

Dakota S. Murray

Phone: +1 (828) 691 5724
email: dakmurra@iu.edu; dakota.s.murray@gmail.com
URL: <http://www.dakotamurray.me>
ORCID ID: [0000-0002-7119-0169](https://orcid.org/0000-0002-7119-0169)
GITHUB: <https://github.com/murrayds>

Current position

Associate Instructor, School of Informatics, Computing, and Engineering, Bloomington

Areas of specialization

Science of Science • Data Science • Science and Technology Studies • Scholarly Communication

Education

- 2012-present PH.D. in Informatics, *Computing, Culture, and Society*, Doctoral minor in Statistics
 advisor: Dr. Cassidy R. Sugimoto
 School of Informatics, Computing, and Engineering
 Indiana University Bloomington
- 2012-2016 B.S. in Computer Science
 advisor: Dr. Mitch Parry
 Summa Cum Laude and with departmental honors
 Appalachian State University

Appointments and employment

- 2018-present *Associate Instructor*
 School of Informatics, Computing, and Engineering, Indiana University Bloomington
- 2016-2018 *Research Assistant*
 School of Informatics, Computing, and Engineering, Indiana University Bloomington
- 2015-2016 *Research Assistant*
 Department of Computer Science, Appalachian State University
- 2015 *NIFS Student Intern*
 NASA Langley Research Center
- 2013 *Web Developer/Research Assistant*
 Department of Computer Science, Appalachian State University

Publications

JOURNAL ARTICLES

- 2018 Robinson-Garcia, N., Sugimoto, C. R., **Murray, D.**, Yegros-Yegros, A., Larivière, V., & Costas, R.
 (2018). Scientific mobility indicators in practice: International mobility profiles at the country

level. *El Profesional de La Información*, 27(3), 511. <https://doi.org/10.3145/epi.2018.may.05>

- 2018 Bu, Y., Ding, Y., Liang, X., & **Murray, D. S.** (2018). Understanding persistent scientific collaboration. *Journal of the Association for Information Science and Technology*, 69(3), 438–448. <https://doi.org/10.1002/asi.23966>
- 2018 Bu, Y., **Murray, D. S.**, Ding, Y., Huang, Y., & Zhao, Y. (2018). Measuring the stability of scientific collaboration. *Scientometrics*, 114(2), 463–479. <https://doi.org/10.1007/s11192-017-2599-0>
- 2018 Chinchilla-Rodríguez, Z., Miao, L., **Murray, D.**, Robinson-García, N., Costas, R., & Sugimoto, C. R. (2018). A Global Comparison of Scientific Mobility and Collaboration According to National Scientific Capacities. *Frontiers in Research Metrics and Analytics*, 3. <https://doi.org/10.3389/frma.2018.00017>
- 2017 Sugimoto, C. R., Robinson-Garcia, N., **Murray, D. S.**, Yegros-Yegros, A., Costas, R., & Larivière, V. (2017). Scientists have most impact when they're free to move. *Nature*, 550(7674), 29–31. <https://doi.org/10.1038/550029a>

INDEXED CONFERENCE PROCEEDINGS

- 2017 Das, S., Goard, J., & **Murray, D.** (2017), How Celebrities Feed Tweeples with Personal and Promotional Tweets: Celebrity Twitter Use and Audience Engagement. In *Proceedings of the 8th International Conference on Social Media and Society* (pp. 30:1–30:5). New York, NY, USA: ACM. <https://doi.org/10.1145/3097286.3097316>

OTHER PUBLICATIONS

- 2018 Cassidy R. Sugimoto, **Dakota S. Murray**, and Vincent Larivière (April 26, 2018), "Open citations to open science", *ISSI Blog*. Available at <http://www.issi-society.org/blog/posts/2018/april/open-citations-to-open-science/>
- 2017 Rodrigo Costas, Alfredo Yegros, Vincent Larivière, Cassidy Sugimoto, Nicolas Robinson-Garcia, **Dakota S. Murray** (October 5, 2017), "The global scientific brain: Policy implications of barriers to scientific mobility", *CWTS Blog*. Available at <https://www.cwts.nl/blog?article=n-r2r284>

Conference works & talks

REFEREED CONFERENCE WORKS

- 2017 **Murray, D.**, Zhou, H., Minik, V., Larivière, V., Sugimoto, C. R., (2017). Are Great Researchers Terrible Teachers? How research and teaching performance relate at U.S. universities. *ISSI2017*. Wuhan, China
- 2017 Robinson-Garcia, N., Sugimoto, C.R., **Murray, D.**, Yegros-Yegros, A., Lariviere, V., & Costas, R. (2017). Unveiling the multiple faces of mobility: Towards a taxonomy of scientific mobility types based on bibliometric data. *STI2017*. Paris, France.
- 2017 Chinchilla-Rodríguez, Z., Miao, L., **Murray, D.**, Robinson-Garcia, N., Costas, R., & Sugimoto, C.R. (2017). A large-scale comparison of the position of countries in international collaboration and

mobility according to their scientific capacities. STI2017. Paris, France.

2017 **Murray, D.**, Sugimoto, C.R., & Lariviere, V. (2017). A balanced portfolio? The relationship between gender and funding for US academic professors. STI2017. Paris, France.

2017 Miao, L., **Murray, D.**, Chinchilla-Rodriguez, Z., Lariviere, V., & Sugimoto, C.R. (2017). Glass boundaries: Differences in interdisciplinarity between men and women. STI2017. Paris, France.

PANELS AND WORKSHOPS

2018 Zaida Chinchilla-Rodríguez, presented by **Dakota Murray**, (2018)Moving on up: the relationship between international mobility and global leadership. 4S, Sydney, Australia

2018 Cassidy Sugimoto, **Dakota Murray**, & Vincent Larivière, Accepted open panel, *The Global Scientific Brain: International Mobility of the Scientific Workforce*, 4S Sydney, Sydney, Australia

Grants, honors & awards

GRANTS AND OTHER FUNDING

2017-2018 IDEASc fellowship, sponsored by IMLS
2017 Cross-track collaboration grant, School of Informatics, Computing, and Engineering

ACADEMIC AWARDS

2016 Graduated B.S. *Summa Cum Laude* and with departmental honors
2012-2016 Chancellor's List (GPA > 3.85) for all semesters attending Appalachian State University
2012, 2013 NSF Academy of Science Scholarship at Appalachian State University

HONORS

2017 Invited participant of Lorentz Center workshop *Rethinking Impact Factors: New Pathways in Journal Metrics*
2015 Undergraduate student usher, representing department of Computer Science at 2015 Fall graduation ceremony at Appalachian State University

Teaching

INDIANA UNIVERSITY BLOOMINGTON

Fall 2018 Associate Instructor, Informatics Capstone I: Design and Development of an Information System

APPALACHIAN STATE UNIVERSITY

2015-2016 Computer Science Tutor, Appalachian State University
2013 Lab Assistant, Computer Science I and II

GUEST LECTURES

Spring 2018 Invited presenter and discussion leader in the *Introduction to Informatics* course at Indiana University Bloomington

Service

REVIEWING

(Year of first review): *Public Library of Science (PLOS) One* (2017); *Journal of Informetrics* (2017); *Journal of the Association for Information Science & Technology* (2017)

SCHOOL (INDIANA UNIVERISTY BLOOMINGTON)

2017-2018 Representative, Graduate and Professional Student Government, Indiana University Bloomington
2017 Publicity Chair, Graduate Informatics Student Association, Indiana University Bloomington
2016 Social Chair, Graduate Informatics Student Association, Indiana University Bloomington

PROFESSIONAL ORGANIZATIONS

2018 - present Member, Society for the Social Studies of Sciences
2017 - present Member, International Society for Scientometrics and Informetrics