

Max C Anderson, Ph.D.

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SUMMARY

My passion is leading teams to develop high-quality learning experiences that improve learning outcomes through excellent instructional design and cutting-edge educational technology. I find satisfaction collaborating with faculty, staff, and students to expand access and improve educational outcomes by integrating inclusive, equitable, and accessible design practices that value all learners.

EDUCATION

Ph.D. Instructional Technology, Northern Illinois University

M.S., Learning Technologies, University of North Texas

M.L.I.S., Library and Information Studies, Florida State University

EMPLOYMENT

Director, Curriculum Operations	2024-present
University of Miami, Miller School of Medicine	Miami, FL

My responsibilities for this role encompass a spectrum of tasks, ranging from the coordination and attendance of pivotal curriculum meetings to ensuring the precision of student records and the timely submission of evaluations and grades. I am highly engaged in budget management, curriculum innovation, affiliation agreements, and regulatory compliance with federal and state agencies. My role includes oversight of daily educational operations, including space allocation, course scheduling coordination, and supervision of course and clerkship staff.

Responsibilities:

- Manage and lead a team of 9 FTE staff, including program managers, senior program coordinators, LMS service manager, and the director of the simulated patient program.
- Developed and lead a change management process for annual updates to the curriculum map and courses.
- Lead a comprehensive LMS review project to investigate potential solutions to replace existing products.
- Collaborate with vendors to maintain long-term relationships and drive product improvements.
- Develop, implement, and monitor \$1.3 million budget for curricular activities; forecast annual financial activities.
- Oversee the grade appeal process for ~800 students.

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- Update the academic bulletin annually.
- Develop and facilitate workshops for faculty and staff on technologies supported by the university.
- Develop a perpetual 5-year projected academic calendar.
- Lead ~20 projects annually employing established project management principles to drive positive change and foster growth.
- Remain informed on current instructional design and educational technology theories and trends.
- Serve on multiple committees at the school and university levels.
- Collaborate with units and departments in the school of medicine and at the university level.

Outcomes:

- Maintaining fiscal spending to FY25 established budget.
- Investigated attendance tool software options to replace iClicker. Qwickly is a product already in use by UM and is an LTI connected to Blackboard. I worked with our Phase 1 Manager to test it to determine if it is more satisfactory than iClicker and then wrote documentation on how to use it.
- Developed a strategic project plan to keep track of change requests to courses (mainly course and session objectives) with specific timelines. I presented the process to all relevant stakeholders.
- Reorganized and consolidated multiple SharePoint sites to a central one for curriculum administration. I created custom permissions for folders that house sensitive student data and monitor access regularly.
- Created process documentation (written and schematic) for the life span of grades and narrative assessment from completion by faculty to how it is published by the registrar in CaneLink, our student information system (SIS).
- Tested and implemented Respondus LockDown browser for our low-to-mid stakes clinical assessments; I created documentation on usage for appropriate audiences (students, staff, etc.).
- Organized a successful school of medicine curriculum retreat in May 2024 attended by over 70 faculty and staff.
- Presented our change management process and curriculum map at an international conference.

Director of Instructional Design and Learning Innovation

2018-2024

Instructional Designer

2013-2018

Assistant Professor

2024-present

University of Illinois College of Medicine

Chicago, IL

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As the University of Illinois College of Medicine's (UICOM) inaugural instructional designer and director of instructional design and learning innovation, I built collaborative relationships with faculty to design, deliver, and evaluate curricular content across three campuses, and more broadly at the university level. A significant part of this involved determining the most appropriate student-centered instructional design to apply to a situation based on evidence-based principles.

Responsibilities:

- Responsible for the direction of all instructional design, planning, and production projects for ~1200 students and ~300 faculty across three campuses in the state of Illinois (Chicago, Peoria, Rockford).
- Administrator for co-curricular resources used by students and faculty (e.g., Articulate, Osmosis, Poll Everywhere, UWorld, etc.).
- Analyzed performance data for more than ~1200 students and ~300 faculty from educational technology systems (e.g., Echo360, Blackboard, Osmosis, Articulate, Poll Everywhere); created and monitored benchmarks of data for continuous quality improvement.
- Administered the learning management system (LMS) for the college of medicine in partnership with Learning Technology Solutions (LTS).
- Served on a university-wide committee to monitor LMS usage, recommended solutions to problems, and made suggestions for enhancements.
- Maintained awareness of emerging trends in educational technology, including advancements in AI-driven learning platforms and virtual/augmented reality applications, to inform instructional design strategies and explore potential integration opportunities.
- Partnered with the business office to develop, implement, and monitor budget for curricular activities.
- Built partnerships and collaborations with university stakeholders to promote instructional design principles for the design and delivery of curricular content.
- Engaged in, and in some cases led more than 20 committees at the college and university levels.
- Oversaw the development, delivery, and maintenance of 50+ courses to adhere to requirements from accreditation agencies.
- Delivered ~25 workshops and 1:1 instruction annually to faculty, students, and staff on industry-relevant topics such as multimedia design, video production, content delivery; diversity, equity, inclusion; accessibility, and emerging technologies (e.g., AI, virtual / augmented reality).
- Collaborated with health sciences library faculty on various projects that impacted the college of medicine.

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- Developed and managed a faculty and staff information and upskilling website:
<http://comfaculty.uic.edu>.

Outcomes:

- Developed a strategic plan to replace existing a co-curricular resource including discovery and pilot testing of solutions; stakeholder involvement in the project was crucial to success. The outcome of the project was to replace Osmosis with ScholarRx.
- Envisioned and implemented a virtual community of instructional designers in medical education at the national level.
- Motivated faculty to incorporate interactivity in pre-work course recordings via our lecture capture system, Echo360. Up until 2000, there were no interactive elements in recordings. In 2023, every first- and second-year courses had at least one video in each week of instruction that included at least one interactive element to promote retention of information.
- In partnership with key faculty, developed and taught a course on artificial intelligence in medicine and published scholarly work based on our experience.
- Served on a strategic planning committee to optimize technologies and workflows for the college of medicine.
- In 2023, a university webhost site which hosted neurology modules was scheduled to be decommissioned. I worked with our information resources team to find a new web-based home powered by Azure.

Assistant Library Director for Educational Technology

2012-2013

Rush University Medical Center

Chicago, IL

Responsibilities:

- Oversaw the purchase, implementation, and support of educational technology (e.g., Panopto, Respondus, and ExamSoft) for use by all colleges.
- Analyzed usage data and feedback of educational technology to determine trends and to inform continuation of contracts.
- Served on multiple university-level committees and advisory boards.
- Managed nine full-time employees, including instructional designers, support specialists and lab managers.

Outcomes:

- Trained 250+ faculty from all four colleges (Nursing, Medicine, Graduate School, Health Sciences) to use educational technologies to improve teaching and learning outcomes.

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- Managed \$1.5 million budget, finding sufficient savings to purchase two significant educational technology tools.

Technology Coordinator

2008-2012

National Network of Libraries of Medicine, Greater Midwest Region

Chicago, IL

Responsibilities:

- Served as technology coordinator for a 10-state region. This required establishing positive relationships and developing needs assessment for stakeholders.
- Created educational content (e.g., workshops, short courses) to deliver to members in the region and beyond.
- Implemented a technology-improvement award, reviewed competitive applications, and monitored awardee progress toward meeting goals and objectives.

Outcomes:

- Taught over 30 instructional sessions (face-to-face and via online software tools) for health science librarians and health practitioners annually.
- Resuscitated a defunct lending library, increased holdings, and circulation to member organizations.

Educational Services Librarian

2003-2008

SOLINET

Atlanta, GA

- Designed and implemented a comprehensive distance education program that increased the organization's online course offerings by 75% within 4 years.
- Developed workshops and taught hundreds of high-quality sessions through in-person instruction or by utilizing distance learning software.
- Provided ongoing training and support to staff to ensure the success of the program, including the use of new tools and methodologies for online instruction.
- Leveraged instructional design strategies and technologies to create engaging and interactive learning experiences.

Public Access Computer Trainer

2000-2003

Bill & Melinda Gates Foundation

Seattle, WA

- Taught hundreds of instructional sessions to library staff at rural public and tribal libraries across the United States.

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- Installed donated computers and network technology in rural public and tribal libraries.
- Recruited to partner with the Alaska State Library to install computers and train staff at remote public and tribal libraries.

ACADEMIC AND ADMINISTRATIVE SERVICE

University of Miami

- Executive Curriculum Committee (Lead), 2024-present
- LMS Review (Lead), 2024-present
- Curriculum Operations (Lead), 2024-present
- Phase 1 Curriculum Committee (Member), 2024-present
- Phase 2 Curriculum Committee (Member), 2024-present
- Phase 3 Curriculum Committee (Member), 2024-present
- Accommodations Review (Member), 2024-present
- Assessment Review (Member), 2024-present
- Elentra Advisory Council (Member), 2024-present
- Grade Appeals Committee (Lead), 2024-present
- Search Committee: Executive Director of the Office of Belonging and Inclusive Excellence (Member) 2024-present

University of Illinois Chicago

- Library Space Planning Committee (Member), 2009-2012
- Library Technology/Systems Committee (Member), 2009-2012
- Library Think Tank (Member), 2010-2011
- Learning Center Planning Committee (Member), 2013-2015
- Information Technology Governance Council (ITGC); Basic Principles for Teaching with Technology Subcommittee (Member), 2013-2024
- M1/M2 Curricular Subcommittee (Ex-officio member), 2013-2016
- University LMS Governance Board (Member), 2014-2024
- College of Medicine Educational Operations Committee (Member), 2015-2020
- Osmosis Implementation (Chair), 2015-2024
- Search Committees
 - Library Search and Screen Committee (Member), 2008-2009
 - Assistant Dean for Admissions and Recruitment (Member), 2020
 - Library of the Health Sciences Medical College Liaison Librarian (Member), 2021

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- Associate Instructional Designer for the Center for the Advancement of Teaching and Learning (Member), 2022
- Executive Director, Center for the Advancement of Teaching Excellence (Member), 2023-2024
- Phase 1 Committee (Ex-officio member), 2016-2020
- Phase 1 Management Committee (member), 2020-2024
- Phase 2 / 3 Management Committee (member), 2020-2024
- Chicago Curriculum Management Committee (Member), 2016-2020
- Extended Campus Advisory Board (Member), 2017-2023
- Ten Principles for Enhancing Course Accessibility and Quality for All Students (Member), 2017-2018
- Launch Committee for the Center for Teaching Excellence (Member), 2020-2021
- Huron Consulting; Prince Mohammad Bin Fahd University, 2020-2024
- Senate Taskforce on the Future of Instruction at UIC (Member), 2021-2023
- Artificial Intelligence in Medical Education Task Force (Co-Chair), 2023-2024
- Technology Optimization Project for Educational Data (TOP-ED), (Steering Committee Member), 2023-2024
- Anatomy Education Task Force (Member), 2023-2024

Rush University

- Calendar Committee, Member, 2012-2013
- Room Scheduling Committee, Member, 2012-2013
- University and IS Advisory Council, Member, 2012-2013
- University Leadership, Member, 2012-2013
- University Device and Tablet Strategy Committee, Co-Chair, 2012-2013

PROFESSIONAL ORGANIZATION MEMBERSHIP AND SERVICE

- American Association of Colleges and Universities (AAC&U), 2018-present
- Association of American Medical Colleges (AAMC), 2013-present
 - Central Group on Educational Affairs (CGEA), 2013-2024
 - Group on Information Resources (GIR), 2013-present
 - Education Technology Work Group (Member), 2014-present; (Co-Chair), 2023-2025
 - Instructional Design Community (Founding Member), 2016-present
 - Technology in Medical Education Special (TiME) Interest Group (Recorder), 2017-2018

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- 2021 Conference Planning Committee, 2020
- GIR Diversity and Inclusion Work Group (Member), 2022-present
- Curriculum Committee, 2022-present
 - Community Champions Subcommittee, 2023-present
 - Virtual Community – Community Champions, 2022-present
- American Library Association (ALA), 1998-2009; 2012-2013
 - Continuing Library Education Network and Exchange (Member), 2002-2008
 - Library and Information Technology Association (Member), 2004-2009; 2012-2013
- American Educational Research Association (AERA; Member) 2017-2020
- Association for Educational Communications & Technology (AECT; Member), 2016-2023
 - Design and Development (Member), 2016-2023
 - Emerging Learning Technologies (Member), 2016-2023
 - Systems Thinking & Change (Member), 2016-2023
 - Systems Thinking & Change (Division Board Member), 2021-2023
 - Education in the Health Professions Special Interest Group (Founding Member), 2019-2023
- Bill & Melinda Gates Foundation (Alumni Ambassador), 2016-present
- Center for the Integration of Research, Teaching and Learning (CIRTL; Institutional Membership), 2021-2024
- EDUCAUSE (Institutional), 2008-present
- Health Science Librarians of Illinois (Member), 2008-2013
- Indiana Health Science Library Association (Member), 2008-2013
- Kappa Delta Pi (Member), 2018-2020
- The Learning Guild (Member), 2022-present
- Medical Library Association (MLA), 2008-2014
 - National Program Committee (Member), 2010-2014
 - Relevant Issues Section (Chair-Elect), 2010-2011
 - Relevant Issues Section (Chair), 2011-2012
 - Relevant Issues Section (Immediate Past Chair), 2012-2013
 - Educational Media and Technologies Section (Member), 2009-2014
 - Social Networking Software Task Force (Member), 2009-2010
 - Technology Advisory Committee (Member), 2010-2011
 - Videography Coordinator for Medical Library Association Annual Meetings, 2010-2011
 - Conference Community (Member), 2009-2014

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- Public Health/Health Administration Libraries Section (Member), 2011-2013
- Medical Informatics Section (Member), 2011-2014
- Nominating Committee (Member), 2011-2013
- Midwest Chapter of Medical Library Association, 2008-2014
 - Facilities Committee (Member), 2008-2009
 - Annual Meeting Planning Committee (Member), 2009-2013
 - Nominating Committee (Member), 2011-2012
- National Network of Libraries of Medicine, Southeast Atlantic Region, Regional Advisory Committee (Member), 2006-2008
- Project Management Institute (Member), 2022-2024
 - PMI South Florida Chapter (Member), 2022-2024
- Wisconsin Health Science Library Association (Member), 2008-2012
 - Planning Committee (Member), 2009-2010
 - Program Committee (Member), 2011-2012

OTHER ACADEMIC SERVICE

- Florida State University (FSU)
 - ProfessioNole Mentors Program, 2019-present
- Journal of Applied Instructional Design (JAID)
 - Editorial Board (assistant editor), 2019-2021
- International Journal of Innovative Teaching and Learning in Higher Education
 - Editorial Board (associate editor), 2019-2021
- BMJ Online
 - Manuscript Reviewer, 2019-2024
- Medical Education Online
 - Manuscript Reviewer, 2017-2024

PEER REVIEWED PUBLICATIONS

Levingston, H., **Anderson, M. C.**, Roni, M. A. (2024). From theory to practice: Artificial intelligence (AI) literacy course for first-year medical students. *Cureus*, 16(10), e70706. DOI: 10.7759/cureus.70706

Anderson, M. C., York, C. S., Hodge-Zickerman, A., Park, Y-S., & Rhode, J. (2024). Empowering medical educators: A UTAUT analysis of technology adoption in inquiry-based learning. *Technology, Knowledge and Learning*. DOI: 10.1007/s10758-023-09709-y

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Krive, J., Isola, M., Chang, L., Patel, T., **Anderson, M.**, & Sreedhar, R. (2023). Grounded in reality: Artificial intelligence in medical education. *Journal of the American Medical Informatics Association*, 6(2). DOI: 10.1093/jamiaopen/ooad037

Anderson, M. C., Love, L. M., & Hagggar, F. L. (2019). Looking beyond the physician educator: The evolving roles of instructional designers in medical education. *Medical Science Educator*. DOI: 10.1007/s40670-019-00720-6

Kelley, K. W., Fowlin, J. M., Tawfik, A. A., & **Anderson, M. C.** (2019). The role of using formative assessments in problem-based learning: A health sciences education perspective. *Interdisciplinary Journal of Problem-Based Learning*. 13(2). DOI: 10.7771/1541-5015.1814

Tawfik, A. A., Fowlin, J., Kelley, K., **Anderson, M.**, & Vann, S. W. (2019). Supporting case-based reasoning in pharmacy through case sequencing. *Journal of Formative Design in Learning*.

Love, L., Hagggar, F., & **Anderson, M. C.** (2019). Strategically integrating instructional designers in medical education. *Academic Medicine*, 94(1), 146. DOI: 10.1097/ACM.0000000000002475

Anderson, M. (2013). Electronic resources in medical libraries. In L. Bell & T. Peters (eds.), *The handheld library: Mobile technologies and libraries*. Santa Barbara, CA: Libraries Unlimited.

Anderson, M. (2009). The medium is the messenger: Using podcasting to deliver consumer health information. *Journal of Consumer Health on the Internet*, 13(2), 119-128.

Howard, L., & **Anderson, M.** (2007). RFID technology in the library environment. *Georgia Library Quarterly*, 44(1), 17-20.

Howard, L., & **Anderson, M.** (2006). RFID technology in the library environment. *Journal of Access Services*, 3(2), 29-39.

EDITORIAL ADVISORY BOARD PUBLICATIONS

Tamim, S. R. (2022). *Instructional design exemplars in eHealth and mHealth education interventions*. Hershey, PA: IGI Global. DOI: 10.4018/978-1-7998-9490-2.

OTHER PUBLICATIONS

Anderson, M. C., Calzada, J. A., Cole, A., Hain, A., Lander, L., & Youm, J. (2021). Tablet use in UME pre-clinical and clinical settings. Washington, D.C.: Association of American Medical Colleges.

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Cooper, S. L., Hain, A., **Anderson, M.**, Kurzweil, D., Mayall, H. J., Tentler, A., Wang, L., & Oh, S-Y. (2019). Instructional design and e-learning survey report. Washington, D.C.: Association of American Medical Colleges.

PEER REVIEWED PRESENTATIONS & PROCEEDINGS

Anderson, M. C. & Merced, E. E. (2025, Feb 4-5). *Curriculum mapping and accreditation journey to success*. Emerging Technologies for Teaching and Learning Digital Demonstrations Virtual Conference. AAMC. Online.

Hodge-Zickerman, A., York, C., & **Anderson, M. C.** (2023, Oct 15-19). *Peer feedback in maker learning contexts and LED: A mathematically derived perspective of inquiry-based learning usable for all subject areas* [Concurrent Session]. AECT. Orlando, FL.

Jordan, B. E., Anderson, M., Davis, M., Hirumi, A., DeVries, D., & **Anderson, M. C.** (2023, Oct 15-19). *Simulations and the use of advanced learning technologies to facilitate health professions education* [Panel Discussion]. AECT, Orlando, FL.

Summers, T., **Anderson, M. C.**, & Terry, C. (2023, May 31-June 3). *Sameness is not fairness: Ensuring IDEA for all in medical education* [Presentation]. Information Technology in Academic Medical Education. Denver, CO.

Zheng, J., **Anderson, M. C.**, & Meza, A. (2023, May 31-June 3). *Educational technology investment roadmaps and trends* [Presentation]. Information Technology in Academic Medical Education. Denver, CO.

Anderson, M. C. (2022, Oct 24-28). *Learning through Osmosis: Using video playlists to augment medical education* [Roundtable]. AECT. Las Vegas, NV.

Krive, J., Chang, L., Isola, M. L., Patel, T., Sreedhar, R., & **Anderson, M. C.** (2021, Oct 30 – Nov 3). *Medical curriculum elective to integrate clinical analytics and artificial intelligence in preparing physicians for the digitally enabled practice* [Presentation]. AMIA. San Diego, CA.

Oh, S-Y., **Anderson, M. C.**, Hain, A., Wang, L., Kurzweil, D. (2021, June 2-4). *We made it. Now what? Teaching technology during a pandemic and planning for the future* [Presentation]. Information Technology in Academic Medicine. Online.

Krive, J., Isola, M. L., Sreedhar, R., Chang, L. F., Patel, T. N., & **Anderson, M. C.** (2021, June 12-17). *A2IM - Artificial and Augmented Intelligence in Medicine* [Presentation]. IAMSE, Online.

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Oh, S-Y., Kurzweil, D., Hain, A., Cooper, S., Mayall, H., Wang, L., **Anderson, M. C.**, & Tentler, A. (2020, December 1). *Engage, educate, and assess: Everyday instructional design practices in medical schools* [Presentation]. AAMC Group on Information Resources, Online.

Cooper, S., **Anderson, M. C.**, Kurzweil, D., & Mayall, H. (2020, November 3-7). *Using technology to deliver inquiry-based learning in medical education* [Concurrent Presentation]. Association for Educational Communications and Technology, Online.

Hirumi, A., Gronseth, S. L., Daroowalla, F., **Anderson, M. C.**, Lin, A., Jordan, B. E., Wantuch, G., Breitenbach, E., & Kurzweil, D. (2020, November 3-7). *Transdisciplinary collaboration: Overcoming challenges in culture and communication to facilitate health professions education* [Panel]. Association for Educational Communications and Technology, Online.

Anderson, M. C., York, C. S., Park, Y-S., & Rhode, J. (2020, November 3-7). *Assessing faculty behavioral intention to use educational technology in inquiry-based learning activities* [Concurrent Presentation]. Association for Educational Communications and Technology, Online.

Anderson, M. C., Kurzweil, D., Marcellas, K., Jordan, B. E., & Cooper, S. (2020, November 3-7). *Using games to enhance learning in health professions* [Presentation]. Association for Educational Communications and Technology, Online.

Oh, S-Y., Kurzweil, D., Hain, A., Cooper, S., Mayall, H., Wang, L., **Anderson, M. C.**, & Tentler, A. (2020, June 1-3). *Engage, educate, and assess: Everyday instructional design practices in medical schools* [Presentation]. AAMC Group on Information Resources, New York, NY. *Canceled due to Coronavirus Pandemic.*

Cooper, S., Mayall, H., Want, L., & **Anderson, M. C.** (2020, June 1-3). *If you build it, will they learn? New ways of thinking about case-based learning for online learning* [Presentation]. AAMC Group on Information Resources, New York, NY. *Canceled due to Coronavirus Pandemic.*

Allison, L. R., Love, L., & **Anderson, M. C.** (2020, April 1-3). *"It's tool time!" A new instructional design tool for curriculum mapping* [Workshop]. AAMC Central Group on Educational Affairs, Rapid City, SD. *Canceled due to Coronavirus Pandemic.*

Clements-Jewery, H., & **Anderson, M. C.** (2020, March 15-17). *How and why TBL works: Educational theories and their application to TBL* [Workshop]. Team-based Learning Collaborative (TBLC), Portland, OR. *Canceled due to Coronavirus Pandemic.*

Budhrani, K., **Anderson, M. C.**, Richardson, V. M., & Jordan, B. (2019, October). *It's a win-win! Implementing gameshows as a course design approach to promote student engagement and competition* [Panel]. Association for Educational Communications and Technology, Las Vegas, NV.

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Tawfik, A. A., Fowlin, J., Kelley, K., **Anderson, M.**, & Vann, S. W. (2019, April). *Supporting case-based reasoning in pharmacy through case sequencing* [Paper]. Meeting of the American Educational Research Association, Toronto, Canada.

Hammersmith, L., **Anderson, M. C.**, & Fisher, J. (2018, June). *Technology-assisted flipped medical education: Faculty created learning modules* [Presentation]. AAMC Information Technology in Academic Medicine, Austin, TX.

Anderson, M. C. (2018, April). *Issues in interviewing* [Presentation]. Qualitative Inquiry Collaborative, De Kalb, IL.

Moore, P., Bowler, C., Billings, H., **Anderson, M. C.**, Hagggar, F. (2017 November 2-3). *Take your IDEA (instructional design & education activities) to the next level* [Presentation]. The Generalists in Medical Education, Boston, MA.

Love, L., **Anderson, M. C.**, & Hagggar, F. (2017, March 17). *We need an instructional designer! Six essential questions you should ask before, during, and after you hire* [Workshop]. AAMC Central Group on Educational Affairs, Chicago, IL.

Anderson, M. C. (2016, October). *The impact of instructional design on medical school curriculum* [Presentation]. SLATE, Naperville, IL.

Anderson, M. C. (2015, October). *Are you with me? Use of web-based student response tools* [Presentation]. TechTeach 2015: Building Your Own Student Success, Chicago, IL.

Anderson, M. C., & Blevins, A. (2015, July). *Making tutorials with Amy Blevins and Max Anderson* [Presentation]. Medical Library Association Educational Media and Technologies Section, Online.

Anderson, M. C., & Mann, J. (2014, October). *Flipping the college of medicine on its side* [Workshop]. TechTeach 2014: Engaging Learners at a New Level, Chicago, IL.

Whipple, B., & **Anderson, M. C.** (2013, May). *@beffuh and @maxlibris show you the ropes: Tweeting at professional conferences* [Presentation], Mobile Computing in Medical Education Conference, Indiana University School of Medicine, May 2013, Indianapolis, IN.

Anderson, M. C. (2012, October). *How educational technology can impact health sciences education* [Presentation]. IAECT (Illinois Association for Educational Communications & Technology), Chicago, IL.

PEER REVIEWED POSTERS

Patterson, B., **Anderson, M. C.**, & Wang, L. (2022, June 2-3). *New perspectives on asynchronous teaching with technology*. AAMC GIR, New York, NY.

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Anderson, M. C. (2020, June 1-3). *Using games to enhance learning in medical education*. AAMC GIR, New York, NY.

Cooper, S., Hain, A., Kurzweil, D., & **Anderson, M. C.** (2020, June 1-3). *Results from the AAMC GIR ID and e-learning survey: Where to begin with an ID workflow*. AAMC Group on Information Resources, New York, NY.

Anderson, M. C., & Hammersmith, L. (2020, April 1-3). *Are they watching? Three years of flipped education using video*. AAMC Central Group on Educational Affairs, Rapid City, SD.

Hammersmith, L., & **Anderson, M. C.** (2019, October 14-17). *Are they watching? Two years of a flipped health science curriculum*. EDUCAUSE, Chicago, IL.

Hammersmith, L., Berrocal, Y., Fisher, J., & **Anderson, M.** (2018, June 5-9). *A peer review model to support faculty-produced video micro-lectures in a flipped medical curriculum*. AAMC Information Technology in Academic Medicine, Austin, TX.

Anderson, M., Love, L., Yingling, S., & Hyderi, A. (2017, June 10-13). *The squeaky wheel gets the grease? Insights and impacts during resource-challenged curricular transformation*. 21st Annual International Association of Medical Science Educators, Burlington, VT.

Nance, A., **Anderson, M.**, Rudnicki, A., & Hilliard, M. (2017, May 9-12). *Instructional design in medical education*. AAMC Information Technology in Academic Medicine, Atlanta, GA.

Anderson, M. (2014, October). *Best practices for teaching with technology*. TechTeach, Chicago, IL.

Anderson, M., & Mann, J. (2014, April 23). *Flipping the college of medicine on its side*. UIC IT Professionals Forum, Chicago, IL.

INVITED PRESENTATIONS

Anderson, M. C., & Merced, E. E. (2024, September 18). Elentra Curriculum Mapping Implementation at University of Miami. [Panel]. Elentra Engage, Ottawa, ON, Canada.

Anderson, M. C., Chartier, K., & Cooper, S. (2023, July 21). *Consider an ID career in medical and healthcare* [Panel]. Association for Educational Communications and Technology, Graduate Student Assembly. Online.

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Gronseth, S., Jordan, B., E., Kurzweil, D., **Anderson, M. C.**, Arslan, O., Singh, O. (2021, November). *Launching your career as an instructional designer in health professions education* [Panel]. Association for Educational Communications and Technology, Online / Chicago, IL.

Anderson, M. C., Cooper, S., Hain, A., Kurzweil, D., Oh, S-Y., & Wang, L. (2020, December 1). *Engage, educate, and assess: Everyday instructional design practices in medical schools* [Presentation]. AAMC GIR Education Technology Workgroup. Online.

Anderson, M. C. (2017, May). *Unpacking online education* [Presentation]. UIC Extended Campus, Chicago, IL.

Anderson, M. C. (2014, September). *Delving into distance support: Instructional design, library role, and social media* [Presentation]. Medical Library Association, Educational Media and Technologies Section, Online.

Anderson, M. C. (2013, July). *There's an app for that: The use of mobile devices, apps and resources for health and sci-tech librarians and their users* [Panel]. American Library Association, Chicago, IL.

Anderson, M. C. (2009, November). *Cut the cord: Connecting to our mobile users* [Panel]. Medical Library Association Educational Webcast, Online.

Anderson, M. C. (2008, March). *Web 2.0 principles and best practices: Discovering the participatory web* [Presentation]. Medical Library Association Educational Webcast, Online.

OTHER PRESENTATIONS

- *Effective use of Osmosis for teaching and learning*, UIC College of Medicine, August 2016
- *Poll Everywhere as a tool for engagement*, UIC College of Medicine, July 2016
- *What is the (flipped) active learning classroom?* UIC College of Medicine, June 2016
- *Instructional design for medical librarians* [Online], Medical Library Association, December 2015
- *Starting an iPad program at a medical college: Including the library in the process*, University of Hawaii, School of Information (Online), June 2013
- *Teaching academy: What do I need to know? Online teaching tips from the METC*, Chicago, IL, April 2013
- *WebJunction: Your online community*, WebJunction [Interview], 2004; 2005

ACADEMIC TEACHING EXPERIENCE

Northern Illinois University

- ETT 561 – Human Resource Development, Spring 2021
- ETT 555 – Media Design: Multimedia, Spring 2021

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- ETT 555 – Media Design: Multimedia, Summer 2020
- ETT 553 – Ethics & Professional Standards in Instructional Technology, Spring 2020
- ETT 535 – Distance Education-Design and Delivery, Spring 2020
- ETT 310 – Instructional Design Models, Strategies, and Tactics, Fall 2019
- ETT 510 – Instructional Media and Technology, Fall 2019
- ETT 740 – Seminar: Educational Technology Foundations, Fall 2019
- ETT 510 – Instructional Media and Technology, Summer 2019
- ETT 511 - Advanced Instructional Media Design, Summer 2019
- ETT 229 – Computers in Education, Spring 2017-Spring 2019

Northeastern Illinois University

- HRD 406 – Instructional Design in Human Resource Development, Spring 2021, Spring 2022

SELECTED WORKSHOPS

- *Information Anywhere: Mobile Technology, Libraries and Health*, Quad Chapter of the Medical Library Association, Baltimore, MD, October 2012
- *Information Anywhere: Mobile Technology, Libraries and Health*, Midwest Chapter of the Medical Library Association, Rochester, MN, October 2012
- *Information Anywhere: Mobile Technology, Libraries and Health*, Traverse City & Detroit, MI, March 2012
- *Overview of Mobile Technology in Healthcare*, GMR Lake Effects Webinar, February 2012
- *Overview of Mobile Technology in Healthcare*, Gottlieb Hospital [Chicago, IL], January 2012
- *Geeks Bearing Gifts: Unwrapping New Technology Trends*, GaIN (Macon, GA), November 2011
- *Information Anywhere: Mobile Technology, Libraries and Health*, Ohio Health Science Library Association, October 2011
- *Information Anywhere: Mobile Technology, Libraries and Health* and *Screencasting: Creating Online Tutorials*, University of Kentucky, October 2011
- *Information Anywhere: Mobile Technology, Libraries and Health*, Health Science Libraries of Illinois, October 2011
- *Information Anywhere: Mobile Technology, Libraries and Health*, Midwest Chapter of the Medical Library Association, October 2011
- *Information Anywhere: Mobile Technology, Libraries and Health*, Southern Chapter of the Medical Library Association, October 2011
- *Information Anywhere: Mobile Technology, Libraries and Health*, Michigan Health Science Library Association, September 2011
- *Information Anywhere: Mobile Technology, Libraries and Health*, North Dakota Library Association, September 2011
- *Information Anywhere: Mobile Technology, Libraries and Health*, Kentucky Medical Library Association, September 2011
- *The Ropes: Planning Instruction for the Adult Learner*, Munson Community Health Library, June 2011

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- *Geeks Bearing Gifts: Unwrapping New Technology Trends*, Baltimore County Public Library, April 2011
- *Super Searcher*, University of Iowa, April 1, 2011
- *Video 101*, PKIDS (Parents of Kids with Infectious Diseases), Webinar, April 2011.
- *Geeks Bearing Gifts: Unwrapping New Technology Trends*, NEOUCOM, March 2011
- *Geeks Bearing Gifts: Unwrapping New Technology Trends*, Chicago and South Consortium, March 2011
- *That's a Wrap: Creating and Editing Video*, University of Illinois at Chicago, March 31, 2011
- *Super Searcher*, Michigan Health Science Library Association, October 2010
- *The Ropes: Planning Instruction for the Adult Learner*, Indiana University, October 2010
- *Can You Hear Me Now? How to Make a Podcast and Screencasting: Creating Online Tutorials*, Deaconess Hospital (Evansville, IN), September 2010
- *The Ropes: Planning Instruction for the Adult Learner*, Midwest Chapter of the Medical Library Association, September 2010
- *Can You Hear Me Now? How to Make a Podcast*, Health Literacy Summit (Wausau, WI), August 2010
- *Super Searcher*, Ivy Tech Community College (Indianapolis, IN), August 2010
- *The Ropes: Planning Instruction for the Adult Learner*, The Library of Virginia, July 2010
- *Screencasting: Creating Online Tutorials*, University of Illinois at Chicago – Rockford Campus, June 2010
- *Sharing Your Library with the World*, ASTHO (Association of State and Territorial Health Officials), July 2008.
- *Technology Forum – Podcasting, RSS and Folksonomies*, Medical Library Association – Mid-Atlantic Chapter, 2007.
- *Who, What, When, Where, Why, Wiki*, Society of Georgia Archivists, 2007.
- *Using Social Software to Share Your Library with the World*, Energize 2.0, Miami, 2007.
- *RFID in Libraries*, Special Libraries Association, 2006
- *Accidental Trainer*, Medical Library Association – Southern Chapter and Mid-Atlantic Chapter Joint Conference, 2006.
- *Is Your Library Ready for RFID, and is RFID Ready for You?* Technology Training To Go – NEFLIN, 2006.
- *RFID in Libraries*, NEFLIN, 2006.
- *Using Social Software to Share Your Library with the World*, Mississippi Library Association Annual Conference, 2006.
- *Open WorldCat: Share Your Library with the World*, Washington Library Association Annual Meeting, 2006.
- *Technology Forum - Podcasting*, Medical Library Association – Midwest Chapter Meeting, 2006.
- *Building the Online Community with WebJunction*, Computers in Libraries, 2005.
- *Distance Education at SOLINET*, Computers in Libraries, 2005.
- *OCLC Cataloging Options*, GA SOLINET Users Group Meeting, 2005.

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SELECTED CLASSES DEVELOPED OR REDESIGNED

- **Northeastern Illinois University:** HRD 406: Instructional Design in Human Resource Development
- **Northern Illinois University:** ETT 561: Human Resource Development; ETT 555: Media Design: Multimedia; ETT 553: Ethics & Professional Standards in Instructional Technology; ETT 535: Distance Education-Design and Delivery; ETT 310: Instructional Design Models, Strategies, and Tactics; ETT 510: Instructional Media and Technology; ETT 740: Seminar: Educational Technology Foundations; ETT 511: Advanced Instructional Media Design; ETT 229: Computers in Education, Spring 2017-Spring 2019
- **University of Illinois College of Medicine at Chicago:** Effective Use of Osmosis for Teaching and Learning; Poll Everywhere as a Tool for Engagement; What is the (Flipped) Active Learning Classroom? Creating Captivating Tutorials with Adobe Captivate, Creating Community and Facilitating Engagement Using Zoom
- **NN/LM GMR:** Can You Hear Me Now? How to Make a Podcast; Screencasting: Creating Online Tutorials; Super Searcher; Geeks Bearing Gifts; The Ropes: Planning Instruction for the Adult Learner; That's a Wrap: Creating and Editing Video; Information Anywhere: Mobile Technology, Libraries and Health
- **SOLINET:** Promoting Library Services Using Blogs and RSS; RFID for Libraries; RSS and Podcasting for Libraries; Web 2.0: Social Software Applications for Libraries; Web Design with CSS (basic and advanced); XHTML; Dreamweaver; Advocacy; Accidental Trainer; Training 24/7; Invisible Reference Desk; Xtreme Web Searching; Local Holdings Maintenance; Getting Started with the Connexion Client, Making the Connexion, and Offline Cataloging in the Connexion Client; Cataloging for Non-Catalogers; Connexion Searching and Copy Cataloging Skills; Advanced Connexion Client

FELLOWSHIPS & CERTIFICATIONS

- Project Management Professional (PMP; 2023 - In Progress)
- CITI Program: Group 1. HSP, Biomedical Research Investigators and Key Personnel (2022-2025)
- UIC Faculty Search Committee Training Certification (2021-2024)
- TechSmith Camtasia 2020 Explorer (2020-2022)
- TechSmith Camtasia 2020 Voyager (2020-2022)
- Apple Education Trainer (2016-2018)
- National Library of Medicine fellowship program in Biomedical Informatics I at the Marine Biological Library, Woods Hole, MA. (2011)

AWARDS, RECOGNITION & GRANTS

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- Measuring Medical Student Engagement in the Post-Pandemic Age of Autonomous Learning: Can Online Quizzes Predict Future Learning? Principle Investigator: Dr. Katherine Simeon; Co-investigators: Dr. Heather Heiman, Dr. Jeffrey Cheung, Dr. Max Anderson, Moriel Daniel. Amount: \$10,000.
- Teaching Artificial Intelligence to Medical Students, Dean's Award for Innovative Medical Student Education. Principle Investigator: Dr. Monzurul Roni, MPharm, PhD; Co-investigator: Dr. Max Anderson. Amount: \$26,000.
- Primary Care Training and Enhancement - Language and Disability Access; Department of Health and Human Services, Health Resources and Services Administration. Awarded September 11, 2023. Principal Investigator: Dr. Erin Hickey; Learning Consultant: Dr. Max Anderson. No: 1 T5CHP52052-01-00. Amount: \$400,904.00.
- Parents Taking Action: eHealth Adaptation and Pilot for Latinx, Black and Chinese Families of Young Children with Autism Spectrum Disorder; Department of Health and Human Services. Awarded August 3, 2022. Principal Investigator: Dr. Yue Xu, Co-Investigator: Dr. Max Anderson. No: 90IFST0008-01-00. Amount: \$199,167.00.
- Association of American Medical Colleges Community Champion (2022)
- UIC Academic Professional Advisory Committee Fall 2022 Professional Development Award. Amount: \$800
- Osmosis Raise the Line Faculty Award (nominated; 2020)
- Kappa Delta Pi – International Honor Society in Education (2018)
- University of Illinois at Chicago - Frank T Sparks Service to Students (2017)
- F. William Summers Award (1999)