

Kathleen Phelps Morgan

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PROFESSIONAL EXPERIENCE

Sabbatical, Colorado Springs, CO

Nov 2023 – Present

- Researching and co-authoring a science/memoir book - achieved goal of 80K words, 2nd draft complete
- Completed edX Verified Certificate for Introduction to Family Engagement in Education (Nov 2023)

FIRST, Manchester, NH (Fully remote Feb 2017 – Oct 2023)

Project Manager, FIRST LEGO League

Feb 2019 – Oct 2023

- Led implementation of multiple grants from the LEGO Foundation; managed project timelines and budgets
 - ~ 3-year, \$1M LEGO Foundation grant (2019-2021) – launched *FIRST* LEGO League “Discover” division for ages 4-6, pre-K – 1st grade
 - ~ 1-year, \$600K LEGO Foundation grant (2021-2022)
 - ~ 3.5-year, \$5.3M LEGO Foundation grant (July 2022 – Dec 2025) – over 60k underserved and underrepresented students in 10 countries in 2022-2023
- Recruited, selected, and supported up to 40 schools, districts, and organizations for grants in US/CAN each year
 - ~ Developed process for awarding registration grants and distributing products to sites
 - ~ Built relationships with each organization receiving the grant through regular check-ins and online meetings
 - ~ Ensured teachers at each organization had the opportunity to attend *FIRST* Professional Development
- Collaborated with the LEGO Foundation distribute product and funds
- Supported evaluation studies of grant impacts with [external evaluators](#)
- Contributed to creation of the [FIRST LEGO League Family Engagement initiative](#)
- Created teacher support materials for 2021 *FIRST* LEGO League season (slides for 10-12 sessions and resource links for each of 3 divisions)
- Authored [12-session FIRST @ Home learning series](#) for Pre-K-1st grade

Partner Services Manager, FIRST LEGO League and FIRST LEGO League Jr.

May 2013 – Feb 2019

- Developed strong relationships with Partner organization representatives in 24 regions (northeast US and eastern Canada) to assist them in delivering the *FIRST* LEGO League and *FIRST* LEGO League Jr. programs
- Co-led judging for *FIRST* LEGO League globally
 - ~ Designed and implemented Judge & Judge Advisor Certification (over 3600 participants in 2017-2018)
 - ~ Identified needs and improved resources to support volunteer Judge Advisors and Judges worldwide
 - ~ Supervised judging at World Festival (up to 110 teams from across the world; 2 events in 2017 & 2018)
- Co-managed strategy/process for content development & scheduling of 100+ sessions at conferences (2016-2018)
- Initiated and led a committee from peer through directors to review and revise the organization’s Core Values

University of Nebraska – Lincoln, 4-H Youth Development, Lincoln, NE

Project Manager

Dec 2008 – May 2013

- Managed implementation of middle school informal education curriculum on robotics, GPS, and GIS technology
 - ~ 5 year, \$2,500,000 ITEST grant from the National Science Foundation to scale up from 150 youth in Nebraska to over 6000 youth nationwide / Increased from 6 camps in NE to over 70 camps led locally in 25 states
 - ~ Taught 2-day / 12-hour training sessions for adult volunteer and staff camp coordinators
 - ~ Assisted with development of 2-year camp/club curriculum with online modules, workbooks, and adult guides
- *FIRST*® LEGO® League Operational Partner
 - ~ Established program in Nebraska; Grew from 23 teams (2009) to 98 teams at 6 tournaments (2012)
 - ~ Developed partnerships with local businesses, museums, youth serving organizations, and school districts

EDUCATION

Master of Applied Science in Leadership Education

University of Nebraska – Lincoln, Lincoln, NE

Bachelor of Arts in Math and Physics

Colorado College, Colorado Springs, CO

PUBLICATIONS

- Morgan, K., Barker, B., Nugent, G., & Grandgenett, N. (2019). [Educational Robotics as a Tool for Youth Leadership Development and STEM Engagement](#). In A. Sahin & M. J. Mohr-Schroeder (Eds.), *STEM Education 2.0: Myths and Truths – What Has K-12 STEM Education Research Taught Us?* (pp. 248-275). Brill. https://doi.org/10.1163/9789004405400_014
- Morgan, Kathleen P., "Educational Robotics as Leadership Development for Youth" (2013). Theses, Dissertations, & Student Scholarship: Agricultural Leadership, Education & Communication Department. 96. <https://digitalcommons.unl.edu/aglecdiss/96>
- Adamchuk, V., Barker, B., Nugent, G., Grandgenett, N., Patent-Nygren, M., Lutz, C., Morgan, K. (2012). [Learning Geospatial Concepts as Part of a Non-Formal Education Robotics Experience](#). In B. Barker, G. Nugent, N. Grandgenett, & V. I. Adamchuk (Eds.), *Robots in K-12 Education: A new technology for learning* (pp. 284–300). IGI Global. 10.4018/978-1-4666-0182-6.ch014

SKILLS

Microsoft Office (Outlook, Word, PowerPoint, Excel, OneNote), Google Drive (Docs, Sheets, Slides, Forms), video conferencing (Microsoft Teams, Zoom, Google Meet, Ring Central), SharePoint, Smartsheet, Submittable, Survey Monkey