

PHILIP BRADLEY WHITE

University Libraries | University of Colorado Boulder | 184 UCB, Boulder, Colorado 80309

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Rank: Associate Professor (2022) | CV updated 1/2024

outpw.github.io | github.com/outpw

EDUCATION

Master of Library and Information Studies

May 2015

University of North Carolina at Greensboro, NC

Master of Arts in Geography

August 2010

Appalachian State University, Boone, NC

Bachelor of Arts in Geography

December 2007

University of Tennessee, Knoxville, TN

EXPERIENCE

University of Colorado Boulder Libraries, Boulder, CO

May 2016 to Present

Earth, Environment & Geospatial Librarian

July 2020

Earth Science & Environment Librarian

May 2016

Subject librarian for Geological Sciences, Geography, Environmental Studies,
Atmospheric and Oceanic Sciences, and geospatial information

Rank:

Associate Professor

2022

Assistant Professor

2016

University of Wyoming Libraries, Laramie, WY

Social Sciences Librarian | Assistant Librarian

2015–2016

SCHOLARSHIP

Peer-Reviewed Publications:

Authors ordered according to their relative contribution unless otherwise noted.

Radio, E., Gregonis, K., Werling, S., **White, P.**, and Crosbie, K. (2022). Evaluation of geographic vocabularies and their usage. *Journal of Map & Geography Libraries*.
doi:10.1080/15420353.2022.2068108

***White, P.** & Radio, E. (2021). Mapping search queries to metadata fields in a GeoBlacklight repository. *Journal of Library Metadata*. <https://doi.org/10.1080/19386389.2020.1915459>

*Equally coauthored

*Teplitzky, S, Tranfield, M.W., Warren, M., & **White, P.** (2021). Introducing reproducibility to citation analysis: a case study in the earth sciences. *Journal of eScience Librarianship*.
<https://doi.org/10.7191/jeslib.2021.1194>

*Authors listed alphabetically

Gilbert, S., **White, P.**, & Tallman, K. (2021). Information seeking behaviors of environmental journalists. *Journal of Librarianship & Information Science*. <https://doi.org/10.1177/09610006211020081>

Eichmann-Kalwara, N., Carey, F., Cantrell, M., Gilbert, S., **White, P.**, & Mika, K. (2021). Is Digital Scholarship meaningful? A campus study tracking multidisciplinary perceptions. *KULA: Knowledge Creation, Dissemination, and Preservation Studies*. <https://doi.org/10.18357/kula.130>

***White, P.** & Powell, S. (2019). Code-literacy for GIS librarians: a discussion of languages, use cases, and competencies. *Journal of Map and Geography Libraries*. 15(1). <https://doi.org/10.1080/15420353.2019.1660754>

***Awarded *Journal of Map and Geography Libraries'* Best Paper of the Year**

Swanson, J., & **White, P.** (2019). Using the WorldCat API to develop data-driven decision-making for gifts-in-kind. *Library Resources & Technical Services* 63(3). <https://doi.org/10.5860/lrts.63n3.180>

Heeter, K., Grant, H., Van De Gevel, S., & **White, P.** (2019). Blue intensity as a temperature proxy in the eastern United States: a pilot study from a southern disjunct population of *Picea rubens* (Sarg.). *Dendrochronologia* 55. <https://doi.org/10.1016/j.dendro.2019.04.010>

White, P. (2019). Using data mining for citation analysis. *College and Research Libraries* 80(1). <https://doi.org/10.5860/crl.80.1.76>

White, P. (2016). Realizable value of the MLIS: insights from a new professional. *The Bottom Line* 29(3), 142–150. <https://doi.org/10.1108/BL-05-2016-0019>

Crumpton, M., & **White, P.** (2016). Connecting real learning with social media ROI. *The Bottom Line*, 29(1), 2–11. <https://doi.org/10.1108/BL-10-2015-0020>

White, P., Soulé, P., & van de Gevel, S. (2014). Impacts of human disturbance on the temporal stability of climate-growth relationships in a red spruce forest, southern Appalachian Mountains, U.S.A. *Dendrochronologia*, 32(1), 71–77. doi:10.1016/j.dendro.2013.10.001

van de Gevel, S., Hart, J., Spond, M., **White, P.**, Sutton, N., & Grissino-Mayer, H. (2012). American chestnut to northern red oak: a forest dynamics study in the Blue Ridge Mountains, North Carolina, U.S.A. *Botany*, 90(12), 1263–1275. doi:10.1139/b2012-100

White, P., van de Gevel, S., & Soulé, P. (2012). Succession and disturbance in an endangered red spruce-Fraser fir forest in the southern Appalachian Mountains, North Carolina, USA. *Endangered Species Research*, 18(1), 17–25. doi:10.3354/esr00431

White, P., Grissino-Mayer, H., van de Gevel, S., LaForest, L., & Deweese, G. (2011). Climatic response of oak species across an environmental gradient in the southern Appalachian Mountains, U.S.A. *Tree Ring Research* 67(1), 27–37. doi:10.3959/2009-1.1

Non-refereed publications:

Thornberry, E., & **White, P.** (2020). GitHub and Jekyll for publishing GIS workshop content. *Association of Canadian Map Libraries and Archives Bulletin*.

White, P. (2018). [Review of the book] *Basics of GIS Coordinates*, 3rd Edition, by Jan Van Sickle. *WAML Information Bulletin*, 49(3).

White, P. (2016). Learning ArcGIS Pro. *WAML Information Bulletin*, 48(1).

White, P. (2016). [Review of the book] *The curious map book*, by Ashley Baynton-Williams. *WAML Information Bulletin*, 47(3).

Presentations:

National

White, P., & Radio, E. (2021). Mapping search queries to GeoLibrary metadata fields. Lightning talk. Geo4Lib Camp, 8–10 February, 2021, Virtual.

Thornberry, E., & **White, P.** (2020). Teaching workshops in a virtual world using GitHub workflows. Half-day workshop presented at the Annual Meeting of the Western Association of Map Libraries, 14–16 October, 2020, Virtual. [Invited]

Gilbert, S., **White, P.**, & Tallman, K. (2020). An Examination of Professional Journalists ISB for Outreach and Reference Services. Annual Meeting of the American Library Association, 24–26 June, 2020, Virtual. [Refereed]

White, P. (2020). GUI-free GIS instruction in the library. Annual Meeting of the Association of American Geographers, 7–11 April, 2020, Virtual. [Refereed]

White, P., & Durante, K. (2019). Basic Python for Map & GIS Librarians. Half-day workshop presented at the Annual Meeting of the Western Association of Map Libraries, 18–21 September, 2019, Reno, NV. [Invited].

White, P. (2019). Fun in the library with Mapbox. Lightning talk. Annual Meeting of the Western Association of Map Libraries, 18–21 September, 2019, Reno, NV.

Eichmann-Kalwara, N., Cantrell, M., Carey, F., Gilbert, S., Mika, K. A., & **White, P.** (2019). Digital scholarship engagement and needs at the University of Colorado Boulder. Association of College and Research Libraries Conference, 10–13 April, 2019, Cleveland, OH. (Poster) [Refereed].

White, P., & Swanson, J. (2018). Using WorldCat API to identify unique and distinctive materials within collections. Library Assessment Conference, 5–7 December, 2018, Houston, TX. (Poster) [Refereed].

White, P., & Wiersma, G. (2018). Leveraging OpenRefine and APIs to conduct large-scale collection analyses. Half-day workshop presentation at the 2018 Library Assessment Conference, 5–7 December, 2018, Houston, TX [Invited].

Eichmann-Kalwara, N., Cantrell, M., Carey, F., Gilbert, S., Mika, K., & **White, P. (2018)** Building an open and digital scholarship community-of-practice: An assessment of user competencies and needs. Digital Library Forum, 15 October, 2018, Las Vegas, NV [Refereed].

White, P. (2018). Python for GIS librarians: toward a data science core competency for geospatial librarianship. Annual Meeting of the Western Association of Map Libraries, 12–15 September, 2018, San Diego, CA.

White, P. (2017). Mining citation data using the Web of Science API: a data gold rush. The Charleston Library Conference, 6–10 November 2017, Charleston, SC. [Refereed].

White, P., & Gowen, E. (2016). Developing a geospatial data acquisition policy at the University of Colorado Boulder. Annual Meeting of the North American Cartographic Information Society, 19–22 October 2016, Colorado Springs, CO. [Refereed].

White, P. (2016). Colorado historical mine maps and the ArcGIS Pro learning curve. Annual Meeting of the Western Association of Map Libraries, 7–10 September 2016, Stanford, CA.

White, P., van de Gevel, S., & Soulé, P. (2010). The roles of climate and stand dynamics in a post-disturbance red spruce-Fraser fir forest at Roan Mountain, Cherokee and Pisgah National Forests. Annual Meeting of the Association of American Geographers, 14–18 April 2010, Washington, D.C. [Refereed]

Van de Gevel, S., **White, P.**, Spond, M., & Grissino-Mayer, H. (2009). Chestnut graveyard: forest succession in the absence of *Castanea dentata*, Bluff Mountain, North Carolina. Annual Meeting of the Southeastern Division of the Association of American Geographers, 22–24 November 2009, Knoxville, TN. (Poster) [Refereed]

White, P., & van de Gevel, S. (2009). The dendroecology and disturbance regime of the red spruce-Fraser fir forest of Roan Mountain, Cherokee and Pisgah National Forests. Annual Southern Appalachian Man and the Biosphere Conference, 17–19 November 2009, Asheville, NC. (Poster) [Refereed]

White, P., & Grissino-Mayer, H. (2008). Climate response in southern Appalachian oak species: a dendroclimatic study. Annual Meeting of the Association of American Geographers, 15–19 April 2008, Boston, MA. (Poster) [Refereed]

Regional

White, P. (2018). CU geoportal project update. Colorado GIS in Higher Education Summit. Colorado College, 16 March 2018, Colorado Springs, CO.

White, P. (2017). CU geoportal project. Denver Regional Council of Governments (DRCOG) Denver Regional Data Consortium Meeting, 24 July 2017, Denver, CO. (invited)

White, P., Thiry, C., Linn, S., & Magle, T. (2017). Colorado geospatial data discovery: accessing GIS datasets via university libraries. Colorado GIS in Higher Education Summit, Colorado State University, 23 February 2017, Fort Collins, CO.

University

White P. & Radio, E. (2020). Mapping search queries to GeoLibrary metadata fields. University Libraries Symposium Series, University of Colorado Boulder. 16 December 2020, Boulder, CO.

Swanson, J., & **White. P.** (2018). Using the WorldCat API to develop data-driven decision-making for gifts-in-kind. University Libraries Symposium Series, University of Colorado Boulder, 7 November 2018, Boulder, CO.

White, P. (2017). Using data mining for citation analysis. University Libraries Symposium Series, University of Colorado Boulder, 2 August 2017, Boulder, CO.

Other Presentations

White, P. (2017). Using Data-Mining for Geological Sciences Citation Analysis. Department of Geological Sciences faculty meeting, University of Colorado Boulder, 12 September 2017, Boulder, CO. (Invited)

Creative Works:

Computer Programs and Data Sets

White. P. (2020). Geo_meta: A repository of Python scripts for mapping query logs to GeoBlacklight schema metadata fields. GitHub repository. Available online at: https://github.com/outpw/geo_meta.

Teplitzky, S. & **White, P.** (2020). Earth Science Citation Replication Project. A repository of Jupyter Notebooks designed for easily replicated citation analyses. Available online at: <https://github.com/samteplitzky/Earth-Science-Citation-Replication-Project>. (Contributor)

White. P. (2018). WorldCatLocations: A repository of Python scripts for interacting with the WorldCat Discovery API and related analysis programs. GitHub repository. Available online at: <https://github.com/outpw/WorldCatLocations>.

White, P. (2017). WOKapiscripts: A repository of python scripts for interacting with the Web of Science Web Services Premium API. GitHub repository. Available online at: <https://github.com/outpw/WOKapiscripts>.

Exhibits

White, P. (2019) Data Visualization Contest 2018 Winners' Exhibit. Norlin Library, University of Colorado Boulder. February 2019 to January 2020.

White, P. (2018) Data Visualization Contest 2017 Winners' Exhibit. Norlin Library, University of Colorado Boulder. February 2018 to January 2019.

White, P. (2017). Ski and Snow: Maps Celebrating Winter in the Colorado Rockies. Earth Sciences & Map Library, University of Colorado Boulder. February to May 2017.

White, P. (2017) Maps in the News Flash Exhibit: Maps Projections. Flash Exhibit. March 23-27, 2017.

COURSES TAUGHT

Geography 4303/5303: GIS Programming. 4 credit hours.

Instructor, Spring 2022, 2023

LIBRARIANSHIP

Teaching:

Course Integrated Instruction

Teach between 12 and 20 course-integrated sessions on GIS, numeric and spatial data literacy, and information literacy per semester. Departments/Colleges for which instruction has been provided include Geography, Geological, Environmental Studies, Education, Environmental Design, First-Year Seminar, International Affairs, CMCI, Master of the Environment, Art & Art History, Music, and History.

Workshops

Lead 3 to 6 workshops per semester focusing on GIS and data topics in both the Earth Sciences & Map Library and the Center for Research Data and Digital Scholarship.

Consultations:

50+ student, faculty, or public patron face-to-face consultations per semester on topics ranging from literature searching to data discovery and GIS technical assistance.

Research Guides:

Created or maintain 13 libguides for the Earth Sciences & Map Library.

Working Groups & Project Teams:

Geoportal Project Team 2017–

Data Acquisition assessment group 2018–

Scholarly Interest Working Group (SIWG), 2016–2017

Research Data Services (RDS) team, 2016–2017

Grants:

White, P. (2017). Data Visualization Contest. \$1,400 grant from the University Libraries Fund for Innovation, Service, and Entrepreneurship.

PROFESSIONAL CONTRIBUTIONS & SERVICE

Journal of Map and Geography Libraries

Editorial Board Member, 2024–

Reviewer, 2023–

Western Association of Map Libraries (WAML)

Scholarship Committee Member, 2017–

Chair, 2019–2023

Member, Annual Meeting Planning Committee, 2021

Executive Board Member, 2016–2019

Vice President/Past-President, 2018–2019

President, 2017–2018

Vice President/President-Elect, 2016–2017

Mission Statement Development Task Force, Chair, 2019

Annual Meeting Planning Team, 2017

American Library Association (ALA), RUSA Business Reference and Section (BRASS)

Membership Committee, 2015–2016

UNIVERSITY & INSTITUTIONAL SERVICE

University of Colorado Boulder Campus

Member, Faculty Salary Procedures Working Group

2022–2023

Task force charged by the Boulder Faculty Assembly and Academic Affairs to recommend a salary and equity framework to campus academic units.

University Libraries

Member, Appeals Committee, 2019–2021

Member, Faculty Personnel Committee, 2018–2019

Chair, 2019

Member, Task Force for Evaluating Libraries' Faculty Evaluation Process, 2018–2019

Member, Head of Sciences Spaces & User Experience Search Committee, 2019

Member, Applied Sciences Librarian Search Committee, 2019

Member, Geospatial Data Services Postdoctoral Fellow Search Committee, 2019

Member, History & Philosophy Librarian Search Committee, 2018–2019

Member, Metadata Librarian Search Committee, 2018

Member, Task Force for Years of Credit toward Tenure, November 2017–August 2018

Member, Head of Earth Sciences & Map Library Search Committee, 2017

Member, Data Services Librarian Search Committee, 2017

AWARDS

Best Paper of the Year. *Journal of Map and Geography Libraries*, Volume 15, for:

White, P. & Powell, S. (2019). Code-literacy for GIS librarians: a discussion of languages, use cases, and competencies. *Journal of Map and Geography Libraries*. 15(1).
<https://doi.org/10.1080/15420353.2019.1660754>