Katherine Elizabeth Walden

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EDUCATION

Ph.D. (2019) University of Iowa, Iowa City, Iowa

American Studies, Sport Studies sub-track.

Dissertation: *Remapping and Visualizing Baseball Labor: A Digital Humanities Project*
    Co-directors: Thomas Oates, PhD; Lindsay Mattock, PhD

Comprehensive exam areas: American Studies Theories and Methods; Race and Ethnicity, Gender, and Sport in American Culture, 1945-Present; Politics and Technologies of Memory in American Mass Media

M.A. (2018) University of Iowa, Iowa City, Iowa

Library and Information Science.
Certificate in Public Digital Humanities

M.A. (2016) University of Iowa, Iowa City, Iowa

American Studies, Sport Studies sub-track.

SELECTED PROFESSIONAL EXPERIENCE

Department of American Studies, University of Notre Dame   Fall 2020-Present

Assistant Teaching Professor
Concurrent appointments in Gender Studies, Computer Science/Engineering
Affiliated Faculty: Notre Dame Technology Ethics Center (ND-TEC), Navari Family Center for Digital
        Scholarship, Lucy Family Institute for Data and Society

Center for Teaching, Grinnell College (Grinnell, Iowa)   May 2018-July 2020
Digital Liberal Arts Specialist

Iowa Women's Archives, University of Iowa (Iowa City, Iowa)   Fall 2017-Spring 2018
C. Pauline Spencer Fellow

SELECTED PEER-REVIEWED PUBLICATIONS

Walden, K. and Tom Oates. "Navigating Institutions and Fully Embracing the Interdisciplinary Humanities: American Studies and the Digital Dissertation." in *The Digital Dissertation: History, Theory, Practice.* Virginia Kuhn and Anke Finger, eds. (Open Book Publishers, 2021).

Walden, K. (2018). [Review of documentary *Jackie Robinson*, by Ken Burns]. *Journal of Sport History*, *54:1,* 87-89.

Walden, K. (2015). [Review of *Listen Up! The Official 2010 FIFA World Cup Album,* by Sony Music]. *New World of Music, 4:2*, 13-16.

SELECTED DIGITAL RESEARCH PROJECTS

Foundry Field: Baseball, Community & History in South Bend's Urban Core (Summer 2022-Present)
    Project co-lead specializing in public digital history and digital storytelling research efforts, methodologies, and curriculum.

Mapping Islamophobia: Visualizing Islamophobia and Its Effects (Fall 2018-Present) Project technical consultant and digital scholarship specialist. Collaborator on site design and data visualization. Worked with project team on data collection and processing, as well as mapping platform migration.

[**Digital Cartographies of Spanish Detective Fiction**](#) (Fall 2018-Summer 2020)
    Project technical consultant and digital scholarship and pedagogy specialist. Mentored student research assistant involved in building ArcGIS Online Web Maps and Web Applications. Worked with faculty project lead to identify possible curricular implementations for the ongoing project.

[**Mapping Absence in Shakespeare**](#) (Summer 2018-Summer 2020)
    Project co-lead. Digital scholarship specialist and technical consultant. Mentored student researcher to build a data structure and develop an ArcGIS Online Web Application. Collaborator on site design.

[**Women's World Cup Data**](#) (Fall 2018-Spring 2019)
    Project co-lead on collaboration between Grinnell's Data Analysis and Social Inquiry Lab and Sport Reference LLC. Digital scholarship specialist, sport data specialist, and women's sport history specialist. Mentored student researchers involved in collecting data related to the Women's World Cup. Developed documentation for data collection processes.

SELECTED DIGITAL CURRICULUM PROJECTS

Digital History at Grinnell College (course offered in [Fall 2018](#) and [Fall 2019](#))
    Technical consultant and digital scholarship and pedagogy specialist. Worked with course instructor (History) and other collaborators to build out instructional materials. Facilitated in-class instructional sessions and mentored student groups on final digital projects. Worked with instructor to develop public-facing course websites.

[**GitHub Tutorials**](#):
    Public-facing, reviewed tutorials on a range of digital humanities tools, applications, and methodologies. Technologies covered include textual analysis (Voyant Tools, AntConc, DataBasic, topic modeling, named entity recognition), network analysis (Palladio, Gephi, Python), data management and cleaning (Excel, OpenRefine), data analysis and visualization (Excel, Tableau), geospatial analysis and visualization (ArcMap, ArcGIS Online, StoryMaps, Google MyMaps, Carto). Includes tutorials for data cleaning and text analysis using Spanish-language source texts.

SELECTED WORKSHOPS & EVENTS

Invited Talks:

South Bend Digital Humanities Summer Research Institute   **July 2023**
    Keynote speaker as part of Navari Family Center for Digital Scholarship's summer training.

St. Mary's College   **March 2023**
    Keynote speaker for student research symposium, as part of NEH-funded strategic planning for Digital and Public Humanities minor.

Klau Institute for Civil & Human Rights, University of Notre Dame   **February 2022**
    Invited speaker for documentary film screening (*The Stand*) as part of sports & human rights Olympic programming series.

Leader/Facilitator:

Notre Dame Learning "Authentic Assessment in the Age of AI" series   **Fall 2023-Spring 2024**
    Invited participant and facilitator for an institute-wide faculty development series.

Notre Dame Kaneb Center Inclusive Teaching Academy   **June 2023**
    Invited participant and facilitator for Center for Teaching Excellence week-long faculty development training.

Notre Dame Kaneb Center Summer Reading Groups   **Summer 2021, Summer 2022**

Organizer and facilitator for multiple summer faculty development pedagogy reading groups: 2021: Addy, et. al, *What Inclusive Instructors Do: Principles and Practices for Excellence in College Teaching* (Stylus, 2021); 2022: *What Inclusive Instructors Do;* Derek Bruff, *Intentional Tech: Principles to Guide the Use of Educational Technologies in College Teaching* (West Virginia University Press, 2019)

Vivero Digital Scholarship Fellowship Program Pre-Semester Bootcamp   **Fall 2018**, **Fall 2019**

Worked with Library colleagues to plan and facilitate week-long pre-semester training program for student research assistants who will be working on digital scholarship projects during the academic year.

Digital Literacies   **Summer 2019**

Member of planning team for two-day workshop on digital literacies for Associated Colleges of the Midwest library and technology units.

Inclusive Digital Pedagogy: Theory and Praxis   **Summer 2019**

Lead facilitator and project manager for day-long workshop presented at the Association of Computers and the Humanities Conference.

Institute for Liberal Arts and Digital Scholarship   **Summer 2019, Summer 2021**

2019: Project manager, technical consultant, and facilitator for Davidson College team working on an interactive fiction experience built in Twine. 2021: Project manager, technical consultant, and facilitator for multi-institution team based in the American University of Beirut working on a linked data digital archiving platform project involving non-Western cultural heritage material.

Qualitative Approaches to Data   **Summer 2019**

Lead facilitator and project manager for week-long faculty and staff workshop that included conceptual discussions of various facets of data and hands-on learning opportunities. Workshop participants also received support for brainstorming new projects and incubating existing projects.

Digital Assignment Design   **Spring 2019**

Planned and facilitated faculty development lunch session on digital pedagogy and strategies for digital assignment design.

Love Data Week: Data Is For Everyone   **Spring 2019**

Lead facilitator and project manager for week of collaborative programming sponsored by Student Affairs, Career Services, Library, and Data Analysis campus units. Events included student research presentations, hands-on learning opportunities, and guest speakers.

Iowa Digital Engagement and Learning Assignment Design Workshop   **Fall 2017**

Planned and facilitated the first event in Iowa Digital Engagement and Learning's 2017-2018 assignment design workshop series. Workshop attendees included humanities faculty and graduate students.

Attendee/Participant:

Notre Dame Kaneb Center Course Design Academy   **Fall 2022-Spring 2023**

Invited participant for Center for Teaching Excellence year-long course design academy.

Humanities Intensive Learning and Teaching   **Summer 2019**

Attended and participated in "Text Analysis with Machine Learning and NLP" course.

Digital Humanities Summer Institute   **Summer 2018**

Attended and participated in "Geographical Information Systems in the Digital Humanities" course.

SELECTED TEACHING

Department of American Studies, University of Notre Dame   **Fall 2020-Present**

Baseball and America (F20, F22), Data Feminism (F20, F21, F22), Sport and Big Data (S21, S22, S23), Race and Technologies of Surveillance (S21, S22, S23), Football in America (F21, F23)

Department of Computer Science and Engineering, University of Notre Dame   **Fall 2020-Present**

Elements of Computing I (F20, SU21, F21, SU22, F22), Elements of Computing II (S21, S22, S23)

Department of Computer Science, Grinnell College   **Spring 2020**

Assistant Professor. The Digital Age

School of Library and Information Science, University of Iowa   **Spring 2020**

Adjunct Instructor. Conceptual Foundations.

Department of History, Grinnell College   **Fall 2019**

Co-instructor of Record. Digital Archiving, Oral History, and the Multicultural Alumni Reunion

Division of Humanities, Grinnell College   **Fall 2019**

Co-instructor of Record. Digital Stories for Social Justice

SELECTED CONFERENCE PRESENTATIONS

Walden, K., et al. (2022, November). Toward a Critical Data Pedagogy: American Studies Perspectives in the Digital Humanities Classroom. Panel accepted for the American Studies Association Annual Meeting. New Orleans, Louisiana.

Walden, K., et al (2022, May). Talking About Teaching Sport History: How We Can Empower Students in the 2022 Classroom. Roundtable presented at the 50th Annual Convention of the North American Society for Sport History. Chicago, Illinois.

Walden, K., et al. (2019, September). Deep Collaboration and the Labor of Digital Pedagogy in a Liberal Arts Context. Panel presented at Digital Frontiers: Tear Down the Walls. Austin, Texas.

Walden, K., and M. Smith-Benanti. (2019, July). Digital literacies and diverse, underrepresented, and under-resourced students. Session presented at the Associated Colleges of the Midwest Digital Literacies workshop. Grinnell, Iowa.

Walden, K. (2017, May). 'Is This Heaven? No, It's Iowa': Using Mapping and Spatial History to Reframe Minor League Baseball Narratives. Paper presented at 45th Annual Convention of the North American Society for Sport History. Fullerton, California.

Walden, K. (2016, May). 'Our Baseball Nine': Race, Sport, and Southern White Masculinity at Vanderbilt University, 1893-1912. Paper presented at 44th Annual Convention of the North American Society for Sport History. Atlanta, Georgia.

Walden, K. (2016, April). Playing Baseball and Building Archives: a Digital Humanities Project. Paper presented at 16th Annual Craft Critique Culture: Bridging Divides Interdisciplinary Graduate Student Conference. Iowa City, Iowa.

Walden, K. (2016, March). 'If You Build It, They Will Come': Complicating the Midwestern Myth in Baseball Films. Paper presented at Mid-America American Studies Association Conference. Lawrence, Kansas.

Walden, K., & C. Lucas-Carr. (2015, April). Campus Recreation and Bodily Experience: An Interactive Dialogue. Panel presented at 15th Annual Craft Critique Culture: Changes & Exchanges Interdisciplinary Graduate Student Conference. Iowa City, Iowa.

Walden, K. (2013, October). 'Take Me Out to the Ball Game': Music, Community, and Sustainability in Minor League Affiliates in Southeastern Music Cities.' Paper presented at Popular Culture/American Culture Association in the South. Savannah, GA.

SELECTED GRANTS & AWARDS

Mozilla Foundation, Responsible Computing Challenge   **Summer 2023 - Summer 2024**
Co-PI for $150,000 grant, "Computing, Culture, & Society: A Community-based, Intersectional Approach to Responsible Computing Across the Curriculum"

Teaching Beyond the Classroom Small Grant   **Fall 2022**
$1,200 grant to support off-campus site visits as part of "Baseball and America" course.

Grinnell College Innovation Fund   **Fall 2019-Spring 2020**
Co-PI for $10,000 grant "Advancing Digital Literacies for a Liberal Arts Education"

Roy J. Carver Charitable Trust   **Spring 2019-Summer 2019**
Micro-grant from larger Trust gift to Grinnell College supporting data science across the curriculum. PI for $10,000 grant to support external speakers and participant materials for Qualitative Approaches to Data summer 2019 workshop.

Roy J. Carver Charitable Trust   **Spring 2019**
Micro-grant from larger Trust gift to Grinnell College supporting data science across the curriculum. PI for $1,000 grant fund student research assistants to work on collecting and cleaning publicly-available data related to the school-to-prison pipeline, covering education data, juvenile detention data, and school district policies.

University of Iowa Digital Studio for Scholarship and Publishing Summer Fellowship   **Summer 2018**
Declined

Midwest Association of Graduate Schools' Outstanding Teaching Assistant Award   **Fall 2017**
University of Iowa nominee

C. Pauline Spencer Iowa Women's Archives Fellowship   **Fall 2017-Spring 2018**

University of Iowa Digital Studio for Scholarship and Publishing Summer Fellowship   **Summer 2017**
Declined

University of Iowa Council on Teaching Outstanding Teaching Assistant   **Spring 2017**

C. Pauline Spencer Scholarship for Women in Sport Studies   **Spring 2015**

SERVICE

University of Notre Dame

Technology & Digital Studies curriculum evaluation & environmental scan lead	Summer 2023
Sport, Media & Culture Minor Advisory Board	Spring 2022-Present
Data Science Minor in California curriculum development co-lead	Fall 2021-Spring 2022
Data Science Minor Steering Committee	Fall 2021-Present
LMS Pilot	Fall 2021
Elements of Computing curriculum assessment, benchmarking & revision lead	Fall 2020-Spring 2021

Grinnell College

Center for the Humanities Advisory Board	Fall 2019-Spring 2020
Digital Literacies Working Group (co-PI)	Spring 2019-Spring 2020
Vivero Digital Scholarship Fellowship Program (co-lead)	Summer 2018-Summer 2020

University of Iowa

NEH Next Generation Phd Planning Grant	Fall 2016-Spring 2017
Department of Rhetoric Professional Development Program	Fall 2015

Reviewer for: Digital Humanities Quarterly, Association for Computers and the Humanities, Alliance of

Digital Humanities Organizations, Digital Frontiers

Professional affiliations: American Studies Association (Mid-American American Studies Association, Digital Humanities Caucus, Sport Studies Caucus); North American Society for Sport History; American Library Association (Association of College and Research Libraries, Iowa Library Association); EDUCAUSE; Humanities, Arts, Science, and Technology Advanced Collaboratory (HASTAC Scholar, 2016-2018)

OTHER SKILLS

Digital methods: Textual analysis (Voyant, AntConc, Python, NER), network analysis (Gephi, Python), geospatial analysis (ArcGIS, Tableau, QGIS, ArcGIS Online), data analysis & visualization (Excel, Tableau, R, Python)

Content and version management systems: WordPress, Omeka, Drupal, Scalar, Git

Programming and markup languages: HTML, CSS, Markdown, XML, Python, R