

Sang Hoo Oh

Assistant Professor
Department of Information Sciences
The Catholic University of America
620 Michigan Ave. N.E., Washington, DC 20064
ohs@cua.edu

RESEARCH & TEACHING INTERESTS

- Ethical, Legal and Social Implications of Emerging Technologies (AI, Big Data, and IoT)
- AI Governance and Policy
- Social Informatics
- Computational Social Science
- Future of Work

EDUCATION

Florida State University (Tallahassee, FL) Ph.D. in Information Studies	Spring 2023
Yonsei University (Seoul, Korea) M.S. in Information Systems	Spring 2016
Indiana University at Bloomington (Bloomington, IN) B.S. in Public Affairs	Spring 2014

ACADEMIC APPOINTMENT

Catholic University of America Assistant Professor, Department of Information Sciences	Fall 2024 - Present
University of Illinois at Urbana-Champaign Postdoctoral Research Associate, School of Information Sciences	Fall 2023 – Summer 2024
Florida State University Graduate Lead Instructor & Graduate Research Assistant, School of Information	Fall 2017 – Spring 2023

PUBLICATIONS

Peer-Reviewed Journal Articles

Oh, S. H. (Under Review). The Impact of Artificial Intelligence on the Future Workforce.

Oh, S. H., & Mardis, M. A. (2019). Rural Broadband and Advanced Manufacturing: Research Implications for Information Studies. *Lecture Notes in Computer Science*, vol 11420, 265-273. Springer, Cham.

Kim, S. H., **Oh, S. H.,** & Lee, B. G. (2016). Stimulating Commercial Drones with Open Spectrum Paradigm. *International Journal of Management and Sustainability*, 5(10), 79-86.

Book Chapters

Lund, B., Lamba, M., & **Oh, S.H.** (Forthcoming). The Impact of AI on Academic Research and Publishing. In Friese, H. (Eds.) *The Second Edition of the Handbook Social Practices and Digital Life-Worlds*. Springer VS

Peer-Reviewed Conference Proceedings

Oh, S.H., & Sanfilippo, M.R. (Accepted). University Governance for Responsible AI. In *Proceedings of the ALISE Annual Conference, 2024*.

Silva, E., Kilhoffer, Z., **Oh, S.H.,** Sanfilippo, M.R. (Under Revision). Global Influences on Emergent AI Regulation.

Oh, S.H., Mardis, M.A., & Jones, F.R. (2020). Preparing the Future Workforce in Advanced Manufacturing: The Case of South Korea. In *Proceedings of 2020 ASEE Annual Conference & Exposition*.

Oh, S.H., Mardis, M.A., & Jones, F.R. (2019). Analyzing and comparing three competency models of manufacturing. In *Proceedings of 2019 ASEE Annual Conference & Exposition*.

Oh, S.H., Lee, C.W., & Lee, B.G. (2016). What Would be the Suitable Domain Name for the IoT Era? In *2016 International Conference on Education, Management, and Applied Social Science (EMASS 2016), Beijing, China*.

PRESENTATIONS

Oh, S.H. (2023, Oct). The Impact of Artificial Intelligence on the Future Workforce: The Case of Advanced Manufacturing. Poster presented at the Doctoral Student Research Poster Competition of the *Annual Conference of the Association for Library and Information Science Educators (ALISE)*, Milwaukee, WI.

Oh, S.H. (2023, Feb). The Impact of AI on the Future Workforce. Invited research presentation at the *Discover Partners Institute R&D Webinar*.

Oh, S.H. (2021, Oct). The Impact of AI on Information Technology Workforce. Lightning talk presented at the *2021 ASIS&T SIG AI Workshop on Artificial Intelligence in Information Research and Practice: Fostering Interconnected Communities*.

Oh, S.H., Mardis, M.A., Jones, F.R., & McClure, C.R. (2018, Oct). Analyzing and comparing three competency models of manufacturing. Poster presented at the *25th Annual NSF ATE Principal*

Investigators' Conference, Washington, DC.

Mardis, M.A., Jones, F.R., Bouvin, D., McClure, C.R., Pahuja, D., **Oh, S.H.**, Baeg, J.H., & Tenney, C.S (2018, Oct). Assessing educational pathways for manufacturing in rural communities: An investigation of new and existing programs in Northwest Florida. Poster presented at *the 25th Annual NSF ATE Principal Investigators' Conference, Washington, DC.*

Baeg, J.H., Mardis, M.A., Jones, F.R., **Oh, S.H.**, & McClure, C.R. (2018, Feb). How IT education can prepare students for the IT workforce: Opportunities or challenges? Poster presented at *the Annual Conference of the Association for Library and Information Science Educators (ALISE), Denver, CO.*

RESEARCH EXPERIENCE

Information Use Management and Policy Institute, Florida State University

Graduate Research Assistant

2017 - 2023

- Project: Assessing Educational Pathways for Manufacturing in Rural Communities (**Full-Scale NSF Project**)

Communication Policy Research Center, Korea

Research Fellow

2016 - 2017

- Project: Internet Governance Project
(**Ministry of Science and ICT, Korea Funded Project**)

ITR&D Lab, Yonsei University, Korea

Research Assistant

2014 - 2016

- **Project:** ITRC (Information Technology Research Center) Project
(**Ministry of Science and ICT, Korea Funded Project**)

TEACHING EXPERIENCE

Instructor, Catholic University of America

LSC 527 / 327 - Introduction to Data Science (In-Person)

Fall 2024

LSC555 / 255 - Information Systems in Libraries and Information Centers
(In-Person)

Fall 2024

Co-Instructor, University of Illinois at Urbana-Champaign

IS 202 – Social Aspects of Information Technologies (In-Person)

Fall 2023

Spring 2024

Instructor of Record, Florida State University

LIS 3353 – Information Technologies (Hybrid)

Fall 2021

LIS 3353 – Information Technologies (Online)

Summer 2021

LIS 3353 – Information Technologies (Hybrid)

Spring 2021

LIS 3353 – Information Technologies (Online)

Fall 2020

Teaching Assistant, Florida State University

LIS 4910 – IT Project Management (Online)

Spring 2022

LIS 3353 – Information Technologies (In-Person)

Fall 2019

LIS 5411 – Introduction to Information Policy (Online)

Spring 2019

Fall 2018

Teaching Assistant, Yonsei University

Digital Economy (In-Person)

Digital Convergence (In-Person)

Fall 2014

Fall 2014

GRANTS & SCHOLARSHIPS & HONORS

2020 Recipient of ACM Special Interest Group On MIS Research Grant (\$3000)

- A recipient of Association for Computing Machinery (ACM) SIGMIS Research Grant

2019 Florida State University Congress of Graduate Students Travel Grant (\$200)

- Travel grant given to individual graduate students who are presenting research at a conference

2018 Florida State University Congress of Graduate Students Travel Grant (\$200)

- Travel grant given to individual graduate students who are presenting research at a conference

2017 Florida State University Graduate School Dean's Scholarship (\$1000)

- Scholarship given to graduate students at Florida State University

2016 Selected Participant, Asia Pacific Internet Governance Academy, Korea

- Selected as one of participants for Internet Governance Academy hosted by ICANN (Internet Corporation for Assigned Names and Numbers) & KISA (Korea Internet and Security Agency)

2016 Recipient of Achievement Award, ITR&D Lab, Yonsei University

- An award given to a graduate student who has made significant contributions to ITR&D Lab

2014 Brain Korea 21 Scholarship (\$3000)

- Scholarship given to graduate students by National Research Foundation of Korea

SERVICE EXPERIENCES

Department of Information Sciences, Catholic University of America

Scholarship & Awards, Chair

2024 - Present

Curriculum Committee, Member

2024 - Present

School of Information Sciences, University of Illinois at Urbana-Champaign

AI Curriculum Committee Member, School of Information Sciences

2024 - 2024

European Conference for Information Systems 2021

Guest Reviewer

2021

School of Information, Florida State University

Search Committee, Member

2019 - 2021

PROFESSIONAL AFFILIATIONS

Association for Library and Information Science Education (ALISE)

TECHNICAL SKILLS

Data Analysis: Python / SPSS / R