Dong Joon Lee, Ph.D.

Associate Professor
Department of Information and Operations Management
Mays Business School | Texas A&M University
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EDUCATION

Ph.D. in Information   2015
School of Information, Florida State University at Tallahassee, FL

M.S. in Information Management   2010
Information School, University of Washington at Seattle, WA

B.S. in Computer Information Systems   2008
Computer Science Department, Grove City College at Grove City, PA

AREAS OF INTERESTS

Data and Information Quality
Research Information Management Systems | User Engagement
Institutional Data Repositories | Digital Curation/Management
Metadata Model and Design
Digital Identifiers

PROFESSIONAL EXPERIENCE

Associate Professor – Department of Information and Operations Management, Mays   2022 -
Business School, Texas A&M University, College Station, TX

Product Manager, Research Information Management Systems – Office of Scholarly   2022 - 2024
Communications, Texas A&M University Libraries, College Station, TX

Associate Professor & Researcher Information Systems Product Manager – Office of   2021 – 2022
Scholarly Communications, Texas A&M University Libraries, College Station, TX

Assistant Professor & Researcher Information Systems Product Manager – Office of   2016 – 2021
Scholarly Communications, Texas A&M University Libraries, College Station, TX

Adjunct Professor - School of Information, Florida State University, Tallahassee, FL   2015

Graduate Research and Teaching Assistant - School of Information, Florida State University,   2010-2015
Tallahassee, FL

Web Development Intern: *Colby Underwood Consulting, LLC*, Seattle, WA   2009

Web Contents Development Intern: *KQV Radio Station*, Pittsburgh, PA	2007
Internal Database Development Intern: *Truefit Solutions*, Pittsburgh, PA	2007

PUBLICATIONS

Refereed Journal Articles (Published / Accepted)

1. Stvilia, B., & Lee, D. J. (in press). Data quality assurance in research data repositories: A theory-guided exploration and model. *Journal of Documentation*. doi:10.1108/JD-09-2023-0177

2. Xu, Z., Zhou, X., & **Lee, D. J.** (2023). A pilot study on social science graduate students' data core competency. *Journal of Academic Librarianship*, *49*(3), 102715. doi:10.1016/j.acalib.2023.102715

3. **Lee, D. J.**, Stvilia, B., Ha, S., & Hahn, D. (2023). The structure and priorities of researchers' scholarly profile maintenance activities: A case of institutional research information management system. *Journal of the Association for Information Science and Technology. 74*(2), 186-204. doi:10.1002/asi.24721

4. Stvilia, B., **Lee, D. J.**, & Han, N. (2021). "Striking out on your own" – A study of research information management problems on university campuses. *Journal of the Association for Information Science and Technology. 72*(8), 963-978. doi:10.1002/asi.24464

5. **Lee, D. J**., Stvilia, B., & Wu, S. (2020). Towards a metadata model for research information management systems. *Library Hi Tech. 38*(3), 577-592. doi:10.1108/LHT-01-2018-0013

6. Stvilia, B., Wu, S., & **Lee, D. J.** (2019). A framework for researcher participation in research information management systems. *The Journal of Academic Librarianship. 45*(3), 195-202. doi:10.1016/j.acalib.2019.02.014

7. Moberly, H. K., **Lee, D. J.**, Kessler, M. D., & Carrigan, E. E. (2018). Supporting the next generation of Texas A&M University scholars. *Library Management. 39*(8/9), doi:10.1108/LM-10-2017-0104

8. Stvilia, B., Wu, S., & **Lee, D. J.** (2018). Researchers' participation in and motivations for engaging with research information management systems. *PLoS One. 13*(2), e0193459. doi:10.1371/journal.pone.0193459

9. Stvilia, B., Wu, S., & **Lee, D. J.** (2018). Researchers' uses of and disincentives for sharing their research identity information in research information management systems. *Journal of the Association for Information Science and Technology. 69*(8), 1035-1045. doi:10.1002/asi.24019

10. Wu, S., Stvilia, B, & **Lee, D. J.** (2017). Readers, personal record managers, and community members: An exploratory study of researchers' participation in online research information management systems. *Journal of Library Metadata. 17*(2), 57-90. doi:10.1080/19386389.2017.1348783

11. Stvilia, B., Hinnant, C. C., Wu, S., Worrall, A., **Lee, D. J.**, Burnett, K., Burnett, G., Kazmer, M. M., & Marty, P. F. (2017). Toward collaborator selection and determination of data ownership and publication authorship in research collaborations. *Library & Information Science Research. 39*(2), 85-97. doi:10.1016/j.lisr.2017.03.004

12. **Lee, D. J.**, & Stvilia, B. (2017). Practices of research data curation in institutional repositories: A qualitative view from repository staff. *PLoS One. 12*(3): e0173987. doi:10.1371/journal.pone.0173987

13. Stvilia, B., Hinnant, C., Wu, S., Worrall, A., **Lee, D. J.**, Burnett, K., Burnett, G., Kazmer, M. M., & Marty, P. F. (2015). Research project tasks, data, and perceptions of data quality in a condensed matter physics community. *Journal of the Association for Information Science and Technology*. *66*(2), 246-263. doi:10.1002/asi.23177

14. **Lee, D. J.**, & Stvilia, B. (2014). Developing a data identifier taxonomy. *Cataloging & Classification Quarterly*. *52*(3), 303-336. doi:10.1080/01639374.2014.880166

15. Wu, S., Stvilia, B., & **Lee, D. J.** (2012). Authority control for scientific data: The case of molecular biology. *Journal of Library Metadata, 12*(2-3), 61-82. doi:10.1080/19386389.2012.699822

Working Papers

1. Stvilia, B., **Lee, D. J.**, & Pang, Y. (Under Review). "They don't see us" – Challenges and competencies in ensuring data quality in research data repositories. Submitted to *Journal of Academic Librarianship*.

2. **Lee, D. J.**, Stvilia, B., Pang, Y., & Gunaydin, F. (In Progress). Toward the Conceptualization of Data Quality Assurance in Research Data Repositories: A Theory-Guided Ontology

3. Stvilia, B., Pang, Y., **Lee, D. J.**, & Gunaydin, F. (In Progress). Data Quality Assurance in Research Data Repositories – A systematic literature review.

Book Chapter

1. Wu, S., Stvilia, B., & **Lee, D. J.** (2013). Authority control for scientific data: The case of molecular biology. In S. D. Miksa (Ed.), *Functional future for bibliographic control: Transitioning into new communities of practice and awareness*. Oxford, UK: Routledge. ISBN:0415716020

Refereed Articles in Conference Proceedings (Published / Accepted; underlined names are students mentored)

1. **Lee, D. J.**, <u>Ali, F.</u>, Stvilia, B., Pang, Y., & <u>Gonthina, K.</u> (2023). Toward the conceptualization of data quality assurance in research data repositories. *Proceedings of the Association for Information Science and Technology*. *60*(1), 1019-1021. https://doi.org/10.1002/pra2.931

2. Stvilia, B., Gibradze, L., & **Lee, D. J.** (2023). What is Quality to Research Data Repositories? *iConference 2023 Proceedings*.1-8. https://hdl.handle.net/2142/117383

3. **Lee, D. J.**, <u>Mutya, K.</u>, Herbert, B. E., & Mejia, E. (2019). Exploring Scholarly Impact Metrics in Receipt of Highly Prestigious Awards. *Lecture Note in Computer Science. iConference Proceedings*, 11420, 147-153. https://dx.doi.org/10.1007/978-3-030-15742-5_13

4. **Lee, D. J.**, Stvilia, B., & Wu, S. (2017). Studying service and metadata models of research information management systems. *iConference Proceedings*. 626-630. https://hdl.handle.net/1969.1/160531

5. Wu, S., Stvilia, B., & **Lee, D. J.** (2017). How do Chinese researchers use research information management systems?: An exploratory study. *Proceedings of the Association for Information Science and Technology*. *54*(1), 829-830. https://dx.doi.org/10.1002/pra2.2017.14505401174

6. **Lee, D. J.**, Stvilia, B., & Wu, S. (2017). Practices of metadata use in research information management systems. *Proceedings of the Association for Information Science and Technology. 54*(1), 734-735. https://dx.doi.org/10.1002/pra2.2017.14505401136

7. Wu, S., Stvilia, B., & **Lee, D. J.** (2016). Exploring researchers' participation in online research identity management systems. *Proceedings of the Association for Information Science and Technology. 53*(1), 1-6. https://dx.doi.org/10.1002/pra2.2016.14505301105

8. **Lee, D. J.**, & Stvilia, B. (2014). Data curation practices in institutional repositories: An exploratory study. *Proceedings of the Association for Information Science and Technology*, *51*(1), 1-4.. https://dx.doi.org/10.1002/meet.2014.14505101085

9. Stvilia, B., Hinnant, C. C., Wu, S., Worrall, A., **Lee, D. J.**, Burnett, K., Burnett, G., Kazmer, M. M., & Marty, P. F. (2013). Studying the data work of a scientific community. In J. S. Downie & R. H. McDonald (Chairs), *Proceedings of the Joint Conference on Digital Libraries (JCDL) 2013*. Indianapolis, IN. New York, NY: ACM Press. https://dx.doi.org/10.1145/2467696.2467781

10. **Lee, D. J.**, & Stvilia, B. (2012). Identifier schemas and research data. *Proceedings of the Association for Information Science and Technology*, *49*(1). 1-4.doi:10.1002/meet.14504901311

11. Wu, S., Stvilia, B. & **Lee, D. J.** (2012). Data Determination, Disambiguation, and Referencing in Molecular Biology. *Proceedings of the Joint Conference on Digital Libraries (JCDL) 2012*, Washington, DC, June 10-14, 2012. New York, NY: ACM Press. doi:10.1145/2232817.2232892

12. Baeg, J. H., Choi, W., **Lee, D. J.**, & Lee, J. (2012). The Impact of the Public Library on Early Reading Achievement: Using the Early Childhood Longitudinal Study (ECLS)1st Grade Student Sample. In J.-E. Mai (Chair), *iConference proceedings*, Toronto, Canada, February 7-10, 2012. New York, NY: ACM. doi:10.1145/2132176.2132279

Invited Publications

1. Graham, S., **Lee, D. J.**, Radio, E., & Tarver, H. (2018). "Who is this?" Moving from authority control to identity management. AALL Spectrum. 22(5), 24-27. [Invited and editor-reviewed article] https://hdl.handle.net/1969.1/166339

Technical Reports

1. **Lee, D. J.**, Witt, M., & Urban, R. J. (2014). A metadata application profile for ORCID, draft version 0.9. *2014 Research Data Alliance (RDA) Persistent Identifier (PID) Interest Group Intern Report*.

Monographs

1. **Lee, D. J.** (2015). Research data curation practices in institutional repositories and data identifiers. Doctoral dissertation submitted to the Florida State University, Tallahassee, FL. 2015. http://purl.flvc.org/fsu/fd/FSU_migr_etd-9638

PRESENTATIONS

Conference Presentations

1. **Lee, D. J.**, Ali, F., Stvilia, B., Pang, Y., & Gonthina, K. (2023, October). Toward the conceptualization of data quality assurance in research data repositories. Annual Meeting of the Association for Information Science and Technology. London, UK.

2. **Lee, D. J.** & Stvilia, B. (2023, April). The structure and priorities of researchers' scholarly profile maintenance activities: A case of institutional research information management system. *International Forum on Expert Finder Systems*, Miami, FL.

3. Stvilia, B., Gibradze, L., **Lee, D. J.** (2023, March). What is Quality to Research Data Repositories? *iConference*. Online Conference.

4. **Lee, D. J.** (2021, October). New features in Scholars@TAMU. *VIVO North America User Group Meeting*. Online Conference.

5. Herbert, B., **Lee, D. J.**, & Mejia, E. (2020, June). Research intelligence and the VIVO platform: A case study from Texas A&M University and a proposal for the VIVO community. *VIVO Conference*.

6. Lowe, D., Ho, J., **Lee, D. J.**, & Herbert, B. (2020, June). Integrating VIVO and the campus repository: Representing curated teaching materials in scholarly profiles of faculty in different career tracks. *VIVO Conference*. Online Conference.

7. **Lee, D. J.,** Hahn, D., Stvilia, B., & Wu, S. (2019, September). A framework for researcher engagement in RIMSs and its operationalization in a VIVO-based system. *VIVO Conference*. Podgorica, Montenegro.

8. Herbert, B., **Lee, D. J.**, Hahn, D., & Mejia, E. (2019, September). Using campus needs involving Tenure & Promotion, Interdisciplinary collaborations, and institutional research to drive the evolution of VIVO at Texas A&M University. *VIVO Conference*. Podgorica, Montenegro.

9. Welling, W., **Lee, D. J.**, Hahn, D., Savell, J., Day, K., Mejia, E., & Herbert, B. (2019, September). Scholars@TAMU." *VIVO Conference*. Podgorica, Montenegro. https://oaktrust.library.tamu.edu/handle/1969.1/177790

10. **Lee, D. J.,** Hahn, D., Mejia, E., Herbert, B., & Bolton, M. (2018, June). Engaging faculty with their profiles in Scholars@TAMU. *VIVO Conference*. Durham, NC.

11. Herbert, B., **Lee, D. J.,** Mejia, E., Bolton, M., & Hahn, D. (2017,August). Serving diverse scholarly narratives using an integrated RIM featuring VIVO. *VIVO Conference*. New York, NY.

12. Wu, S., **Lee, D. J**., & Stvilia, B. (2017, August) Engaging researchers in research information management systems. General Presentation Session, *VIVO Conference*. New York, NY

13. **Lee, D. J.**, Stvilia, B., & Wu, S. (2017, June*). Towards researcher participation in research information management systems*." *Open Repositories 2017*. Brisbane, Australia, June 28, 2017.

14. Moberly, H., **Lee, D. J.**, Carrigan, E., & Kessler, M. D. (2017, May). *Supporting the Next Generation of Texas A&M University Scholars*. *Qualitative and Quantitative Methods in Libraries International Conference*. Limerick, Ireland.

15. Wu, S., Stvilia, B., & **Lee, D. J.** (2016, October). *Exploring researchers' participation in online research identity management systems.* Juried Poster Session published in proceedings, *ASIS&T Annual Meeting*. Copenhagen, Denmark.

16. **Lee, D. J**., Mejia, E. V., Hahn, D., Herbert, B., & Bolton, M. (2016, August). *Classifying interdisciplinary research in Scholars @ TAMU.* Juried Poster Session, *VIVO Conference*. Denver, CO August 21, 2016. https://figshare.com/articles/Classifying_Interdisciplinary_Research_in_Scholars_TAMU/3644991

17. **Lee, D. J**. (2015, January). *Research data curation practices in institutional repositories with an emphasis on identifier schemas*. Poster presented at the *Annual Conference of the Association for Library and Information Science Education (ALISE)*, Chicago, IL.

18. **Lee, D. J.,** Witt, M., Urban, R. J. (2015, January). A metadata application profile for ORCID. Poster presented at the *Annual Conference of the Association for Library and Information Science Education (ALISE)*, Chicago, IL.

19. **Lee, D. J.,** Witt, M., Urban, R. J., & Plale, B. (2014, September). A metadata application profile for ORCID. Poster presented at the *Research Data Alliance (RDA) 4th Plenary Meeting*, Amsterdam, The Netherlands.

20. **Lee, D. J.**, & Stvilia, B. (2014, March). Developing data identifier taxonomy. Poster presented at the *2014 ASIST Research Data Access and Preservation (RDAP) Summit*, San Diego, CA.

21. **Lee, D. J.**, & Stvilia, B. (2014, January). *Data activities and identifier schemas*. Poster presented at the *Annual Conference of the Association for Library and Information Science Education (ALISE)*, Philadelphia, PA.

22. **Lee, D. J.**, & Stvilia, B. (2012, March). *A framework for identifier schema evaluation*. Poster presented at the *2012 ASIST Research Data Access and Preservation (RDAP) Summit*, New Orleans, LA.

Invited Presentation & Talks

1. **Lee, D. J.**, & Witt, M. (2014). *A metadata application profile for ORCID*. Invited talk about RDA Intern Report at Persistent Identifier (PID) Interest Group Session at RDA 4th Plenary Meeting, Amsterdam, The Netherlands. September 24, 2014.

GRANTS & FUNDED RESEARCH

Grants Proposal <u>Submitted</u> (Under Review)

- Towards sharing information on teaching scholarship in institutional research information management systems. *IMLS National Leadership Grants for Libraries*. (Proposal Submitted: September 2023).
  PI: Lee, D. J., Texas A&M University
  Co-PI: Ha, S., Department of Statistics, Texas A&M University
  Co-PI: Stvilia, B., Florida State University

Grants <u>Funded</u>

- Towards data quality assurance infrastructure for research data repositories. *Institute of Museum and Library Services, National Leadership Grants for Libraries.* (Funding Date: Aug. 2022 – Jan. 2024).
  TAMU**:** Co-PI: **Lee, D. J.**
  Other Institutions PI: Stvilia, B., Florida State University

- Towards engaging researchers in research identity data curation. *Institute of Museum and Library Services, National Leadership Grants for Libraries.* (Funding Date: 2016 - 2019).
  TAMU**:** Co-PI: **Lee, D. J.**
  Other Institutions PI: Stvilia, B., Florida State University; Co-PI: Wu, S. at Queens College, CUNY

- Social aspects of participation in online research identity management systems. *OCLC Library and Information Science Research Grant*. (Funding Date: January 2016 to January 2017).
  TAMU**:** Co-PI: **Lee, D. J.**
  Other Institutions PI: Stvilia, B., Florida State University; Co-PI: Wu, S. at Queens College, CUNY

- A metadata application profile for ORCID. *Research Data Alliance (RDA)/US Early Scholars Program*. (Funding Dates: Summer 2014).
  PI: **Lee, D.J.**, Florida State University

TEACHING

Mays Business School, Texas A&M University (2022 – present)

Course Deliveries
- Fall 2024. ISTM 489 Special Topic: Information Architecture in Business
- Fall 2023; Fall 2024. ISTM 320 Business Systems Analysis & Design
- Spring 2024. ISTM 685 Directed Studies

School of Information, Florida State University (2010 – 2015)

Teaching Assistant: Undergraduate Courses in B.S. in Information Technology
- LIS 2780 Database Concepts
- LIS 3793 Information Architecture

Teaching Assistant: Graduate Courses in M.S. in Information Technology
- LIS 5408 Management of Information Organizations
- LIS 5472 Digital Libraries

Certificate in Effective College Instruction
- Credential for post-secondary teaching recognized by the American Council on Education on 31st of March of the year 2023.
- Two semester long courses: Fall 2022 – Spring 2023
  - Designing learner-centered and equitable courses
  - Establishing a productive learning environment
  - Using active learning strategies
  - Promoting higher order thinking
  - Assessing to inform instruction and promote learning

AWARDS / HONORS

- **Scholarly Communications Award**, *Texas Digital Library*, 2022. Awarded to Scholars@TAMU Team: Lee, D. J., Potvin, S., Lowe, D., & Ho, J.
  The Scholarly Communications Award honors the work of an individual or group of academics, including faculty and librarians, who have made significant advances in our understanding of the issues surrounding scholarly communications.

- **Irene B. Hoadley Professorship in Academic Library Research**, *Texas A&M University Libraries*, 2018-2020. A monetary award of $1,000 and holding the Professorship (Professional development fund of $10,000 for 2018-20)
  This professorship is awarded to the University Libraries faculty who maintains impactful and productive research agenda.

- **Research Award**, *Research Data Alliance/US,* $8,200. May 27, 2014. https://www.rd-alliance.org/research-data-allianceus-announce-its-first-cohort-summer-interns.html
  Summer research fund and stipend & travel expense to the conference at Amsterdam, The Netherlands

ACADEMIC & PROFESSIONAL SERVICE

Editorial Board Membership

- Journal of Librarianship and Scholarly Communication, <u>Editorial Board</u> member, 2022. Method of selection: competitive — 2022

- Journal of Librarianship and Scholarly Communication, <u>Editorial Board</u> member, 2016-2019. Method of selection: competitive — 2016-2019

International and National Committees

- Steering Committee, International Forum on Expert Finder Systems https://expertfindersystems.org/index.cfm — 2023-present

- International VIVO Steering Group, VIVO Project, Lyrasis, https://wiki.lyrasis.org/display/VIVO/VIVO+Steering+Group — 2017-2020

- International VIVO Membership Task Force, VIVO Project, Lyrasis, https://wiki.lyrasis.org/display/VIVO/Membership+and+Community+Engagement+Interest+Group — 2018-2019

- International VIVO Ontology Improvement Task Force, VIVO Project, Lyrasis, https://wiki.lyrasis.org/display/VIVO/Ontology+Improvement+Task+Force — 2017-2018

- Greater Western Library Alliance (GWLA) Task Force on Research Data Management, 2016-2020. — 2016-2020

University Committees and Elected Offices

- Hiring Committee Member for Director of Digital and Scholarly Initiatives position, Texas A&M University Libraries   2023

- Member of Organizing Committee, 2022 Student Data Science Competition, Texas A&M Institute of Data Science (TAMIDS), Texas A&M University, [Competition Period: March 1, 2022 – April 19, 2022]   2022
  Delivered information session about bibliometric data and visualization tools; held weekly office hours to help guide student projects

- TAMU Libraries. Member of Committee on Appointment, Promotion, & Tenure   2022

- TAMU Libraries, Faculty Research Committee member   2017-2018

Department Services

- Ice Cream Social
  Ice Cream Social served by INFO Faculty & Staff; October 19, 2022; March 27, 2024

Workshops

- Establishing Your Scholarly Identity and Impact as Graduate Students   Spring 2023
  New Graduate Student Orientation, Graduate and Professional School, Texas A&M University (Workshop); Spring 2023; Fall 2018; Spring 2018; Fall 2017.

- Workshop: Got Tenure? Now What? - Enhancing Your Digital Identity   Spring 2022
  Workshop series from Faculty Affairs, Texas A&M University; Delivered 2-hour workshop for tenured faculty members at Texas A&M University. Topics includes (1) craft your scholarly narrative, (2) make your work accessible, and (3) justify your narratives with metrics.

- Dimensions: Use Cases at Texas A&M   Fall 2021
  Texas A&M University Libraries Workshop. October 2021.

- Establishing Your Scholarly Identity and Impact   Spring 2018
  Presented at VMID 689 – Foundations in Biomedical Graduate Education, College of Veterinary Medicine & Biomedical Sciences (Dr. David Kessler); Spring 2018; Fall 2017.

- The design and development of an integrated researcher profile system at Texas A&M to enrich scholarly identity of faculty   Spring 2016
  Special Forum: Exploring Linked Data for Libraries (Workshop); Texas Conference on Digital Libraries, Austin, TX. May 2016.

- Research data curation in institutional repositories   Spring 2014

Presented at LIS 5472 Digital Libraries, School of Information, Florida State University (Dr. Richard Urban); Spring 2014.

Peer Reviewer for

- Knowledge and Information Systems
- Big Data and Cognitive Computing
- PLoS ONE
- Informatics
- IEEE Access
- Library Hi-Tech
- Journal of Library Metadata
- Journal of Librarianship and Scholarly Communication
- Journal of Information Science Theory and Practice

Mentoring

- Sai Malneedi (2023-present): M.S. in Management Information Systems, Mays Business School, Texas A&M University

- Nehaal Hedge (2023-present): M.S. student in Management Information Systems, Mays Business School, Texas A&M University

- Faizan Ali (2022-2023): M.S. student in Information Technology, School of Information, Florida State University. Current position: Data Analyst at **Deloitte**.

- Suyash Charvan (2021): M.S. student in Department of Industrial & Systems Engineering. Current position: Supply Chain Analyst at **Tesla**.
  Suyash worked with me on a collaborative research project during Summer 2019 and subsequently interned as a Supply Chain Analyst at Tesla during Fall 2019 & Spring 2020.

- Kartik Mutya (2019): M.S. student in Department of Industrial & Systems Engineering. Current position: Data Scientist III at **Google**.
  Kartik worked with me on a research project during Summer 2018 and was hired as a Data Scientist at Google in August 2019.
  Exploring scholarly impact metrics in receipt of highly prestigious awards. Lecture Notes in Computer Science, (2019): 147-153. https://doi.org/10.1007/978-3-030-15742-5_13

TECHNICAL COMPETENCY

- Data Analysis – SPSS, NVivo, Open Refine, R
- Visualization: VOSViewer, Tableau
- Research Information Management Systems: VIVO, Digital Sciences' Symplectic Elements
- Repository software: DSpace, Digital Commons, Fedora
- Database Management – MySQL

- Programming Language –HTML, CSS, JavaScript, C++