

# PHILIP BRADLEY WHITE

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

Philip.White@Colorado.edu | 303-735-8278

Rank: Assistant Professor (2016) | CV updated 1/2020

## EDUCATION

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- 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

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- University of Colorado Boulder Libraries**, Boulder, CO  
Earth Sciences & Environment Librarian, Assistant Professor May 2016 to Present  
Subject librarian for Geological Sciences, Geography, Environmental  
Studies, Atmospheric and Oceanic Sciences, and geospatial information
- University of Wyoming Libraries**, Laramie, WY  
Social Sciences Librarian, Assistant Librarian 2015–2016

## SCHOLARSHIP

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### Peer-Reviewed Publications:

- White, P.** & Powell, S. (2019). Code-literacy for GIS librarians: a discussion of languages, use cases, and competencies. *Journal of Map and Geography Libraries*.  
<https://doi.org/10.1080/15420353.2019.1660754>
- 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).
- White, P.** (2019). Using data mining for citation analysis. *College and Research Libraries* 80(1).  
<https://crl.acrl.org/index.php/crl/article/view/16892>
- 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:

**White, P.** (2018). [Review of the book] *Basics of GIS Coordinates*, 3<sup>rd</sup> 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.** (2019). Fun in the library with Mapbox. Lightning talk. Annual Meeting of the Western Association of Map Libraries, 18–21 September, 2019, Reno, NV.

**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].

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*

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.** (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.** (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.

### **Works in Progress:**

**White, P.,** & Lewis, A. A speedy citation analysis of new faculty hires for collection development purposes. (data collection in progress).

Eichmann-Kalwara, N., Cantrell, M., Carey, F., Gilbert, S. & Mika, K. White, P. Defining digital scholarship for a local context. (working title, manuscript in-progress, to be submitted to *College & Research Libraries*).

Eichmann-Kalwara, N., White, P., Cantrell, M., Carey, F., Gilbert, S. & Mika, K. Digital scholarship at the University of Colorado Boulder: 2018 campus survey results. (working title, manuscript in-progress, to be submitted to Library Hi Tech News).

Gilbert, S., Tallman, K., & **White, P.** Information seeking behaviors of environmental science journalists. (data collection in progress).

## **LIBRARIANSHIP**

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### 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 5 to 7 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

## **PROFESSIONAL CONTRIBUTIONS & SERVICE**

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### **Western Association of Map Libraries (WAML)**

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  
Scholarship Committee Member, 2017–  
Chair, 2019  
Annual Meeting Planning Team, 2017

**American Library Association (ALA)**, RUSA Business Reference and Section (BRASS)  
Membership Committee, 2015–2016

## **UNIVERSITY & INSTITUTIONAL SERVICE**

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### **University Libraries**

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, 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

## **GRANTS**

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