

Kathleen M. Gregory

kathleen.gregory@univie.ac.at | kathleen-gregory.com

APPOINTMENTS

- 12/2021 – present Postdoctoral researcher
Faculty of Computer Science / Department of Science & Technology Studies
University of Vienna
- 03/2021 – present Postdoctoral research fellow
School of Information Studies, University of Ottawa, Ottawa (Canada)

AFFILIATIONS

- 12/2021 – present Visualization and Data Analysis Lab, Faculty of Computer Science, University of Vienna
Department of Science & Technology Studies, Faculty of Social Sciences, University of Vienna
- 11/2020 – present School of Information Studies, University of Ottawa, Ottawa (Canada)
Scholarly Communications Lab, Ottawa/Vancouver (Canada)
- 2021– 2022 Guest research fellow
Data Archiving and Networked Services (DANS), Royal Netherlands Academy of Arts and Sciences,
The Hague, Netherlands

HIGHER EDUCATION

- 2017-2021 Ph.D., Science and Technology Studies, *cum laude*¹
“Findable and reusable? Data discovery practices in research”
Maastricht University, Maastricht, Netherlands
Supervised by Prof. Dr. Sally Wyatt (Maastricht University) & Prof. Dr. Paul Groth (University of Amsterdam); co-supervisor Dr. Andrea Scharnhorst (DANS)
- 2008-2010 Master of Science, Library and Information Science (MSLIS)
Drexel University, Philadelphia, Pennsylvania, USA
Grade Point Average: 3.97/4.0
- 2000-2002 Master of Arts, Education
University of Colorado, Boulder, Colorado, USA
Grade Point Average: 4.0/4.0
- 1995-1999 Bachelor of Science, Neuroscience, *magna cum laude*
Regis University, Denver, Colorado, USA

ADDITIONAL TRAINING

- 2017-2019 Netherlands Graduate Research School of Science, Technology & Modern Culture (WTMC)
Ravenstein, Netherlands

¹ A distinction granted to less than 10% of all Ph.D. dissertations in the Netherlands

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- 08/2018 CWTS Scientometrics Summer School, taught by Vincent Larivière, Cassidy Sugimoto, Vincent Traag & Ludo Waltman
Leiden University, Netherlands
- 2018 Information Visualization MOOC, taught by Katy Börner
Indiana University, Online
- 2017 Statistics with R, Coursera Specialization, taught by Mine Çetinkaya-Rundel
Duke University, Online
- 2017 Successful Grant Writing, 2-day Workshop, taught by Louise Mennen
Amsterdam, Netherlands
- 09/2016 European Summer School for Scientometrics
Granada, Spain

PROFESSIONAL EXPERIENCE

- 12/2021 – present Postdoctoral researcher
Faculty of Computer Science / Department of Science & Technology Studies
University of Vienna
- Project: *Talking Charts (Co-PI)*; investigated how data visualizations related to COVID-19 and climate change are produced and understood
<https://talking-charts.vda.univie.ac.at/talkingcharts.html>
- 03/2021 – present Postdoctoral research fellow
Scholarly Communications Lab, University of Ottawa, Canada
- Project: *Meaningful Data Counts*; investigated practices of data citation and reuse via scientometric and qualitative methods
<https://www.scholcommlab.ca/research/data-citation/>
- 09/2020 – 03/2021 Expert Research Consultant
European Open Science Cloud (EOSC), project led by Federation of Finnish Learned Societies and Finnish National Open Science Coordinator
- Co-creation projects: *European Overview of Career Merit Systems & Vision for Research Data in Research Careers*
<https://avointiede.fi/en/networks/eosc-co-creation>
- 2017-2020 Researcher, Ph.D. Candidate
Data Archiving and Networked Services (DANS), Royal Netherlands Academy of Arts and Sciences, The Hague, Netherlands
- Project: *Re-SEARCH: Contextual Search for Research Data*; doctoral research investigated practices of data discovery, sensemaking and reuse
- 2015-2016 Bibliometric Services and Civil & Environmental Engineering Librarian
Technical University of Munich, Munich, Germany
Rank: E13, permanent position

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Project: Designed bibliometrics and research impact consultation services; performed bibliometric research for university leadership; developed and taught bibliometric and information literacy courses in German and in English

2014-2015 Literacy, Programming & Outreach Librarian
Stuttgart Army Library, Stuttgart, Germany

2012-2014 Science & Engineering Reference Librarian
University of Denver, Denver, Colorado, USA
Rank: Assistant Professor, Libraries

Projects, Research: Scientific information literacy, research data management, responsible use of laboratory animals in research

Projects, Teaching & Libraries: Quadrupled number of STEM information literacy workshops and courses; collections development of entire STEM budget; in-depth research consultations

2007-2009 Library Technician
Stuttgart Army Library, Stuttgart, Germany

2002-2004 Chemistry Educator
Regis Jesuit High School, Denver, Colorado, USA

PUBLICATIONS

DOCTORAL DISSERTATION

Gregory, K. (2021). Findable and reusable? Data discovery practices in research. Maastricht University.
<https://doi.org/10.26481/dis.20210302kg>

JOURNAL ARTICLES (PEER-REVIEWED)

1. *Koesten, L.*, **Gregory, K.***, Groth, P., Simperl, E. (2021). Talking datasets: Understanding data sensemaking behaviours. *International Journal of Human-Computer Studies*, 146. <https://doi.org/10.1016/j.ijhcs.2020.102562>. ***Equal contributions.**
2. Gregory, K. (2020). A dataset describing data discovery and reuse practices in research. *Scientific Data*, 7(1), 1-11. <https://doi.org/10.1038/s41597-020-0569-5>
3. Gregory, K., Groth, P., Scharnhorst, A., Wyatt, S. (2020). Lost or found? Discovering data needed for research. *Harvard Data Science Review*. <https://doi.org/10.1162/99608f92.e38165eb>
4. Gregory, K., Cousijn, H., Groth, P., Scharnhorst, A., Wyatt, S. (2019). Understanding data search as a socio-technical practice. *Journal of Information Science*. <https://doi.org/10.1177/0165551519837182>
5. Gregory, K., Groth, P., Cousijn, H., Scharnhorst, A., Wyatt, S. (2019). Searching data: A review of observational data retrieval practices in selected disciplines. *Journal of the Association of Information Science and Technology*. <https://doi.org/10.1002/asi.24165>

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6. Gregory K, Khalsa S.J, Michener W.K., Psomopoulos F.E, de Waard A., Wu, M. (2018) Eleven quick tips for finding research data. *PLoS Comput Biol* 14(4): e1006038. <https://doi.org/10.1371/journal.pcbi.1006038>
7. Gregory, K. (2013). Laboratory logistics: Strategies for integrating information literacy instruction into science laboratory classes. *Issues in Science & Technology Librarianship*, 74. [doi:10.5062/F49G5JSJ](https://doi.org/10.5062/F49G5JSJ).

CONFERENCE PROCEEDINGS (PEER-REVIEWED)

1. Liu, Y.-H., Chen, H.-L., Kato, M.P., Wu, M. and **Gregory, K.** (2021), Data Discovery and Reuse in Data Service Practices: A Global Perspective. *Proceedings of the Association for Information Science and Technology*, 58: 610-612. <https://doi.org/10.1002/pr2.510>
2. Ninkov, A., **Gregory, K.**; Peters, I., Haustein, S. (forthcoming). Datasets on DataCite – An initial bibliometric investigation. *Proceedings of the 18th International Conference of the International Society for Scientometrics and Informetrics*, Leuven, Belgium (virtual). Preprint: <https://doi.org/10.5281/zenodo.4730857>
3. Manola, N.; Mutschke, P.; Scherp, G.; Tochtermann, K.; Wittenburg, P.; **Gregory, K.**; Hasselbring, W.; den Heijer, K.; Manghi, P.; Van Uytvanck, D. (2020). Implementing FAIR data infrastructures. *Dagstuhl Perspectives Workshop 18472*; 1-34. <https://drops.dagstuhl.de/opus/volltexte/2020/13237/pdf/DagMan-8-1-1.pdf>
4. Leiß, C. & **Gregory, K.** (2016). Visibility and Impact of Research: Bibliometric Services for University Management and Researchers. *Proceedings of the IATUL Conferences. Paper 3*. <http://docs.lib.purdue.edu/iatul/2016/plenary/3>.

BOOK CHAPTERS

1. Gregory, K.; Groth, P., Scharnhorst, A., Wyatt, S. (forthcoming) The mysterious user of research data: Knitting together Science and Technology Studies with Information and Computer Science. In Bijsterveld, K. & Swinnen, A. (Eds). *Interdisciplinarity by example*. Palgrave.
2. Siebes, R.; Coen, G.; **Gregory, K.**; Scharnhorst, A. (2021). Publishing linked open data. In Smiraglia, R., & Scharnhorst, A. (Eds). *Linking knowledge: Linking open data for knowledge organization and visualization*. (1st ed., pp. 218-232). Ergon Verlag. <https://doi.org/10.5771/9783956506611-218>

DATASETS

1. Gregory, K. (2020). Data discovery and reuse practices in research [dataset]. *Data Archiving and Networked Services (DANS)*. <https://doi.org/10.17026/dans-xsw-kkeq>

REPORTS

1. Mustajoki, H., Pölonen, J., **Gregory, K.**, Ivanović, D., Brasse, V., Kesäniemi, J., Koivisto, E., & Pylvänäinen, E. (2021). *Making FAIRer assessments possible. Final report of EOSC Co-Creation projects: "European overview of career merit systems" and "Vision for research data in research careers."* <https://doi.org/10.5281/zenodo.4701375>

OUTREACH & OPINION

1. Gregory, K. & Ninkov, A. (2021, July). Data citations in context: We need disciplinary metadata to move forward. [Blog post]. Retrieved from: <https://makedatacount.org/2021/07/14/data-citations-in-context-we-need-disciplinary-metadata-to-move-forward/>
2. Gregory, K. (2020, July 14). Discovering and reusing data: Putting research into practice [Blog post]. Retrieved from: <https://bit.ly/3h0li0r>.
3. Koesten, L. & **Gregory, K.** (2020, March 18). Talking datasets [Blog post]. Retrieved from: <http://datastories.co.uk/news/talking-datasets>.
4. Gregory, K. (2020). Hoe zoeken gebruikers naar data van andere onderzoekers? *E-data & Research*, 14(3). <https://www.edata.nl/1403/pdf/1403.pdf>
5. Siebes, R., Coen, G., **Gregory, K.**, Scharnhorst, A. (2019). Linked Open Data – 10 Things to reach the realm of LOD. Part of Top 10 FAIR Data and Software Things. <http://doi.org/10.5281/zenodo.3471806>
6. Gregory, K. (2013). There is no escape: What Google can teach instruction librarians. *Issues in Science & Technology Librarianship*, 72. doi:10.5062/F45B00C1

MEDIA COVERAGE

1. Tóth-Czifra, E. (2020, June 30). Open scholar stars interview series: Interview with **Kathleen Gregory** [published interview]. Retrieved from: <https://dariahopen.hypotheses.org/886>
2. Sturges, Lilah (2017, November 17). The new faces of data science [published interview]. Retrieved from: <https://www.elsevier.com/connect/the-new-faces-of-data-science>

PRESENTATIONS

INVITED CONFERENCE PRESENTATIONS

1. Gregory, K. (2021, October). Placing data citations in context: A bibliometrics perspective. Presented at Research Data Alliance 18th Plenary Meeting, online. <https://doi.org/10.5281/zenodo.5675953>
2. Gregory, K. (2021, October). Users and their meta data needs. Presented at ASIS&T 2021 Annual Meeting, Salt Lake City/online.
3. Gregory, K. (2021, July). Bringing data in sight: Data citations in research. Presented at Forum Bibliometrie 2021, Technical University of Munich, online. <https://www.ub.tum.de/forum-bibliometrie-2021>
4. Gregory, K. (2020, November). Sensemaking through storytelling: Understanding data for reuse. Presented at Data Stories Symposium, online. <http://datastories.co.uk/symposium/>
5. Gregory, K., Groth, P. (2019, October). Seeking data: A use (user) case. Presented at Kick-off Meeting for GO Inter Implementation Network, Cologne, Germany
6. Gregory, K. (2019, March). Findable and Reusable? A sociotechnical perspective on data search and reuse. Presented at International Open Science Conference, Berlin, Germany. Slides available at: <https://www.open-science-conference.eu/wp-content/uploads/2019/03/Kathleen-Gregory.pdf>

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7. Gregory, K. (2017, February). Where are my data? Steps to improve a data search engine. Presented at 4th Annual KnowEscape Conference, Sofia, Bulgaria.
8. Gregory, K. (2013, June). Searching the literature: A librarian's perspective on alternatives to animal testing. Presented at the IACUC Administrator's Best Practices Meeting, Denver, CO.

INVITED TALKS AND LECTURES

1. Gregory, K. (2022, February). The flip side of FAIR: How do researchers find and reuse data? Presented at FAIR Coffee Lecture Series, Maastricht University, online.
2. Gregory, K. (2021, December). Stories of seeking data: Data discovery practices in research. Presented at Data, Archives, and Information Seminar (DAIS), University of Michigan, online.
3. Gregory, K. (2021, October). The hidden work of sharing and reusing data: The researchers' perspective. University of Antwerp, Open Access Week, online.
4. Gregory, K. (2021, October). Disciplining Data. Presented at CAPTURE Talk Series, Uppsala University, online <https://doi.org/10.5281/zenodo.5556994>
5. Gregory, K. (2021, January). Lessons learned: Approaches and results for studying data discovery practices. Presented at GESIS Seminar Series, online.
6. Gregory, K.; Glas, C.; Cepinskas, L. (2020, November). FAIR-Aware: From depositing to discovering data. Presented at The Netherland Data Prize: Together We Share, online. <https://researchdata.nl/diensten/dataprijs>
7. Gregory, K. (2020, October). Data needs and discovery practices: Results and design considerations. Presented at ODDISEI meeting, online.
8. Gregory, K. (2020, August). Three years of studying data discovery practices: Approaches and results. Presented at RDA Data Discovery Interests Paradigms Interest Group, User Studies, online.
9. Gregory, K. (2020, April). Reflecting on data papers. Presented at Elsevier Research Data Management Team Meeting, online.
10. Gregory, K. (2019, June). Discovering data: for reuse: Practices of data search. Presented as part of Elsevier Labs Online Lecture Series.
11. Gregory, K. (2019, April). Finding and reusing research data. Presented as part of the LIBER webinar series on research data management. Slides available at: <http://doi.org/10.5281/zenodo.2636361>. Recording available at: <https://youtu.be/6PRIf8KiFpA>
12. Gregory, K. (2014, June). Meeting requirements for alternatives searches: Information for IACUCs and investigators. Presented at National Institutes of Health (NIH) Office of Laboratory Animal Welfare Online Seminar Series. Available at: http://grants.nih.gov/grants/olaw/educational_resources.htm

CONFERENCE PRESENTATIONS

1. Gregory, K. (2019, October). Lost or found? Discovering data for research. Presented at Research Data Alliance Plenary 14, Data Discovery Paradigms Interest Group, Helsinki, Finland.

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2. Gregory, K. (2016, November). "Sie haben Post" – Bibliometrische Dienstleistungen der Universitätsbibliothek für Wissenschaft und Verwaltung der Technischen Universität München. Presented at Forum Bibliometrie, Munich, Germany.
3. Gregory, K. (2016, October). Close Collaborations: Developing Bibliometric Services for University Management and Academic Staff. Presented at IATUL Seminar: Linking Up, Cooperation Strategies in Academic Libraries, Bolzano, Italy.
4. Gregory, K., Bowers, J. (2014, July). Data management support: First steps in implementing research data services. Presented at Alliance Research Data Management Conference, Colorado Alliance of Research Libraries, Denver, CO.

POSTER PRESENTATIONS (PEER-REVIEWED)

1. Gregory, K. (2019, April). Discovering data: Practices of data search and reuse. Presented at 13th Research Data Alliance Plenary Meeting, Philadelphia, PA. Poster available at: <http://doi.org/10.5281/zenodo.2633178>
2. Gregory, K. (2014, June). Entering the fray: Strategies for beginning research data management services. Presented at ALA Annual Conference, ACRL Science and Technology Section Poster Session, Las Vegas, NV. Available at: <http://bit.ly/2arB0MU>

TEACHING

- 2021-2022 **ISI 5307: Research and Evaluation in Information Studies**
School of Information Studies, University of Ottawa, 3-hour guest lecture, 24 students
Introduction to qualitative data analysis, thematic coding and NVivo
- 2018-2019 **Data Search Practices, workshops**
Data Archiving and Networked Services (DANS; Netherlands), 1.5-hour workshops, 20-25 students per session
Program for visiting library and information science master's degree students from the University of Washington (USA)
- 2015-2016 **Visibility and Impact of Research / Sichtbarkeit und Impact von Forschung, workshops**
Technical University of Munich (Germany), seven 3-hour workshops annually, 7-15 students per session
Designed for master's degree students, Ph.D. students, faculty members and university staff; taught in German and English
- Information Resources and Strategies, Civil and Environmental Engineering, workshops**
Technical University of Munich (Germany), five 2-hour workshops annually, 7-15 students per session
Designed for Ph.D. students; taught in German and English
- 2012-2014 **Information Literacy in Biology, recurring lectures and course design**
University of Denver, recurring series of lectures/labs, 129 students in total
Co-designed series with biology faculty to embed "information literacy labs" into existing science requirement for non-science bachelor's degree students

Information Literacy in Chemistry, recurring lectures and unit design

University of Denver (USA), two 1-hour lecture/labs, 98 students in total

Co-designed unit on chemical information literacy for existing science requirement for non-science bachelor's degree students

Information Literacy in STEM, workshops

University of Denver (USA), approximately twenty 1-hour workshops annually, 20-200 students per session

Designed for bachelor's degree, master's degree and Ph.D. students

Geared toward specific courses and projects in consultation with responsible faculty

Information Literacy, general workshops

University of Denver (USA), approximately twenty 1-hour workshops annually, 15-25 students per session

Designed for bachelor's degree students

Search Strategies for Literature Reviews in the Humanities, Social Sciences and Sciences, workshops

University of Denver, two 1-hour workshops annually, 5-7 students

Designed for Ph.D. students

Teaching with Technology: Using Technology in Information Literacy Instruction, workshop

University of Denver, 1-hour workshop, 2013, 10 students

Designed for library and information science graduate students

Taking Control of Your Research Data: Data Management 101, workshop

University of Denver, two 1-hour workshops, 2014, 8-10 participants

Designed for graduate students and faculty members

Supervision of library and information science graduate students

University of Denver, four graduate students

Supervised independent projects for students in the MLIS program working at the library reference center. Example projects focused on information literacy and collections analysis

2002-2004 **General Chemistry, Honors Chemistry, Advanced Placement Chemistry**

Regis Jesuit High School (USA), year-long courses; average 20 students per class, 120 students in total

Designed for college-preparatory students

ACADEMIC SERVICE

Academic Journals Editorial board member; review editor of *Frontiers in Research Metrics & Analytics*, journal (2019 - present)

Reviewer for *Harvard Data Science Review*, *Patterns* (Cell Press), *Big Data & Society*, *Data Science Journal*, *PLoS One*, *Journal of Information Science*, *Annual Meeting of the Association for Information Science and Technology*

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Academic Conferences	<p><u>Organizer</u>, <i>Forum Bibliometrie</i> (Munich, Germany; 2016)</p> <p><u>Moderator</u>, <i>Special Libraries Association Mathematics Roundtable</i> (2014)</p>
Professional Organizations	<p><u>Co-Chair</u>, Association of College & Research Libraries/Science & Technology Division, Information Literacy Committee (2014 - 2015)</p> <p><u>Appointed committee member</u>, Association of College & Research Libraries/Science & Technology Division, Professional Development Committee (2016 - 2018)</p> <p><u>Appointed committee member</u>, Association of College & Research Libraries/Science & Technology Division, Information Literacy Committee, (2013 - 2016)</p> <p><u>Appointed committee member</u>, Special Libraries Association, Student Relations Committee (2012-2013)</p> <p><u>Member</u>, Research Data Alliance; active participant in Data Discovery Paradigms Interest Group (2017 - present)</p> <p><u>Member</u>, Association of Information Science & Technology (2017 - present)</p> <p><u>Member</u>, Netherlands Graduate Research School for Science, Technology & Modern Culture (WTMC) (2017 - present)</p>
Institutional & University Service	<p><u>Organizer, research visits</u>, Data Archiving and Networked Services (DANS), Royal Netherlands Academy of Arts and Sciences, The Hague, Netherlands (2018); organized stays for visiting researchers from the University of Denver (USA) and the Open Data Institute (UK)</p> <p><u>Chair</u>, University of Denver, University Libraries Sustainability Committee (2014)</p> <p><u>Member</u>, University of Denver, Data Visualization Steering Committee (2013-2014)</p>
Workshop & Network Contributions	<p><u>Invited contributor</u>, European Open Science Cloud (EOSC) Co-Creation workshops for <i>Getting merits for creating FAIR research data</i> and <i>Creating RESPONSIBLE career merit information</i> (2020-2021)</p> <p><u>Invited contributor</u>, GO Inter, GO FAIR implementation network (2019 – present), https://www.go-fair.org/implementation-networks/overview/go-inter/</p> <p><u>Invited contributor</u>, to Dagstuhl Perspectives Workshop on <i>Implementing FAIR Data Infrastructures</i>, https://www.dagstuhl.de/18472</p> <p><u>Contributor</u>, Library Carpentry-Mozilla Global Sprint, Top 10 FAIR Data & Software Things (2019)</p>

FUNDING & AWARDS

AWARDED

- 2021 Co-PI for WWTF Digital Humanism funding scheme Vienna, Austria
Amount awarded: 387,940 euros
Success rate: 10% of proposals received funding
- 2019 Research Data Alliance Early Career Researcher grant
Awarded amount: 1500 euros
For attendance at Research Data Alliance conference in Helsinki, Finland

APPLICATIONS (IN-PROGRESS)

- 2021 Cooperating partner*: NWA-ORC: Dutch Research Agenda, Research Along Routes by Consortia, Netherlands
*Co-applicant in pre-proposal phase; changed to cooperating partner due to job change
Requested amount: 2–5-million-euro bracket
Status: Pre-proposal submitted

LANGUAGE SKILLS

Native	English
C1, professional proficiency	German Goethe Zertifikat C1 in 2007
A1, beginner proficiency	Dutch