Office of Faculty Affairs
UNIVERSITY OF COLORADO **BOULDER**

Additional Job Request Form

Today's Date: 12/16/2021

Employee ID: 290922   Full Name: Philip Bradley White

Department/School: College of Arts and Sciences

FTE and percent of time for additional job being requested: 0.13 FTE, 25%

Name of Course: GIS Spatial Programming

Course Number: GEOG4/5303   Course Section: n/a

Semester/Year during which the course is being taught: Spring   2021

Amount of Compensation (in dollars) $ 6350

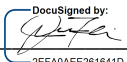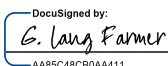Attach CV (required):   Attach letter of recommendation (required):

If your college or school requires additional documentation, please attach it here (optional):

The University Staff employee named above will be teaching the course as outlined in the information provided above.

Department Chair or Associate Dean

Signature _____ Date Signed 12/16/2021

Employee's Supervisor

Signature: _Juliann Couture_____ Date Signed: 12/16/2021

Dean

Signature: _G. Lang Farmer_____ Date Signed: 12/19/2021

Additional Approval (if applicable)

Signature: _____ Date Signed: _____

-1-

Employee

Signature: Philip White _____ Date Signed: 12/21/2021

Office of Faculty Affairs

OFA Initials: _____ Date Initialed: _____

OFA Comments (Optional):

Vice Provost and Associate Vice Chancellor for Faculty Affairs:

Signature: _____ Date Signed: _____

PHILIP BRADLEY WHITE

University Libraries ǀ University of Colorado Boulder ǀ 184 UCB, Boulder, Colorado 80309
Philip.White@Colorado.edu ǀ 303-735-8278
Rank: Assistant Professor (2016) ǀ CV updated 6/2021
outpw.github.io ǀ 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
Earth, Environment & Geospatial Librarian ǀ Assistant Professor   July 2020 to Present
Earth Science & Environment Librarian ǀ Assistant Professor   May 2016–2020
    Subject librarian for Geological Sciences, Geography, Environmental Studies,
    Atmospheric and Oceanic Sciences, and geospatial information

University of Wyoming Libraries, Laramie, WY
Social Sciences Librarian ǀ Assistant Librarian   2015–2016

SCHOLARSHIP

Peer-Reviewed Publications:
Authors ordered according to their relative contribution unless otherwise noted.

   ***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. Is Digital Scholarship meaningful? A campus study tracking multidisciplinary perceptions. *KULA: Knowledge Creation, Dissemination, and Preservation Studies*. [*In Press*]

*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.

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 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

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

PROFESSIONAL CONTRIBUTIONS & SERVICE

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

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

University of Colorado
Boulder

Department of Geography
Jennifer Fluri, Chair
108 Guggenheim Hall, 260 UCB
Boulder, Colorado 80309-0260

Phone   303-492-8310
Fax   303-492-7501
jennifer.fluri@colorado.edu
http://geography/colorado.edu

November 9, 2021

Recommendation Letter for Philip B. White regarding qualifications to teach
GEOG4303/5303 GIScience: Spatial Programming, Spring 2022

Dear Office of Faculty Affairs:

Prof. Phil White received a Master of Arts in Geography from the Appalachian State
University, Boone, NC in 2010, and a Master of Library and Information Studies in 2015
from the University of North Carolina at Greensboro, NC. Since 2016 he is an Assistant
Professor at the Library of CU Boulder, and serves as the Earth, Environment & Geospatial
Librarian since July 2020. Before that, Phil was the Earth Science & Environment Librarian
for Geological Sciences, Geography, Environmental Studies, Atmospheric and Oceanic
Sciences, and geospatial information.

His expertise is in the intersection of data science and library collection development. His
work includes data mining to identify gaps in data collections and holdings as well as
gauging data literacy among students he teaches and works with.

Phil has taught between 12 and 20 course-integrated sessions on GIS, numeric and spatial
data literacy, and information literacy per semester for different departments including
Geography, Geological, Environmental Studies, Education, Environmental Design, First-
Year Seminar, International Affairs, CMCI, Master of the Environment, Art & Art History,
Music, and History. He also led 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. Phil holds more than 50 consultations with students, faculty or other
users to help with literature searching to data discovery and GIS technical assistance.

Phil's research and creative works are based on much programming and scripting skills in
Python. He published several Computer Programs and Data Sets on GitHub repository. He
knows Python very well, can work and implement different modules, use Jupyter Notebooks
and make use of different APIs. He published on mapping search queries and Code-literacy
for GIS librarians in well-respected journals.

Based on his expertise and technical skillsets, as well as his proficiency in the Python
programming language but also based on his rich experience in teaching in different
departments including GIS classes, Philip White is a well-qualified and competent instructor
who would do an excellent job in teaching GEOG 4303/5303, GIScience: Spatial
Programming.

Sincerely,

Jennifer Fluri
Professor and Chair

Courses Agreed to Teach Grid

To be completed (prior to being uploaded to DocuSign) by Temporary Faculty Appointee and submitted with Offer Letter via DocuSign by Unit

Name: Philip White

Academic Year: 2021-2022

All appointments in the academic year within the CU system or Continuing Education must be listed below. This includes, but is not limited to, staff, faculty, research associate, and graduate student appointments.

Do you hold an instructor, clinical, or tenure track appointment?	Yes ✔	No ☐
Do you hold a graduate student appointment?	Yes ☐	No ✔
Do you hold a staff appointment?	Yes ☐	No ✔
Do you hold a research associate appointment?	Yes ☐	No ✔

List courses to be taught below. If you are not teaching for a semester, enter N/A.

Fall Semester			
Course Number	Section Number	Credit Hours	Name of Unit Course Taught In
n/a			

Spring Semester			
Course Number	Section Number	Credit Hours	Name of Unit Course Taught In
GEOG 4303/5303	010	4	Geography

University of Colorado Boulder

Department of Geography
Jennifer Fluri, Chair
108 Guggenheim Hall, 260 UCB
Boulder, Colorado 80309-0260

Phone   303-492-8310
Fax   303-492-7501
jennifer.fluri@colorado.edu
http://geography/colorado.edu

November 12, 2021

I am requesting an additional job (.13 FTE, 25%) for Philip B. White, who is Earth, Environment & Geospatial Librarian and Earth Science & Environment Librarian, Assistant Professor. He will be teaching GIS Spatial Programming, GEOG4/5303 for the Spring 2022 semester. This offer is contingent upon adequate enrollment for these course sections.

We will pay him $6350 for the semester starting January 3, 2022 and ending May 4, 2022.

What is the current FTE/Percentage of this employee? FTE__1__   Percentage__100%__

If primary appointment is instructor, does the contract permit additional jobs? <u>N/A</u>

If no, have you spoken to Divisional Dean about this appointment? <u>N/A</u>

NOTES:
Employee last taught for the College of Arts and Sciences: n/a

---

If you have a primary appointment as an Instructor, please verify that your contract allows you to have an additional job. Yes_____ No_____ N/A___X_____

If your primary appointment does not allow an additional job, please confirm that you have spoken to your chair about this restriction. Yes_____ No_____ N/A___X_____

For Department/Program Use Only:				
Is a BGC needed?		If yes, request for BGC sent to hr-bgc@colorado.edu:		
BGC completion date:	3/8/16			
New CU hire?	No	If no, Employee ID #:	290922	Position #:
Funding Distribution Speedtype:		11006894	(if ST blank, dept salary ST will be charged)	
Funding Source L&R?	Yes			
If not L&R, explain source of funding:				