

Curriculum Vitae
JONAN PHILLIP DONALDSON
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Education

Ph.D. in Educational Leadership Development and Learning Technologies

Drexel University, Philadelphia, PA 2015-2019
Dissertation: Conceptualizations of Learning in the Learning Sciences and STEM Education
Advisor: Dr. Brian K. Smith

Master of Science in Education: Information Technology

Western Oregon University, Monmouth, OR 2009-2010
Thesis: Instructional Technology Design

Master of Arts in Theater Arts

Portland State University, Portland, OR 1995-1996
Thesis: Onnagata: Alignments between Kabuki and Shakespearean Performance

Certification: Teaching English to Speakers of Other Languages

Portland State University, Portland, OR 1994-1995

Bachelor of Arts in Applied Linguistics

Portland State University, Portland, OR 1992-1995

Experience

Consulting and Design

Multiple Institutions April 2017 - present

Intel Corporation - Game Developer Learning Program: Served as a consultant for the development of a culture of learning program for game developers working with Intel.

Oregon State University - Learning Experience Design Certificate Program: Developed a professional continuing education certificate program in learning experience design (LXD), including design of two of the six courses in the series and leading the overall program development.

Blue Mountain Community College, Oregon - Online Teaching Workshop Series: Designed, developed, and built a series of faculty development workshops in developing and teaching online courses.

Drexel University, Pennsylvania - Early Grades Leadership Community of Practice: Designed and built an online platform and suite of related social media tools for school principals at schools with early education (pre-k to 3rd grade) in Pennsylvania.

Adjunct Instructor — Adult Ed & Higher Ed Leadership

Oregon State University, Corvallis, Oregon Sept 2012 – Aug 2016
Developed and taught graduate-level instructional technologies courses.

Instructional Designer

Oregon State University, Corvallis, Oregon June 2012 - Aug 2015
Collaborated with faculty and the Ecampus team to build online courses designed to meet Quality Matters standards. Worked with the Ecampus team to support faculty in migrating from Blackboard 9.1 to Canvas. Collaborated with colleges and departments to build hybrid graduate programs designed to meet accreditation standards. Conducted Quality Matters pre-reviews, and facilitated course revisions to meet standards. Developed and facilitated faculty trainings

Adjunct Instructor — Education; Developmental Education; Theater

Chemeketa Community College, Salem, Oregon Oct 2006 – April 2015
Developed and taught undergraduate educational technology, technology for ESL, and theater arts courses. Directed college productions of Hamlet and other stage performances.

Adjunct Instructor — Education: Computer Science for Education

Western Oregon University, Monmouth, Oregon Jan 2010 - April 2013
Developed and taught graduate level courses in computer science for education

Faculty Support Specialist for Distance Learning — Chemeketa Online

Chemeketa Community College, Salem, Oregon Aug 2011 - Nov 2012
Helped faculty design, build, and teach online, hybrid, and web-enhanced courses. Assisted faculty in migrating courses from Blackboard CE8 to Blackboard Learn 9.1. Developed and facilitated faculty trainings

Lead Instructor — Intensive English Program

Western Oregon University, Monmouth, Oregon Aug 2007 - June 2011
Coordinated the Intensive English Program schedule, curriculum, and assessments, led the project management for accreditation, and taught in the Intensive English Program.

English Language Instructor/Lecturer/Teacher Trainer

ECC Foreign Language Institute, Osaka, Japan 1996-2006
Taught English as a Second Language in group classroom settings. Directed curriculum development projects including a package for helping students achieve near-native pronunciation

production and listening skills. Conducted workshops for new teachers in teaching methodology and classroom management.

Publications

Books and Long Manuscripts

Donaldson, J. P. (2019). *Conceptualizations of learning in the learning sciences and STEM education*. (Ph.D. Dissertation), Drexel University, Philadelphia, PA.

Peer Reviewed Book Chapters

Donaldson, J. P., Barany, A. & Smith, B. K. (in press). Situated learning through situating learners as designers. In M. J. Bishop, J. Elen, E. Boling, & V. Svihla (Eds.), *Handbook of Research on Educational Communications and Technology (5th ed.)* (pp. 1-24). New York: Springer International Publishing

Donaldson, J. P., & Smith, B. K. (2017). Design thinking, designerly ways of knowing, and engaged learning. In M. J. Spector, B. B. Lockee, & M. D. Childress (Eds.), *Learning, Design, and Technology: An International Compendium of Theory, Research, Practice, and Policy* (pp. 1-24). Cham: Springer International Publishing.

Hammrich, P., Cellitti, J., & Donaldson, J. P. (2017). Empowerment and creativity through cooperative controversy. In F. Reisman (Ed.), *Creativity, Innovation, and Wellbeing* (pp. 123-138). London: KIE Conference Publications.

Donaldson, J. (2016). Alignment of creativity tools and techniques with theory and research. In Reisman, F. K. (Ed.) *Creativity in arts, science and technology* (pp. 260-279). London: KIE Conference Publications.

Donaldson, J. P. (2016). Role negotiation in collaborative projects. In A. Kok, & H. Lee (Eds.) *Cultural, Behavioral, and Social Considerations in Electronic Collaboration* (pp. 218-234). Hershey, PA: . doi:10.4018/978-1-4666-9556-6.ch012

Peer Reviewed Journal Articles

Donaldson, J. P. & Allen-Handy, A. (under review). *The nature and power of conceptualizations of learning*.

Donaldson, J.P., Cellitti, J., & Hammrich, P. L. (under review). *Conceptual shift through cooperative controversy*.

Donaldson, J., & Hammrich, P. L. (2016). Sports as a creative way to teach science. *International Journal of Curriculum and Instruction*, 8(2), 64-72.

Donaldson, J. P. & Bucy, M. (2016). Motivation and engagement in Authorship Learning. *College Teaching*, 64(3), 130-138. doi:10.1080/87567555.2015.1125842

Peer Reviewed Conference Proceedings

Donaldson, J. P. (2019). *Conceptualizations of learning in ijCSCL*. Paper presented at the International Conference on Computer Supported Collaborative Learning, Lyon, France.

- Donaldson, J. P., & Hammrich, P. L. (2019). *Conceptual Metaphor, Critical Pedagogy, and Educational Research*. Paper presented at the 2019 American Educational Research Association Annual Meeting, Toronto, CA.
- Donaldson, J.P. & Barany, A. (2019). *Designerly ways of learning*. Paper presented at the FabLearn 2019 Eighth Annual Conference, New York.
- Wheeler, P., Trausan-Matu, S., Donaldson, J. P., & Barany, A. (2019). *Experiencing and analysing embodied design thinking in CSCL*. Paper presented at the International Conference on Computer Supported Collaborative Learning, Lyon, France.
- Donaldson, J. P., & Hammrich, P. L. (2018). *Critical pedagogy and conceptual metaphor*. Paper presented at the International Conference on Urban Education Annual Conference, Nassau, Bahamas.
- Donaldson, J. P. (2018). *Conceptual shift through constructionist learning*. Paper presented at the 13th International Conference on the Learning Sciences, London, England.
- Donaldson, J. P. (2018). *Designing learning environments to facilitate creativity*. Paper presented at the 13th International Conference on the Learning Sciences, London, England.
- Wheeler, P., Trausan-Matu, S., Donaldson, J. P., & Barany, A. (2018). *Design-activity-sequence: A case study and polyphonic analysis of learning in a digital design thinking workshop*. Paper presented at the 13th International Conference on the Learning Sciences, London, England.
- Donaldson, J. P. (2018). *Public perceptions of learning*. Paper presented at the 2018 American Educational Research Association Annual Meeting, New York, NY.
- Gasson, S., & Donaldson, J. P. (2018). *Peer and vicarious framing, problematization, and situated learning in online professional masters courses*. Paper presented at the 51st Hawaii International Conference on System Sciences, Waikoloa, HI.
- Donaldson, J. P., & Barany, A. (2017, June 18-22, 2017). *Digitally-mediated design thinking in CSCL environments*. Paper presented at the Computer Supported Collaborative Learning, Philadelphia, PA.
- Donaldson, J. P., & Bucy, M. (2017). *Constructionism and authorship learning*. Paper presented at the 2017 American Educational Research Association Annual Meeting, San Antonio, TX.
- Donaldson, J. P. (2017). *The creativity landscape framework and design of learning*. Paper presented at the 2017 American Educational Research Association Annual Meeting, San Antonio, TX.
- Donaldson, J. P. (2017). *Metaphors, worldviews, and the every student succeeds act*. Paper presented at the 2017 American Educational Research Association Annual Meeting, San Antonio, TX.

Donaldson, J. (2013). *Learners as producers: Structuring courses around OER production by students*. Proceedings of the OpenCourseWare Consortium Global Conference, May 10, 2013

Other Publications

Donaldson, J.P. (2014). *The maker movement and the rebirth of constructionism*. Hybrid Pedagogy: January 23, 2014.

<http://www.hybridpedagogy.com/journal/constructionism-reborn/>

Donaldson, J., Agra, E., Alshammari, M., Bailey, A., Bowdoin, D., Kendle, M., Nixon, L., & Wressell, L. (2013). *Massively open: How massive open online courses changed the world*. CreateSpace Independent Publishing.

Note: This book was the first book ever published about MOOCs, and was collaboratively written with my students in a class at Western Oregon University.

Donaldson, J. (2012). *Published digital portfolios in the age of the read/write web*. Educause Review: November/December 2012 Issue

Presentations

Donaldson, J. P. (2019). *Assessing creativity as a situated complex system*. Paper presented at the Creativity Conference at Southern Oregon University, Ashland, Oregon.

Donaldson, J. P. (2019). *Creativity for digitally-mediated learning*. Paper presented at the Creativity Conference at Southern Oregon University, Ashland, Oregon.

Donaldson, J. P., & Hammrich, P. L. (2019). *Conceptual Metaphor, Critical Pedagogy, and Educational Research*. Paper presented at the 2019 American Educational Research Association Annual Meeting, Toronto, CA.

Donaldson, J. P. (2019). *Conceptualizations of learning in ijCSCL*. Paper presented at the International Conference on Computer Supported Collaborative Learning, Lyon, France.

Donaldson, J.P. & Barany, A. (2019). *Designerly ways of learning*. Paper presented at the FabLearn 2019 Eighth Annual Conference, New York.

Wheeler, P., Trausan-Matu, S., Donaldson, J. P., & Barany, A. (2018). *Experiencing and analysing embodied design thinking in CSCL*. Paper presented at the International Conference on Computer Supported Collaborative Learning, Lyon, France.

Donaldson, J. P., & Hammrich, P. L. (2018). *Critical pedagogy and conceptual metaphor*. Paper presented at the International Conference on Urban Education Annual Conference, Nassau, Bahamas.

Donaldson, J. P. (2018). *The role of conceptualizations of learning in civic learning through inquiry*. Paper presented at the European Association for Research on Learning and Instruction SIG 20 and 26 Joint Meeting, Jerusalem, Israel.

Donaldson, J. P. (2018). *The Creativity Landscape framework and design of learning*. Paper presented at the Creativity Conference at Southern Oregon University, Ashland, Oregon.

- Donaldson, J. P., & Hammrich, P. L. (2018). *Critical Pedagogy and Conceptual Metaphor*. Paper presented at the International Conference on Urban Education Annual Conference, Nassau, Bahamas.
- Grant, A., Holt, K., Mercanti-Anthony, S., & Donaldson, J. P. (2018). *The development, delivery, and assessment of two university-wide pedagogy and design courses*. Paper presented at the INTED2018 Annual Conference, Valencia, Spain.
- Donaldson, J. P., Cellitti, J., & Hammrich, P. L. (2018). *Cooperative Controversy for Conceptual Shift*. Paper presented at the International Conference on Urban Education Annual Conference, Nassau, Bahamas.
- Cellitti, J., Hammrich, P. L., & Donaldson, J. P. (2018). *Using cooperative controversy to shift conceptualizations*. Paper presented at the National Science Teachers Association 2018 STEM Forum & Expo, Philadelphia, PA.
- Donaldson, J. P. (2018). *Designing Learning Environments to Facilitate Creativity*. Paper to be presented at the The 13th International Conference on the Learning Sciences, London, England.
- Donaldson, J. P. (2018). *Design for critical conceptual change*. Paper presented at the Drexel Emerging Graduate Scholars, Philadelphia, PA.
- Donaldson, J. P., Cellitti, J., & Hammrich, P. L. (2018). *The nature of science: Reflective practices and conceptual shift*. Paper presented at the Sixteenth Annual Hawaii International Conference on Education, Honolulu, HI.
- Marion, L., Holt, K., Lum, R., Grant, A., Mercanti-Anthony, S., & Donaldson, J. P. (2017). *Continuing to build our program: Will they still come? A look through the lens of faculty development*. Paper presented at the INTED2017 Annual Conference, Valencia, Spain.
- Donaldson, J. P., Cellitti, J., & Hammrich, P. L. (2017). *Shifting conceptualizations of science through cooperative controversy*. Paper presented at the Fifteenth Annual Hawaii International Conference on Education, Honolulu, HI.
- Donaldson, J. P. (2017). *Global Creativity through the Lens of the Creativity Landscape Framework*. Paper presented at the 2017 International Conference on Knowledge, Innovation and Enterprise with the American Creativity Association, Philadelphia, PA.
- Donaldson, J. P., & Barany, A. (2017). *Digitally-mediated design thinking in CSCL environments*. Paper presented at the Computer Supported Collaborative Learning, Philadelphia, PA.
- Donaldson, J. P., & Bucy, M. (2017). *Constructionism and authorship learning*. Paper presented at the 2017 American Educational Research Association Annual Meeting, San Antonio, TX.
- Donaldson, J. P. (2017). *The creativity landscape framework and design of learning*. Paper presented at the 2017 American Educational Research Association Annual Meeting, San Antonio, TX.

- Donaldson, J. P. (2017). *Metaphors, worldviews, and the every student succeeds act*. Paper presented at the 2017 American Educational Research Association Annual Meeting, San Antonio, TX.
- Donaldson, J. P. (2017). *Technology, instructional design, and empowerment*. Invited keynote presentation at the Third International Seminar on Education Technology (ISET), Semarang, Indonesia.
- Cellitti, J., Donaldson, J. P., & Hammrich, P. L. (2017). *Worldviews and conceptualizations of teaching, learning, and inquiry in two teacher education programs*. Paper presented at the Fifteenth Annual Hawaii International Conference on Education, Honolulu, HI.
- Donaldson, J. P., & Hammrich, P. L. (2016). *Embodied, situated, and meaningful science learning through sports in urban middle schools*. Paper presented at the International Conference on Urban Education Annual Conference, San Juan, Puerto Rico.
- Donaldson, J. P. (2016). *The Impact of Conceptualizations of Learning on Practice*. Invited keynote presentation at the International Conference of Education and Technology for Empowering Agents of Change Third Annual Conference, Salatiga, Central Java, Indonesia, November 3rd, 2016.
- Donaldson, J. P. (2016). *Alignment of creativity tools and techniques with theory and research*. KIE Annual Conference, Berlin, Germany, 2016 Conference – June 21-24, 2016.
- Donaldson, J. (2013). *Learners as producers: Structuring courses around OER production by students*. Proceedings of the OpenCourseWare Consortium Global Conference, May 10, 2013
- Donaldson, J. (2013). *Conversation about MOOCs*. WCET Annual Conference, Denver, Colorado. 2013 Conference – November 13-15, 2013.
- Donaldson, J. & Bucy, M. (2013). *An experiment in authorship learning*. WCET Annual Conference, Denver, Colorado. 2013 Conference – November 13-15, 2013
- Donaldson, J. (2013). *Designing education through open culture*. Educause Annual Conference, Anaheim, California. 2013 Conference – October 15-18, 2013
- Donaldson, J. (2013). *Digital portfolio-based course design*. QM Works! Great Northwest Regional Conference, Vancouver, WA. 2013 Regional Conference – April 25, 2013
- Donaldson, J. (2013). *Building digital literacies through digital portfolios*. CUE Annual Conference, Palm Springs, California. 2013 Annual Conference – March 14-16, 2013
- Donaldson, J. (2012). *Digital portfolios in a web 2.0 world*. Sloan-C: 18th Annual Sloan Consortium International Conference on Online Learning, Lake Buena, Florida. 2012 Annual Conference – October 10-12, 2012
- Donaldson, J. (2012). *School is out, education is in: Teaching creativity through project based learning and collaboration*. Invited keynote presentation at the Becoming the Leading Entity in Education International Conference, Salatiga, Indonesia. 2012 Annual Conference – June 26-27, 2012

Donaldson, J., Bucy, M., & Smith, A. (2010). *Moodle and beyond: Online language learning and communication tools*. Northwest Association for Language Learning Technology/ Southwest Association for Language Learning Technology. 2010 Joint Conference – October 15-16, 2010, Portland, Oregon

Grants

Donaldson, J.P. (PI), Hammrich, P. L. (Co-PI), Smith, B. K. (Co-PI). (2018). *Sports Science: Using Sports for Development of Scientific and Computational Thinking*. United States Department of Education, Promise Neighborhood: West Philadelphia Promise Neighborhood Grant Sub-Award. (Awarded March 18, 2019. \$35,000).

Hammrich, P. L. (PI), Smith, B. K. (Co-PI), Donaldson, J.P. (GRF). (2019). *Sports Science: Using Sports as a Vehicle for Development of Computational Thinking*. National Science Foundation: Directorate for Education & Human Resources, Science, Technology, Engineering, and Math + Computational Thinking (STEM+C). (Submitted March 7, 2019. \$2,127,678. I did much of the work in writing and submitting this grant).

Hammrich, P. L. (PI), Donaldson, J.P. (GRF). (2018). *Relationship between conceptualizations of learning and practices*. National Science Foundation, Science of Learning Division. (I did much of the work in writing and submitting this grant).

Hammrich, P.L. (PI), Donaldson, J.P. (Co-PI), Cellitti, J. (Co-PI). (2018). *Intentional conceptual shift through cooperative controversy activities*. Drexel University, School of Education. Faculty Research Funding Initiative 2017-2018. \$2,000

Hammrich, P.L. (PI), Donaldson, J.P. (Co-PI), Cellitti, J. (Co-PI). (2017). *The impact of time on conceptual shift in cooperative controversy activities*. Drexel University, School of Education. Faculty Research Funding Initiative 2016-2017. \$3,800

Songer, N., Peter, N., & Black, W. (2016). *Kids as Urban Scientists: Mapping the Biodiversity of the Philadelphia Promise Zone, Award Number 1614511*. National Science Foundation: Directorate for Education & Human Resources, Research on Learning in Formal and Informal Settings, Innovative Technology Experiences for Students and Teachers (ITEST). (\$1,174,804. I did some of the background research, drafting parts of the narrative, and preparing documentation.)

Courses Developed and Taught

Drexel University

Education (Graduate and undergraduate levels)

January, 2016 - present

EDUC 325/525: Multimedia in Instructional Design – Hybrid

CRTV 301: Foundations in Creativity – Online

CRTV 501: Foundations in Creativity – Online

CRTV 630: Global Perspectives on Creativity – Online

EDLT 535: Researching and Evaluating Instructional Technology – Hybrid
EDLT 537: Technologies for Performance Support
Continuing Education (professional development)
Online Teaching Workshop – Online
Advanced Pedagogies and Instructional Design – Online
P3ILC Workshop Series (5 workshops): Early Learning Continuum – Online

Oregon State University

Education (Graduate level)

September, 2012 - August, 2016

AHE 522: Instructional Technology I – Hybrid
AHE 523: Instructional Technology II – Hybrid
AHE 524: Instructional Technology III – Hybrid
AHE 525: Instructional Technology IV – Hybrid
GRAD 550: Introduction to Online Course Development – Hybrid

Western Oregon University

Computer Science for Education (grad) and Intensive English (undergrad)

August, 2007 - April, 2013

CSE 619: Big Thinkers in Educational Technology – Online
CSE 615: Designing Information – Online
CSE 689: Electronic Portfolios – Online
CSE 627: Web 2.0 Tools for Teaching and Learning – Online
CSE 623: Web 2.0 Tools for ESOL – Online
CSE 628: Teaching Across the Curriculum with Geospatial Technologies – Online
Intensive English Program: All courses, all levels

Blue Mountain Community College

Online Teaching Workshops (beginning and intermediate levels) – Online

Chemeketa Community College

Education (undergrad) and English as a Second Language (adult ed) - All courses, all levels

ECC Foreign Language Institute

English as a Second Language - All courses, all levels

Service

Drexel University

Designed and built an online platform and suite of related social media tools for school principals at schools with early education (pre-k to 3rd grade) in Pennsylvania.

Designed and built online workshops for new faculty in teaching online.

Oregon State University

Co-facilitated the learning management system transition from Blackboard to Canvas, including strategy, faculty trainings, development of documentation, course migration, and project management.

Helped the College of Education coordinate activities and strategies for accreditation review.

Served as project manager in transitioning the Executive Leadership Master of Business Administration program from campus-only to a distance hybrid modality.

Western Oregon University

Designed the complete curriculum for the Intensive English Program.

Provided leadership and coordination among faculty in the Intensive English Program.

Helped the MSed:IT team develop a vision and streamline courses.

Chemeketa Community College

Helped the Instructional Technology department develop and implement a strategy in migration of the learning management system.

Professional Affiliations

American Educational Research Association

European Association for Research on Learning and Instruction

Instructional Technology Council

International Society of the Learning Sciences

Knowledge, Innovation, and Enterprise Consortium

New Media Consortium

OCW Consortium

Online Learning Consortium

Quality Matters