

Shannon L. Patton (she/they)

<https://shannonlpatton.com>

Education

Certificate in Digital Media, Web Design Meridian Technology Center, Stillwater, OK	Jan 2015 - Feb 2016
Masters of Science, Meteorology Iowa State University, Ames, IA	Jan 2011 - Dec 2013
Bachelor of Science, Meteorology Bachelor of Arts, Music Iowa State University, Ames, IA	Aug 2006 - Dec 2010

Experience

Project Manager	Jan 2019 - Present
Program Assistant Center for the Integration of Research, Teaching and Learning (CIRTL) NSF EBJ INCLUDES Aspire Alliance National Change Initiative	Mar 2017 - Dec 2018 Madison, WI

- Facilitated working group and team meetings - organized meeting agendas, took meeting notes, highlighted and followed up on action items
- Planned in-person and virtual conferences, meetings, and events - co-developed themes, found presenters, led logistical decisions, communicated with attendees, and provided technical support
- Oversaw budget expenditures, including subcontracts and consultants, and projected spending on \$3.4M grant and \$500K/year fee-for-service activities
- Worked with project teams and the WCER business office on grant development and reporting
- Served as a thought partner in the creation of Aspire's Inclusive Professional Framework and assisted with branding and dissemination
- Created content and resource collections for project websites, and led the rebuilding of the CIRTL website in a new platform by coordinating amongst various input partners
- Served on staff and student hiring committees, informally (and occasionally formally) supervised student workers, and onboarded new staff as well as local CIRTL program leaders
- Liaised with partners to highlight mutual connections and collaborated on events, recruitment and funding opportunities

Data Consultant Iowa State University	July 2016 - Sep 2016 Remote
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- Extracted and processed regional climate model data to create weather files for building simulations

Research Assistant & Web Designer
Iowa State University

May 2008 - Jun 2014
Ames, IA

- Extracted, analyzed, and created graphics of Iowa climate data for public dissemination
- Used regional climate models to estimate the impact of climate change on building energy consumption, wheat toxins, and crop yields
- Developed content for an asynchronous USDA online course about climate change adaptation
- Curated content and created archives of climate-related news, publications, events, and educational resources for professional, student and public audiences

Skills

CIW Certifications: HTML5, CSS3, JavaScript, Perl, Database Design, Web Development
Tools: Microsoft Office Suite, Google Suite, Adobe Creative Suite, Zoho Suite, MySQL, Qualtrics
Intercom, WordPress, Zoom, Slack, MS Teams, Skype, Blackboard, Moodle, Padlet, Jamboard, Mural

Selected Publications

Gillian-Daniel D.L., Diamond K., Dukes A., Greenler R. McC., Hill L.B, & **Patton S.**, (2023, *in press*). Centering Equity and Inclusion in Online Course Design and Instruction - A Model for Post-Pandemic Faculty Development. *Online Learning, Open Education and Equity in the Age of COVID*. Athabasca University Press.

Leibnitz G.M., Gillian-Daniel D.L., Greenler R.McC., Campbell-Montalvo R., Metcalf H., Segarra V.A., Peters J.W., **Patton S.**, Lucy-Putwen, A., and Sims E.L. (2022). The Inclusive Professional Framework for Societies: Changing Mental Models to Promote Diverse, Equitable, and Inclusive STEM Systems Change. *Front. Sociol.* 6:784399. <http://dx.doi.org/10.3389/fsoc.2021.784399>

Additional publications are listed online at <https://shannonlpatton.com>.

Selected Presentations and Posters

Systemic Change for an Inclusive and Diverse Faculty (*accepted*)

2023 Aspire Alliance Summit, Los Angeles, CA

July 19, 2023

Roundtable: “An Inclusive Professional Framework (IPF) Toolkit: Activities for Practicing an Equity Mindset Individually or with your Local Communities”

WCER Lunch & Learn

University of Wisconsin-Madison, Madison, WI

May 25, 2022

Presentation: “10 Questions with The CIRTL Network”

Additional presentations and posters are listed online at <https://shannonlpatton.com>.

Grants and Activities

UW & WCER Project Manager Communities of Practice

Aug 2022 - Present

Seed Grant: Center for Global and Environmental Research (CGRER)

Aug 2011 - Jul 2012

Mentor for HHMI Summer of Research Science

Jun 2011 - Aug 2012