

**GRETCHEN R. STAHLMAN, PH.D.**

*Assistant Professor*  
Florida State University  
School of Information  
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**EDUCATION**

**University of Arizona**, Tucson, AZ

- **PhD**, Information, May 2020, Dissertation: "Exploring the Long Tail of Astronomy: A Mixed-Methods Approach to Searching for Dark Data"

**Clarion University of Pennsylvania**, Clarion, PA

- **MS**, Library Science, August 2010

**New Mexico Institute of Mining and Technology**, Socorro, NM

- **BS**, General Studies, *graduated with honors*, December 2006
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**APPOINTMENTS**

**Florida State University College of Communication & Information**, Tallahassee, FL

- **Assistant Professor (tenure track)** – *School of Information*  
August 2023 – present

**Rutgers University School of Communication & Information**, New Brunswick, NJ

- **Assistant Professor (tenure track)** – *Department of Library & Information Science*  
May 2020 – June 2023
  - **Adjunct Assistant Professor** – *Department of Library & Information Science*  
September 2019 – May 2020
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**PEER REVIEWED JOURNAL ARTICLES**

*PUBLISHED*

**Stahlman, G. R.** (2022). From nostalgia to knowledge: Considering the personal dimensions of data lifecycles. *Journal of the Association for Information Science and Technology*, 73(12), 1692-1705. <https://doi.org/10.1002/asi.24687>

Heidorn, P. B., **Stahlman, G. R.**, & Steffen, J. (2018). Astrolabe: Curating, linking, and computing astronomy's dark data. *The Astrophysical Journal Supplement Series*, 236 (1), 3.

Brooks, C. F., Heidorn, P. B., **Stahlman, G. R.**, and Chong, S. S. (2016). Working beyond the confines of academic discipline to resolve a real-world problem: A community of scientists discussing long-tail data in the cloud. *First Monday*.

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## CONFERENCE PROCEEDINGS AND POSTERS (\* peer reviewed)

\***Stahlman, G.R.** (2023). Is there a scientific digital divide? Information seeking in the international context of astronomy research. In *International Conference on Information* (pp. 514-523). Cham: Springer Nature Switzerland.

\***Stahlman, G.R.** (2022). On the Reliability of Funding Acknowledgements as Research Data: Evidence from Astronomy. *Proceedings of the Association for Information Science and Technology*, 59(1), 806-808.

\***Stahlman, G.R.** (2022). Evaluating the (in)accessibility of data behind papers in astronomy. *arXiv preprint arXiv:2209.04543*. [Paper presented at *International Digital Curation Conference*, June 13-16, 2022]

\***Stahlman, G. R.** (2022). Illuminating the characteristics and accessibility of data behind papers. *Bulletin of the American Astronomical Society*, 54(2). [Paper presented at *Library and Information Services in Astronomy IX* (LISA 9), June 14-18, 2021, Royal Astronomical Society, London, UK]

\* Accomazzi, A., Bouquin, D., D'Abrusco, R., Derriere, S., Frey, K., Kern, B., ... & Williams, P. K. (2022). Building the UAT as a community. *Bulletin of the American Astronomical Society*, 54(2). [Paper presented at *Library and Information Services in Astronomy IX* (LISA 9), June 14-18, 2021, Royal Astronomical Society, London, UK]

Stone Wolbrecht, T., Fuka, D., **Stahlman, G.**, Tuddenham, P., McGranaghan, R., Uzzo, S., ... & Zaslavsky, I. (2022, June). NEREID: Convergence in the Spaces Between Earth and Space Science. In *American Astronomical Society Meeting Abstracts* (Vol. 54, No. 6, pp. 229-06).

Wolbrecht, T., Catricheo, Y., Cramer, C., Fuka, D. R., Lockett, D., Reid, B., ... & Uzzo, S. M. (2021, December). How Virtual Networking Events Can Catalyze Convergence. In *AGU Fall Meeting 2021*. AGU.

Cramer, C., Fuka, D., **Stahlman, G.**, Tuddenham, P., McGranaghan, R., Uzzo, S., Wolbrecht, T.S., Spuck, T., Catricheo, Y. & Zaslavsky, I. (2021, December). NEREID: Converging in the Spaces Between. In *AGU Fall Meeting 2021*. AGU.

Spuck, T. & **Stahlman, G.R.** (2021). Growing the "Network for Earth-space Research Education and Innovation with Data" (NEREID). *Library and Information Services in Astronomy IX* (LISA 9), June 14-18, 2020, Royal Astronomical Society, London, UK. [Poster Presentation]

\* **Stahlman, G. R.**, & Heidorn, P. B. (2020). Mapping the "long tail" of research funding: A topic analysis of NSF grant proposals in the division of astronomical sciences. *Proceedings of the Association for Information Science and Technology*, 57(1), e276.

**Stahlman, G.R.** (2020). The literature as a gateway to data across domains: Comparing the information behavior of scientists locating data for reuse while reading journal articles. *Ecological Society of America (ESA) Annual Meeting*, August 2-7, 2020. [Poster Presentation]

Cramer, C.B., Uzzo, S.M., Fuka, D., Naum, K., Spuck, T. & Tuddenham, P., eds (2020). *Network for Earth-space Research Education and Innovation with Data (NEREID) NSF Workshop Report*, November 20-22, 2019 [White Paper].

\* **Stahlman, G. R.**, & Sheffield, C. (2019). Geoparsing biodiversity heritage library collections: A preliminary exploration. *iConference 2019 Proceedings*. <https://www.ideals.illinois.edu/handle/2142/103357>

\* **Stahlman, G.R.**, Heidorn, P.B., Steffen, J. (2018). The Astrolabe Project: Identifying and curating astronomical 'dark data' through development of cyberinfrastructure resources. *EPJ Web of Conferences*, 186, 03003. <https://doi.org/10.1051/epjconf/201818603003>

\* Brooks, C., Heidorn, P. B., **Stahlman, G.**, & Chong, S. (2016). Discourses, a community of scientists and long-tail data in the cloud. *AoIR Selected Papers of Internet Research*, 5.

Heidorn, P.B. and **Stahlman, G.R.** (2016). The Astrolabe Project: Cloud-based Curation of Data and Software Using Interdisciplinary Infrastructures. Poster presentation at The Science of Consciousness, Tucson, AZ, April 25-30, 2016.

\* Heidorn, P.B., **Stahlman, G.R.**, and Chong, S. (2015). Datasphere at the Biosphere II: Computation and data in the wild. Poster presentation at iConference, Newport Beach, CA, March 25-26, 2015.

\* Bhatia, R., et al. (2012). System engineering of the Atacama Large Millimeter/submillimeter Array. *Proceedings of the International Society for Optics and Photonics*, volume 8449. doi: 10.1117/12.926822.

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## INVITED TALKS

**Stahlman, G.** (2023). "Understanding and supporting healthy information lifecycles across scientific knowledge contexts", Invited Research Talk. University of North Carolina – Chapel Hill, School of Information and Library Sciences, Chapel Hill, NC, January 17, 2023.

**Stahlman, G.** (2023). "Understanding and supporting healthy information lifecycles across scientific knowledge contexts", Invited Research Talk. Florida State University, School of Information, Tallahassee, FL, January 12, 2023.

**Stahlman, G.** (2022). "From curation to convergence: Probing the phases of scientific information", Invited Research Talk. Indiana University Luddy School of Informatics, Computing, & Engineering, Department of Information & Library Science, Bloomington, IN, February 7, 2022.

**Stahlman, G.R.** (2019). Discovering dark data through the lens of the literature. *Network for Earth-space Research, Education and Innovation with Data (NEREID) Workshop*, November 21, 2019, Green Bank Observatory, Green Bank, WV. <https://sites.google.com/view/nereid2019/>

**Stahlman, G.R.** (2019). Exploring the Long Tail of astronomy. *Petabytes to Science: Data Inclusion Revolution*, November 6, 2019, Cambridge, MA. <https://petabytestoscience.github.io/workshop-iii>

**Stahlman, G.** (2019). "Discovering Dark Data Through the Lens of the Scholarly Literature", Invited Research Talk. University of Michigan School of Information, Ann Arbor, MI, February 13, 2019.

**Stahlman, G.** (2018). "Discovering Data Hidden in the Scholarly Literature", Invited Research Talk. Rutgers School of Communication and Information, New Brunswick, NJ, November 29, 2018.

Heidorn, P.B. & **Stahlman, G.R.** (2018). "Astrolabe: Building on Collaborative Networks", Invited Plenary Talk. ESIP Summer Meeting, Tucson, AZ, July 18, 2018.

**Stahlman, G.R.** (2017). "Exploring the 'Long Tail' of Astronomy Data through Cyberinfrastructure Development", Invited Colloquia Talk, Center for Digital Society and Data Studies, Tucson, AZ, February 3, 2017.

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## HONORS

- **2021 SC&I Faculty Service Award**, awarded by Rutgers University Library & Information Science Department, **2021**
  - **Director's List of Outstanding Ph.D. Students**, awarded by University of Arizona School of Information Awards Committee, **May 2019**
  - Admitted to **2019 iConference Doctoral Colloquium, March 31 – April 3, 2019**, Washington, DC
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## GRANTS

### *PRINCIPAL INVESTIGATOR*

- **Institute for Museum & Library Services**, Principal Investigator, with Inna Kouper (co-PI). "*Cultivating equitable and sustainable ecosystems for legacy research data*", National Leadership Grants for Libraries. **(\$194,634)**
- **National Science Foundation**, co-Principal Investigator, with Tim Spuck (PI), Tiffany Stone Wolbrecht (co-PI), Yasmin Catricheo (co-PI), Kelly Blumenthal (co-PI). "*Accel-Net-Implementation: The Global Network for Accelerating Synergies Through Research On Astronomy Culture, Communication, Education and Learning (ASTRO ACCEL)*", AccelNet - Accelerating Research through International Networks. **(\$1,590,194)**
- **Robert Wood Johnson Foundation**, co-Principal Investigator, with Itzhak Yanovitzky (PI). "Addressing the Sustainability and Continued Development of Health-Related National Dashboards Through a Descriptive Analysis of the Ecosystem". **(\$268,088)**
- **COVID Impact on Scholarly Productivity Faculty Grant** awarded by Rutgers University, New Brunswick Chancellor-Provost and Deans, **May 2021 (\$5,000)**
- **Dissertation Research Grant** awarded by University of Arizona Social and Behavioral Sciences Research Institute (SBSRI) **(\$1986), March 2018**
- School of Information **PhD Travel Grant (\$800)** awarded for travel to Library and Information Services in Astronomy (LISA VIII) conference in Strasbourg, France, **June 2017**
- **Graduate and Professional Student Council (GPSC) Research and Project Grant** awarded for purchase of equipment **(\$1065), December 2014**

### *CONTRIBUTOR/NAMED PERSONNEL*

- **NSF SI2-SSE award #1642446**, 2016-2019, "Visualizing Astronomy Repository Data using WorldWide Telescope Software Systems" **(\$499,997)**
  - **Accelerate for Success Grant**, University of Arizona, January – December 2016 **(\$171,192)**
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## FELLOWSHIPS AND OTHER SUPPORT

- **Mission Patagonia Expedition** invited participant, supported by Associated Universities, Inc. and Fundación MERI, **November-December, 2022**
- **LEADS Fellowship** awarded by LEADS-4-NDP program and Drexel University (**\$5,000**), **Summer 2018**
- **SBS Summer Dissertation Fellowship** awarded by University of Arizona (\$5,000; declined award to accept LEADS Fellowship)
- Full scholarship and travel support awarded by National Optical Astronomy Observatory to attend the **La Serena School of Data Science** in La Serena, Chile, **August 2015**
- **Research Development Fellowship** awarded by University of Arizona Office for Research & Discovery, **2015-2016** academic year
- Support awarded by National Optical Astronomy Observatory to attend **Thirty Meter Telescope annual science forum**, **June 2015**

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## CONFERENCE AND WORKSHOP PRESENTATIONS

Reid R. (Chair), Greenspoon, D., Merchant, N., Ogle, M., **Stahlman, G.** (2023, June 12). *Our Changing Planet: Life, Earth & Other Worlds* [Panel Discussion]. NEREID Summit, Washington, D.C.

**Stahlman, G.R.** (2021, September 30). Banned books in the history of astronomy. *Banned Books Week 2021*, Rutgers University, New Brunswick, NJ.

Brody S. (Chair), Drabinski, E., Palumbo, L., **Stahlman, G.**, Womack, R. (2021, April 27). *Can you be a Master of Information? An early-career librarian asks the experts about ethics and trends in LIS* [Panel Discussion]. MI Colloquia, Rutgers University, New Brunswick, NJ.

**Stahlman, G.R.** (2020). Geoparsing Biodiversity Heritage Library collections. *LIS Education and Data Science for the National Digital Platform (LEADS-4-NDP) Forum*, January 24, 2020, Philadelphia, PA.

**Stahlman, G.R.** (2019). *New Faculty Colloquium*. Rutgers School of Communication and Information, New Brunswick, NJ, September 4, 2019.

**Stahlman, G.R.** (2018). Text mining for the dark data hidden in astronomical literature. *Computational Social Science Mini-Conference*, October 26, 2018, Tucson, Arizona.

**Stahlman, G.R.** (2017). Identifying and curating astronomical “dark data” through development of cyberinfrastructure resources. *Library and Information Services in Astronomy VIII (LISA VIII)*, June 7-9, 2017, Strasbourg, France.

**Stahlman, G.R.** (2016). “Navigating Astronomical Dark Data through Advanced Cyberinfrastructure”, American Astronomical Society Author-Referee Workshops at *Division for Planetary Sciences Annual Meeting and California Institute of Technology*, Pasadena, CA, October 2016.

Heidorn, P.B. and **Stahlman, G.R.** (2016). *Astrolabe Workshop*, July 11-12, 2016, Tucson, AZ.

Heidorn, P.B. and **Stahlman, G.R.** (2015). *Arizona Astronomy Data Hub Workshop*, July 6-7, 2015, Tucson, AZ.

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## ADDITIONAL SELECTED WRITING (COMMUNITY ENGAGED SCHOLARSHIP)

“Considering the personal dimensions of researchers’ data lifecycles. *Information Matters*, August 11, 2022 (<https://informationmatters.org/2022/08/considering-the-personal-dimensions-of-researchers-data-lifecycles/>)

“Onward for ‘On Tap!’”, *NEREID Blog*, August 25, 2021 (<https://www.earthspacenet.org/post/onward-for-on-tap>)

“NEREID launches new ‘On Tap!’ series to explore earth-space convergence”, *NEREID Blog*, May 15, 2021 (<https://www.earthspacenet.org/post/nereid-launches-new-on-tap-series-to-explore-earth-space-convergence>)

“My experience as a LEADS Fellow with BHL”, *Biodiversity Heritage Library Blog*, September 18, 2018 (<https://blog.biodiversitylibrary.org/2018/09/my-experience-as-a-leads-fellow-with-bhl.html>)

“Chile launches bi-lateral research foundation with United Kingdom,” *The Santiago Times*, Santiago, 2012

“Hot science in the classroom: One high school science teacher’s dream come true,” Astronomical Society of the Pacific, *Mercury Magazine*, Summer 2007

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## GRADUATE RESEARCH EXPERIENCE

- *Research Assistant, Grant Writing Support* – University of Arizona School of Information, Tucson, Arizona, January 2019 – May 2019
- *LEADS Fellow – Smithsonian Biodiversity Heritage Library*, May 2018 – September 2018
- *Astrolabe Graduate Research Associate* – University of Arizona School of Information, Tucson, Arizona, August 2015 – August 2017
- *Research Development Fellow* – University of Arizona Office for Research and Discovery, Tucson, Arizona, July 2015 - July 2016
- *Graduate Assistant – American Astronomical Society*, Tucson, Arizona, May 2015 - August 2015
- *Graduate Student Intern – Vera C. Rubin Observatory (LSST)*, Tucson, Arizona, May 2014 – August 2014
- *Graduate Research Assistant* – University of Arizona School of Information Resources and Library Science (SIRLS), Tucson, Arizona, August 2013 – May 2014

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## TEACHING EXPERIENCE

### COURSES TAUGHT

#### Rutgers School of Communication & Information, New Brunswick, New Jersey

| Semester/Year | Course Title                        | Modality | # Enrolled |
|---------------|-------------------------------------|----------|------------|
| Spring 2023   | LIS 566: Digital Curation           | Online   | 21         |
|               | LIS 510: Human Information Behavior | Online   | 19         |
| Fall 2022     | LIS 553: Digital Libraries          | Online   | 14         |
|               | LIS 566: Digital Curation           | Online   | 15         |

| Semester/Year | Course Title                        | Modality | # Enrolled |
|---------------|-------------------------------------|----------|------------|
| Spring 2022   | LIS 520: Organizing Information     | Online   | 22         |
|               | LIS 566: Digital Curation           | Online   | 22         |
| Fall 2021     | LIS 520: Organizing Information     | Online   | 22         |
| Spring 2021   | LIS 520: Organizing Information     | Online   | 23         |
|               | LIS 510: Human Information Behavior | Online   | 21         |
| Fall 2020     | LIS 520: Organizing Information     | Online   | 23         |
|               | ITI 200: Social Informatics         | Online   | 30         |
| Spring 2020   | LIS 510: Human Information Behavior | Online   | 18         |
|               | ITI 200: Social Informatics         | Hybrid   | 35         |
| Fall 2019     | LIS 510: Human Information Behavior | Online   | 21         |

**University of Arizona School of Information, Tucson, Arizona**

| Semester/Year | Course Title                                  | Modality  | # Enrolled |
|---------------|---|-----------|------------|
| Summer 2020   | LIS 515: Organization of Information          | Online    | 35         |
| Summer 2019   | ESOC 211: Collaborating in Online Communities | Online    | 26         |
| Fall 2018     | ESOC 211: Collaborating in Online Communities | Online    | 38         |
| Summer 2018   | ESOC 211: Collaborating in Online Communities | Online    | 21         |
| Spring 2018   | ESOC 211: Collaborating in Online Communities | In-person | 40         |
| Fall 2017     | ESOC 211: Collaborating in Online Communities | Online    | 39         |
| Summer 2017   | ESOC 211: Collaborating in Online Communities | Online    | 14         |

*GRADUATE TEACHING ASSISTANTSHIPS*

- ESOC 210, *Hacking and Open-Source Culture*, Spring 2015 (taught by Dr. Cheryl Knott)
- HNRS 150b, *Exploring Electronic Presence*, Spring 2015 (taught by Dr. Victor Braitberg)
- ESOC 150b, *Social Media and Ourselves*, Fall 2014 (taught by Dr. Laura Lenhart)
- IRLS 474/575, *User Interfaces and Web Design*, Fall 2014 (taught by Dr. Martin Frické)
- IRLS 515, *Organization of Information*, Fall 2014 (taught by Dr. Martin Frické)
- IRLS 506, *Introduction to Research*, Fall 2014 (taught by Dr. Martin Frické)

**PROFESSIONAL EXPERIENCE**

- *Writer and Web Editor* - The Santiago Times, Santiago, Chile, May 2012 – January 2013
- *Document Specialist*, System Engineering - Atacama Large Millimeter/submillimeter Array, Santiago, Chile, February 2012 - July 2012
- *Technical Writer and Documentation Specialist*, ALMA Back End IPT - National Radio Astronomy Observatory, Socorro, NM, USA, January 2007 - August 2011
- *Assistant Circulation Supervisor* - New Mexico Institute of Mining and Technology Joseph R. Skeen Library, Socorro, NM, USA, August 2001 - March 2007

## GUEST LECTURES

Guest Lectures for Jen Theiss (Communication, Information and Media Pro-Seminar), Rutgers University, September 2020; November 2021

*Open science, data sharing and astronomy as a case study.* Guest Lectures for Emil Lawrence (Human Information Behavior), Rutgers University, December 2019; April 2020.

*Data Sharing, Part II: The Long Tail of science and astronomy as a case study.* Guest Lecture for Marie Radford (Theories and Issues in Library Studies), Rutgers University, November 2019.

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## PROFESSIONAL SERVICE: BROADER RESEARCH COMMUNITY

### JOURNAL REVIEWING

|        |  |
|--------|--|
| • 2022 | <b>Frontiers</b> in Physiology                                 |
| • 2020 | Bulletins of the American Astronomical Society ( <b>BAAS</b> ) |

### CONFERENCE REVIEWING

|              |   |
|--------------|---|
| • 2023       | <b>ASIS&amp;T</b>   |
| • 2022       | <b>ACM CHI</b> Conference on Human Factors in Computing Systems |
| • 2019-2023  | <b>iConference</b>  |
| • 2019, 2022 | Libraries in the Digital Age ( <b>LIDA</b> )                    |

### BOARD AND COMMITTEE MEMBERSHIPS

|                |   |
|----------------|---|
| • 2021-present | Unified Astronomy Thesaurus ( <b>UAT</b> ) <b>Steering Committee</b>  |
| • 2020-present | LIS Education And Data Science-Integrated Network Group ( <b>LEADING</b> ), <b>Diversity and Inclusivity Task Force</b> |
| • 2021-2023    | Network for Earth-space Research, Education and Innovation with Data ( <b>NEREID</b> ) <b>Governing Council</b>         |
| • 2021-2023    | Network for Earth-space Research, Education and Innovation with Data ( <b>NEREID</b> ) <b>Planning Committee</b>        |
| • 2017-2020    | WorldWide Telescope ( <b>WWT</b> ) <b>Advisory Board</b>  |
| • 2016-2018    | <b>Astrolabe Advisory Board</b> (contributor)   |

### GROUP FACILITATION

|                 |   |
|-----------------|---|
| • Jan. 19, 2022 | <b>NEREID: Convergence On Tap!: Anarchy in the Sea and Sky?</b>     |
| • Sep. 23, 2021 | <b>NEREID: Convergence On Tap!: Secret Oceans: Below and Beyond</b> |



|                 |   |
|-----------------|---|
| • May 26, 2021  | <b>NEREID: Convergence On Tap!: <i>Sea the Stars</i></b>  |
| • April 7, 2021 | National Science Foundation ( <b>NSF</b> ) <b>Large Facilities Workshop: <i>The Role of Communications, Education and Public Outreach During and After COVID-19</i></b> |
| • Mar. 31, 2021 | <b>NEREID: Convergence On Tap!: <i>Interdisciplinarity and convergence science: What do we mean?</i></b>  |

*AFFILIATIONS*

- American Library Association (ALA)
- Association for Information Science & Technology (ASIS&T)
- Association for Library and Information Science Education (ALISE)
- Network for Earth-space Research, Education and Innovation with Data (NEREID)
- Oil Region Astronomical Society (ORAS)
- Research Data Alliance (RDA)
- Science Communication Initiative (Rutgers University, faculty affiliate)

**PROFESSIONAL SERVICE: RUTGERS UNIVERSITY**

|             |   |
|-------------|---|
| • 2021-2023 | Co-Advisor (with Marie Radford), <b>Student College, Academic, and Research Libraries Association (SCARLA)</b> (Library & Information Science Department) |
| • 2020-2023 | <b>LIS Scholarships Committee</b> (Library & Information Science Department)  |