

Patrick R. Lowenthal

Professor, Educational Technology

College of Education, Boise State University

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EDUCATION

Doctor of Philosophy

Educational Leadership & Innovation: Instructional Design & Technology, University of Colorado Denver

Master of Arts

Information and Learning Technologies. Focus: Instructional Design, University of Colorado Denver

Graduate Certificate

Designing and Implementing Web-Based Learning Environments, University of Colorado Denver

Master of Arts

Academic Study of Religion. Focus: Religions of China and Japan, University of Colorado Boulder

Bachelor of Arts

Religious Studies & Philosophy, Georgia State University

PROFESSIONAL POSITIONS & RANKS

2024 - present	Program Area Coordinator , Educational Technology, Boise State University
2022 - present	Professor , Educational Technology College of Education, Boise State University
2022 - 2024	Graduate Certificate Coordinator , Designing Accessible Online Education, Boise State University
2019 - 2024	Co-Coordinator , Ed.D. in Educational Technology, Boise State University
2013 - present	Faculty Associate , eCampus Center, Boise State University
2016 - 2022	Associate Professor , Educational Technology College of Education, Boise State University
2013 - 2016	Assistant Professor , Educational Technology College of Education, Boise State University
2011 - 2013	Instructional Designer , Educational Technology College of Education, Boise State University
2008 - 2011	Academic Technology Coordinator & Adjunct Faculty , CU Online Academic Technology and Extended Learning, University of Colorado Denver
2005 - 2008	Coordinator , MET in Instructional Technology, Regis University
2004 - 2008	Assistant Professor , Education School of Education and Counseling, Regis University
2002 - 2004	Assistant / Associate Director & Adjunct Faculty , Teacher Education School for Professional Studies, Regis University
1999 - 2002	Manager of Operations and Training & Development Cinzzetti's

RECENT TEACHING ASSIGNMENTS

Term	Course	Enroll	Instructor*	Course*
Fa 25	EDTECH 601: Doctoral Studies Orientation			
Su 25	EDTECH 513: Multimedia	17		
Su 25	EDTECH 563: Quest-based Learning Design	14		
Sp 25	EDTECH 204: Foundations of Digital Culture	4	–	–
Sp 25	EDTECH 402: Introduction to Online Course Design	3	–	–
Sp 25	EDTECH 698: Educational Technology Seminar	20	–	–
Fa24	EDTECH 601: Doctoral Studies Orientation	15	4.13	3.88
Su24	EDTECH 563: Quest-based Learning Design	9	3.75	4.83
Su24	EDTECH 513: Multimedia	7	4.50	4.50
Sp24	EDTECH 302: Fundamentals of Educational Web Design	3	n/a	n/a
Sp24	EDTECH 402: Introduction to Online Course Design	3	n/a	n/a
Sp24	EDTECH 510: Creating Accessible & Inclusive Online	11	4.25	4.29
Sp24	EDTECH 698: Educational Technology Seminar	14	–	–
Fa23	EDTECH 512: Online Course Design	14	4.56	4.62
Fa23	EDTECH 601: Doctoral Studies Orientation	20	4.44	4.30
Su23	EDTECH 513: Multimedia	11	4.82	4.80

*How would you rate the overall quality of this instructor or this course? [Low=1, Below Average=2, Average=3, High=4, Very High=5]
 -- Students did not or do not complete an end-of-course evaluation for these courses due to the type of course or enrollment

Doctoral Advisees and Committee Role

Active	- Kimberly Woodruff (Chair) - Mickinzie Johnson (Chair) - Jerry Yamashita (Chair) - Kylene Butler (Chair) - Greg Snow (Chair) - Tori Jesse (Chair) - Nitya Ramanan (Chair)	- Auston Stamm (Chair) - Jen Intelicato (Chair) - Jenn Kepka (Chair) - Toya Green (Chair) - Monica Breedlove (Chair) - Nicole Baird (Chair)	- Alisa Richardson (Committee) - Kris Watterson (Committee) - Amanda Taylor (Committee)
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Completed Doctoral Students (Chaired: 10; Committee Member: 23)

2025	- Janeal Grosinger (Member). Challenges of rural novice educators: A qualitative case study on the importance of online professional learning communities. Boise State University. - April Burton (Member). An investigation of high school students' perceived well-being in a flexible blended- learning program through the lens of self-determination theory. Boise State University. - Holly Brown (Member). Designing, Enacting, and Sharing Teaching Presence: A Three-Study Exploration Using the Col Framework. Purdue University. - Brooke Heller (Co-chair). Storytelling in Undergraduate Engineering Classrooms as Inclusive Curriculum: Increasing Sense of Belonging, Bolstering Professional Identity, and Improving Persistence, Boise State University.
2024	- Harley Young (Member). Impact of course design on online learners' perceptions of learning, Boise State University. - Marc DeArmond (Member). Understanding the present and preparing for the future in collegiate esports, Boise State University. - Jared Pyles (Member). Faculty innovativeness in higher education: exploring the influence of demographic and psychological factors, Boise State University.

- Eric Hawkinson (Member). Immersive simulations in tourism education: A case study, Boise State University.
 - Jilane Richardson (Member). A Nudge in the Right Direction: Nudging College Students in a Flipped Class to Become More Self-Regulatory, Boise State University
 - Karen Krier (Member). An Examination of Online Learning in Higher Education, Boise State University.
- 2023**
- Gina Frank (Member). Factors influencing military instructor technology self-efficacy, Boise State University.
 - Melissa Brown (Member). Exploring Digital and Print Text Experiences of Adolescent Readers, Boise State University.
- 2022**
- Amy Lomellini (Chair). Accessible and inclusive online course design in higher education, Boise State University.
- **2023 Distinguished Doctoral Scholarship Award in Educational Technology****
- 2021**
- Eric Belt (Chair). Video communication: Explorations of community and connectedness, and closeness in online courses, Boise State University.
- **2022 Distinguished Doctoral Scholarship Award in Educational Technology****
- Chris Wertz, (Member). The impact of virtual radiographic positioning simulation on 1st year radiography students' clinical preparedness through the lens of activity theory: A mixed method approach, Boise State University.
 - Brandon Comstock, (Member). The impact of using smartphones to annotate texts on student learning, Boise State University.
 - Chris Prokes, (Chair). Faculty Views of online competency-based education, self-efficacy, and institutional support: An exploratory mixed methods study, Boise State University.
 - Kristin Kipp, (Member). The influence of course community and personal community support on learner engagement in online courses, Boise State University.
- **2021 Distinguished Doctoral Scholarship Award in Educational Technology****
- 2020**
- Janice Thorpe, (Member). Rasch analysis of the Community of Inquiry Instrument. University of Colorado Denver.
 - Crystal Gasell, (Chair). Measuring faculty-student interaction in online courses using asynchronous discussion boards: A campus-wide analysis. Boise State University.
- 2019**
- Jason Bader, (Chair). Investigating visual communication design in online courses: An article-based dissertation. Boise State University.
 - William Stewart, III (Member). The expatriate and transnational distance student phenomenon: A series of investigations. Boise State University.
 - Jeanna Cronk, (Member). Faculty perceptions of smartphone integration in faculty development: A Case Study. Boise State University.
- 2018**
- Chris LaBelle, (Chair). The administration of online programs in statewide systems: A case study of the University System of New Hampshire. Boise State University.
 - Lisa Rodman, (Member). Knowledge-sharing and virtual community of practice potential in the USCG'S afloat community: A Qualitative case study. Boise State University.
 - Anthony Saba, (Chair). Student Perceptions of Instructor Immediacy in Online Program Courses. Boise State University.
- **2019 Nominated for the Boise State University Distinguished Doctoral Scholarship Award****
- Christopher Smith, (Chair). *Synchronous online peer tutoring via video conferencing technology: An exploratory case study.* Boise State University.
 - Catherine Howlett, (Member). *Online laboratory introductions to promote student interactions with two science and engineering practices of the next generation science standards.* Boise State University.
- 2017**
- Marlo Barnett-Allen, (Member). *Social Presence in an Online Cohort.* Northern Illinois University.
 - Sheri Lyn Anderson Conklin, (Member). *Student Perceptions of the Blended Synchronous Learning Environment.* Boise State University.

- David Mulder, (Member), *Pre-Service Teachers' Perceptions of Their Abilities for Technology Integration: A Mixed Methods Case Study*. Boise State University.
- 2016 • Dennis Large, (Member), *Teacher perceptions of the instructional practices in an online new teacher induction program: A case study*. Boise State University.
- Glori Hink, (Co-Chair), *Visions of quality assurance in online MBA programs*. Boise State University.

SCHOLARLY ACTIVITY¹

Publications: Under Review or Revising & Resubmitting

DeArmond, M. C., Shelton, B., Snelson, C., & Lowenthal, P. D. (under review). Collegiate Esports Programs: A Descriptive Quantitative Study

McHenry, K., Saba, A., & Lowenthal, P. R. (revising). A Framework of considerations for online discussions

Young, H., Rice, K., Shelton, B., & Lowenthal, P. R. (under review). From classrooms to cyberspace: Nurturing motivation, satisfaction, perceived value, and lifelong learning in modern education

Cavey, L. O., Totorica, T., & Lowenthal, P. R. (under review). Designing video-based interventions for future secondary mathematics teachers: The VCAST Story

Publications: Refereed Articles (86 articles)

2025 Krier, K.*, Ching, Y.-H., **Lowenthal, P. R.**, & Snelson, C. (accepted). An examination of teaching presence in an accelerated online bachelor of business administration course. *Online Learning*. [h5-index: 51]

Frank, G.*, Trespalacios, J., **Lowenthal, P. R.**, & Snelson, C. (accepted). Exploring influential factors in military instructor technology self-efficacy. *TechTrends*.
<https://doi.org/10.1007/s11528-025-01108-7>

Borup, J., West, R. E., **Lowenthal, P. R.**, & Archambault, L. (accepted). The artificial and the real: Strategies for establishing social presence through the combination of ai-generated text with human-created video. *Open Praxis*, 17(1), 64–78. <https://doi.org/10.55982/openpraxis.17.1.769>
[h5-index: 27]

Belt, E. S.*, Friesen, N., **Lowenthal, P. R.**, & Snelson, C. (accepted). Teacher-student relationships in an online graduate program: A phenomenological analysis. *Online Learning*, 29(3), 338-369.
<https://doi.org/10.24059/olj.v29i3.4604> [h5-index: 51]

Hamby, A., Ward, B.*, Pakala, K., Jankowski, E., & **Lowenthal, P. R.** (accepted). The stories we tell ourselves about ourselves: A narrative-based intervention to shape aspects of identity. *Journal of the Association for Consumer Research*.

Jankowski, E., Hagenah, S., Pakala, K., Hamby, A., Warrington, A., Trujillo Garcia, G., Schauer, S., Neeley, Ward, B.*, & **Lowenthal, P. R.** (2025). Using a storytelling intervention to develop professional identity in undergraduate engineering courses: An exploratory study. *International Journal of Engineering Education*, 41(3), 586 - 597.

Lowenthal, P. R., Prokes, C., Lomellini, A., & Gasell, C. (2025). Investigating faculty perceptions of creating and enhancing accessible online courses with Ally. *Open Praxis*, 17(1), 34–45.
<https://doi.org/10.55982/openpraxis.17.1.759> [h5-index: 27]

¹ SSCI Impact factor and/or h5-index is based on the published metric at the time the article was published.

*The author was enrolled in a graduate program (usually at Boise State) while completing the study and/or the paper.

- Lomellini, A.*, **Lowenthal, P. R.**, Snelson, C., Trespalacios, J. (2025). Accessible and inclusive online learning in higher education: A review of the literature. *Journal of Computing in Higher Education*, 37, 1306–1329. <https://doi.org/10.1007/s12528-024-09424-2> [SSCI Impact Factor: 4.9; h5-index: X]
- 2024** Lomellini, A., **Lowenthal, P. R.**, Snelson, C., & Trespalacios, J. (2024). Instructional designers' perceptions of accessible and inclusive online course design. *Online Learning*, 28(4), 310-330. <https://doi.org/10.24059/olj.v28i4.3719>
- Alsayer, A. A., & **Lowenthal, P. R.** (2024). Measuring social presence in online learning: A validation study. *Education and Information Technologies*, 30, 5655–5676. <https://doi.org/10.1007/s10639-024-12972-w>
- Bader, J. D., Friesen, N., **Lowenthal, P. R.**, & Snelson, C. (2024). Visual design in online course development: Exploring instructors' experiences and challenges. *Quarterly Review of Distance Education*, 25(1), 35-48.
- 2023** **Lowenthal, P. R.**, Horan, A., DeArmond, M. C., Lomellini, A., Egan, D., Johnson, M., Moeller, K. N., Keldgord, F., Kuohn, J., Jensen, S., Stamm, A., & Pounds, D. (2023). Classroom community and online learning: A synthesis of Alfred Rovai's research. *TechTrends*, 67, 931–944, <https://doi.org/10.1007/s11528-023-00904-3>
- Stewart, W. H., & **Lowenthal, P. R.** (2023). Crisis-based remote education: A comprehensive model. *Open Praxis*, 15(4), 342–357. <https://doi.org/10.55982/openpraxis.15.4.577>
- Kipp, K.*, Rice, K., **Lowenthal, P. R.**, & Hung, A. (2023). The influence of course community and personal community support on learner engagement in online courses. *Educational Technology Research and Development*, 71, 1397-1420. <https://doi.org/10.1007/s11423-023-10189-1>
- Lowenthal, P. R.**, & Lomellini, A. (2023). Accessible online learning: A preliminary investigation of educational technologists' and faculty members' knowledge and skills. *TechTrends*, 67, 384–392. <https://doi.org/10.1007/s11528-022-00790-1> [h5-index: 42]
- Stewart, W. H., **Lowenthal, P. R.**, & Richter, D. J. (2023). Towards a model of remote teaching and learning under emergency and sustained crisis conditions: A description of novel distance education contexts and manifestations. *Turkish Online Journal of Distance Education*, 24(2), 183-201. [h5-index: 32]
- Trespalacios, J., Uribe-Florez, L., **Lowenthal, P. R.**, Lowe, S., & Jensen, S. (2023). Students' perceptions of institutional services and online learning self-efficacy. *American Journal of Distance Education*, 31(1), 38-52. <https://doi.org/10.1080/08923647.2021.1956836>
- Belt, E., & **Lowenthal, P. R.** (2023). Synchronous video-based communication technologies and online learning: An exploration of instructors' perceptions, experiences, and expectations. *Education and Information Technologies*, 28, 4941–4964. <https://doi.org/10.1007/s10639-022-11360-6> [SSCI Impact Factor: 3.666; h5-index: 69] NOTE: Published results of student's dissertation
- 2022** Lomellini, A.*, **Lowenthal, P. R.**, Trespalacios, J., & Snelson, C. (2022). Leaders' perspectives of accessible and inclusive online learning. *Distance Education*, 43(4), 574-595. <https://doi.org/10.1080/01587919.2022.2141608> [SSCI Impact Factor: 5.500; h5-index: 40]
NOTE: Published results of the student's dissertation
- REPRINT: Lomellini, A.*, Lowenthal, P. R., Trespalacios, J., & Snelson, C. (2024). Leaders' perspectives of accessible and inclusive online learning. In M. F. Rice & M. Dunn (Eds.), *Inclusive online and distance education for learners with dis/abilities: Promoting accessibility and equity* (pp. 92-113). Routledge.
- Lowenthal, P. R.**, & Trespalacios, J. (2022). Classroom community and time: Comparing student perceptions in traditional vs. accelerated online courses. *Online Learning*, 26(4), 59-79. <http://dx.doi.org/10.24059/olj.v26i4.3498> [h5-index: 49]

- Stewart, W. H., **Lowenthal, P. R.**, & Baek, Y. (2022). COVID-19: A longitudinal perspective on Sustained Remote Teaching (SRT) in the Republic of Korea. *Quarterly Review of Distance Education*, 22(3). [h5-index: 16]
- Houlden, S.*, Hodson, J., Veletsianos, G., Gosse, C., **Lowenthal, P. R.**, Dousay, T. D., & Hall, N. C. (2022). Support for scholars coping with online harassment: An ecological framework. *Feminist Media Studies*, 22(5), 1120-1138. <https://doi.org/10.1080/14680777.2021.1883086> [SSCI Impact Factor: 1.607; h5-index: 33]
- Lowenthal, P. R.** (2022). Exploring student perceptions of asynchronous video in online courses. *Distance Education*, 43(3), 369-387. <https://doi.org/10.1080/01587919.2022.2088479>
- Bader, J., Snelson, C., **Lowenthal, P. R.**, & Friesen, N. (2022). The use of images in higher-ed online learning: A qualitative content analysis. *International Journal of Online Pedagogy and Course Design*, 12(1), 1-16. <http://dx.doi.org/10.4018/IJOPCD.302088> NOTE: Published results of the student's dissertation
- Lowenthal, P. R.**, & Johnson, M.* (2022). Strategies to improve the use of live synchronous meetings in blended, remote, and online courses. *Northwest eLearning Journal*, 2(1). <https://doi.org/10.5399/osu/nwelearn.2.1.5641>
- Gasell, C.*, **Lowenthal, P. R.**, Uribe-Florez, L., & Ching, H. (2022). Interaction in asynchronous discussion boards: A Campus-wide analysis to better understand regular and substantive interaction. *Education and Information Technologies*, 27, 3421-3445. <https://doi.org/10.1007/s10639-021-10745-3> [SSCI Impact Factor: 3.666; h5-index: 69] NOTE: Published results of student's dissertation
- Lowenthal, P. R.**, Fiock, H. S.*, Shreaves, D.*, & Belt, E.* (2022). Investigating students' perceptions of screencasting style of video feedback in online courses. *TechTrends*, 66, 265-275. <https://doi.org/10.1007/s11528-021-00665-x> [h5-index: 42] **2022 AECT Journal Article Award: 2nd place – Quantitative article**
- Stewart, W. H., Baek, Y., & **Lowenthal, P. R.** (2022). From Emergency Remote Teaching (ERT) to Sustained Remote Teaching (SRT): A comparative semester analysis of exchange students' experiences and perceptions of learning online during COVID-19. *Online Learning*, 26(2), 170-197. <http://dx.doi.org/10.24059/olj.v26i2.2661> [h5-index: 40]
- Stewart, W. H., & **Lowenthal, P. R.** (2022). Distance education under duress: A case study of exchange students' experience with online learning during the COVID-19 pandemic in the Republic of Korea. *Journal of Research on Technology in Education*, 54(1), 273-287. <https://doi.org/10.1080/15391523.2021.1891996> [SSCI Impact Factor: 1.585; h5-index: 24]
- 2021 Prokes, C.*, **Lowenthal, P. R.**, Snelson, C., & Rice, K. (2021). Faculty views of CBE, self-efficacy, and institutional support: An exploratory study. *Journal of Competency-Based Education*, 6(4), 233-244. <https://doi.org/10.1002/cbe2.1263> NOTE: Published results of the student's dissertation
- Lowenthal, P. R.**, West, R. E., Archambault, L., Borup, J., & Belt, E.* (2021). Faculty perceptions of using synchronous video-based communication technology. *Online Learning*, 25(4), 49-78. <http://dx.doi.org/10.24059/olj.v25i4.2890>
- Lowenthal, P. R.**, Lomellini, A.*, Smith, C., & Greear, K. (2021). Accessible online learning: A critical analysis of online quality assurance frameworks. *Quarterly Review of Distance Education*, 22(2), 15-29. **2022 AECT Journal Article Award: 1st place – Application focused article**
- Belt, E.* & **Lowenthal, P. R.** (2021). Video use in online and blended courses: A qualitative synthesis. *Distance Education*, 42(3), 410-440. <https://doi.org/10.1080/01587919.2021.1954882> [SSCI Impact Factor: 1.702; h5-index: 27] NOTE: Published results of student's dissertation
2022 AECT Journal Article Award: 1st place – Qualitative article
- Stewart, W. H., & **Lowenthal, P. R.** (2021). Experiences and perceptions of exchange students learning online during the COVID-19 pandemic in the Republic of Korea: An exploratory

descriptive study. *Asian Journal of Distance Education*, 16(1), 119-140.

<https://doi.org/10.5281/zenodo.4782878>

Gosse, C.*, Veletsianos, G., Hodson, J., Houlden, S., Dousay, T. A., **Lowenthal, P. R.**, & Hall, N. (2021). The hidden costs of connectivity: Nature and effects of scholars' online harassment. *Learning, Media, and Technology*, 46(3), 264-280. <https://doi.org/10.1080/17439884.2021.1878218> [SSCI Impact Factor: 2.547; h5-index: 32]

Lowenthal, P. R., & Cavey, L. (2021). Lessons learned from creating videos for online video-based instructional modules in mathematics teacher education. *TechTrends*, 65, 225-235. <https://doi.org/10.1007/s11528-021-00581-0> [h5-index: 35]

Trespalcacios, J., Snelson, C., **Lowenthal, P. R.**, Uribe-Florez, L., & Perkins, R. (2021). Community and connectedness in online higher education: A scoping review. *Distance Education*, 42(1), 5-21. <https://doi.org/10.1080/01587919.2020.1869524> [SSCI Impact Factor: 1.702; h5-index: 27]

2021 AECT Outstanding Publication Award for a Journal Article Award

Lowenthal, P. R. (2021). Video feedback: Is it worth the effort? A Response to Borup et al. *Educational Technology Research and Development*, 63, 161-184. <https://doi.org/10.1007/s11423-020-09872-4> [SSCI Impact Factor: 2.303; h5-index: 41]

2020

Rodman, L.*, Trespalcacios, J., **Lowenthal, P. R.**, & Shelton, B. (2020). Knowledge-sharing and virtual community of practice potential in the United States Coast Guard's Afloat community: A qualitative case study. *Quarterly Review of Distance Education*, 21(2), 49-66. [h5-index: 17]
NOTE: Published results of student's dissertation

Lowenthal, P. R., Greear, K., Humphrey, M., Lowenthal, D. A., Conley, Q., Giacumo, L. A., & Dunlap, J. C., (2020). Creating accessible and inclusive online learning: Moving beyond compliance and broadening the discussion. *Quarterly Review of Distance Education*, 21(2), 1-21. [h5-index: 17]

Lowenthal, P. R., & Moore, R. (2020). Exploring student perceptions of Flipgrid in online courses. *Online Learning*, 24(4), 28-41. <https://doi.org/10.24059/olj.v24i4.2335> [h5-index: 34]

Lowenthal, P. R., & Dunlap, J. C. (2020). Social presence and online discussions: A mixed method investigation. *Distance Education*, 41(4), 490-514. <https://doi.org/10.1080/01587919.2020.1821603> [SSCI Impact Factor: 1.702; h5-index: 27]

LaBelle, C. L.*, **Lowenthal, P. R.**, & Rice, K. (2020). The administration of online programs in statewide systems: A case study of the University System of New Hampshire. *Online Journal of Distance Learning Administration*, 23(2). <https://ojdla.com/articles/the-administration-of-online-programs-in-statewide-systems-a-case-study-of-the-university-system-of-new-hampshire>

NOTE: Published results of the student's dissertation

Lowenthal, P. R., Borup, J., West, R. E., & Archambault, L. (2020). Thinking beyond Zoom: Using asynchronous video to maintain connection and engagement during the COVID-19 pandemic. *Journal of Technology and Teacher Education*, 28(2), 383-391. [h5-index: 16]

Belt, E.*, & **Lowenthal, P. R.** (2020). Developing faculty to teach with technology: Themes from the literature. *TechTrends*, 64(2), 248-259. <http://dx.doi.org/10.1007/s11528-019-00447-6> [h5-index: 35]

2019

Conklin, S. L.*, Trespalcacios, J., & **Lowenthal, P. R.** (2019). Graduate students' perceptions of interactions in a blended synchronous learning environment: A case study. *Quarterly Review of Distance Education*, 20(4), 45-59. [h5-index: 15] NOTE: Published results of the student's dissertation

Lowenthal, P. R., Shreaves, D.*, Gooding, M.*, & Kepka, J.* (2019). Learning to teach online: An exploration of how universities with large online programs train and develop faculty to teach online. *Quarterly Review of Distance Education*, 20(3), 1-9. [h5-index: 15]

- Baker, F., & **Lowenthal, P. R.** (2019). Analysing professional discourse on Twitter: A mixed methods analysis of the #openeducation hashtag. *International Journal of Social Media and Interactive Learning Environments*, 6(2), 107-121. <https://doi.org/10.1504/IJSMILE.2019.102144> [h5-index: 10]
- Lowenthal, P. R.**, Nyland, R., Jung, E., Dunlap, J. C., & Kepka, J.* (2019). Does class size matter? An exploration into faculty perceptions of teaching high-enrollment online courses. *American Journal of Distance Education*, 33(3), 152-168. <https://doi.org/10.1080/08923647.2019.1610262> [h5-index: 18] [Full article: Does Class Size Matter? An Exploration into Faculty Perceptions of Teaching High-Enrollment Online Courses](#)
- Trespalcacios, J., & **Lowenthal, P. R.** (2019). What do they really like? An investigation of students' perceptions of their coursework in a fully online educational technology program. *Australasian Journal of Educational Technology*, 35(5), 60-78. <https://doi.org/10.14742/ajet.4364> [SSCI Impact Factor: 1.578; h5-index: 28]
- 2018** Hinck, G.*, Rice, K., **Lowenthal, P. R.**, & Perkins, R. (2018). Visions of quality assurance in online MBA programs. *Online Learning Journal*, 22(4), 243-261. <http://dx.doi.org/10.24059/olj.v22i4.1514> [h5-index: 22] NOTE: Published results of the student's dissertation
- Bose, D., & **Lowenthal, P. R.** (2018). E-Portfolios, course design, and student learning: A case study of a faculty learning community. *The Online Journal of New Horizons in Education*, 8(4), 50-62.
- Lowenthal, P. R.**, Snelson, C., & Perkins, R. (2018). Teaching Massive, Open, Online, Courses (MOOCs): Tales from the front line. *The International Review of Research in Open and Distributed Learning*, 19(3). <https://doi.org/10.19173/irrodl.v19i3.3505> [SSCI Impact Factor: 1.734; h5-index: 41]
- Conley, Q., Scheufler, J., Persichini, G., **Lowenthal, P.**, & Humphrey, M. (2018). Digital citizenship for all: Empowering young learners with disabilities to become digitally literate. *International Journal of Digital Literacy and Digital Competence*, 9(1) 1-20. <https://doi.org/10.4018/IJDLDC.2018010101>
- REPRINT: Conley, Q., Scheufler, J., Persichini, G., Lowenthal, P., & Humphrey, M. (2019). Digital citizenship for all: Empowering young learners with disabilities to become digitally literate. In *Human performance technology: Concepts, methodologies, tools, and applications* (vol. 2; pp. 829-850). IGI Global. <http://dx.doi.org/10.4018/978-1-5225-8356-1.ch042>
- Lowenthal, P. R.**, & Dunlap, J. C. (2018). Investigating students' perceptions of instructional strategies to establish social presence. *Distance Education*, 39(3), 281-298. <https://doi.org/10.1080/01587919.2018.1476844> [SSCI Impact Factor: 1.592; h5-index: 31]
- Veletsianos, G., Kimmons, R., Larsen, R., Dousay, T., & **Lowenthal, P.** (2018). Public comment sentiment on educational videos: Understanding the effects of presenter gender, video format, threading, and moderation on YouTube TED talks. *PLOS ONE*, 13(6), e0197331. <https://doi.org/10.1371/journal.pone.0197331> [SSCI Impact Factor: 2.806; h5-index: 171]
- **2018 AECT Outstanding Publication Award for a Journal Article Award**
- Dunlap, J. C., & **Lowenthal, P. R.** (2018). Online educators' recommendations for teaching online: Crowdsourcing in action. *Open Praxis*, 10(1), 79-89. <https://doi.org/10.5944/openpraxis.10.1.721> [h5-index: 12]
- 2017** **Lowenthal, P. R.**, Dunlap, J. C., & Snelson, C. (2017). Live synchronous web meetings in asynchronous online courses: Reconceptualizing virtual office hours. *Online Learning*, 21(4), <http://dx.doi.org/10.24059/olj.v21i4.1285> [h5-index: 25]
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- Shelton, B. E., Hung, J-L., & **Lowenthal, P. R.** (2017). Predicting student success by modeling student interaction in asynchronous online courses. *Distance Education*, 38(1), 59-69.
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- Chen, K-Z., **Lowenthal, P. R.**, & Bauer, C. (2016). Effectiveness and student perception of three high-enrolment health studies online courses. *Health Education Journal*, 75(3), 343-357.
<https://doi.org/10.1177/0017896915581060> [SSCI Impact Factor: 0.821; h5-index: 12]
2016 AECT Journal Article Award: 1st place – Application focused article
- 2015** **Lowenthal, P. R.**, & Hodges, C. (2015). In search of quality: Using Quality Matters to analyze the quality of massive, open, online courses (MOOCs). *International Review of Research in Open and Distributed Learning*, 16(5), 83-101. <https://doi.org/10.19173/irrodl.v16i5.2348> [SSCI Impact Factor: 0.734; h5-index: 36] **2016 AECT Journal Article Award: 1st place – Qualitative focused article**
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<http://dx.doi.org/10.1080/08923647.2015.1023621> [h5-index: 12]
2015 National University Technology Network (NUTN) Research & Scholarship Award
- 2014** Perkins, R., & **Lowenthal, P. R.** (2014). Establishing an equitable and fair admissions system for an online doctoral program. *TechTrends*, 58(4), 27-35. <http://dx.doi.org/10.1007/s11528-014-0766-1> [h5-index: 23]
- Lowenthal, P. R.**, & Dunlap, J. C. (2014). Problems measuring social presence in a Community of Inquiry. *E-Learning and Digital Media*, 11(1), 19-30. <https://doi.org/10.2304/elea.2014.11.1.19> [h5-index: 9] **2015 AECT Journal Article Award: 3rd place – Quantitative focused article**
- 2013** Dunlap, J. C., & **Lowenthal, P. R.** (2013). What was your best learning experience? Our story about using stories to solve instructional problems. *International Journal of Teaching and Learning in Higher Education*, 25(2), 269-274. [h5-index: 13]
2014 AECT Journal Article Award: 1st place – Application focused article

- Lowenthal, P. R.**, Wray, M., Bates, B., Switzer, T., & Stevens, E. (2013). Examining faculty motivation to participate in faculty development. *International Journal of University Teaching and Faculty Development*, 3(3), 149-164.
- REPRINT: Lowenthal, P. R., Wray, M., Bates, B., Switzer, T., & Stevens, E. (2015). Examining faculty motivation to participate in faculty development. In O. M. Alegre-de la Rosa & L. M. Villar-Angulo (Eds.), *Research on university teaching and faculty development* (pp. 31-46). Nova Science.
- 2011** Dray, B., **Lowenthal, P. R.**, Miskiewicz, M., & Marczynski, K. (2011). Developing an instrument to assess student readiness for online learning: A validation study. *Distance Education*, 32(1), 29-47. <http://dx.doi.org/10.1080/01587919.2011.565496> [SSCI Impact Factor: 0.974; h5-index: 25]
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- White, J. W., & **Lowenthal, P. R.** (2011). Minority college students and tacit "Codes of Power": Developing academic discourses and identities. *The Review of Higher Education*, 34(2), 283-318. <http://dx.doi.org/10.1353/rhe.2010.0028> [SSCI Impact Factor: 1.324; h5-index: 27]
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- REPRINT: Lowenthal, P. R., & Thomas, D. (2011). Death to the digital dropbox: Rethinking student privacy and public performance. In P. R. Lowenthal, D. Thomas, A. Thai, B. Yuhnke, M. Edwards, & C. Gasell (Eds.), *The CU Online Handbook, 2011* (pp. 25-37). Lulu.
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- Lowenthal, P. R.**, & Wilson, B. G. (2010). Labels do matter! A critique of AECT's redefinition of the field. *TechTrends*, 54(1), 38-46. <http://dx.doi.org/10.1007/s11528-009-0362-y> [h5-index: 20]
- Lowenthal, P. R.**, & Dunlap, J. (2010). From pixel on a screen to real person in your students' lives: Establishing social presence using digital storytelling. *Internet and Higher Education*, 13(1-2), 70-72. <http://dx.doi.org/10.1016/j.iheduc.2009.10.004> [SSCI Impact Factor: 1.896; h5-index: 44]
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- REPRINT: Dunlap, J. C., & Lowenthal, P. R. (2012). Tweeting the night away: Using Twitter to enhance social presence. In M. Godwyn & J. H. Gittel (Eds.), *Sociology of organizations: Structures and relationships* (pp. 687-695). Sage.
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- 2008** **Lowenthal, P. R.** (2008). Online faculty development and storytelling: An unlikely solution to improving teacher quality. *Journal of Online Learning and Teaching*, 9(3), 349-356.
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Publications: Refereed Book Chapters

- 2022** Lomellini, A.*, & **Lowenthal, P. R.** (2022). Inclusive online courses: Universal Design for Learning strategies for faculty buy-in. In J. E. Stefaniak & R. M. Reese (Eds.), *The instructional designer's training guide: Authentic practices and constructive mentoring for ID and ed tech professionals* (pp. 101-111). Routledge. <https://doi.org/10.4324/9781003109938-11>
- 2021** Hodge-Zickerman, A., York, C. S., & **Lowenthal, P. R.**, (2021). Teaching mathematics education online: Instructional theories, strategies, and technologies. In K. Hollebrands, R. Anderson, & K. Oliver (Eds.), *Online learning in mathematics education* (pp. 1-20). Springer. https://doi.org/10.1007/978-3-030-80230-1_1
- 2020** **Lowenthal, P.**, Persichini, G., Conley, Q., Humphrey, M., & Scheufler, J. (2020). Digital literacy in special education: Preparing students for college and the workplace. In E. Podovšovnik (Ed.), *Examining the roles of teachers and students in mastering new technologies* (pp. 150-163). IGI Global. <https://doi.org/10.4018/978-1-7998-2104-5.ch007>
- REPRINT: Lowenthal, P. R., Persichini, G., Conley, Q., Humphrey, M., & Scheufler, J. (2022). Digital literacy in special education: Preparing students for college and the workplace. In I. Management Association (Ed.), *Research anthology on inclusive practices for educators and administrators in special education* (pp. 524-537). IGI Global. <https://doi.org/10.4018/978-1-6684-3670-7.ch029>
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- 2018** Cavey, L., Totorica, T., Carney, M., **Lowenthal, P. R.**, & Libberton, J. (2018). Video case analysis of students' mathematical thinking: Initial development process. In L. Liu, D. C. Gibson, G. Chamblee, R. Christensen, D. Crawford, E. Langran,... M. Yildiz (Eds.), *Research highlights in technology and teacher education 2018* (pp. 61-70). Association for the Advancement of Computing Education.
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- Chen, K-Z., & **Lowenthal, P. R.** (2018). Capturing professional growth of online instructors: Learning analysts' reflections on studying a faculty development program. *SAGE Research Methods Cases*. <https://dx.doi.org/10.4135/9781526441652>
- 2017** **Lowenthal, P. R.**, Rice, K., Rich, S.*, & Walters, S.* (2017). Distance Learning. In A. Hynds (Ed.), *Oxford bibliographies in education*. Oxford University Press.
- Lowenthal, P. R.**, & Mulder, D.* (2017). Social presence and communication technologies: Tales of trial and error. In A. Whiteside, A. Garrett Dikkers, & K. Swan, (Eds.), *Social presence in online learning: Multiple perspectives on practice and research* (pp. 32-44). Stylus.
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- 2016** **Lowenthal, P. R.** (2016). A mixed methods examination of instructor social presence in accelerated online courses. In L. Kyei-Blankson, J. Blankson, E. Ntuli & C. Agyeman (Eds.),

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- 2015** Kilgore, W., & **Lowenthal, P. R.** (2015). The Human Element MOOC: An experiment in social presence. In R. D. Wright (Ed.), *Student-Teacher Interaction in Online Learning Environments* (pp. 389-407). IGI Global.

REPRINT: Kilgore, W., & Lowenthal, P. R. (2017). The Human Element MOOC: An experiment in social presence. In *Blended Learning: Concepts, Methodologies, Tools, and Applications* (pp. 1736-1755). IGI Global.

- 2014** Dunlap, J.C., & **Lowenthal, P. R.** (2014). The power of presence: Our quest for the right mix of social presence in online courses. In A. A. Piña & A. P. Mizell (Eds.), *Real life distance education: Case studies in practice* (pp. 41-66). Information Age Publishing.

- 2011** Dunlap, J. C., & **Lowenthal, P. R.** (2011). Learning, unlearning, and relearning: Using Web 2.0 technologies to support the development of lifelong learning skills. In G. D. Magoulas (Ed.), *E-infrastructures and technologies for lifelong learning: Next generation environments* (pp. 292-315). IGI Global. <http://dx.doi.org/10.4018/978-1-61520-983-5.ch012>

REPRINT: Dunlap, J. C., & Lowenthal, P. R. (2013). Learning, unlearning, and relearning: Using web 2.0 technologies to support the development of lifelong learning skills. In *IT Policy and Ethics: Concepts, Methodologies, Tools, and Applications* (pp. 170-193). IGI Global. <http://dx.doi.org/10.4018/978-1-4666-2919-6.ch009>

- 2010** **Lowenthal, P. R.** (2010). The evolution and influence of social presence theory on online learning. In T. T. Kidd (Ed.), *Online education and adult learning: New frontiers for teaching practices* (pp. 124-139). IGI Global. <https://doi.org/10.4018/978-1-60566-830-7.ch010>

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Lowenthal, P. R., & Leech, N. (2010). Mixed research and online learning: Strategies for improvement. In T. T. Kidd (Ed.), *Online education and adult learning: New frontiers for teaching practices* (pp. 202-211). IGI Global.

- 2009** **Lowenthal, P. R.** (2009). Social presence. In P. Rogers, G. Berg, J. Boettcher, C. Howard, L. Justice, & K. Schenk (Eds.), *Encyclopedia of distance learning* (2nd ed., pp. 1900-1906). IGI Global.

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Publications: Non-Refereed Articles

- 2024** **Lowenthal, P. R.,** Moore, R. L., & Rice, M. R. (2024). Introduction to the Special Issue: Highlighting AERA's Online Teaching and Learning SIG 2024. *Online Learning*, 28(4)

- Hamby, A., Jankowski, E., Pakala, K., & **Lowenthal, P. R.** (2024, September). Empowering engineering students through storytelling. *The Conversation*.
<https://theconversation.com/empowering-engineering-students-through-storytelling-235568>
- Morreale, S., **Lowenthal, P. R.**, Thorpe, J., & Olesova, L. (20124). Editorial: Instructional communication competence and instructor social presence: Enhancing teaching and learning in the online environment. *Frontiers in Communication*, 9.
<https://doi.org/10.3389/fcomm.2024.1397570>
- 2023** **Lowenthal, P. R.**, & Moore, R. L. (2023). Introduction to the Special Issue: Highlighting AERA's Online Teaching and Learning SIG 2023. *Online Learning*, 27(4). <https://doi.org/10.24059/olj.v27i4.4264>
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- 2020** **Lowenthal, P.**, West, R., Archambault, L., & Borup, J. (2020, August). Engaging students through asynchronous video-based discussions in online courses. *EDUCAUSE Review*.
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- Rice, M. F., **Lowenthal, P. R.**, & Woodley, X. (2020). Distance education across critical theoretical landscapes: Touchstones for quality research and teaching. *Distance Education*, 41(3), 319-325.
<https://doi.org/10.1080/01587919.2020.1790091>
- 2017** **Lowenthal, P. R.**, & Dennen, V. (2017). Social presence, identity, and online learning: Research development and need*. *Distance Education*, 38(2), 137-140. *Guest editorial
- 2016** Greear, K.*, & **Lowenthal, P. R.** (2016, January). Creating accessible video for the online classroom. *Online C@ssroom: Ideas for effective online instruction*, 3, 6. *Graduate student
- REPRINT: Greear, K., & Lowenthal, P. R. (2016, February). Creating accessible video for the online classroom. *Faculty Focus*.
<http://www.facultyfocus.com/tools/tools-technology/creating-accessible-video-online-classroom/>
- REPRINT: Greear, K., & Lowenthal, P. R. (2018). Creating accessible video for the online classroom. In (Ed.), *The college teacher's handbook: A resource collection for new faculty* (pp. 137-139). Magna Publications.
- REPRINT: Greear, K., & Lowenthal, P. R. (2020). Creating accessible video for the online classroom. In (Ed.), *Planning and designing your college course* (pp. 178-180). Magna Publications.
- 2015** **Lowenthal, P. R.** (2015). Using video announcements, instructional videos, and video feedback to improve social presence, student engagement, and a growing relationship to one's university. *Online Learning Consortium Effective Practice*.
- 2012** **Lowenthal, P. R.** (2012). Which conference do you attend? A look at the conference attendance of educational technology professionals. *Educational Technology*, 52(6), 57-61.
- REPRINT: Lowenthal, P. R. (2017). Educational technology conferences. In R. E. West (Ed.), *Foundations of learning and instructional design technology: Historical roots and current trends*. <https://lidtfoundations.pressbooks.com/>
- Lowenthal, P. R.**, & Dunlap, J. C. (2012). Intentional web presence: Ten SEO strategies every academic should know. *EDUCAUSE Review Online*.
- 2011** Dunlap, J. C., & **Lowenthal, P. R.** (2011). Situational qualities Exhibited by exceptional presenters. *ECAR Research Bulletin*. Boulder, CO: EDUCAUSE Center for Applied Research.
- 2010** Dunlap, J., & **Lowenthal, P. R.** (2010). Defeating the Kobayashi Maru: Supporting student retention by balancing the needs of the many and the one. *EDUCAUSE Quarterly*, 33(4).
- 2008** **Lowenthal, P. R.**, & Parscal, T. (2008). Teaching presence. *The Learning Curve*, 3(4), 1-2, 4.

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- 2024 Dunlap, J. C., & Lowenthal, P. R.** (2024). Intentionally crafting a professional digital presence: strategies for learning designers. In R. E. West & H. Leary (Eds.), *Becoming an LIDT professional*. EDTECH BOOKS. https://edtechbooks.org/becoming_an_lidt_pro/digital_presence
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- Lowenthal, P. R., & Davidson-Shivers, G. V.** (2019). Strategies used to evaluate online education. In M. G. Moore & W. C. Diehl (Eds.), *Handbook of distance education* (pp. 415–427; 4th ed.). Routledge.
- 2018 Davidson-Shivers, G. V., Rasmussen, K. L., Lowenthal, P. R.** (2018). *Web-based learning: Design, implementation, and evaluation* (2nd ed.). Springer.
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- 2014 Lowenthal, P. R., York, C. S., & Richardson, J. C.** (Eds.). (2014). *Online Learning: Common Misconceptions, Benefits and Challenges*. Nova Science Publishers.
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- 2011 Lowenthal, P. R., Thomas, D., Thai, A., Yuhnke, B., Edwards, M., & Gasell, C.** (Eds.). (2011). *The CU Online Handbook, 2011*. Lulu.
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- Lowenthal, P. R., & Dunlap, J. C.** (2011). You can do it in your jammies, and other things we should never say about learning online. In P. R. Lowenthal, D. Thomas, A. Thai, B. Yuhnke, M. Edwards, & C. Gasell. (Eds.). *The CU Online Handbook, 2011* (pp. 9-14). Lulu.

- Dunlap, J. C., & **Lowenthal, P. R.** (2011). Getting to know you: The first week of class and beyond. In P. R. Lowenthal, D. Thomas, A. Thai, B. Yuhnke, M. Edwards, & C. Gasell. (Eds.). *The CU Online Handbook, 2011* (pp. 67-72). Lulu.
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- Lowenthal, P. R.**, & Dunlap, J. C. (2011). Better connections with online learners. In P. Shank (Ed.), *The online learning idea book: Proven ways to enhance technology-based and blended learning* (vol. 2; pp. 135-139). Pfeiffer.
- Lowenthal, P. R.**, Dunlap, J. C., & Dobrovolny, J. (2011). EZ forms. In P. Shank (Ed.), *The online learning idea book: Proven ways to enhance technology-based and blended learning* (vol. 2; pp. 309-316). Pfeiffer.
- Lowenthal, P. R.**, & Dunlap, J. C. (2011). Online classroom clickers. In P. Shank (Ed.), *The online learning idea book: Proven ways to enhance technology-based and blended learning* (vol. 2; pp. 171-174). Pfeiffer.
- Lowenthal, P. R.**, & Dunlap, J. C. (2011). Turn up the music. In P. Shank (Ed.), *The online learning idea book: Proven ways to enhance technology-based and blended learning* (vol. 2; pp. 188-191). Pfeiffer.
- 2009** Dunlap, J., & **Lowenthal, P. R.** (2009). Instructional uses of Twitter. In P. R. Lowenthal, D. Thomas, A. Thai, & B. Yuhnke, B. (Eds.), *The CU Online handbook. Teach differently: Create and collaborate* (pp. 46-52). Lulu.
- Lowenthal, P. R.** (2009). Digital storytelling: An emerging institutional technology? In K. McWilliam & J. Hartley (Eds.), *Story circle: Digital storytelling around the world* (pp. 252-259). Wiley-Blackwell.
- Lowenthal, P. R.** (2009). Improving the design of PowerPoint presentations. In P. R. Lowenthal, D. Thomas, A. Thai, & B. Yuhnke, B. (Eds.), *The CU Online handbook. Teach differently: Create and collaborate* (pp. 61-66). Lulu.
- Lowenthal, P. R.** (2009). Introduction. In P. R. Lowenthal, D. Thomas, A. Thai, & B. Yuhnke, B. (Eds.), *The CU Online handbook. Teach differently: Create and collaborate* (pp. 1-6). Lulu.
- Lowenthal, P.**, & Muth, R. (2009). Constructivism. In E. F. Provenzo, Jr. (Ed.), *Encyclopedia of the social and cultural foundations of education* (Vol. 1, pp. 177-179). Sage.
- Lowenthal, P. R.**, Thomas, D., Thai, A., & Yuhnke, B. (Eds.). (2009). *The CU Online handbook. Teach differently: Create and collaborate*. Lulu.

- 2007 **Lowenthal, P.,** & Dunlap, J. (2007). Digital Stories. In P. Shank (Ed.), *The online learning idea book: 95 proven ways to enhance technology-based and blended learning* (pp. 110-111). Pfeiffer.

Publications: Conference Proceedings

- 2024 Carney, M. B., Champion, J., Crawford, A., & Lowenthal, P. (2024). Learning effects of models with varying levels of abstraction during digital practice. In T. Evans, O. Marmur, J. Hunter, G. Leach, & J. Jhagroo (Eds.), *The proceedings of the 47th conference of the international group for the psychology of mathematics education* (Vol. 1). PME
- Cavey, L. O., DuCloux, K., Lowenthal, P., Totorica, T., Barco, M., & Humrichouse, A. (2024). Racialized Experiences in Early Undergraduate Mathematics: A Systematic Review of the Literature 15th International Congress on Mathematical Education.
- 2022 Olesova, L., Sadaf, A., Kumar, S., Martin, F., Ritzhaupt, A., Bonk, C. J., & **Lowenthal, P.R.**, Snelson, C., Westine, C. & Sun, T. (2022). Reviews of research on online learners. In M. Simonson & D. J. Seepersaud (Eds.), *45th Annual proceedings: Selected research and development papers presented at the annual convention of the Association for Educational Communications and Technology* (pp. 250-258). AECT.
- 2021 Totorica, T., Cavey, L.O., Libberton, J. & **Lowenthal, P.R.** (2021) Designing a video-based intervention to elicit teacher candidates' mathematical ideas: The hexagon task. In Olanoff, D., Johnson, K., & Spitzer, S.M. (Eds.), *Proceedings of the 43rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1005-1010). PME-NA.
- 2020 Hodges, C., & **Lowenthal, P. R.** (2020). Facilitating your online course: Where to focus your efforts when a course is in progress. In M. Brown, M. Nic Giolla Mhichil, E. Beirne, & E. Costello, E. (Eds.), *Proceedings of the 2019 ICDE World Conference on Online Learning, Volume 1* (pp. 420-430). Dublin City University. <http://dx.doi.org/10.5281/zenodo.3804014>
- 2019 Humphrey, M., **Lowenthal, P.**, Conley, Q. & Lowenthal, A. (2019). Secondary special education teachers' digital literacy: Identifying professional development needs within a curriculum. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 2124-2129). Association for the Advancement of Computing in Education (AACE).
- 2018 Cavey, L., Totorica, T., Carney, M., **Lowenthal, P.**, & Libberton, J. (2018). Mapping student reasoning in support of mathematics teacher candidate digital learning. In J. Kay & R. Luckin (Eds.), *Rethinking learning in the digital age: Making the learning sciences count* (pp. 1637-1638). International Society of the Learning Sciences.
- 2016 Richardson, J., Swan, K., **Lowenthal, P.**, & Ice, P. (2016). Social presence in online learning: Past, present, and future. In *Proceedings of Global Learn 2016* (pp. 477-483). Association for the Advancement of Computing in Education (AACE).
- Hodges, C., **Lowenthal, P.**, & Grant, M. (2016). Teacher professional development in the digital age: Design considerations for MOOCs for teachers. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 2075-2081). Association for the Advancement of Computing in Education (AACE).
- 2009 **Lowenthal, P. R.**, Lowenthal, D. A., & White, J. W. (2009). The changing nature of online communities of inquiry: An analysis of how discourse and time shapes students' perceptions of presence. In M. Simonson (Ed.), *32nd Annual proceedings: Selected research and development papers presented at the annual convention of the Association for Educational Communications and Technology*. AECT.
- Lowenthal, P. R.**, Wilson, B., & Parrish, P. (2009). Context matters: A description and typology of the online learning landscape. In M. Simonson (Ed.), *32nd Annual proceedings: Selected research and*

development papers presented at the annual convention of the Association for Educational Communications and Technology (pp. 161-172). AECT.

- 2008** **Lowenthal, P.,** & Wilson, B. G. (2008). Labels DO matter: A critique of AECT's redefinition of the field. In M. Simonson (Ed.), *31st Annual proceedings: Selected research and development papers presented at the annual convention of the Association for Educational Communications and Technology* (Vol. 2, pp. 297-306). AECT.
- 2005** **Lowenthal, P.,** Stevens, E., & Dunlap, J. (2005). Digital Storytelling—the missing key to online faculty development? In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 1187-1190). AACE.

Presentations: Peer Reviewed

National and International

- 2025** Cavey, L. O., & Lowenthal, P. R. (2025, April). Designing video-based interventions for future secondary mathematics teachers. Paper presented at the 2025 American Educational Research Association Annual Meeting, Denver, CO.
- Lowenthal, P. R., & Perkins, R. A. (2025, April). Online doctoral program and doctoral advising: An exploratory study. Paper presented at the 2025 American Educational Research Association Annual Meeting, Denver, CO.
- Pakala, K., Jankowski, E., Lowenthal, P., Hamby, & Heller, B. (2025, April). Engineering voices: Strengthening student success. Poster presented at SCIENCE TALK '25, Raleigh, NC.
- Lowenthal, P.R., & Vecchione, A. (2025, March). Innovation needs assessment for online teaching faculty. Presentation at the 2025 UPCEA annual conference, Denver, CO.
- 2024** Borup, J., West, R. E., Lowenthal, P. R., & Archambault, L. (2024, October). The artificial and the real: Establishing social presence through ai-generated text with human-created video. Paper presented at the 2024 Association for Educational Communications and Technology International Convention, Kansas City, MO.
- Richardson, J., Stenbom, S., Fiock, H., & Lowenthal, P. (2024, October). Implementing evidence-based practices for designing communities of inquiry in online environments. Presentation at the 2024 Association for Educational Communications and Technology International Convention, Kansas City, MO.
- Belt, E., & Lowenthal, P. (2024, October). Exploring faculty experiences of closeness with online students. Paper presented at the 2024 Association for Educational Communications and Technology International Convention, Kansas City, MO.
- Krier, K., Ching, Y-H, Lowenthal, P., & Snelson, C. (2024, October). An investigation of teaching presence in an accelerated online business administration course. Paper presented at the 2024 Association for Educational Communications and Technology International Convention, virtual.
- DuCloux, K., Carvey, L., Barco, M., Humricho, A., Lowenthal, P. R., & Totorica, T. (2024, July). Racialized experiences in early undergraduate mathematics: A systematic review of the literature. Paper presented at the 15th International Congress on mathematical education, Sydney, Australia.
- McHenry, K., Saba, A., & Lowenthal, P. R. (2024, April). A taxonomy of online discussions. Paper presented at OLC Innovate 2024. Virtual presentation.
- Lowenthal, P. R., & Woodruff, K. (2024, April). Quality assurance frameworks and online learning: An Investigation of Faculty Perspectives, Experiences, and Recommendations for Improvement. Paper presented at the 2024 American Educational Research Association Annual Meeting, Philadelphia, PA.

- 2023** Lowenthal, P. R., & Lomellini, A. (2023, April). Faculty experiences teaching high-enrollment online courses. Paper presented at the 2023 American Educational Research Association annual meeting, Chicago, IL.
- Saba, A., & Lowenthal, P. R. (2023, October). Rethinking online faculty development during COVID-19: A design case. Paper presented at the 2023 Association for Educational Communications and Technology International Convention, Orlando, FL.
- Lowenthal, P. R., & Woodruff, K. (2023, October). Quality assurance frameworks and online learning: An investigation of faculty perspectives and experiences. Paper presented at the 2023 Association for Educational Communications and Technology International Convention, Orlando, FL.
- Lowenthal, P. R., Croghan, K., Johnson, M., Butler, K., Ponce, J., & Belt, E. (2023, October). Social presence is not community: An investigation into related concepts in the online learning literature. Paper presented at the 2023 Association for Educational Communications and Technology International Convention, Orlando, FL.
- Lowenthal, P. R. (2023, November). Investigating faculty perceptions of creating accessible online learning with Ally. Paper presented at the International Council for Open and Distance Education World Conference. San Jose, Costa Rica.
- 2022** Kumar, S., Ritzhaupt, A. D., Dawson, K., Ari, F. Vasconcelos, L., Perkins, R., & Lowenthal, P. R. (2022, October). Research in online edd programs: designing for program quality and student learning. DDL presidential panel presentation at the 2021 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Lomellini, A., & Lowenthal, P. R. (2022, October). Instructional designers' perceptions of inclusive online course design. Paper presented at the 2022 Association for Educational Communications and Technology International Convention, Las Vegas, NV.
- Lomellini, A., Prokes, C., Lowenthal, P. R. (2022, October). Faculty views and goals of using accessibility tools. Paper presented at the 2022 Association for Educational Communications and Technology International Convention, Las Vegas, NV.
- Olesova, L., Sadaf, A., Kumar, S., Martin, F., Ritzhaupt, A. D., Bonk, C. J., Lowenthal, P. R., Snelson, C., Sun, T., Westine, C. (2022, October). Systematic reviews of research on online learners. DDL presidential panel presentation at the 2022 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Gassel, C., Lowenthal, P. R., Uribe-Flórez, L. J., & Ching, Y-H. (2022, April). Interaction in Asynchronous Discussion Boards: A Campus-Wide Analysis to Better Understand Regular and Substantive Interaction. Paper presented at the 2022 American Educational Research Association Annual Meeting, San Diego, CA.
- Lowenthal, P. R., & Trespalcacios, J. (2022, April). Classroom community and time: Comparing student perceptions in traditional versus accelerated online courses. Paper presented at the 2022 American Educational Research Association Annual Meeting, San Diego, CA.
- 2021** Dunlap, J. C., Lowenthal, P. R., & Stoddard, A. (2021, November). Drinking from a fire hose: Lessons learned about online teaching in the wake of COVID-19. Poster presentation at the 2021 Association for Educational Communications and Technology International Convention, Chicago, IL.
- Lowenthal, P. R., & Lomellini, A. (2021, November). Creating accessible online learning: A preliminary investigation of faculty and educational technologists' knowledge and skills. Paper presented at the 2021 Association for Educational Communications and Technology International Convention, Chicago, IL.
- Olesova, L., Sadaf, A., Richardson, J., Lowenthal, P., Dunlap, J., McCarron, G., Caskurlu, S., Kozan, K., & Calkins, B. (2021, November). DDL presidential panel on the Community of Inquiry: Current

issues and future directions. Panel presentation at the 2021 Association for Educational Communications and Technology International Convention, Chicago, IL.

Prokes, C. R., Lowenthal, P., Rice, K., & Snelson, C. (2021, November). Practice makes perfect: Supporting online competency-based education faculty. Paper presented at the 2021 Association for Educational Communications and Technology International Convention, Chicago, IL.

Wertz, C., Shelton, B. E., Uribe-Flórez, L. J., & Lowenthal, P. (2021, November). Using simulations in radiography science education: Perceptions and practice. Paper presented at the 2021 Association for Educational Communications and Technology International Convention, Chicago, IL.

Totorica, T., Cavey, L.O., Libberton, J. & Lowenthal, P.R. (2021, October 14-17). Designing a video-based intervention to elicit teacher candidates' mathematical ideas: The hexagon task [Brief research report]. The 43rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Philadelphia, PA, United States.

Dunlap, J. C., Lowenthal, P. R., & Stoddard, A. (2021, July). Drinking from a fire hose: Lessons learned about online teaching in the wake of COVID-19. EdMedia + Innovate Learning 2021 (Association for the Advancement of Computing in Education), Virtual.

Lowenthal, P. R., West, R. E., Archambault, L., Borup, J., & Belt, E. (2021, April). Faculty perceptions of using synchronous video-based communication technology. Paper presented at the 2021 American Educational Research Association Annual Meeting.

Dunlap, J. C., & Lowenthal, P. R. (2021, April). Drinking from a fire hose: Lessons learned about online teaching in the wake of COVID-19. Paper presented at the 2021 American Educational Research Association Annual Meeting.

2020 Lowenthal, P. R., Humphrey, M., Conley, Q., & Lowenthal, A. (2020, November). Developing digital literacy skills in special education: The evolution of a design and development study. Paper presented at the 2020 Association for Educational Communications and Technology International Convention.

Lowenthal, P. R., Trespalacios, J., Uribe-Flórez, L., Perkins, R., & Snelson, C. (2020, November). Students' sense of connectedness in an online Ed.D. program: A mixed methods investigation. Paper presented at the 2020 Association for Educational Communications and Technology International Convention.

Trespalacios, J., Uribe-Flórez, L., Lowenthal, P. R., & Lowe, S. (2020, November). Analyzing new online graduate students' perceptions of institutional resources. Paper presented at the 2020 Association for Educational Communications and Technology International Convention.

Cavey, L. O., Banner, D. & Lowenthal, P. R. (2020, April). Supporting mathematics teacher noticing skills through video-based interventions: A review of the literature. Paper was to be presented at the American Educational Research Association (AERA), San Francisco, CA.
<http://tinyurl.com/tq5oc6g> (Conference Canceled)

Humphrey, M., Lowenthal, P. R., Conley, Q. & Lowenthal, A. (2020, April). Digital literacy and special education: An investigation of special education teachers' digital literacy skills. Paper was to be presented at the American Educational Research Association (AERA), San Francisco, CA.
<http://tinyurl.com/s4sx7or> (Conference Canceled)

Lowenthal, P. R., Uribe-Flórez, L. J., Trespalacios, J., Perkins, R. A. & Snelson, C. L. (2020, April). Investigating students' sense of connectedness in an online Ed.D. program. Paper was to be presented at the American Educational Research Association (AERA), San Francisco, CA.
<http://tinyurl.com/sbom6vk> (Conference Canceled)

- Lowenthal, P. R. & Moore, R. (2020, April). Using asynchronous video-based discussions in online learning: An investigation of students' perceptions of Flipgrid. Paper was to be presented at the American Educational Research Association (AERA), San Francisco, CA.
<http://tinyurl.com/v7axqkg> (Conference Canceled)
- Smith, C. D., Lowenthal, P. R., Snelson, C. L. & Yang, D. (2020, April). *Synchronous online peer tutoring via video conferencing technology: An exploratory case study*. Paper was to be presented at the American Educational Research Association (AERA), San Francisco, CA.
<http://tinyurl.com/vabxtod> (Conference Canceled)
- 2019** Hodges, C., & Lowenthal, P. R. (2019, November). Facilitating your online course: Where to focus your efforts when a course is in progress. Paper presented at the World Conference on Online Learning, Dublin, Ireland.
- Lowenthal, P. R., & Trespalacios, J. (2019, November). Classroom community in online courses: An investigation of how community develops in accelerated online courses. Paper presented at the World Conference on Online Learning, Dublin, Ireland.
- Cronk, J., Perkins, R., Lowenthal, P., & Uribe-Flórez, L. (2019, October). Faculty perceptions of smartphone integration in faculty development: A case study. Paper presented at the 2019 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Prokes, C. R., & Lowenthal, P. (2019, October). Developing Instructor self-efficacy in competency-based education. Poster presented at the 2019 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Lowenthal, P., & Moore, R. (2019, October). Exploring student perceptions of asynchronous video-based discussions: An initial investigation of FlipGrid. Paper presented at the 2019 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Smith, C., Lowenthal, P., Snelson, C., & Yang, D. (2019, October). Synchronous online peer tutoring via video conferencing technology: An exploratory case study. Paper presented at the 2019 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Saba, A., & Lowenthal, P. (2019, October). An integrated model of social presence and immediacy: Disentangling foundational theories for teaching and learning. Paper presented at the 2019 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Veletsianos, G., Kimmons, R., Larsen, R., Dousay, T., & Lowenthal, P. (2019, April). Public comment sentiment on educational videos: Understanding the effects of presenter gender, video format, threading, and moderation on YouTube TED talks. Paper presented at the 2019 American Educational Research Association Annual Meeting, Toronto, CA.
- Humphrey, M., Lowenthal, P., Conley, Q. & Lowenthal, A. (2019, March). Secondary special education teachers' digital literacy: Identifying professional development needs within a curriculum. Paper presented at the 2018 Society for Information Technology & Teacher Education Annual Meeting, Las Vegas, NV.
- 2018** Wilson, B. G., Tutaleni, A. I., Lowenthal, P., McDonald, J. K., & Stefaniak, J. (2018, October). Becoming learning designers: A journey for new professionals (with help from academic programs). Paper presented at the 2018 Association for Educational Communications and Technology International Convention (AECT), Kansas City, MO.
- Lowenthal, P. R., Cavey, L., Carney, M., Totorica, T., & Libberton, J... (2018, October). Developing video-based instructional modules on students' functional reasoning: Initial design lessons

- learned. Paper presented at the 2018 Association for Educational Communications and Technology International Convention (AECT), Kansas City, MO.
- Lowenthal, P. R., Lomellini, A., Smith, C., & Greear, K. (2018, October). Accessible online learning: A critical analysis of online quality assurance frameworks. Paper presented at the 2018 Association for Educational Communications and Technology International Convention (AECT), Kansas City, MO.
- Lowenthal, P. R., Humphrey, M., Conley, Q., & Lowenthal, D. A. (2018, October). Using online and blended learning to develop digital literacy skills for students with disabilities. Paper presented at OOFHEC2018: The Online, Open and Flexible Higher Education Conference. Aarhus, Denmark.
- Cavey, L. O., Totorica, T., Carney, M., Lowenthal, P., Libberton, J. (2018, June). Building a student reasoning progression in support of mathematics teacher candidate digital learning. Poster presented at the 13th International Conference on the Learning Sciences, London, England.
- Richardson, J., Swan, K., & Lowenthal, P. (2018, May). Social presence in online learning: Historical perspectives with an eye to the future. Paper presented at the 20th Annual International Conference on Education, Athens, Greece.
- Cavey, L. O. & Lowenthal, P., Carney, M., Libberton, J., Totorica, T. (2018, April). Preparing secondary mathematics teachers using video cases of student thinking with a focus on functional reasoning. Paper presented at the 2018 American Educational Research Association Annual Meeting, New York, NY.
- Cavey, L. O., Totorica, T., Carney, M., Lowenthal, P., Libberton, J. (2018, March). Video case analysis of students' mathematical thinking: initial development process. Paper presented at the 2018 Society for Information Technology & Teacher Education Annual Meeting, Washington, DC.
- **2018 SITE 2018 – Outstanding Paper Award for Math Education****
- Totorica, T., Cavey, L. O., Carney, M., Lowenthal, P., Libberton, J. (2018, February). Video case analysis of students' mathematical thinking to support preservice teacher candidates' functional reasoning and professional noticing. Poster presented at the Research in Undergraduate Mathematics Education conference, San Diego, CA.
- 2017** Lowenthal, P. R., Bodewes, D.*, & Gooding, M.* (2017, November). Learning to teach online: An exploration of how universities train faculty to teach online. Paper presented at the 2017 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.
- Lowenthal, P. R., Conley, Q., Humphrey, M., & Lowenthal, A. (2017, November). Lessons learned developing a digital literacy online training program for students with exceptionalities. Paper presented at the 2017 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.
- Lowenthal, P. R., Cavey, L., Carney, M., Totorica, T., & Libberton, J. (2017, November). Using video to prepare prospective teachers to teach mathematics: A literature review. Paper presented at the 2017 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.
- Lowenthal, P. R., Greear, K., Humphrey, M., Lowenthal, A., & Conley, Q. (2017, October). Accessible online learning: Thinking beyond compliance. Paper presented at the World Conference on Online Learning, Toronto, Canada.
- Lowenthal, P. R., Dunlap, J. C., Keel, J., Gasell, C., & Cronk, J. (2017, October). Does class size matter? Investigating faculty perceptions and practices of teaching large online courses. Paper presented at the World Conference on Online Learning, Toronto, Canada.
- Richardson, J. C., & Lowenthal, P. (2017, April). Instructor social presence: A neglected component of the Community of Inquiry. Paper presented at the eLearning and Software for Education Conference, Bucharest, Romania.

- Humphrey, M., Lowenthal, P. R., Conley, Q., & Lowenthal, A. (2017, April). Developing Digital Literacies Skills: 21st-Century Special Education Transition Service. Paper presented at the American Educational Research Association (AERA), San Antonio, TX.
- Lowenthal, P. R., Dunlap, J. C., & Snelson, C. L. (2017, April). Happy Hour: A Design Case on Integrating Live Synchronous Web Meetings into Asynchronous Online Courses. Paper presented at the American Educational Research Association (AERA), San Antonio, TX.
- Lowenthal, P. R., Perkins, R., & Snelson, C. L. (2017, April). Teaching a MOOC: Tales from the Front Lines of Massive Open Online Courses. Poster presented at the American Educational Research Association (AERA), San Antonio, TX.
- Trespalcacios, J., & Lowenthal, P. R. (2017, April). What do they really like? A retrospective study of students' perceptions of their online coursework. Paper presented at the American Educational Research Association (AERA), San Antonio, TX.
- Cavey, L. O., Lowenthal, P., & Libberton, J. (2017, February). Developing a video-based instructional module about students' functional reasoning. Paper presented at the annual Conference of the Association of Mathematics Teacher Educators. Orlando, FL.
- 2016** Cavey, L. O., & Lowenthal, P. R. (2016, February). Calculus students' ideas about functions: Identifying opportunities to support teacher learning. Paper presented at the 38th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education. Tucson, AZ.
- *Conklin, S. A., Trespalcacios, J., & Lowenthal, P. R. (2016, October). Creating self-determined learners: Our story of using VoiceThread to help students solve ill structured problems. Paper presented at the 2016 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Dunlap, J. C., & Lowenthal, P. R. (2016, October). Instructionally-sound strategies for faculty workload reduction in online courses: Getting some shuteye revisited. Paper presented at the 2016 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV. **[Best Presentation Award]**
- Keel, J.*, Gasell, C.*, Cronk, J.*, Lowenthal, P. R., & Dunlap, J. C. (2016, October). Does size matter? An exploration into faculty perceptions and practices of teaching large online courses. Poster presented at the 2016 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Lowenthal, P. R., Perkins, R., & Snelson, C. (2016, October). Teaching Massive, Open, Online, Courses (MOOCs): Tales from the front lines. Paper presented at the 2016 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Wilson, B. G., Lowenthal, P. R., Shelton, B., & Friesen, N. (2016, October). Busting the myths of educational technology: Embracing our agency. Panel presentation at the 2016 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Trespalcacios, J., & Lowenthal, P. R. (2016, October). Enhancing student learning and sense of community in an online instructional design course. Paper presented at the 2016 Association for Educational Communications and Technology International Convention (AECT), Las Vegas, NV.
- Richardson, J., Swan, K., Lowenthal, P. R., & Ice, P. (2016, April). Social presence in online learning: Past, present, and future. Paper presented at Global Learn, Limerick, Ireland.
- Lowenthal, P. R., Dunlap, J. C., & Snelson, C. (2016, April). Happy Hour: A design case on integrating live synchronous web meetings into asynchronous online courses. Paper presented at Global Learn, Limerick, Ireland.
- Dunlap, J. C., & Lowenthal, P. R. (2016, April). Warm fuzzies work: An analysis of experienced online educators' lessons learned about designing and facilitating online courses. Paper presented at Global Learn, Limerick, Ireland.

Chen, K. -Z., Lowenthal, P., Bauer, C. (2016, March). How do online faculty perceive their professional development opportunity? A case study. Paper presented at the American Educational Research Association (AERA), Washington, DC.

2015 Lowenthal, P. R., Dunlap, J. C., & Stitson, P. (2015, November). Creating an intentional web presence: Strategies for educational technology professionals. Paper presented at the 2015 Association for Educational Communications and Technology International Convention (AECT), Indianapolis, IN.

Lowenthal, P. R. (2015, November). In search of a better understanding of social presence: An investigation into how researchers define social presence. Paper presented at the 2015 Association for Educational Communications and Technology International Convention (AECT), Indianapolis, IN.

*Gasell, C., & Lowenthal, P. R. (2015, October). Moving from "sit and get" to fully online: Our experience making faculty development awesome! Presentation at the 21st annual Online Learning Consortium International Conference, Orlando, FL.

Lowenthal, P. R., Perkins, R., *Hetrick, T., & *Hofegartner, C. (2015, October). Teaching a MOOC: Tales from the front lines of Massive, Open, Online, Courses. Paper presented at the 21st annual Online Learning Consortium International Conference, Orlando, FL.

Swan, K., Garrett Dikkers, A., Whiteside, A., Ice, & P., Lowenthal, P. R. (2015, October). Social presence online: Three research lenses. Presentation at the 21st annual Online Learning Consortium International Conference, Orlando, FL.

Dunlap, J. C., & Lowenthal, P. R. (2015, April). Instructional design lessons learned from reviewing popular infographics. Paper presented at the American Educational Research Association (AERA), Chicago, IL.

Lowenthal, P. R. (2015, April). Did video kill the asynchronous post? Exploring students' perceptions of asynchronous online video and social presence. Paper presented at the American Educational Research Association (AERA), Chicago, IL.

Dunlap, J. C., Bose, D., Lowenthal, P. R., York, C. S., Atkinson, M.*, & Murtagh, J.* (2015, April). A literature review on the use of emoticons to support online learning. Paper presented at the American Educational Research Association (AERA), Chicago, IL.

Perkins, R., & Lowenthal, P. R. (2015, April). Problems and promises of open-access journals in educational technology. Paper presented at the American Educational Research Association (AERA), Chicago, IL.

2014 Dunlap, J. C., & Lowenthal, P. R. (2014, November). Determining design guidelines for instructional infographics. Paper presented at the 2014 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.

Lowenthal, P. R. (2014, November). Is online video really worth the work? Investigating students' perceptions of asynchronous video and social presence. Paper presented at the 2014 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.

Perkins, R., & Lowenthal, P. R. (2014, November). A survey of admissions requirements of online doctoral programs. Paper presented at the 2014 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.

Lowenthal, P. R. (2014, August). Does video improve social presence? Investigating students' perceptions of asynchronous video and social presence. Poster presented at the 2014 European Association for Research on Learning and Instruction (EARLI): Sig 6 & 7 Conference, Rotterdam, Amsterdam.

Lowenthal, P. R. (2014, August). If you record it, will they watch it? And will it matter? Exploring student perceptions of online video. Paper presented at the 30th Annual Conference on Distance Teaching & Learning, Madison, WI.

Lowenthal, P. R., Bauer, C., & Chen, K-Z. (2014, August). Student perceptions of online learning: An analysis of online course evaluations. Paper presented at the 30th Annual Conference on Distance Teaching & Learning, Madison, WI.

Lowenthal, P. R. (2014, June). Students' perceptions of what matters most when it comes to establishing social presence online. Paper presented at the International Higher Education Teaching and Learning Conference, Anchorage, AK.

Lowenthal, P. R. (2014, April). Does video improve social presence? Investigating students' perceptions of asynchronous video and social presence. Paper presented at the 7th annual Emerging Technologies for Online Learning International Symposium. **[Featured Speaker]**

Dunlap, J. C., & Lowenthal, P. R. (2014, April). Design is design is design: What we've learned from designers about preparing instructional designers. Paper presented at the American Educational Research Association (AERA), Philadelphia, PA.

Lowenthal, P. R. (2014, April). Social Presence: What is it? How do we measure it? Paper presented at the American Educational Research Association (AERA), Philadelphia, PA.

Lowenthal, P. R., & Perkins, R. (2014, April). The prevalence of convenient sampling in online learning research: An investigation into sampling trends and implications in research on social presence and online learning. Paper presented at the American Educational Research Association (AERA), Philadelphia, PA.

2013 Dunlap, J. C., & Lowenthal, P. R. (2013, November). Lessons from the field: An analysis of online instructors' lessons learned about teaching online. Paper presented at the 2013 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA. **[Best Presentation Award]**

Dunlap, J. C., & Lowenthal, P. R. (2013, November). Orienting online students during the first week of class and beyond. Paper presented at the 2013 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA.

Hodges, C., & Lowenthal, P. R. (2013, November). In search of quality: An analysis of MOOC course structure and design. Paper presented at the 2013 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA.

Lowenthal, P. R., & Perkins, R. (2013, November). Educational technology professionals' perceptions of open access journals. Paper presented at the 2013 Association for Educational

Dunlap, J. C., & Lowenthal, P. R. (2013, October). Design is design is design: What we've learned from designers about preparing instructional designers. Paper presented at the 2013 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA.

Lowenthal, P. R., Dunlap, J. C., Dobrovolsky, J., Feyissa, S., & Pascoe, M. (2013, October). Getting graphic about infographics: An analysis of popular infographics. Poster session presented at the 2013 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA.

Lowenthal, P. R., & Dunlap, J. C. (2013, April). Problems Measuring Communities of Inquiry: An Investigation of the Community of Inquiry Questionnaire Limitations. Paper presented at the American Educational Research Association (AERA), San Francisco, CA.

Lowenthal, P. R., & Dunlap, J. C. (2013, February). Lessons from the field: An analysis of online instructors' best practices teaching online. Paper presented at the EDUCAUSE Learning Initiative (ELI), Denver, CO.

- 2012** Lowenthal, P.R., & Dunlap, J. C. (2012, November). Problems Measuring Communities of Inquiry: An Investigation of the Community of Inquiry Questionnaire Limitations. Paper presented at the 2012 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Lowenthal, P.R., & Dunlap, J. C. (2012, November). Web Presence and Search Engine Optimization for Academics: Rethinking Scholarship and Knowledge Dissemination in a "Google World." Paper presented at the 2012 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Lowenthal, P. R., & Perkins, R. (2012, November). The Prevalence of Convenient Sampling: An Investigation into Sampling Trends in Online Learning Research. Presentation at the 2012 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Dunlap, J., & Lowenthal, P. R. (2012, April). Presentations as Aesthetic Learning Experiences: An Exploration of Instructional Strategies Used By Exceptional Presenters. Paper presented at the American Educational Research Association (AERA), Vancouver.
- Dunlap, J. C., & Lowenthal, P. R. (2012, June). Presentations as Aesthetic Learning Experiences: Situational Qualities Exhibited By Exceptional Presenters. Paper presented at the ED-MEDIA 2012 International Conference, Denver, CO.
- Dunlap, J. C., Gloor, S., Lowenthal, P. R., Stevens, E., & Yuhnke, B. (2012, June). Things I Have Learned In My Online Course So Far. Presentation at the ED-MEDIA 2012 International Conference, Denver, CO.
- 2011** Dunlap, J., & Lowenthal, P.R. (2011, November). Presentations as Aesthetic Learning Experiences: An Exploration of Instructional Strategies Used By Exceptional Presenters. Paper presented at the 2011 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.
- Dunlap, J., & Lowenthal, P.R. (2011, November). "Once Upon a Time There was This Great Teacher..." What Students' Stories Tell Us about Good Instruction. Paper presented at the 2011 Association for Educational Communications and Technology International Convention (AECT), Jacksonville, FL.
- Lowenthal, P. R., & Dunlap, J. (2011, April). Investigating Students' Perceptions of Various Instructional Strategies to Establish Social Presence. Paper presented at the annual meeting of the American Educational Research Association (AERA), New Orleans, LA.
- 2010** Dunlap, J., & Lowenthal, P.R. (2010, October). Using digital music to enhance students' experience in online courses. Paper presented at the 2010 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA.
- Dunlap, J., & Lowenthal, P.R. (2010, October). Using Web 2.0 Technologies to Support the Development of Lifelong Learning Skills. Paper presented at the 2010 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA.
- Lowenthal, P. R., Wilson, B. G., & Dunlap, J. C. (2010, October). An analysis of what instructional designers need to know and be able to do to get a job. Paper presented at the 2010 Association for Educational Communications and Technology International Convention (AECT), Anaheim, CA.
- Dunlap, J., & Lowenthal, P.R. (2010, June). Investigating Twitter's Ability to Enhance Social Presence. Paper presented at ISTE 2010, Denver, CO.
- Dunlap, J. C., & Lowenthal, P. R. (2010, June). Using Digital Music to Enhance Students' Experience in Online Courses. Paper presented at ISTE 2010, Denver, CO.

- Dunlap, J. C., & Lowenthal, P. R. (2010, April). What's your best learning experience? What students' stories tell us about engaging teaching and learning. Paper presented at the annual meeting of the American Education Research Association (AERA), Denver, CO.
- Lowenthal, P. R. (2010, April). Social presence: What is it? Does it make a difference? Paper presented at the annual meeting of the American Education Research Association (AERA), Denver, CO.
- Lowenthal, P. R., & Dunlap, J. C. (2010, April). Investigating Twitter's ability to enhance social presence. Paper presented at the annual meeting of the American Education Research Association (AERA), Denver, CO.
- Lowenthal, D. A., & Lowenthal, P. R. (2010, April). A mixed methods examination of instructor social presence in accelerated online courses. Paper presented at the annual meeting of the American Education Research Association (AERA), Denver, CO.
- 2009** Dunlap, J., & Lowenthal, P. R. (2009, November). Tweeting the night away: Enhancing social presence with Twitter. Paper presented at EDUCAUSE 2009, Denver, CO.
- Lowenthal, P. R., White, J. W., & Cooley, K. (2009, November). Implementing electronic portfolios by beginning with student assessment. Paper presented at EDUCAUSE 2009, Denver, CO.
- Lowenthal, P. R., & Thomas, D. (2009, November). Death to the dropbox: Rethinking student privacy and public performance. Paper presented at EDUCAUSE 2009, Denver, CO.
- Dunlap, J., & Lowenthal, P. R. (2009, October). Pecha Kucha, an alternative format for presentations. Presentation at the 2009 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Dunlap, J., & Lowenthal, P. R. (2009, October). Tweeting the night away: Enhancing social presence with Twitter. Paper presented at the 2009 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Lowenthal, P. R. (2009, October). Social presence: What is it? Does it make a difference? Paper presented at the 2009 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Lowenthal, P. R., Lowenthal, D. A., & White, J. W. (2009, October). The changing nature of online communities of inquiry: An analysis of how discourse and time shapes students' perceptions of presence. Paper presented at the 2009 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Lowenthal, P. R., Wilson, B., & Parrish, P. (2009, October). Context matters: A description and typology of the online learning landscape. Paper presented at the 2009 Association for Educational Communications and Technology International Convention (AECT), Louisville, KY.
- Lowenthal, A., & Lowenthal, P. R. (2009, April). Revisiting teaching presence: An analysis of teaching presence across discourse communities. Paper presented at the annual meeting of the American Education Research Association (AERA), San Diego, CA.
- 2008** Lowenthal, P. R., & Wilson, B. G. (2008, November). Labels do matter! A critique of AECT's redefinition of the field. Paper presented at the annual meeting of the Association for Educational Communications and Technology (AECT), Orlando, FL. **[Presidential Session]**
- Lowenthal, P. R., White, J. W., Cooley, K., & Davies, M. S. (2008, November). Thinking differently about student assessment and program evaluation in a school of education: A self-study and blueprint for change! Paper presented at the annual meeting of the American Evaluation Association, Denver, CO.
- White, J. W., & Lowenthal, P. R. (2008, April). Returning to an ideal that never existed: Business management and the rhetoric of school reform. Paper presented at the annual meeting of the American Education Research Association (AERA), New York, NY.

- 2006** Stevens, E., Wray, M., Switzer, T., Bates, B., & Lowenthal, P. (2006, November). Examining faculty motivation to participate in professional development. Paper presented at the annual meeting of the Association for the Study of Higher Education, Anaheim, CA.
- Lowenthal, P. R., Dunlap, J., & Stevens, E. (2006, May). Digital storytelling: An emerging instructional technology? Paper presented at the third Narrative Matters Conference, Acadia, Nova Scotia.
- 2005** Wray, M., Lowenthal, P. R., Switzer, T., Bates, B., Stevens, E., & Dunlap, J. (2005, October). Carrot and stick: Faculty development incentives and motivators. Paper presented at the annual meeting of the Professional and Organizational Development Network in Higher Education (POD), Milwaukee, WI.
- Lowenthal, P. R., Stevens, E., Wray, M., Dunlap, J., Bates, B., & Switzer, T. (2005, October). Moving past case studies: Personalizing faculty development with storytelling. Poster session presented at the annual meeting of the Professional and Organizational Development Network in Higher Education (POD), Milwaukee, WI.
- Lowenthal, P., Stevens, E. & Dunlap, J. (2005). Digital Storytelling—the missing key to online faculty development? Paper presented at the annual meeting of the Society for Information Technology and Teacher Education International (SITE), Phoenix, AZ.

Regional, State, or Local

- 2015** Lowenthal, P. R., & Trespacios, J. (2015, October). Instructional strategies to foster online classroom community. Paper presented at the annual meeting of the Northern Rocky Mountain Educational Research Association, Boise, ID.
- 2005** Lowenthal, P. R., Wray, M., Dunlap, J., Stevens, E., Switzer, T., & Bates, B. (2005, October). Digital storytelling: Trends, issues, and opportunities. Paper presented at the annual meeting of the Northern Rocky Mountain Educational Research Association, Jackson Hole, WY.
- Stevens, E., Switzer, T., Wray, M., Lowenthal, P. R., Bates, B., & Dunlap, J. (2005, October). Faculty development attitudes and motivators. Paper presented at the annual meeting of the Northern Rocky Mountain Educational Research Association, Jackson Hole, WY.
- Switzer, T., Stevens, E., Lowenthal, P. R., Wray, M., Bates, B., & Dunlap, J. (2005, October). Round tables: Where has Camelot gone? Presentation at the annual meeting of the Northern Rocky Mountain Educational Research Association, Jackson Hole, WY.
- 2004** Bates, B., Lowenthal, P. R., Wray, M., Stevens, E., Switzer, T., & Dunlap, J. (2004, October). Potentials and possibilities: Virtual faculty development. Paper presented at the annual meeting of the Northern Rocky Mountain Educational Research Association, Custer, SD.

Presentations: Non-Peer Reviewed

National and International

- 2014** Bose, D., & Lowenthal, P. R. (2014, November). Instructor perceptions of integrating mobile devices in the classroom. Paper presented at WICHE Cooperative for Educational Technologies annual conference, Portland, OR.
- 2011** Dunlap, J., Gloor, S., Lowenthal, P. R., Stevens, E., & Yuhnke, B. (2011, April). Things I have learned in my online course so far. Presentation at Pearson CITE 2011. Denver, CO.
- 2009** Lowenthal, P. R., & Thai, A. (2009, October). Creating and using Google forms. Presentation at WICHE Cooperative for Educational Technologies annual conference, Denver, CO.
- 2005** Lowenthal, P. R., Dunlap, J., Stevens, E., Wray, M., & Bates, B. (2005, June). *Storytelling for instructional change*. Presentation at the annual meeting of Teaching for a Change, Westminster, CO.

Regional, State, or Local

- 2020** Lowenthal, P. R., & Humphrey, M. (2020, February). Developing digital literacy skills in special education: The evolution of a design and development study. Boise State University, Boise, ID.
- 2019** Lowenthal, P. (2019, October). Creating and facilitating effective discussions in online courses. Presentation at 2019 Northwest eLearn Conference, Bend, OR.
- 2018** Lowenthal, P. R., Lowenthal, D. A., & Greear, K. (2018, October). Accessible online learning: Let's broaden the discussion. Presentation at 2018 Northwest eLearn Conference, Boise, ID.
- Lowenthal, P. R., Nyland, R., Jung, E., Kepka, J., & Dunlap, J. C. (2018, October). Teaching large online courses: Implications for the research and practice of online learning. Presentation at 2018 Northwest eLearn Conference, Boise, ID.
- Lowenthal, P., Lowenthal, A., & Humphrey, M. (2018, March). Developing digital literacy skills for the 21st century. Presentation at the 2018 Tools for Life Conference. Moscow, ID.
- 2017** Conley, Q., Lowenthal, P., & Humphrey, M. (2017, March). How to apply for a job with your computer. Presentation at the 2017 Tools for Life Conference. Pocatello, ID.
- Conley, Q., Lowenthal, P., & Humphrey, M. (2017, March). How to help students get a job or go to college. Presentation at the 2017 Tools for Life Conference. Pocatello, ID.
- 2015** *Stapp, C., & Lowenthal, P. R. (2015, October). The many faces of social presence. Presentation at 2015 Northwest eLearn Conference, Olympia, WA.
- Lowenthal, P. R. (2015, July). Creating an intentional web presence: Strategies for educational technology profession. Presentation at the 2015 Idaho Conference on Undergraduate Research, Boise ID.
- 2014** Lowenthal, P. R. (2014, October). Thinking differently about social presence in online courses. Presentation at 2014 Northwest eLearn Conference, Boise, ID.
- Black, J., Carter-Cram, K., Lowenthal, P. R. (2014, October). A collaborative approach to training online faculty. Presentation at 2014 Northwest eLearn Conference, Boise, ID.
- Lowenthal, P. R. (2014, May). Lessons learned trying to teach on the go. Boise State University Mobile Learning Institute, Boise, ID.
- 2013** Lowenthal, P. R. (2013, October). Thinking differently about threaded discussions. Paper presented at 2013 Northwest eLearn Conference, Spokane, WA.
- Dobrovoly, J. & Lowenthal, P. R. (2013, August). What is your brand as an online instructor? Presentation at the Colorado Learning and Teaching with Technology, Boulder, CO.
- Lowenthal, P.R., & Dunlap, J. C. (2013, March). Lessons from the field: An analysis of online instructors 'best practices' teaching online. Presentation for Northwest eLearn.
- 2012** Lowenthal, P.R., & Dunlap, J. C. (2012, October). Establishing Social Presence in Online Learning Environments. Presentation at 2012 Northwest eLearn Conference, Portland, OR.
- Lowenthal, P. R. (2012, February). Web presence and search engine optimization for academics: Rethinking scholarship, "impact", and knowledge dissemination in a "Google World." Presentation at the Faculty Learning Community.
- 2011** Dunlap, J. C., Stevens, E., Gloor, S., Yuhnke, B., & Lowenthal, P. R. (2011, August). Things I have learned in my online course so far. Presentation at the Colorado Learning and Teaching with Technology, Boulder, CO.
- Dunlap, J. C., Gloor, S., Lowenthal, P. R., Stevens, E., & Yuhnke, B. (2011, May). Things I have learned in my online course so far. CU Online Spring Symposium, Denver, CO.
- Lowenthal, P. R. (2011, May). Learning analytics. CU Online Spring Symposium, Denver, CO.
- 2010** Lowenthal, P. R. (2010, May). Literacy in the 21st Century. CU Online Spring Symposium, Denver, CO.

- Thomas, D., & Lowenthal, P. R. (2010, May). Academic Life Live! Real time Research, Teaching, and Service, online. CU Online Spring Symposium, Denver, CO.
- Lowenthal, P. R., & Thai, A. (2010, January). True or False: Is it Time to Rethink Assessment?, CU Online Winter Web Camp, Denver, CO. [Simulcasted]
- Thomas, D., & Lowenthal, P. R. (2010, January). Teaching Large Sections Online, CU Online Winter Web Camp, Denver, CO. [Simulcasted]
- 2009** Dunlap, J., & Lowenthal, P. R. (2009, August). Say what?!? Ensuring everyone has a voice during online course discussions. Colorado Learning and Teaching with Technology, Boulder, CO.
- Lowenthal, P. R., & Dunlap, J. (2009, August). "We don't need no education": Music-Driven Instructional Activities for Online Courses. Colorado Learning and Teaching with Technology, Boulder, CO.
- Lowenthal, P. R. (2009, May). Integrating Multimedia into your Course, 2009 Spring Symposium, CU Online, Denver, CO.
- Wray, M., Lowenthal, P. R., Bates, B., & Stevens, E. (2009, April). Investigating perceptions of teaching online & f2f. Paper presented at the School of Professional Studies 2008-2009 Colloquia, Denver, CO.
- Lowenthal, P. R. (2009). Google Forms: Student Interaction and Data Gathering for the 21st Century, CU Online Winter Web Camp, Denver, CO. [Simulcasted]
- Thomas, D., & Lowenthal, P. R. (2009). Student Engagement, Social Presence, and the Future of Online Learning. CU Online Winter Web Camp, Denver, CO. [Simulcasted]
- 2008** Lowenthal, P. R., & Thai, A. (2008). Using PowerPoint differently when teaching online. Colorado Learning and Teaching with Technology, Boulder, CO.
- Thai, A., & Lowenthal, P. R. (2008). What's New in Blackboard 8: A New Hope, 2008 Spring Symposium, CU Online, Denver, CO.
- 2006** Lowenthal, P. R. (2006, June). *Digital stories: Issues and opportunities*. Presentation at the annual meeting of Technology in Education, Copper Mountain, CO.
- 2005** Lowenthal, P. R., Dunlap, J., Stevens, E. (2005, June). *Is PowerPoint evil?* Paper presented at the 10th annual meeting of Teaching with Technology, Boulder, CO.
- Lowenthal, P. R., Stevens, E., & Dunlap, J. (2005, June). *Digital stories: Building teacher presence while teaching online*. Paper presented at the 10th annual meeting of Teaching with Technology, Boulder, CO.
- Lowenthal, P. R. (2005, June). *Moving past the evils of PowerPoint: Lessons in visual literacy*. Paper presented at the annual meeting of Technology in Education, Copper Mountain, CO.
- Lowenthal, P. R. (2005, January). *Thinking beyond the classroom—the importance of instructional design for culinary arts professionals*. Paper presented at the regional meeting of the Rocky Mountain Council of Hotel Restaurant and Institutional Educators, Denver, CO.
- Invited**
- 2024** Lowenthal, P. R. (2024, August). Moving beyond two posts and three replies a week: Strategies to improve student engagement in online discussions. Summer Teaching and Learning Institute. Grand Rapids Community College. **[Featured Speaker]**
- Lowenthal, P.R., Dunlap, J. C., Nyland, R., & Jung, E. (2024, February). Teaching large online courses: Faculty perspectives on the impact of class size in online courses. 16th Annual Transforming the Teaching and Learning Environment.
- 2023** Lowenthal, P. R. (2023, May). Amplifying Student Voice: Evidence-based strategies to improve interaction, social presence, and a sense of community in online learning. Summer Institute. Texas State University.

- 2022** Lowenthal, P. R. (2022, April). Effective uses of video in online learning. Spring 2022 VESC: Micro Conference. North Central University.
- 2021** Lowenthal, P. R., & Dunlap, J. C. (2021, April). Social presence and online discussions: A mixed method investigation. Presentation for Open and Distance Learning Association of Australia (ODLAA).
- Lowenthal, P. R. (2021, April). Developing communities of inquiry: Strategies to improve interaction, social presence, and community in online learning. Presentation for the Center for Faculty Excellence, Cleveland State University.
- Lowenthal, P. R. (2021, March). Strategies to improve interaction, social presence, and community in online learning. Presentation for the Maryland Distance Learning Association.
- 2018** Lowenthal, P. R. (2018, December). Creating accessible and inclusive online learning: Thinking beyond compliance. Presentation for the Distance/Flexible Education SIG of the Society for Information Technology & Teacher Education.
- Lowenthal, P. R., Humphrey, M., & Taylor, S. (2018, November). Lessons learned developing a digital literacy program for students with disabilities. Presentation at the 2018 Idaho Transition Institute. Boise, ID.
- Lowenthal, P. R. (2018, September). Developing social presence in the online classroom. eLearning Academy, Community College of Spokane, Spokane, WA. **[Keynote]**
- Lowenthal, P. R. (2018, September). Strategies for faculty workload reduction in online courses. eLearning Academy, Community College of Spokane, Spokane, WA.
- Lowenthal, P. R. (2018, May). Instructor social presence. Cameron School of Business, University of North Carolina, Wilmington.
- Lowenthal, P. R. (2018, February). Using live synchronous web meetings in asynchronous online courses. Division of Distance Learning, AECT.
- 2017** Lowenthal, P. R. (2017, November). Captioning online videos: A faculty perspective. Digital Ecosystems Conference, Boise, ID.
- 2016** Lowenthal, P. R. (2016). Revisiting presence and community in the online classroom. Northwest eLearn, Eugene, OR. **[Keynote]**
- Lowenthal, P. R. (2016). Quality online courses. Quality Assurance Task Force. Mount Saint Mary's University, Los Angeles, CA.
- 2015** Lowenthal, P. R., & Dunlap, J. C. (2015). Reaching out, being there. What we know and don't know about social presence. How to Humanize Your Online Course. EDUCAUSE Learning Initiative Course.
- Lowenthal, P. R. (2015). Getting Graphic About Infographics: Strategies for Incorporating Visuals in the Classroom. Learn-IT 2015. Northern Illinois University, DeKalb, IL. **[Keynote]**
- 2014** Black, J., Carter-Cram, K., & Lowenthal, P. R. (2014). Teaching with Blackboard without losing your soul. Digital Ecosystems of Boise State University. Boise, ID.
- Lowenthal, P. R. (2014). Building online community. Digital Ecosystems of Boise State University. Boise, ID.
- Lowenthal, P. R. (2014). Presence & engagement in online learning environments. Pacific Lutheran University Teaching Online (PLUTO) 2014 Blended Learning Institute. Tacoma, WA. **[Keynote]**
- Lowenthal, P. R. Improving student retention in online courses. Inside Higher Ed Webinar.
- 2013** Lowenthal, P. R., & Thomas, D. (2013). Learning analytics - First class or coach? CU Online Spring Symposium, Denver, CO.

Richardson, J.C., Lowenthal, P., Swan, K., & Cleveland-Innes, M. (2013, June). Debating the role and measures of social presence. The Canadian Institute of Distance Education Research; Invited Webinar available at: <http://cider.athabascau.ca/CIDERSessions/>

2011 Lowenthal, P. R. (2011). High quality online learning. Presentation at the Students Come First Technology Task Force. Boise, ID.

Lowenthal, P. R. (2011). High quality online learning. Presentation at the Online Learning Task Force. Boise, ID.

2006 Lowenthal, P. R. (2006, May). I'll take visual clutter for \$200 - Help Stop PowerPoint Abuse! 2006 Spring Symposium, CU Online, Denver, CO.

Lowenthal, P. R. (2006). SharePoint 101: Creating a course web site in SharePoint, Annual Faculty Development Conference, Regis University, Denver, CO.

Grants

Under Review

2025

Title From Faculty to Future Teachers: Building AI Capacity Together
Sponsor Boise State University, College of Education

Title Planning: IUOE/PFE:RED Planning: Creating Innovative SPACE in Mechanical Engineering Education Powered by Industry Engagement and AI Integration
Sponsor National Science Foundation

Title EDU EPSCoR DCL: SAIL: STEM Academy in Leadership
Sponsor National Science Foundation

Funded

2025

Title Preparing STEM Teacher Leaders for Rapidly Expanding Microelectronics Ecosystems: Idaho and New York
Award Number 2448270
Sponsor National Science Foundation
Role Evaluator

Title Scalable Storytelling Interventions to Support Graduate Student Success in STEM
Award Number 232504
Sponsor National Science Foundation
Role Evaluator

2024

Title Effects of Enhanced Representations in Digital Mathematics Practice Items
Sponsor Institute of Education Sciences
Role Co-Primary Investigator

Title Embedding Personal Narratives in Engineering Courses to Improve Engineering Student Success, Award Number 2142137 (\$595,444)
Sponsor National Science Foundation
Role Co-Primary Investigator

Title Closing the Loop: From Student to STEM Teacher for Idaho Schools, Award Number 1758436
Sponsor National Science Foundation
Role Final Evaluator

2023	Title	MSEd, Educational Technology, Site Visit and Program Evaluation
	Sponsor	Western Oregon University
	Role	Evaluator
2021-2023	Title	Collaborative Research: Research Initiation: Mobile Assisted Gains through Innovative Curriculum (MAGIC) for STEM Undergraduates (\$200,000)
	Sponsor	National Science Foundation
	Role	Evaluator
2018-2018	Title	A Partnership with WIC to Prepare Mothers During Pregnancy to Breastfeed a Late Preterm or Early Term Infant (\$20,000)
	Sponsor	Institute of Translational Health Sciences
	Role	Key Personnel
2017-2022	Title	Preparing Secondary Mathematics Teachers With Video Cases of Students' Functional Reasoning (\$1,596,856)
	Sponsor	National Science Foundation
	Role	Co-Primary Investigator
2017	Title	21st Century learning community centers grant evaluation: Shadow Butte Elementary, Emmett, ID. (\$6000)
	Sponsor	Idaho State Department of Education
	Role	Evaluator
2016-2019	Title	Developing Digital Literacies Skills for College and the Workplace (\$303,000)
	Sponsor	Vocational Rehabilitation, State of Idaho
	Role	Co-Primary Investigator
2015-2015	Title	Building Young Women's Health Literacy Skills through an Online Game to Promote Breastfeeding (\$75,000)
	Sponsor	National Institutes of Health
	Role	Consultant
2014-2015	Title	Is online video really worth the work? Investigating students' perceptions of asynchronous video and social presence (\$3,253.29)
	Sponsor	Center for Teaching & Learning Grant, Boise State University
	Role	Primary Investigator
2014-2015	Title	mLearning Scholar 2.0: Investigating video announcements in fully online courses
	Sponsor	Instructional Design and Educational Assessment, Boise State University
	Role	Primary Investigator
2013-2014	Title	mLearning Scholar 1.0: Explorations teaching fully online courses with a mobile device (\$500)
	Sponsor	Academic Technologies, Boise State University
	Role	Primary Investigator
2003-2004	Title	Online Teacher Preparation (\$175,000)
	Sponsor	Barat Foundation
	Role	Key Personnel
2003-2004	Title	Classroom Instruction that Works
	Sponsor	McREL & Rose Foundation
	Role	Key Personnel

Unfunded

2025	T.H.R.I.V.E. (Telling Humanistic Reflections to Inspire Vital Engagement): Harnessing the Power of Storytelling for Lifelong Learning at OSHER. Submitted to the Osher Institute Faculty Grant Program, Boise State University.
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2024	Developing Custom Generative AI Tools for Teaching and Learning in Higher Education. Submitted to the National Science Foundation (NSF) SAIL: STEM Academy in Leadership (FSF). Submitted to the National Science Foundation (NSF)
2023	S-STEM REINSPIRE: REcruItInG and retaining Students in graduate Programs in Mathematics, Engineering and InfoRmation technology and Enhancing Pathways to Cyber Careers (NSF) Investigating Students with Disabilities' Lived Experiences Persisting and Succeeding in Online Courses and Programs (Google) Collaborative Research: Racial Equity in Calculus Through Analysis of Student Thinking (NSF).
2022	Video Case Analysis of Student Thinking to Diversify Learning in the Mathematical Sciences. Submitted to the National Science Foundation (NSF).
2021	An Integrated STEM + Algorithm and Programming (AP) Curriculum for Economically Disadvantaged, Academically Exceptional, and General Education Students. Submitted to the National Science Foundation (NSF).
2019	Investigating Students' Sense of Connectedness. Submitted for the eCampus Center Online Research Fellowship.
2018	Developing Digital Literacy Skills: Transitioning Students to the 21st Century. Submitted to the Institute of Education Sciences (IES).
2015	SCALE UP: Students in the Community Advancing Learning through Engagement – a University/learning center Partnership. Submitted to the National Science Foundation (NSF).
2015	Promote an effective teaching and learning ecosystem: An investigation of social presence, community, and engagement in online courses. Submitted to the Distance Education and Technological Advancements (DETA) Research Center.
2015	Ear Detective: A project focused on using mobile technology to develop children's aural skills & music appreciation, Osher Institute Faculty Grant Program, Boise State University.
2008	Micro-simulations in instruction, McArthur Grant.

SERVICE

Service to the University

Department Committees

- Program Area Coordinator, Educational Technology (2024- present)
- Doctoral Co-Coordinator (2019 - 2024)
- Scholarship Coordinator (2017 - present)
- Business Coordinator Search Committee (2017 - 2018)
- Doctoral Planning Committee (2013-present)
- Curriculum Committee (2012 - 2013; 2016 - 2017, 2021-present)
- Sabbatical committee (2016)

College Committees

- Promotion and Tenure Committee (2018 - 2022)
- End-of-course Evaluations Committee (2016)
- Promotion and Tenure Taskforce (2015)
- Technology Committee (2012 - 2013)

University Committees

- Artificial Intelligence Taskforce (2023)
- Online Programs Collaborative – College Delegate (2022 - present)
- "Assistant Director, Research and Innovation" Search Committee (2021)

- Video Enterprise Review Committee (2019)
- VCAST Project Manager Search Committee (2018)
- Digital Ecosystems Planning Committee (2017)
- "Senior Instructional Design Consultant" Search Committee (2016)
- eCampus Faculty Associate (2013 - present)
- Honorary Doctorate Committee (2014 - 2016)
- Academic Integrity and Student Authentication Advisory Team Meeting (2015)
- Technology eBook Selection Committee (2015)
- Student Response Task Force (2013)
- "Coordinator of Instructional & Assessment Platforms" Search Committee (2013)

Service to the Profession

Governance

- Division of Distance Learning (DDL) Representative, AECT Board of Directors (2024-present)
- Communications Officer, AECT Research & Theory Division (2015 - 2016)
- Communications Officer, AECT Division of Distance Learning (2011 - 2014)
- Crystal Award Coordinator, AECT Division of Distance Learning (2011)
- V.P. of Publications, Front Range Chapter, International Society of Performance Improvement (ISPI) (2005-2006)

Selected Advisory / Editorial / Review

- Special Issue Guest Editor, Instructional Communication Competence and Instructor Social Presence: Enhancing Teaching and Learning in the Online Environment, *Frontiers* (2023-2024)
- Special Issue Guest Editor, *AERA Special Issue, Online Learning Journal* (2022, 2023, 2024)
- Senior Associate Editor, *Online Learning* (2022-present)
- Associate Editor, *Online Learning* (2021-2022)
- Senior Assistant Editor, *Online Learning* (2017-2021)
- Special Issue Guest Editor, *Distance Education* (volume 38, issue 2)
- Editorial Board Member, *Educational Technology Research & Development* (2015-present)
- Reviewer, *Computers & Education* (2015-present)
- Reviewer, *Quarterly Review of Distance Education* (2009-present)
- Editorial Board Member, *The Internet and Higher Education* (2011-2025)
- Proposal reviewer, Association for Educational Communications and Technology (2010-2014)
- Reviewer, *Journal of Online Learning and Teaching* (2009-2014)
- Book proposal reviewer, Routledge (2013, 2014)
- Online Fall Focus Session advisory group, EDUCAUSE ELI (2013)
- Proposal Reviewer, American Educational Research Association (2005 - present)
- Book award reviewer, AECT Division of Distance Learning (2012)
- Reviewer, *Handbook of Research on Educational Communications and Technology* (2011)
- Editorial Reviewer, *Journal of Research on Technology in Education* (2008-2011)
- National Science Foundational Panel (2020, 2021, 2023)

Other

- Subject Matter Expert for the Personnel Technological Proficiency Self Assessment, Colorado Department of Education (CDE) (2010)
- Accreditation Visit, Thimmig K-8, Brighton School District 27J (2003)

PROFESSIONAL MEMBERSHIPS

- American Educational Research Association (AERA)
- Association for Educational Communications and Technology (AECT)
- Online Learning Consortium (OLC)
- Quality Matters
- The Learning Guild
- EDUCAUSE

RECOGNITION, HONORS, AND AWARDS

- 2025** Karen J. Swan OLJ Outstanding Research Achievement Award in Digital Learning, Online Learning Consortium.
- 2023** eCampus Online Learning Research Fellowship, eCampus Center, Boise State University
 Fulbright-Hays Title VI Grant recipient, Taiwan in the 21st Century: At the Crossroads of Past and Future, Taichung, Taiwan
 Nominated for 2022-2023 University Foundation Excellence Award for Tenured or Tenure-track Faculty, Boise State University
- 2022** AECT Division of Distance Learning Journal Article Award:
 1st Place Winner – Qualitative Focused Article: Belt, E., & Lowenthal, P. R. (2021). "Video use in online and blended courses: A qualitative synthesis"
 AECT Division of Distance Learning Journal Article Award:
 1st Place Winner – Application Focused Article: Lowenthal, P. R., Lomellini, A., Smith, C., & Greear, K. (2021). "Accessible online learning: A critical analysis of online quality assurance frameworks"
 AECT Division of Distance Learning Journal Article Award:
 2nd Place Winner – Quantitative Focused Article: Lowenthal, P. R., Fiock, H. S., Shreaves, D., & Belt, E. (2022). "Investigating students' perceptions of screencasting style of video feedback in online courses"
- 2021** AECT Division of Distance Learning Journal Article Award:
 1st Place Winner – Qualitative Focused Article: Trespalacios, J., Snelson, C., Lowenthal, P. R., Uribe-Florez, L., & Perkins, R. (2021). "Community and connectedness in online higher education: A scoping review"
- 2020** AECT Division of Distance Learning Book Award:
 1st Place Winner – *Social Presence in Online Learning: Multiple Perspectives on Practice and Research* [I contributed two chapters in this edited book]
 ETR&D 2020 Editors Reviewer Excellence Award
 President's Community of Service Award, for role serving as a teaching assistant in *Introduction to Online Teaching* professional development workshop
 2020 Top 10 books on Online Learning (Lowenthal, P. R., & Dennen, V. P. (Eds.) (2020). *Social Presence and Identity in Online Learning*. New York: Routledge.) NORD - <https://teachonline.ca/tools-trends/2020-top-ten-books-online-learning>
- 2019** AERA Computer & Internet Applications in Education SIG, **finalist** for best paper award:
 Veletsianos, G., Kimmons, R., Larsen, R., Dousay, T., & Lowenthal, P. (2018). "Public comment sentiment on educational videos: Understanding the effects of presenter gender, video format, threading, and moderation on YouTube TED talks"
- 2018** AECT Division of Culture, Learning, & Technology Outstanding Publication Award:
 Veletsianos, G., Kimmons, R., Larsen, R., Dousay, T., & Lowenthal, P. (2018). "Public comment sentiment on educational videos: Understanding the effects of presenter gender, video format,

threading, and moderation on YouTube TED talks"

SITE 2018 – Outstanding Paper Award for Math Education:

Cavey, L. O., Totorica, T., Carney, M., Lowenthal, P., Libberton, J. (2018, March). "Video case analysis of students' mathematical thinking: initial development process"

- 2017** AECT Division of Distance Learning Journal Article Award:
1st Place Winner – Qualitative Focused Article: Lowenthal & Snelson (2017), "In search of a better understanding of social presence: An investigation into how researchers define social presence"
- AECT Division of Distance Learning Journal Article Award:
2nd Place Winner – Application Focused Article: Chen, Lowenthal, Heaps, & Bauer (2017), "Moving beyond smile sheets: A case study on the evaluation and iterative improvement of an online faculty development program"
- 2016** AECT Division of Distance Learning Journal Article Award:
1st Place Winner – Qualitative Focused Article: Lowenthal & Hodges (2015), "In search of quality: Using Quality Matters to analyze the quality of massive, open, online courses (MOOCs)"
- AECT Division of Distance Learning Journal Article Award :
1st Place Winner – Application Focused Article: Chen, Lowenthal, & Bauer (2016), "Effectiveness and student perception of three high-enrollment health studies online courses"
- AECT Division of Distance Learning Burmeister Award:
Outstanding DDL-sponsored AECT Presentation Award: Dunlap & Lowenthal, "Instructionally-sound strategies for faculty workload reduction in online courses: getting some shuteye revisited"
- National University Technology Network (NUTN) Research & Scholarship Award:
Finalist: Lowenthal & Hodges (2015), "In search of quality: Using Quality Matters to analyze the quality of massive, open, online courses (MOOCs)"
- 2015** AECT Division of Distance Learning Journal Article Award:
3rd Place Winner – Quantitative Focused Article: Lowenthal & Dunlap (2014), "Problems measuring social presence in a Community of Inquiry"
- National University Technology Network (NUTN) Research & Scholarship Award: Lowenthal, Bauer, & Chen (2015), "Student Perceptions of Online Learning: An Analysis of Online Course Evaluations"
- Distance Teaching & Learning Conference, Shauna Schullo Best Distance Teaching Practice Award: Lowenthal, "If you record it, will they watch it? And will it matter? Exploring student perceptions of online video"
- 2014** AECT Division of Distance Learning Best Practice Award
2nd Place Winner: Lowenthal, "Video used to improve social presence, student engagement, and student learning"
- AECT Division of Distance Learning Best Book Award
2nd Place Winner: Lowenthal, York, & Richardson (2014), *Online Learning: Common Misconceptions, Benefits and Challenges*
- AECT Division of Distance Learning Journal Article Award:
1st Place Winner - Application Focused Article: Dunlap & Lowenthal (2013), "What was your best learning experience? Our story about using stories to solve instructional problems"
- Center for Teaching and Learning Travel Award, Boise State University (\$1,000)
- 2013** AECT Division of Distance Learning Burmeister Award
Outstanding DDL-sponsored AECT Presentation Award: Dunlap & Lowenthal, "Lessons from the field: An analysis of online instructors' lessons learned about teaching online"

- 2012** National Science Foundation (NSF) Early Career Symposium Award, at the Association of Educational Communication and Technology, AECT, annual convention (\$700)
- Outstanding Graduate Award, University of Colorado Denver
- 2011** Teaching Professor Conference, Outstanding Work on Teaching and Learning Award
Finalist: Dunlap & Lowenthal (2009), "Tweeting the night away: Using Twitter to enhance social presence"
- 2009** Pearson eCollege, Excellence in Online Administration Award, The Faculty Support Team, University of Colorado Denver
- 2008** Award of Excellence, Regis University