Manika Lamba, PhD

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Education

2019–2023	**PhD in Library and Information Science** Department of Library and Information Science, University of Delhi (India)
2017–2019	**MPhil in Library and Information Science** Department of Library and Information Science, University of Delhi (India)
2015–2017	**Master of Library and Information Science** Department of Library and Information Science, University of Delhi (India)
2015–2016	**Bachelor of Library and Information Science** Department of Library and Information Science, University of Delhi (India)
2012–2014	**MS Plant Biotechnology** Department of Biotechnology, TERI School of Advanced Studies (India)
2009–2012	**BS (H) Biochemistry** Department of Biochemistry, Daulat Ram College, University of Delhi (India)

Appointments

2024–Present	**Assistant Professor**, School of Library and Information Studies, University of Oklahoma **Faculty Affiliate, Data Institute for Societal Challenges (DISC)** **Faculty Affiliate, Institute for Community and Society Transformation (ICAST)** **Faculty Affiliate, Data Scholarship Program (DSP)**
2023-2024	**Postdoctoral Research Associate**, HathiTrust Research Center, School of Information Sciences, University of Illinois at Urbana-Champaign, mentored by J. Stephen Downie
Summer 2023	**Visiting Lecturer**, Department of Library & Information Science, School of Open Learning (SOL), University of Delhi

Research Interests

My research interests lie at the intersection of information retrieval, science of science, human-centered AI, and critical data practices.

Publications

Manuscripts

† indicates the student mentored

Authored Book

[1] **Manika Lamba**. "Introduction to Topic Modeling and Topic Visualization for Social Scientists". CRC Press. (Under Preparation, Expected Publication in 2026/2027)

[2] Shailendra Kumar, **Manika Lamba**, and Rajesh Singh. "Academic Library Policy Development: A Primer." Facet Publishing. (Under Preparation, Expected Publication in 2025/2026)

Journal Papers

[1] "Critical Data Quality Analysis of Open Arrest Record Datasets" with Karen Wickett and Jarrett Newman (Under Preparation)

[2] "What Does it Means to Use Computational Methods in Archives for Marginalized People" with Yingying Han (Data Collection)

[3] "Human Annotated Dataset of Support and Sentiments in Dissertation Acknowledgments" with You Peng†, Haley Shepherd†, Tam Le†, Natalie Elliot†, Manali Teke†, Amreentaj†, Ziyang Xu†, Sharif†, Md. Emdadul Islam†(Data Analysis)

[4] "Trends and Topics in LIS: Enhancing in-house Subject Classification of ProQuest using Large Language Model" (Under Preparation)

[5] "Co-Designing Participatory Media and Game Preservation: YouTube Game-Related Content" with Michele Newman (Under Preparation)

[6] "Usability Testing and Evaluation of Coconut Libtool" with Tam Le†, Faizhal Arif Santosa (Data Collection)

[7] "Co-Designing a Knowledge-Graph Navigation Interface: A Participatory UX Approach" with Stanislava Gardasevic, Jasmine (Under Review)

Ongoing Projects

[1] "Game Over or Game On? Toxicity and Information Use in the Era of Generative AI"

Authored Book

[1] **Manika Lamba** & Margam Madhusudhan. (2022). "Text Mining for Information Professionals: An Uncharted Territory", Springer Nature. https://doi.org/10.1007/978-3-030-85085-2

- Author's Website for the Book
- GitHub Account with Reproducible Research Compendium

Edited Book

[1] **Manika Lamba**. (Ed.). (2022). "Technological Advancements in Library Service Innovation", IGI Global. https://doi.org/10.4018/978-1-7998-8942-7

Journal Articles

† indicates the student mentored

[19] Carolyn Barnett, Michael FitzGerald, Katie Krumbholz, **Manika Lamba**. (2025). "What Does *Politics & Gender* Publish? Topics and Trends Over Time". *Politics & Gender*, 1–17. DOI:10.1017/S1743923X24000540 *(Equal Contribution)*

[18] **Manika Lamba** & Hendrik Erz. (2025). "Thanking the World: Exploring gender-based differences in acknowledgment patterns and support systems in theses". *Data and Information Management*. DOI: 10.1016/j.dim.2024.100092

[17] Stanislava Gardasevic, Aditi Jaiswal, **Manika Lamba**, Jena Funakoshi, Kar-Hai Chu, Aekta Shah, Yinan Sun, Pallav Pokhrel, Peter Washington. (2024). "Public Health Using Social Network Analysis During the COVID-19 Era: A Systematic Review". *Information*, 15(11), 690. DOI: 10.3390/info15110690

[16] Stanislava Gardasevic and **Manika Lamba**. (2024). "It answers questions that I didn't know I have: Interdisciplinary Ph.D. Students' Evaluation of Knowledge Graph". *Digital Library Perspectives*. DOI: 10.1108/DLP-02-2024-0025

[15] Bhakti Gala, **Manika Lamba**, Syeeda Hina Batool, Md. Anwarul Islam, Raj Kumar Bhardwaj. (2024). "Duelling Health Misinformation: Perceptions and Behaviour of COVID-19 by Rural Population from South Asian Countries". *Journal of Librarianship and Information Science*. DOI: 10.1177/09610006241241065

[14] Bhakti Gala, Vanessa Reyes, Leili Seifi, **Manika Lamba**. (2024). "Relationship Building through Informal Gatherings & Technology Integrations: A Case Study". *Library Hi-Tech News*. DOI: 10.1108/LHTN-12-2023-0219

[13] **Manika Lamba**, & Margam Madhusudhan. (2023). "Exploring OCR Errors in Full-Text Large Documents: A Study of LIS Theses and Dissertations". *Library Philosophy and Practice*, 15052. https://digitalcommons.unl.edu/libphilprac/7824

[12] Brady D. Lund, Ting Wang, Amrollah Shamsi, Jamilu Abdullahi, Abosede Awojobi, Dhruba Jyoti Borgohain, Gema Bueno de la Fuente, Gilberto Parra Huerta, Alireza Isfandyari-Moghaddam, Md. Anwarul Islam, Ali Akbar Khasseh, **Manika Lamba**, Endang Fitriyah Mannan, David Manyonga, Boya Nan, Bing Nie, Vasantha Raju N., Ravi Shukla, Nafiz Zaman Shuva, Rafaela Carolina da Silva, Eva Ugarte, Aliyu Olugbenga Yusuf. (2023). "Barriers to Scholarly Publishing Among Library and Information Science Researchers: International Perspectives". textitInformation Development, 39(2). DOI: 10.1177/02666669211052522

[11] **Manika Lamba**, & Margam Madhusudhan. (2022). "Topic Modelling and its Application in Libraries: a review of specialized literature". *World Digital Libraries*, 15(2), 105–120. DOI: 10.18329/09757597/2022/15207

[10] Carolyn Barnett, Michael Fitzgerald, Katie Krumholz, and **Manika Lamba**. (2022). "Gender in the Journals: A Dataset of Gender and Politics Research". *PS: Political Science & Politics*, 55(3), 511-518. DOI:10.1017/S1049096522000385 *(Equal Contribution)*.

Research documentation and data that support the findings of this study are openly available at the Harvard Dataverse at https://doi.org/10.7910/DVN/UVWRTV.

[9] **Manika Lamba**, Neha Kashyap†, & Margam Madhusudhan. (2021). "Research Evaluation

of Computer Science Departments: A Cohort Study of Indian Central Universities". *Global Knowledge, Memory and Communication*. DOI: 10.1108/GKMC-07-2020-0097

[8] K.C.Garg, **Manika Lamba**, & Rahul Kumar Singh. (2020). "Bibliometric Analysis of papers published during 1992 to 2019 in DESIDOC Journal of Library and Information Technology". *DESIDOC Journal of Library and Information Technology*, 40(6), 396-402. DOI:10.14429/djlit.40.06.15741

[7] **Manika Lamba**. (2020). "Research Productivity of Health Care Policy Faculty: A Cohort Study of Harvard Medical School". *Scientometrics*, 124(1), 107–200.DOI: 10.1007/s11192-020-03433-5

[6] **Manika Lamba**, & Margam Madhusudhan. (2020). "Mapping of ETDs in ProQuest dissertations and theses (PQDT) global database (2014-2018)". *Cadernos BAD*, 2019(1), 169–182. DOI: 10.48798/cadernosbad.2034

[5] **Manika Lamba**, & Margam Madhusudhan. (2019). "Mapping of Topics in DESIDOC Journal of Library and Information Technology, India: a study." *Scientometrics*, 120(2), 477–505. DOI: 10.1007/s11192-019-03137-5

[4] **Manika Lamba**, & Margam Madhusudhan. (2019). "Author-Topic Modeling of DESIDOC Journal of Library and Information Technology (2008-2017), India". *Library Philosophy and Practice*, e2593. URL: https://digitalcommons.unl.edu/libphilprac/2593/

[3] **Manika Lamba**, & Margam Madhusudhan. (2019). "Metadata Tagging and Prediction Modeling: Case Study of DESIDOC Journal of Library and Information Technology (2008-2017), India". *World Digital Libraries*, 12(1), 33–89. DOI: 10.18329/09757597/2019/12103

[2] **Manika Lamba**. (2019). "Marketing of academic health libraries 2.0: a case study". *Library Management*, 40(3/4), 155–177. DOI: 10.1108/LM-03-2018-0013

[1] **Manika Lamba**, & Margam Madhusudhan. (2018). "Application of sentiment analysis in libraries to provide temporal information service: a case study on various facets of productivity". *Social Network Analysis and Mining*, 8:63. DOI: 10.1007/s13278-018-0541-y

Peer-Reviewed Conference Papers

[9] Stanislava Gardasevic, Pamela Estell, Caterina Desiato, **Manika Lamba**. (2026). Negotiating Voice and Privacy: Doctoral Students' Perspectives on Participatory Information Systems. In Collaboration in Online Communities: Information Processing and Decision Making Track, HICSS. (Accepted)

[8] **Manika Lamba**, You Peng†, Sophie Nikolov†, Glen Layne-Worthey, J Stephen Downie. (2025). "Metadata Enrichment of Dissertation Dataset using Large Language Models". In 88th Annual Meeting of the Association for Information Science and Technology, Calgary, Canada. *(acceptance rate - 28%)*

[7] **Manika Lamba**, You Peng†, Sophie Nikolov†. (2024). "AckSent: Human Annotated Dataset of Support and Sentiments in Dissertation Acknowledgments". In Proceedings of the 24th ACM/IEEE Joint Conference on Digital Libraries. Association for Computing Machinery, New York, NY, USA, Article 33, 1–5. DOI:10.1145/3677389.3702594 *(acceptance rate - 29.5%)*

[6] Faizhal Arif Santosa, **Manika Lamba**, Crissandra J. George, J. Stephen Downie. (2024). "Coconut LibTool: Bridging Textual Analysis Gaps for Non-Programmers". In 87th Annual Meeting

of the Association for Information Science and Technology, Calgary, Canada. *(acceptance rate - 30%)*

[5] Devendra Potnis, Bhakti Gala, Leili Seifi, Nosheen Fatima Warraich, **Manika Lamba**, Vanessa Reyes. (2024). "Factors Influencing Professional Associations' Member Engagement Online: An Information Practices Approach". In 87th Annual Meeting of the Association for Information Science and Technology, Calgary, Canada. *(acceptance rate - 32%)*

[4] **Manika Lamba**. (2022). "Visualizing the Pace of COVID-19 Research: An Experimental Study of All India Institute of Medical Sciences (AIIMS), New Delhi". In SIS Annual Convention 2022, New Delhi, India. https://doi.org/10.5281/zenodo.7191599

[3] **Manika Lamba**. (2019). "Text Analysis of ETDs in ProQuest Dissertations and Theses (PQDT) Global (2016-2018)". In ICDL2019: Digital Transformation for an Agile Environment, New Delhi (pp. 734–745). New Delhi, India. https://arxiv.org/abs/2406.06076

[2] **Manika Lamba**, & Margam Madhusudhan (2018). "Metadata Tagging of Library and Information Science Theses: Shodhganga (2013-2017)". In ETD 2018 Taiwan Beyond the Boundaries of Rims and Oceans: Globalizing Knowledge with ETDs. Taipei, Taiwan. https://doi.org/10.5281/zenodo.1475795

[1] **Manika Lamba**, & R.K. Bhatt (2017). "Marketing of LIS Products and Services in Select Medical Libraries of Delhi in Digital Environment: A Comparative Study". In 2nd̂ International Conference of Asian Libraries: Expanding Digital Footprints: Role of Libraries & Information Centers, (pp. 179-192). New Delhi, India. https://doi.org/10.5281/zenodo.1475769

Oral Presentations

[3] Marijn A. Keijzer, Lukas Erhard, Zarine Kharazian, **Manika Lamba**. (2025). "Studying Information Segregation on YouTube: Structural Differences in the Recommendation Graph". In INSA Sunbelt 2025, Paris

[2] **Manika Lamba**, Sophie Nikolov†, You Peng†, Lan Ding†, Glen Layne-Worthey, J. Stephen Downie. (2024). "HathiEnrich: Metadata Enrichment of Dissertation Dataset using Large Language Models". In 1st Workshop on Utilizing AI/ML to Enhance Information Extraction, Organization, and Retrieval from Large-scale Archival Collections, ACM/IEEE Joint Conference on Digital Libraries 2024, Hong Kong.

[1] **Manika Lamba**, Hendrik Erz. (2023). "Thanking the World: Exploring gender-based differences in acknowledgment patterns and support systems in theses". In 2023 ASIS&T Asia Chapter Regional Meeting (Virtual).

Book Chapters

[6] Marijn A. Keijzer, Lukas Erhard, Zarine Kharazian, **Manika Lamba**. "The Anatomy of Rabbit Holes: Studying Information Segregation in YouTube's Recommendation Graph". *Computational Social Science of Social Cohesion and Polarization* (Accepted)

[5] Brady Lund, **Manika Lamba**, Sang Hoo Oh. "The Impact of AI on Academic Research and Publishing". *Handbuch Soziale Praktiken und Digitale Alltagswelten – Beitrag.* https://doi.org/10.48550/arXiv.2406.06009 (Accepted)

[4] Margam Madhusudhan, & **Manika Lamba**. (2021). "The Changing Roles of Librarians: Managing Emerging Technologies in Libraries". In: Quality Library Services in New Era (pp. 88-96). Guwahati:EBH Publishers. http://doi.org/10.5281/zenodo.4721411

[3] **Manika Lamba**, & Margam Madhusudhan. (2019). "New Paradigm in Library 2.0: Sentiment Analysis of Twitter". In Emerging Trends for SMART Libraries: A Festschrift in Honour of Professor V.P.Khare in Four Volumes (pp. 195-201). Delhi:Shree Publications, and Distributors. http://doi.org/10.5281/zenodo.3241749

[2] **Manika Lamba**. (2019). "Marketing of University College of Medical Sciences Library, University of Delhi: A Study". In Innovative Librarianship through ICT Tools and Technology (pp. 1-11). Delhi:Shree Publishers and Distributors. http://doi.org/10.5281/zenodo.1475769

[1] **Manika Lamba**, & Margam Madhusudhan. (2018). "Application of Topic Mining and Prediction Modeling Tools for Library and Information Science Journals". In Library Practices in Digital Era: Festschrift in Honor of Prof. V Vishwa Mohan (pp. 395-401). Hyderabad:BS Publications. http://doi.org/10.5281/zenodo.1298739

Panels

[2] Devendra Potnis, Bhakti Gala, Vanessa Reyes, **Manika Lamba**, Nosheen Fatima Warraich, Leili Seifi, Paul Jason Perez. (2023). "How to Better Engage with ASIS&T Members? Lessons Learned From SIG-III's Activities During the COVID-19 Pandemic". 2023 Mid-Year ASIS&T Conference.

[1] Amara Malik, Syeda Batool, Naresh Agarwal, Anwarul Islam, Prasadi Jayasekara, Reshma Dangol, **Manika Lamba**, Abdul Baseer Mahmood. (2023). "D/Misinformation on Social Media and the Role of the LIS Profession: A South Asian Perspective". 2023 Mid-Year ASIS&T Conference.

Posters

[8] **Manika Lamba**, Faizhal Arif Santosa, Tam Le†. (2025). "Coconut Libtool 2.0: Enhanced All-in-One Data and Text Mining Tool". In 88th Annual Meeting of the Association for Information Science and Technology, Washington DC, USA.

[7] You Peng†, **Manika Lamba**, Yessica Herrera-Guzmán. (2025). "Wikipedia and AI for Mapping Cultural Diaspora". In 88th Annual Meeting of the Association for Information Science and Technology, Washington DC, USA.

[6] Tam Le†, **Manika Lamba**. (2025). "Enhanced All-in-One Data and Text Mining Tool". In 37th Annual Undergraduate Research Day, Honors College, University of Oklahoma.

[5] **Manika Lamba**, John Walsh, Ryan Dubnicek, Jenny Christie, J. Stephen Downie, Janet Swatscheno, Deren Kudeki, Glen Layne-Worthey. (2024). "TORCHLITE: New, Open Analytical Tools and Infrastructure for a Mega-Scale Digital Library". In *87th Annual Meeting of the Association for Information Science and Technology*, Calgary, Canada.

[4] Karen Wickett, Jarett Newman, **Manika Lamba**. (2024). "Putting People First in Data Quality: Transparency and Accountability in an Open Arrest Record Dataset". In 87th Annual Meeting of the Association for Information Science and Technology, Calgary, Canada.

[3] Stanislava Gardasevic and **Manika Lamba**. (2024). "Knowledge Graph for Academic Libraries: A User-Centered Design Approach". 2024 American Library Association (ALA) Conference, San Diego.

[2] Faizhal Arif Santosa, **Manika Lamba** and Crissandra J. George. (2023). "Coconut Library Tool: A Web-Based Application for Advanced Textual Analysis for Librarians". Research Showcase at the School of Information Sciences, University of Illinois, Urbana-Champaign. https://hdl.handle.net/2142/122277

[1] Man Yi Helen Chan, Kai Wah Samuel Chu, Bhakti Gala, Md. Anwarul Islam, Syeda Hina Batool, Raj KumarBhardwaj, Prasadi Kanchana Jayasekara, and **Manika Lamba**. (2022). "Equipping Students and Beyond with Sound COVID-19 Knowledge to Survive and Thrive Despite the Pandemic". Proceedings of the Association for Information Science and Technology, 59: 633-635. DOI: 10.1002/pra2.673

Symposium Organized

[1] Brady D Lund, **Manika Lamba**, Lydia, Oladapo. (2025). *"Forging Ahead: Librarianship and Information Services in Times of Technological, Cultural, and Political Change"*. In *88th Annual Meeting of the Association for Information Science and Technology*, Washington DC, USA.

Awards and Recognition

External Grants

$3,000 (USD)	NSF I-Corps Hub: Desert and Pacific Region (2023, **Co-PI**)
$4,000 (USD)	SIG Special Project Fund by ASIS&T (2023, **Co-PI**)
$5,000 (USD)	Received research funding from Data Driven Social Science (DDSS) initiative under Princeton University (2022, **Co-PI**)
$8,000 (USD)	Association for Information Science & Technology (ASIS&T) supported the proposed project on *"Dealing with COVID-19 and Saving People's Lives in South Asia (SA) Areas and Beyond"* (2021, **Co-PI**)
$2,000 (USD)	NSF, Science of Science and Computational Discovery Lab supported the proposed project on *"Enabling interactive exploration of rich scientific multigraphs with Neo4j Bloom"* (2021, **Co-PI**)
$600.48 (USD)	Received Amazon Mechanical Turk credits from SICSS to support proposed research on *"An Experimental design on the Relationship between COVID-19 misinformation and Protective Behavior"* (2020, **Co-PI**)

Internal Grants

$11,500 (USD)	OU DISC supported the proposed project on *"Mapping Academic Genealogy for Interdisciplinary History of Science Research"* (2025-2026, **Co-PI**)

Awards, Honors, and Fellowships/Scholarships

$3,000 (USD)	Book Page Charges Subvention Award, Office of the Vice President for Research and Partnerships (OVPRP) and Office of the Provost, University of Oklahoma (2025)

$2,500 (USD)	Faculty Travel Assistance Program (FTAP) Awards, Office of the Vice President for Research and Partnership, University of Oklahoma (2024)
Best Volunteer Award	ASIS&T Special Interest Group for International Information Issues (SIG-III) (2023)
€1,050 (Euro)	Travel Grant to attend the Bremen International Graduate School of Social Sciences (BIGSSS) Summer Schools in Computational Social Science at Groningen, Netherlands (2022)
500,000 (INR)	Indian Council of Social Science Research (ICSSR) Doctoral Fellowship (2021-2022)
Honorarium	Received an honorarium to provide my feedback on the structure, audience, format, and content of the **Public Communication of Science Scoping Workshop** to identify the areas of the course that need to be developed. It was organized by the Ethics Team (Public Policy Program) as a part of *Learning at The Alan Turing Institute* (2021)
Best Paper Award	"Text Analysis of ETDs in ProQuest Dissertations and Theses (PQDT) Global (2016-2018)" at ICDL, New Delhi (2019)
416,000 (INR)	UGC Non-NET Scholarship (2019-2022)

Teaching Experience

Instructor

Spring 2026	**LIS 5043 Organization of Information** *(Graduate)*
	LIS 4/5693 Information Retrieval and Text Mining *(Undergraduate & Graduate)*
Fall 2025	**LIS 5043 Organization of Information** *(Graduate)* *Asynchronous Online; 40 students*, University of Oklahoma
	LIS 4/5523 Online Information Retrieval *(Undergraduate & Graduate)* *Asynchronous Online; 33 students*, University of Oklahoma
	LIS 4/5823 Internship Information Studies *(Undergraduate & Graduate)* University of Oklahoma
Spring 2025	**LIS 5043 Organization of Information** *(Graduate)* *Asynchronous Online; 37 students*, University of Oklahoma
	LIS 4/5493 Data Stewardship *(Undergraduate & Graduate)* *Asynchronous Online; 15 students*, University of Oklahoma
Fall 2024	**LIS 5043 Organization of Information** *(Graduate)* *Asynchronous Online; 33 students*, University of Oklahoma
Spring 2024	**IS 505 Information Organization and Access** *(Graduate)* *Face-to-Face; 27 students*, University of Illinois Urbana-Champaign
	IS 189 Independent Study *(Undergraduate)* University of Illinois Urbana-Champaign
	IS 579 Guided Research Experience *(Graduate)* University of Illinois Urbana-Champaign
	Co-organized IS 529 Doctoral ProSeminar with J. Stephen Downie *Hybrid; 40 students*, University of Illinois Urbana-Champaign

Fall 2023   **Co-organized IS 529 Doctoral ProSeminar** with J. Stephen Downie
Hybrid; 40 students, University of Illinois Urbana-Champaign

Summer 2023 **M-108 Information Storage and Retrieval System** *(Graduate)*
Hybrid; 65 students, University of Delhi

Invited Lecturer at Courses

Spring 2025   **INLS890 Systematically Searching and Analyzing Scholarly**
AI-Driven Organization of Scientific Literature [10 April 2025]
Zoom, University of North Carolina at Chapel Hill
Instructor: Fei Yu

                LIS 6713 Research Methods and Design in Information Studies
Text Mining for Information Professionals [11 March 2025]
Face-to-Face, University of Oklahoma
Instructor: Susan Burke

Fall 2024   **LIS 6962 Doctoral Seminar**
Rollercoaster of My PhD Journey [18 September 2024]
Face-to-Face, University of Oklahoma
Instructor: June Abbas

Fall 2023   **IS 505 Information Organization and Access**
Topic Modeling [30 Oct 2023]
Face-to-Face, University of Illinois Urbana-Champaign
Instructor: Karen Wickett

                IS 529 Doctoral Proseminar
How to Publish a Book: All You Need to Know [Nov 2023]
Face-to-Face, University of Illinois Urbana-Champaign
Instructor: J. Stephen Downie

Invited Instructor for Workshop

26 Aug 2024   **Text Mining: Topic Modeling for Librarians**, IIM Bangaluru

8 Oct 2022   **Sentiment Analysis using R**, RLadies Gaborone

27 Apr 2022   **Topic Modeling with R**, RLadies Urmia (Iran)

Course material developed/revised for:

- LIS 4/5523 Online Information Retrieval *(significant changes made, 2025)*

- LIS 4/5493 Data Stewardship *(significant changes made, 2025)*

- LIS 5043 Organization of Information *(significant changes made, 2024)*

- IS 505 Information Organization *(significant changes made, 2024-2025)*

Invited Talks

[10] *"Data, Democracy, and You, Reading Between the Numbers: Numbers Don't Lie... Or Do They?"*, Center for Social Justice, University of Oklahoma, TBD

[9] *"Coconut Libtool: AI-Driven Document Analysis"*, University of Oklahoma AI Webinar Series: Session 4, 16 May 2025

[8] *"Thanking World: Exploring Acknowledgments Patterns and Support Systems in Theses"*, Research Brownbag, University of North Texas, 25 April 2025

[7] *"AI-Driven Organization of Scientific Literature"*, NILIS Annual Research Symposium, University of Colombo, 24 October 2024

[6] *"Adventures in Text Mining: Applications, Ethics, and Cancer Care"*, Memorial Sloan Kettering Cancer Center Library, 16 October 2024

[5] TORCHLITE Hackathon Handbook, I Hotel and Illinois Conference Center, Champaign, Illinois, 21 May 2024

[4] *"Meet the Authors: Text Mining for Information Professionals: An Uncharted Territory"*, ASIS&T, 7 December 2023

[3] *"Book Talk on Text Mining for Information Professionals"*, Skyline University Nigeria, 31 Oct 2023

[2] *"Thanking the World: Exploring Gender-Based Differences in Acknowledgment Patterns and Support Systems in Theses"*, Research Brownbag, University of Illinois Urbana-Champaign, 9th October 2023

[1] *"Acceleration of Health Information Literacy: Preparing Multi-Lingual COVID-19 Contents for South Asia Region"*, University of Dhaka, 8 Dec 2021

Services and Professional Activities

Editorial Positions

2025-Present	Editorial Board	Humanities and Social Sciences Communications, Nature
2023-Present	Review Editor	Frontiers in Research Metrics and Analytics, Text Mining and Literature-Based Discovery Section
2021-2025	Editor-in-Chief	International Journal of Library and Information Services (IJLIS), IGI Global
Aug–Oct 2019	Volunteered Editor-at-large	dh+lib (an ACRL Digital Humanities Interest Group project)

Elected Positions

2024-2026	International Paper Contest Jury	SIG International Information Issues (III), ASIS&T
2021-2025	Standing Committee Member	IFLA Science and Technology Libraries Section
2021-2022	Secretary/Treasurer	SIG Organizational Information Management, ASIS&T
2021-2022	Cabinet Representative	SIG Digital Libraries, ASIS&T
2021-2022	Webmaster	Association for Information Science & Technology (ASIS&T) South Asia Chapter

2021-2022	Elected Newsletter Officer	Association for Information Science & Technology (ASIS&T) South Asia Chapter

ASIS&T South Asia Chapter received Best Publication Award *for the Newsletter at the AM2022 Conference*

Invited Positions

2025	Program Committee	Language, Agent, and World Models (LAW) Workshop at NeurIPS
2025	Outreach/Publicity Co-Chair	2025 ACM/IEEE Joint Conference on Digital Libraries
2025	Jury Chair	Research in Information Science Award, ASIS&T
2024	Committee Member	Documentation and Information Section (MSD 5), Bureau of Indian Standards (BIS)
2024	Awards Jury Member	Research in Information Science Award, ASIS&T
2024	Publications (Proceedings) Co-Chair	2024 ACM/IEEE Joint Conference on Digital Libraries (JCDL)
2023	Program Committee Member	2023 ICLR First Workshop on Machine Learning & Global Health
2021-2023	Chair of Professional Development Subcommittee	IFLA Science and Technology Libraries Section
2022-Present	Co-Founder and Co-Organizer	International Café Meet (ICM), ASIS&T SIG-III
2022	Program Committee Member	9th Workshop on Argument Mining
2022	Jury (Senior Primary Group)	International Digital Story Writing Competition: AI and Health & COVID-19: Imagine, Create & Share
2022	Program Committee Member	9th Workshop on Argument Mining, International Conference on Computational Linguistics
2022	Jury Member	Journal of the Association for Information Science and Technology (JASIST) Best Paper Award Committee
2021	Invited Discussant	5th Library Technology Conclave (LTC2021) for *Social Media Research* session, Video 1 and 2
2021	Awards Committee Member	Judged Pitch Talk Award for Networks 2021
2020-Present	Program Committee Member	The Digital Marketing & eCommerce Conference

University/Department Service

2025	Jury Member	Graduate & Postdoc Research Day, University of Oklahoma
2024-Present	Undergraduate Studies Committee Member	SLIS, University of Oklahoma
2024-Present	Graduate Studies Committee Member	SLIS, University of Oklahoma
2024-Present	Doctoral Program Committee Member	SLIS, University of Oklahoma
2024-Present	Research Culture Committee Member	SLIS, University of Oklahoma
2023-2024	Research Advisory Committee Member	School of Information Sciences, University of Illinois Urbana-Champaign

Grant Reviewer

2024	Institute of Museum and Library Services (IMLS)

Reviewer, Conference

2025	Hawaii International Conference on System Sciences (HICSS)
2025	ASIS&T
2025	ACM Conversational AI: Agency and Identities (CUI)
2024	ACM Conversational AI: Agency and Identities (CUI)

Reviewer, Journals

† indicates reviewing for multiple times

International Journal on Digital Libraries, Stress and Health, Scientific Reports, PloS One, Neurosciences, Social Network Analysis and Mining, Journal of Big Data†, IEEE Access†, Journal of Library and Information Science Research, Journal of Medical Internet Research†, JMIR Medical Informatics, JMIR Public Health and Surveillance, Scientometrics†, Journal of Information Science†, Global Knowledge, Memory and Communication†, Journal of International Medical Research†, Complexity, Library Hi-Tech, Information Discovery and Delivery†, International Journal of Library and Information Services†, Network Modeling Analysis in Health Informatics and Bioinformatics†, DESIDOC Journal of Library and Information Technology†, Journal of Scholarly Publishing†, Library Quarterly, International Journal of Information Technology & Decision Making, International Journal of Technology, Knowledge, and Society†, Library Philosophy and Practice, Academia Letters, Accountability in Research, Digital Health, International Journal of Information Technology & Decision Making, International Journal of Technologies in Learning

Professional Memberships

2021–Present Association for Information Science and Technology (ASIS&T)

2024–Present ACM Professional Membership

2024 Association for Computers and the Humanities (ACH)

2023-2024 United States Electronic Thesis and Dissertation Association (USETDA)

2020–2021 Special Libraries Association (SLA)

2020–2021 Research Data Access and Preservation Association (RDAP), Inc.

Life Member Indian Library Association

Additional Training (Selected)

2025 NEH Fellowship Grant Writing Cohort, Center for Faculty Excellence Initiative, University of Oklahoma

2024 Second Workshop on Task Focused IR in the Era of Generative AI, Microsoft Research, Seattle

2024 Teaching Squares, Center for Faculty Excellence Initiative, University of Oklahoma

2024 Translating Your Book to a Fellowship Proposal, Center for Faculty Excellence Initiative, University of Oklahoma

Selected Press

[4] Austin Mason (March 6, 2025). Tutorial for Coconut Libtool: A Web-based Textual Analysis Guide, DGAH 110 Hacking the Humanities

[3] Elisabeth Pain (September 13, 2024). How to Establish Your Identity as a Scientist, Science Careers

[2] Crissandra George (February 12, 2024). Coconut Library Tool: Democratizing Textual Analysis for Everyone!, Choice Blog, ACRL

[1] IGI Global Scientific Publishing (May 5, 2023). Dr. Manika Lamba on Leading an Open Access Journal, IGI Global

Skills

Programming Python, R

Website Go, Jekyll, HTML5, Javascript

Others LaTex, GitHub, Qualtrics, Prolific, Amazon Mechanical Turk (AmTurk), Canva, WordPress, Tableau, SPSS, Neo4J, NVivo, Atlas.ti, Otter.ai

Mentorship

Research Assistants

2025-Present	Mohammad Sharif Ul Islam	PhD Information Studies, OU
2025-Present	Tam Le	BS Computer Engineering, OU
2025-Present	Sam Malik	BS Informatics, University of Washington
2025-Present	Natalie Elliot	PhD Philosophy, OU
2024-Present	Manali Teke	PhD Computer Science, NC State University
2024-Present	You Peng	PhD Information Sciences, UIUC
2024-Present	Haley Shepherd	MSLIS, UIUC
2024-2025	Ziyang Xu	PhD Information Studies, OU

Masters

Spring 2024	Sophie Nikolov	IS 579 Guided Research Experience *(MS Information Management, UIUC)*
Spring 2024	You Peng	IS 579 Guided Research Experience *(MS Information Management, UIUC)*
Spring 2024	Yujia Wei	IS 579 Guided Research Experience *(MS Information Management, UIUC)*
Spring 2020	Neha Kashyap	MLIS Student (*Dissertation Title: Research Evaluation of Central Universities of India using Altmetrics: A Cohort Study*), University of Delhi

Bachelors

2025	Tam Le	*First-Year Research Experience (FYRE) Program*, OU
		Honors Research Assistant Program (HRAP), OU
Spring 2024	Henry Tang	IS 389 Independent Study *(Bachelor of Liberal Arts & Sciences in Mathematics and Computer Science, UIUC)*
Spring 2024	Patrick Mulcahy	IS 389 Independent Study *(Bachelor of Science in Information Science, UIUC)*

SIG-III ASIS&T Mentorship Program

2025-Present	Md. Emdadul Islam	Assistant Professor, Noakhali Science and Technology University, Bangladesh
2024-Present	Amreen Taj	PhD Library & Information Science, Central University of Gujarat, India