Wiley, D. & Martindale, T, (May, 2003). Weblogs and wikis. Concurrent session at the Professors of Instructional Design and Technology: Estes Park, CO.
- Wiley, D. (April, 2003). Social learning in an ITS world. Paper presented at the annual meeting of the American Educational Research Association: Chicago, IL.
- Wiley, D. (April, 2003). A proposed measure of discussion activity in threaded discussion spaces. Paper presented at the annual meeting of the American Educational Research Association: Chicago, IL.
- Wiley, D. (March, 2003). Learning, reusable media, and discourse. Teaching and Learning with Technology, University of British Columbia: Vancouver, BC.
- Wiley, D. (March, 2003). Collaboration, components, conformance. ID2SCORM / BYU: Provo, UT.
- Wiley, D. (February, 2003). Scalability and Sociability in Online Learning Environments. Joint NSF/ONR Conference on Technology Assessment of Web-Based Learning: Los Angeles, CA.
- Wiley, D. (January, 2003). Learning object development and design as an emerging paradigm. Building and Assessing Sharable Content: Ohio Learning Network Conference at Ohio State University: Columbus, OH.

- Wiley, D. (December, 2002). Aligning contexts of practice and performance in computer science instruction. Presentation to North Face Learning, Inc.
- Bannan-Ritland, B., Hill, J., Nelson, L. M., Moore, J., Wiley, D., & Yamagata-Lynch, L. (November, 2002). Where is IT? Junior faculty's reflections on the state of the field. Panel discussion at the annual meeting of the Association for Educational Communications and Technology: Dallas, TX.
- Edwards, E. K., Wiley, D., Allen, S. A., & Walker, A. (November, 2002). Regotiate this: Tales of resource negotiation. Full paper presented at the annual meeting of the Association for Educational Communications and Technology: Dallas, TX.
- Lowell, N., Roberts, S. L., Wiley, D., & Winograd, D. (November, 2002). Beyond the classroom: Using distance education to transcend the classroom experience. Panel discussion at the annual meeting of the Association for Educational Communications and Technology: Dallas, TX.
- Wiley, D., Edwards, E., K., & Allen, S. (November, 2002). Online self-organizing social systems: Complex, problem-centered learning in large-scale informal environments. Full paper presented at the annual meeting of the Association for Educational Communications and Technology: Dallas, TX.
- Yamagata-Lynch, L. & Wiley, D. (November, 2002). Implications of sociocultural theory for research in instructional technology. Full paper presented at the annual meeting of the Association for Educational Communications and Technology: Dallas, TX.
- Wiley, D. (August, 2002). Learning objects: Past, present and future. Closing keynote for the 14th Annual Instructional Technology Institute.
- Wiley, D. (July, 2002). Prepare for IMPACT: The next 12 months of instructional technology. Closing Keynote for the WebCT Users Conference: Boston, MA.
- Wiley, D. (July, 2002). Collision course: Two trends in online learning. Invited presentation for the Institute for Managing and Delivering E-Learning: Salt Lake City, UT.
- Wiley, D. (July, 2002.) Sustainable education. Invited presentation for the Marshall University CIT Presents Series: Huntington, WV.
- Visser, Y. L. & Amirault, R. J. (April, 2002). Learning Objects Technology: Implications for Educational Research and Practice. Invited member of panel presentation made at the annual meeting of the American Educational Research Association: New Orleans, LA.
- Wiley, D. (January, 2002; Invited). Peer-to-peer and the future of online learning. Paper presented at the semiannual meeting of the Peer-to-peer Working Group of the Internet2 Project.

- Wiley, D. (November, 2001). Learning objects, meet Napster; Napster, learning objects. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Atlanta, GA.
- Wiley, D., Nelson, L. M., & Edwards, E. K. (November, 2001). Self-organization, autopoiesis, and online collaborative learning. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Atlanta, GA.
- Walker, A., Recker, M. M., & Wiley, D. (November, 2001). Beyond Amazon.com: Collaborative filtering applications in education. Roundtable presented at the annual meeting of the Association for Educational Communications and Technology, Atlanta, GA.
- Recker, M. M., Wiley, D., & Walker, A. (November, 2001). The Instructional Architect: Accessing and Combining Learning Objects for Instruction. Roundtable presented at the annual meeting of the Association for Educational Communications and Technology, Atlanta, GA.
- Wiley, D. (March, 2001). Peer-to-peer is *not* evil: Educational P2P applications. Paper presented at the semiannual Internet2 conference, Washington, D. C.
- Wiley, D. (February, 2001). Educational applications of peer-to-peer technologies. BOF session at the first annual O'Reilly Peer-to-Peer Conference, San Francisco, CA.
- Wiley, D. (October, 2000). A preliminary taxonomy of learning object types. Presentation at the Association of Educational Communications and Technology, Denver, CO.
- Wiley, D. Bunderson, C. V., Welch, L., Strong-Krause, D. & Newby, V. (October, 2000). Using domain theory to model learner expertise. Presentation at the Association of Educational Communications and Technology, Denver, CO.
- Bunderson, C. V., Strong-Krause, D., Wiley, D. (April, 2000). Foundations of Design Experiments: Science Philosophy, Measurement, and Validation Methodology. Symposium at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Wiley, D. (April, 2000). An ISD process for online component-based instruction. Roundtable session at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Seawright, L. L., Wiley, D., Bassett, J., Peterson, T. F., Nelson, L. M., South, J. B., & Howell, S. L. (April, 2000). Faculty needs for and obstacles to using online course materials. Roundtable session at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Seawright, L. L., Wiley, D., Bassett, J., Peterson, T. F., Nelson, L. M., South, J. B., & Howell, S. L. (April, 2000). Identifying faculty needs for online course management and

- support. Concurrent session at the annual meeting of the Association for Educational Communications and Technology, Long Beach, CA.
- Seawright, L. L., Bassett, J., Wiley, D., Peterson, T. F., Nelson, L. M., & South, J. B. (February, 2000). A design tool for classifying the level of interactivity and amount of instruction delivered online. Concurrent session at the annual meeting of the Association for Educational Communications and Technology, Long Beach, CA.
- Wiley, D. (February, 2000). Locating and incorporating learning objects into online instruction. Concurrent session at the annual meeting of the Association for Educational Communications and Technology, Long Beach, CA.
- Wiley, D. (1999, October). Where's the learning in learning object? *Educational resource discovery and metadata: A technical perspective*. Workshop at the annual WebNet conference of the Association for the Advancement of Computers in Education, Honolulu, HI.
- Wiley, D., Seawright, L. L., Peterson, T. F., Bassett, J., & Nelson, L. (1999). Selecting an online course management system. Concurrent session at the annual WebNet conference of the Association for the Advancement of Computers in Education, Waikiki, HI.
- Bassett, J., Monson, D., & Wiley, D. (1999). How the U.S. top twenty-five WIRED schools are using web technology. Concurrent session at the annual WebNet conference of the Association for the Advancement of Computers in Education, Waikiki, HI.
- Seawright, L. L., Peterson, T. F., Bassett, J., Nelson, L. M., Wiley, D., & South, J. B. (1999). A classification system for the level of interactivity and amount of instruction delivered online. Concurrent session at the annual WebNet conference of the Association for the Advancement of Computers in Education, Waikiki, HI.
- Monson, D. W., South, J. B., Nelson, L. M., & Wiley, D. (1999, February). *A systems approach to implementing a campus wide instructional development system*. Concurrent session at the annual meeting of the Association for Educational Communications and Technology, Houston, TX.
- Wiley, D., & Robson, R. (1999, October). *Educational resource discovery and metadata: A technical perspective*. Workshop at the annual WebNet conference of the Association for the Advancement of Computers in Education, Honolulu, HI.
- Robson, R., & Wiley, D. (1999, October). Web pedagogy seminar: Managing and delivering online instructional content. Workshop at the annual WebNet conference of the Association for the Advancement of Computers in Education, Honolulu, HI.
- Wiley, D. (1998, December). *Overview of the IMS Project*. Workshop at the December meeting of the Digital Library Initiative Committee, Brigham Young University, Provo, UT

- Robson, R., & Wiley, D. (1998, October). Web pedagogy seminar: Managing and delivering online instructional content. Workshop at the annual WebNet conference of the Association for the Advancement of Computers in Education, Orlando, FL.
- Wiley, D., Monson, D. W., Nelson, L., & South, J. (1998, October). *A method for enabling extensible digital learning environments*. Concurrent session at the annual WebNet conference of the Association for the Advancement of Computers in Education, Orlando, FL.
- Wiley, D., & Monson, D. W. (1998, September). *Object oriented digital learning environment design theory*. Concurrent session at the ID2 Summer Institute, Logan, UT. (Invited presentation.)
- Wiley, D., & Morgan, B. M. (1998, March). *Course development using WebCT*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.
- Wiley, D., & Morgan, B. M. (1998, March). *Advanced Outlook features*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.
- Wiley, D., & Morgan, B. M. (1998, March). *Converting documents to HTML using Word Processors*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.
- Morgan, B. M., & Wiley, D. (1998, March). *HTML editors*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.
- Wiley, D. (1997, December). *Overcoming electronic course delivery's greatest obstacle: Specific policy recommendations for institutions of higher learning.* Concurrent session at the annual conference of CAUSE, Orlando, FL.
- Wiley, D. (1997, June). *Planning for easy site maintenance*. Workshop presented for the Bell Atlantic World School Advisory Board.
- Wiley, D., & Morgan, B. M. (1997, October). *Using Microsoft Outlook for e-mail*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.
- Wiley, D., & Morgan, B. M. (1997, October). *How to use computer-based training (CBT)*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.

Morgan, B. M., & Wiley, D. (1997, October). *Advanced Outlook features*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.

Morgan, B. M., & Wiley, D. (1997, October). *Converting course syllabi and other materials into web-ready documents*. Workshop presented at the semi-annual Instructional Technology Symposium, Marshall University, Huntington, WV.

Wiley, D. (1996, April). *Journalism and the internet*. Workshop presented for employees of the *Herald Dispatch*, Huntington, WV.

#### CONSULTING AND OTHER CONTRACT WORK

Highlights: Work for UNESCO, PBS, the OECD, and the Institute for Defense Analyses

# SOL 2.0, UCLA Civil Rights Project, funded by the Bill and Melinda Gates Foundation

Los Angeles, California

Open Education Expert, 2011-2012. Provide guidance to the SOL 2.0 Project regarding open educational resources, open licensing, and technology platforms.

# Kaleidoscope Project, a Next Generation Learning Challenges Grant awardee

Norwalk, California

Open Education Expert, 2011-2012. Provide guidance to the Kaleidoscope Project college partners regarding open education; participate in research and data analysis and visualization.

## **Organisation for Economic Co-operation and Development (OECD)**

Paris. France

Consultant, 2006. Prepared a commissioned whitepaper on sustainability models for open education.

# **United Nations Educational, Scientific and Cultural Organization (UNESCO)**

Paris, France

Moderator, 2005. Prepared background materials and moderated an international online forum on open educational resources (over 400 participants from over 80 countries).

## **Public Broadcasting System (PBS)**

Washington, DC

Consultant, 2004. Provided support and consulting for a project whose goal was to choose an LMS for system-wide delivery of instructional content.

#### Didactics, Inc.

Arlington, VA.

Consultant, 2003-2006. Design and develop advanced pedagogies and technologies for instruction.

#### **Northface University**

Salt Lake City, UT

Consultant, 2002-2003. Develop innovative pedagogies to improve the education of software professionals. Plan and carry out research related to improving and validating the selected instructional approaches.

#### **Institute for Defense Analyses**

Arlington, VA

Consultant, 2002-2006. Work on issues related to interaction of pedagogy and learning technology standards, demonstrate innovative pedagogical practice within the SCORM standards context, participate in CORDRA related work.

#### Avaltus, Inc.

Salt Lake City, UT

Consultant, 2001. Learning object taxonomy building, learning object utilization strategy, metadata utilization planning.

#### University of Oklahoma Health Sciences Center

University of Oklahoma, Oklahoma City, Oklahoma

Consultant, 2001. Development of learning object utilization strategy for next-generation online medical instruction software. Metadata utilization consultation.

## **Center for Instructional Design**

Brigham Young University, Provo, Utah

Consultant, 2000 - 2001. Advice on tools for the creation, storage, and searching of learning object metadata. Open Source ideals advocacy.

# **Arthur Anderson Performance and Learning Group**

St. Charles, Illinois

Consultant, 1999. Connecting problem-based instructional design theories, particularly Schank's Goal-based Scenario approach, to learning objects development and use.

#### **Instructional Management Systems (IMS) Project**

Brigham Young University, Provo, Utah

Consultant, 1999. Making the difficult concepts in the learning object metadata specification understandable by normal human beings. Work on user interfaces to and search strategies for learning object metadata repositories.

#### **Freelance Translator**

Huntington, West Virginia

Translator and Consultant, 1993 - 1998. Provided Japanese translation and cultural consulting services to regional businesses serving Japanese customers.

#### PRESS AND MEDIA COVERAGE

Highlights: Coverage of my work and expert opinion solicited by the New York Times, The Wall Street Journal, National Public Radio, The Economist, USA Today, Newsweek, Reuters, the London Financial Times, The Hindu, and the Chronicle of Higher Education

#### **Selections from 2012**

Forbes (June, 2012). Can E-Textbooks Be Both Free And Profitable? Bertelsmann Seems To Think So.

Reuters (April, 2012). Online startup seeks to rival the Ivy League.

New York Times (March, 2012). Beyond the College Degree, Online Educational Badges

Chronicle of Higher Education (February, 2012). Panel Ponders Future of Open-Education Resources

*Huffington Post* (January, 2012). Let's Make the Human Right to Education a Reality—A Call to Keyboards

Fast Company (January, 2012). Educational Technology Experts Skeptical About Apple's iBooks

Salt Lake Tribune (January, 2012). BYU scholar is a leader in advancing education technology

#### HONORS AND AWARDS

For a more up-to-date listing, see <a href="https://davidwiley.org/">https://davidwiley.org/</a>

# Distinguished Alumni Award

Marshall University Awardee, 2013.

#### **Trailblazer Award**

*Open High School of Utah* Awardee, 2011.

# John Deaver Drinko Outstanding Achievement Award

Marshall University Awardee, 2010.

# 100 Most Creative People in Business

Fast Company Included (#78), 2009.

# **USU Faculty Researcher of the Year**

Utah State University Finalist, 2008.

#### Scholar / Researcher of the Year

Utah State University College of Education and Human Services Awardee, 2008.

# **Outstanding Faculty Burnham Leadership Award**

Utah State University Department of Instructional Technology Awardee, 2007.

#### **TR35**

MIT Technology Review Young Innovators Under 35 Nominee, 2006.

#### **POLICY**

Utah State Office of Education Open Textbooks Policy (2012). Gathered, analyzed, and communicated two years of open textbook pilot data. Worked as a consultant to the USOE in forming their open textbook strategy and on the public announcement. The USOE now supports the adoption of open textbooks for all secondary mathematics, science, and language arts classes in Utah.

US Senate Bill 1714 - Open College Textbook Act of 2009: To authorize grants for the creation, update, or adaption of open textbooks, and for other purposes. Worked as a consultant to Senator Dick Durbin's staff to help develop the framework for this bill, including key concepts like requirements for marketing, distribution, and adoption reporting.

Utah Administrative Rule R277-111 Sharing of Curriculum Materials by Public School Educators (2009) - Met with State Superintendent of Public Instruction and staff to propose and outline a new administrative rule that assures public school teachers that they are permitted to share materials they create under Creative Commons licenses as open educational resources. Approved.

Marshall University E-Course Policy (1997) - Research into policy issues surrounding higher education online, specifically intellectual property. Initial development of the Marshall University E-Course Policy, addressing issues such as intellectual property, faculty load, and access to student services (e.g., library), and chairing the committee that ultimately adopted the policy.

## **CLASSES TAUGHT**

#### **Brigham Young University**

HONORS 295R Sharing the Gospel Using the Internet

IPT 301 Educational Psychology

IPT 515R Grant Writing

IPT 531 Introduction to Open Education

IPT 564 Instructional Design

IPT 682 Grant Writing and Project Management

IPT 692R Entrepreneurship in Education

IPT 692R Introduction to Open Education

IPT 692R New Media, Social Media, and Learning

IPT 692R Open Education Policy Seminar

# **Utah State University**

INST 5280 Blogs, Wikis, and New Media

INST 6280 Evaluation Methodologies in Instructional Technology

INST 6820 Instructional Design Studio II

INST 6870 Learning Objects and Learning Technology Standards

INST 7870 Current Issues Seminar (Philosophical Foundations of IT)

INST 7000 Pro-seminar I in Instructional Technology

INST 7150 Introduction to Open Education

INST 7150 Review of Research in Internet-based Learning

**INST 7150 Understanding Online Interaction** 

INST 7150 Introduction to Open Education

INST 7150 Advanced Seminar in Learning Objects

INST 7200 Quantitative Research in Instructional Technology

INST 7300 Qualitative & Interpretive Research in Instructional Technology

INST 7870 Philosophical Foundations of Instructional Technology

#### **Marshall University**

CSD 482 Advanced Web Techniques
CT 108 Conducting Business on the Internet
CT 107 Internet Fundamentals

# **Ashland Community College**

CIS 151 Introduction to E-Business

#### **SERVICE**

#### SERVICE RELATED TO THE DISSEMINATION OF RESEARCH

Science

Article Reviewer

Educational Technology Research and Development

Article Reviewer

Educational Technology & Society

Article Reviewer

American Educational Research Association

SIG-IT Proposal Reviewer

**Tech Trends** 

Regular Columnist and Article Reviewer

Interdisciplinary Journal of Knowledge and Learning Objects

Advisory Board Member

Design and Development Division of the Association for Educational Communications

and Technology

Vice President for Communications and Proposal Reviewer

**Creative Commons** 

Educational License Project Lead

#### SERVICE WITHIN THE UNIVERSITY

# **Library and Scholarly Communications Advisory Council**

*Harold B. Lee Library, Brigham Young University* Member, 2008-2011

## **Open Rank Professor Search Committee**

Department of Instructional Technology, Utah State University Chair, 09/07-06/08

#### **Institutional Review Board**

*Utah State University* Member, 08/06 – 06/08

# **Department Head Search Committee**

Department of Instructional Technology, Utah State University Member, 07/06-09/07

#### **Assistant Professor Search Committee**

Department of Instructional Technology, Utah State University Member, 09/06-04/07

## **Vice President for Information Technology Search Committee**

*Utah State University* Member, 08/04-2005

#### **Assistant Professor Search Committee**

Department of Instructional Technology, Utah State University Chair, 01/04-08/05

#### **Associate Professor Search Committee**

Department of Instructional Technology, Utah State University Member, 01/04-06/04

# **Strategic Copyright Committee**

*Utah State University* Member, 04/03-present

# **College of Education Curriculum Committee**

*Utah State University* Member, 09/02-09/04

#### ADDITIONAL PROFESSIONAL SERVICE

Service as a Member of the Scientific Commission of the Universitat Oberta de Catalunya (the Open University of Catalonia)

Service as Tenure and Promotion External Reviewer for faculty at:

Duke University

University of North Dakota

Pennsylvania State University

Southern Illinois University Carbondale

Virginia Tech

Service on the Board of Directors of the following organizations:

Association for Educational Communications and Technology (AECT)

Mountain Heights Academy

Know Your Lemons Foundation

Service on the Board of Advisors of the following organizations:

**Agilix** 

American Institutes for Research

Saylor Foundation

Peer to Peer University

University of the People

Florida Department of Education CPALMS Initiative

Bell Atlantic World School

#### OTHER SERVICE

#### **Trenton Town Fire Board**

*Trenton, Utah* Chair, 3/08 – 6/08

#### **Strategic Planning Task Force**

*Association for Educational Communications and Technology (AECT)* Member, 01/05 - 10/05

#### **Design and Development Special Interest Group**

Association for Educational Communications and Technology Vice President for Communications, 11/03-01/04

#### **National Science Digital Library Steering Committee**

*National Science Foundation* Member, 10/00-02

#### **National Science Digital Library Standards Committee**

*National Science Foundation* Chair, 10/00 - 02

#### **Instructional Psychology & Technology Student Organization**

Department of Instructional Psychology & Technology President, 9/99 – 8/00

#### **Toolbash Working Group**

*Instructional Management Systems (IMS) Project* Member, 2/99 – 12/99

# **Semantic Structures Working Group**

*Instructional Management Systems (IMS) Project* Member, 10/98 – 12/99

# **Digital Library Initiative Committee**

*Brigham Young University, Provo, Utah* Member, 6/98 – 4/99

## **Internet Designer Search Committee**

*Marshall University, Huntington, West Virginia* Chair, 2/98 – 5/98

## **University Library Equipment Committee**

*Marshall University, Huntington, West Virginia*Member, 10/97 - 5/98. Specified \$300,000 of high-end hardware to be used for new state-of-the-art multimedia work facilities in the new university library.

# **Instructional Technologist Search Committee**

*Marshall University, Huntington, West Virginia* Chair, 7/97 - 10/97.

#### **Electronic Publishing OverSite Committee**

Marshall University, Huntington, West Virginia

Chair, 1/97 - 5/98. Established policy regarding all official university online activities, including online course policies, style guides, etc.

#### **Reducing Paper Use Through Technology Committee**

Marshall University, Huntington, West Virginia

Chair, 6/97 - 5/98. Monitored technology initiatives on campus for potential areas where paper use could be reduced. Made recommendations to the administration.

#### **Electronic Course Policy Advisory Committee**

Marshall University, Huntington, West Virginia

Editor/Member, 1/97 - 8/97. Created draft E-Course policy recommendation. Incorporated changes suggested by E-Course committee into draft recommendation. Formally submitted policy recommendation paper to the President.

#### **University Honors Committee**

Marshall University, Huntington, West Virginia

Member, 8/96 - 5/97. Reviewed and made final decisions regarding honors course offering proposals.

#### **Latter-day Saint Student Organization**

*Marshall University, Huntington, West Virginia*President, 8/95 – 5/96. Planned and coordinated YSA activities and Institute classes.

# **International Student Organization**

*Marshall University, Huntington, West Virginia* Vice President, 8/94 – 5/96. Served international students by coordinating informal tutoring program, serving as a tutor, hosting parties, providing transportation, etc.

# **CURRENT AND PAST PROFESSIONAL AFFILIATIONS**

Association for Computing Machinery

American Educational Research Association

Association for Educational Communications and Technology

Association for the Advancement of Computing in Education

**Creative Commons** 

Institute of Electrical and Electronics Engineers

PROLEARN Network of Excellence

The Public Library of Science

Utah Council for Citizen Diplomacy