

Dave Mawer

22 Henley Rd. Buffalo, NY
716 381 7027
dmawer@buffalo.edu

Education

University at Buffalo

Buffalo, NY
PhD, Curriculum, Instruction, and Science of Learning
Anticipated Graduation Date 2023
GPA 4.0

EdM, Technology and Education
Graduation Date September 2019
GPA 3.898

Daemen College

Amherst, NY
BS, Visual Arts Education
GPA 3.602

Experience

Adjunct Professor, Department of Visual and Performing Arts

Daemen College
January 2021 - Current

- Currently teaching two sections of Art 101

Adjunct Professor, Department of Media Study

University at Buffalo
August 2019 - May 2020

- Taught DMS121: Digital Media

Graduate Research Assistant

University at Buffalo

August 2019 - Current

- Currently conducting qualitative research tasks including data collection, transcription, and analysis for a variety of educational technology and computer science in education studies
- Currently developing full stack website and branding for CIRCL Research Collaborative

Webmaster, Alberti Center for Bullying Prevention

University at Buffalo

June 2019 - Current

- Develop additional features for endAbuse web platform
- Perform regular site maintenance
- Curate new website resource links
- Monitor and respond to accessibility feedback form submissions

Research Assistant, Department of Learning and Instruction

University at Buffalo

June 2018 - June 2019

- Developed and designed accessible website for New York State Developmental Disabilities Planning Council
- Designed web code and interface to adhere to WCAG 2.0 AA web accessibility standards
- Implemented HTML, CSS, Javascript, PHP, and SQL languages for full stack development
- Locally tested website using MAMP stack
- Tracked user behavior with Google Analytics
- Conducted statewide focus groups and heuristics evaluations

Program Director, Digital Media

North Warren Central School District

Chestertown, NY

September 2014 - June 2017

- Developed high school digital media program curriculum
- Taught the following courses:

- Intro to Digital Media
- Digital Video Editing
- Advanced Media Production
- Media Production Selected Topics
- Printmaking
- Studio in Art

Teacher, Digital Citizenship

North Warren Central School District

September 2016 - June 2017

- Developed and taught sixth grade digital citizenship course

Publications

P5.js Commenter: A Software Add-On for Facilitating Critique in STEAM Contexts, D. Mawer
 Conference Proceedings for 2021 Learning Sciences Graduate Student Conference
 Publication date November 2021

VR Immersion in the ELA classroom: Supporting the Professional Development of Novice Teachers, C. Chang, E. Etopio, E. Kearney, D. Mawer
 Textbook Chapter
 Publication Date February 15, 2021

Conference and Workshop Presentations

P5.js Commenter: A Software Add-On for Facilitating Critique in STEAM Contexts, D. Mawer
 2021 Learning Sciences Graduate Student Conference
 November 2021

Computational and Software Frameworks for Pen Plotters
 Faculty Workshop
 Department of Visual and Performing Arts, Daemen College
 October 2021

Online and Remote Pedagogies: Field Practices
 Workshop Presentation Series
 Department of Learning and Instruction, University at Buffalo
 September - October 2020

Genteel's Excellence in Teaching Conference

Rish, R., Hall, K., Laucella, L., & Mawer, D. (2020, March). The role of feedback in online and seated PhD programs. Genteel's Excellence in Teaching Conference, Buffalo, NY (panel presentation; conference canceled due to COVID-19);

endAbuse Web Platform Introduction

Conference Presentation

31st Annual Developmental Disabilities Day

Developmental Disabilities Alliance of WNY

May 2019

Open-source Locative Media Frameworks

Workshop Presentation

Department of Media Study, University at Buffalo

November 2019

Visualizing Data with API and JSON Data

Workshop Presentation

Department of Media Study, University at Buffalo

April 2018

SMART Board Classroom Methods and Materials

Workshop Presentation

Buffalo Public School 192

February 2013

Daemen College Eco Trail Enrichment Program

Conference Presentation

Daemen College Academic Festival

April 2013

Community Involvement

Mentoring Program - University at Buffalo - Learning and Instruction Department

Graduate Mentor

2021 - current

Graduate Student Association - Learning and Instruction Department

Communications Coordinator

2020 - current

- Facilitate GSA meetings with officers
- Design and disseminate event flyers
- Develop copy for various outreach materials
- Perform website and social media updates

WebAIM Web Accessibility Training

Logan, UT

2018

- Attended multi-day training in web accessibility standards implementation at Utah State University
- Trained in both programming and user interface methods for accessible websites
- Received certificate of completion for WCAG 2.0 standards

Graduate Student Association - Learning and Instruction Department

Alumni Relations Coordinator

2019 - 2020

- Facilitated GSA meetings with officers
- Coordinated with department Dean for upcoming events, issues, and requests
- Designed and disseminated event flyers
- Performed LAI GSA website updates
- Communicate with LAI alumni community to announce upcoming events

AmeriCorps

ABLE Program Volunteer

2013

- Served as a summer camp counselor in at-risk community
- Completed 450 hours of volunteer service

Daemen College Eco Trail

Trail Enrichment Program

2013

- Created and installed sculpture on Eco Trail
- Collaborated with Daemen College professor to complete project
- Presented sculpture and program results at 2013 Daemen College Academic Festival

Daemen College Art Club

President, 2012

Vice President, 2011-2012

Member, 2009-2013

Daemen College Art Education Club

President, 2011 - 2012

Member, 2010 - 2012

Gallery Exhibitions and Collections

Group Studio Exhibition

Art in the Open

Department of Media Study, University at Buffalo
2019

Student Group Exhibition

Department of Media Study, University at Buffalo
2018

Solo Exhibition

International Center for Excellence in Animation
Trimain Center, Buffalo, NY
2013

Group Exhibition

Elizabeth C. and Peter Tower Gallery
Amherst, NY
2013

Permanent Collection, Daemen College

Untitled Sculpture
Daemen College Eco Trail
Acquired 2013

Honors

Mary Lou and S. David Farr Scholarship

University at Buffalo

2019, 2020, 2021

Hans Hofmann Award for Excellence in Art Education

Daemen College

2013

Who's Who Among Students in American Universities & Colleges

Daemen College

2013

Dean's List, all semesters

University at Buffalo

2017 - 2021

Dean's List, all semesters

Daemen College

2009 - 2013

Graduate Technical Coursework

LAI686 Critical Computational Literacies Design Studio

University at Buffalo, 2021

GEO600 Independent Research, Glanceable Computing Frameworks

University at Buffalo, 2020

GEO559 GIS for Environmental Modeling

University at Buffalo, 2020

GEO506 Geographic Information Systems

University at Buffalo, 2019

DMS600 Independent Research, Locative Media Frameworks

University at Buffalo, 2019

DMS600 Independent Study, GPS Microcontroller Applications

University at Buffalo, 2019

CSE 503 Graduate Computer Science

University at Buffalo, 2018

LAI544 Teaching Introductory Python

University at Buffalo, 2018

DMS606 Special Topics, Code and Space

University at Buffalo, 2018

IE535 Industrial Engineering, Human Computer Interaction

University at Buffalo, 2017

DMS537 New Media

University at Buffalo, 2017