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# Derek Thurber

## PROFESSIONAL PROFILE

Innovative educational developer, teacher, and researcher with 10+ years of experience in higher education. Experience designing and teaching undergraduate and graduate courses, conducting practitioner-focused research, and editing a peer-reviewed academic journal. Author of 4 publications on course design, faculty development, and curriculum. Contributed to 10 national conferences through presentations on curriculum, educational development, and scholarship of teaching & learning (SoTL).

**Research Interests:** Curriculum Coherence • Knowledge, Power & Agency in Curriculum • Faculty Development • Communities of Practice • Assessment & Evaluation • Community of Inquiry • UX/LX Design • SoTL

## EDUCATION

### EdD, Educational Leadership & Innovation                                                      May 2023

Arizona State University • Phoenix, AZ

**Dissertation:** "Balancing Fidelity and Agency in Higher Education Curriculum: Improving Implementation of a Large-Scale Program Redesign"

### MS, Higher Education Administration & Policy                                                    Dec. 2015

Northwestern University • Evanston, IL

**Thesis:** "Next Time Won't you Play with Me: Scalability of Simulation-Based Learning at Northwestern University Feinberg School of Medicine"

### BA, History                                                                                    May 2011

Whitman College • Walla Walla, WA

## PROFESSIONAL EMPLOYMENT

### Arizona State University

#### Principal Teaching + Learning Specialist                                          June 2023 - Current

Led strategic visioning and execution of a comprehensive professional development plan for the Mary Lou Fulton Teachers College to improve the quality of teaching and learning aligned with the college's mission and objectives. Supervised and mentored junior staff members.

#### Senior Learning Designer                                                      April 2019 - June 2023

Led curriculum mapping and review efforts to improve program curriculum coherence and quality in the Mary Lou Fulton Teachers College. Facilitated multiple, simultaneous, large-scale program (re)design efforts for undergraduate and graduate degree programs. Developed a comprehensive "curriculum hub" to standardize, store, and visualize 30,000+ rows of curriculum data used to improve scaffolding of measurable outcomes, align curricula to standards for accreditation processes, and plan cross-institutional assessment strategies.

### Instructional Designer                                    July 2018 - April 2019

Led course design, development, implementation, and regular evaluation for 40+ online courses every semester in the Mary Lou Fulton Teachers College. Established an innovative database to catalog over 20,000 course components to improve data-driven decision making around course administration, design, and deployment.

## Northwestern University

### Instructional Design & Technology Consultant              Dec. 2015 - July 2018

Designed and evaluated 12 blended-format graduate courses to launch a new graduate certificate in higher education administration. Developed an online matching algorithm and custom web application to place students with 500+ internships and informational interviews annually.

### Instructional Technology Specialist                       Sept. 2014 - Dec. 2015

Migrated 22 graduate courses from Blackboard to Canvas LMS for the School of Education. Created and implemented a state-of-the-art virtual orientation for all new higher education administration and policy students.

## Riverland Community College

### Tutoring Center Coordinator (AmeriCorps VISTA)            Aug. 2013 - Aug. 2014

Collaboratively developed, designed, and delivered 40+ hours of online and in-person tutor training. Featured as one of 12 exemplary projects in an AmeriCorps report to the U.S. Congress.

## PUBLICATIONS

## Refereed Journal Articles

Speer, J., Conley, Q., **Thurber, D.**, Williams, B., Wasden, M., & Jackson, B. (2022). A mixed-methods study of the effectiveness and perceptions of a course design institute for health science educators. *BMC Medical Education, 22*(1), 1-15. https://doi.org/10.1186/s12909-022-03910-w

**Thurber, D.** (2021). Designing learning experiences for the future of learning in the digital age: A proposed framework. *Current Issues in Education*, 22(1).

**Thurber, D.** & Trautvetter, L. (2020). Examining student reported interaction and satisfaction in higher education administration graduate seminar-style blended courses. *Online Learning*, *24*(3), 184-202. https://doi.org/10.24059/olj.v24i3.2102

## Book Reviews

**Thurber, D.** (2022). Rachel Gabel, The hidden curriculum: First generation students at legacy universities. *Higher Education*, *85*, 241-243. https://doi.org/10.1007/s10734-022-00845-5

## Manuscripts under Review in Refereed Journals

**Thurber D.** & Bossen, K. (2023). Curriculum review in higher education: The educational developer's role in facilitating faculty communities of practice to improve coherence. *Manuscript submitted for review.*

## Working Papers

Thurber D. (In Preparation). A critical examination of faculty perceptions of agency in a professional degree program. *Manuscript in preparation.*

Lujano Vilchis, I., **Thurber, D.**, & Romkey, M. (in preparation). Experience and impact of editing a student-run journal on academic identity: An autoethnographic study. *Manuscript in preparation.*

**Thurber D.** (in preparation). Using course "fact sheets" to improve fidelity and agency in higher education curriculum. *Manuscript in preparation.*

Mak, J. & **Thurber D.** (in preparation). Developing competency in technology integration in Morocco: An international case study in professional development. *Manuscript in preparation.*

**Thurber D.**, Firetto, C., McCain, M., & Ludlow, C. (in preparation). Assessing student learning across a program using progression indicators: A tool for continuous improvement. *Manuscript in preparation.*

## AWARDS & HONORS

**ASU** | Professor of Impact Award                                                                     2023
**ASU** | SUNAwards                                               2018, 2019, 2020, 2021, 2022
**Corporation for National and Community Service** | Exemplary AmeriCorps VISTA Project        2014

## CONFERENCE PRESENTATIONS

Speer, J., Conley, Q., Williams, B., **Thurber, D.**, & Wasden, M. (2022). "Teaching Essential Course Design Skills: Investigation of a Professional Development Opportunity for Health Science Educators." AECT Annual Conference, Las Vegas, NV.

**Thurber, D.** & Bossen, K. (2021). "The learning college: Continuous improvement through a curriculum review process." Professional and Organizational Development (POD) Network Annual Conference, Virtual.

**Thurber, D.** & Miller, A. (2021). "Education beyond the classroom: Designing nanocourses for home and community educators." Distance Teaching and Learning (DT&L) Annual Conference, Virtual.

Miller, A. & **Thurber, D**.(2020). "How can we use data to inform design and deployment of online courses?" Distance Teaching and Learning (DT&L) Annual Conference, Virtual.

**Thurber, D.** & Miller, A. (2019). "Using a cross-staff design approach to navigate change." EDUCAUSE Annual Conference, Chicago, IL.

**Thurber, D.** & Trautvetter, L. (2018). "Interaction and satisfaction in graduate, seminar-style blended format courses." Association for the Study of Higher Education (ASHE) Annual Conference, Tampa Bay, FL.

**Thurber, D**. (2017). "Designing seminar-style courses for a blended format: Emphasizing interpersonal connection and dialogue." Online Learning Consortium (OLC) Innovate Conference, New Orleans, LA.

**Thurber, D.** & Dyar, A. (2017). "Emphasizing Interpersonal Engagement in Seminar-Style Blended Courses." TEACHx Northwestern, Evanston, IL.

Thurber, D. (2015). "Scalability of Simulation Based Medical Education at Feinberg." AERA Tech-ED Conference, Pullman, WA.

## GRANTS & FELLOWSHIPS

United States Agency for International Development (USAID) Grant: "Technology Strategy for the Higher Education Partnership-Morocco," 2022 - 2023 | Role: Project Team Member

## TEACHING EXPERIENCE

### Arizona State University

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|---|---|
| TEL 711: Strategies for Inquiry [Hybrid] | 2023 |
| EDU 301: Why Education? [Online] | 2021, 2022, 2023 |
| LSE 305: Conceptualizing Learning [Online] | 2021, 2022, 2023 |

### Northwestern University

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|---|---|
| MS_HE 406: Research and Development I [In Person] | 2016, 2017 |
| MS_HE 407: Research and Development II [In Person] | 2017, 2018 |
| MS_HE 408: Research and Development III [In Person] | 2017, 2018 |

## ADDITIONAL ACTIVITIES

### Editorial

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| Editor, Special Issue on Student-Led Journals, *Current Issues in Education* (*CIE*) | 2023 |
| Managing Editor, *Current Issues in Education* (*CIE*; ISSN 1099-839X) | 2022 - 2023 |
| Reviewer, *Trends in Higher Education* | 2023 - Current |
| Reviewer, *To Improve the Academy* | 2022 - Current |
| Reviewer, *Current Issues in Education* | 2020 - Current |

### National

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|---|---|
| Reviewer, POD Network Annual Conference | 2023 |
| Reviewer, EDUCAUSE Education Learning Initiative (ELI) Annual Conference | 2021 |
| Reviewer, Online Learning Consortium (OLC) Innovate Conference | 2020, 2021 |

### Institutional

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| Executive Member, Leadership & Innovation Student Advisory Council, Mary Lou Fulton Teachers College | 2022 - 2023 |
| Member, Airtable Implementation Ad Hoc Committee, Mary Lou Fulton Teachers College | 2020 - 2022 |
| Member, Program Redesign Ad Hoc Committee, Division of Teacher Preparation, Mary Lou Fulton Teachers College | 2019 - 2020 |

### Professional Development

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| Emerging Supervisors Pathway [Equivalent to 1-year of Supervisory Experience], ASU | 2023 |

Associate Certification, Center for the Integration of Research, Teaching and Learning (CIRTL)     2023

Blended Learning Design within a Community of Inquiry Framework, EDUCAUSE     2016

## Non-Academic Work

Paralegal & Office Manager, The Spiva Law Firm PLLC     2012 - 2013

## SKILLS

**Foreign Languages:** Can read Spanish with a dictionary

**Ed Tech & Design Software:** Canvas • Adobe CC • Yellowdig • Flip • Perusall • VoiceThread • Playposit

**Data & Research Tools:** Airtable • Tableau • SPSS • R • Atlas.ti • Qualtrics

**Web Design & Programming Languages:** HTML5 & CSS3 • Javascript • VueJS • Github

## PROFESSIONAL MEMBERSHIPS

American Educational Research Association (AERA)

Association for the Study of Higher Education (ASHE)

International Society for the Scholarship of Teaching and Learning (iSSoTL)

Professional and Organizational Development (POD) Network