

Loni Hagen
Associate Professor of Data Science,
University of South Florida

School of Information,
4202 E. Fowler Ave, CIS 1040,

The goal of the project is to investigate the role of the public sector in response to the rise of Artificial Intelligence.

2016 Distinguished Dissertation Award, College of Engineering and Applied Sciences, University at Albany, SUNY

PUBLICATIONS

Underscore indicates students.

Report:

1. **Hagen, L.**, Neely, S., Eldredge, C., and Qadir, H. (2020), “Social Bots and Disinformation in Cyber-Discussions of COVID19,” submitted to Cyber Florida

Book Chapters:

2. **Hagen, L.**, Harrison, T. M., Dumas, C. (2018), “Data Analytics for Policy Informatics: The Case of E-Petitioning,” **Book chapter** for *Policy Analytics, Modelling, and Informatics: Innovative Tools for Solving Complex Social Problems*, Springer. ISBN 13: 978-3319617619
3. Dumas, C., Harrison, T. M., **Hagen, L.**, & Zhao, X (2017). “What Do the People Think?: E-Petitioning and Policy Decision Making.” In A. A. Paulin, L. G. Anthopoulos, & C. G. Reddick (Eds.), *Beyond Bureaucracy* (pp. 187–207). Springer International Publishing. ISBN: 978-3-319-54141-9; 978-3-319-54142-6

Refereed Journal Article:

Hagen, L., (under review), “Social Media Bots, and Best Practices for Dealing with Them”

1. **Hagen, L.**, Patel, M. & Luna Reyes, L.F. (accepted) “Supervised Data Science for City Governments: A Data Science Project Using a Local 311 Citizen Request Data,” *Journal of the Association for Information Science and Technology*.

2. DePaula, N., **Hagen, L.**, Roytman, S., and Alnahass, D., (2022), “Platform effects on health

Artificial Intelligence: Message design and audience engagement *across* (ct)-6 (i)-2 (e)4 (r)3 (a)4 (nd)

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7. Hernandez, R.G., **Hagen, L.**, Walker, K., O'Leary, H., & Lengacher, C., (2021), The COVID-19 Vaccine Social Media Infodemic: Healthcare Providers' Missed Dose in Addressing Misinformation and Vaccine Hesitancy, *Human Vaccines & Immunotherapeutics*, 17(11). (H-Index: 58, Impact Factor: 2.619)
8. Shah, C., Anderson, T., **Hagen, L.**, and Zhang, Y. (2021), An iSchool Approach to Data Science: Human-Centered, Socially Responsible, and Context-Driven, *Journal of the Association for Information Science and Technology*, 72(6), p. 793-796. (H-Index: 145, Impact Factor: 2.687).
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19. **Hagen, L.,**

2012 **Hagen, L.,**

- 2021 **Hagen, L.**, Greyson, D., Fox, A., Koltai, K., & Dumas, C., “Social Media, Vaccines, and Partisan Division of Health Information (SIG-SM)” *The Association for Information Science and Technology*, Salt Lake, Utah, **Panel**
- 2021 Karami, A., **Hagen, L.**, Dumas, C., Ilhan, A., Jarrahi, M. H., & Zimmerman, T., “Social Media Research, Challenges, and Opportunities (SIG-SM)” *The Association for Information Science and Technology*, Salt Lake, Utah, **Workshop**
- 2021 **Hagen, L.**, et al. “Open Government and Open Data in Times of COVID-19,” in the 22th Annual *International Conference on Digital Government Research*, **Panel**
- 2021 Kim, D., et al. “Opportunities and Risks in Intelligent Governance and Smart City” in the 22th Annual *International Conference on Digital Government Research*, **Workshop**
- 2020 Simmons, R., **Hagen, L.**, Rhinesmith, C., Singh, V., Zhu, X., & Philips, A., Workshop, Part 1&2: Sociotechnical Change Agents: ICTs, Sustainability, and Global Challenges (SIG-SI, SIG-SM, SIG-IEP), **Workshop**
- 2020 **Hagen, L.**

- 2018 Kim, D.W., Kwon, H., Jun, D., Lee, E., **Hagen, L.**, & Chun, S., “Opportunities and Challenges in the Intelligent Society: Smart Cities, Digital Inclusion, and Cybersecurity,” **Workshop**, *the 19th Annual International Conference on Digital Government Research*, May 30 – June 1, Delft, the Netherlands
- 2017 Taylor, N.G., **Hagen, L.**, Bashir, M., Dincelli, E., & Unsworth, K., “Wearable Devices: Information Privacy, Policy, and User Behavior,” **Panel**, *The Association for Information Science and Technology*, Oct. 28 – Nov. 1, Washington D.C. (Crystal City, Virginia), USA
- 2016 Sung W.J., **Hagen, L.**, & Chun, S.A. “Cyber Security in Korea and US: State-of-the-art Policies and Future Collaboration,” **Symposium**, June 13, 2016, Seoul, Korea
- 2016 **Hagen, L.**, Sung W.J & Chun, S.A. “Cyber Security in Governments around the World: Initiatives and Challenges,” **Workshop**, *Digital Government Conference*, June 8-10, 2016, Shanghai, China
- 2016 Vasquez, F., **Hagen, L.**, & Lee J. “e-Participation: Systems, Actors, Policy and Research,” **Sessions for Interaction and Engagement**, *iConference—Partnership with Society*, March 20-23, 2016, Philadelphia, PA.
- 2015 **Hagen, L.**, Kropczynski, J., Dumas, C., Lee J., Vasquez, F., & Rorissa, A., “Emerging Trends in the Use and Adoption of E-participation Around the World,” **Panel**, *The Association for Information Science and Technology—Information Science with Impact: Research in and for the Community*, November 6-10, 2015, St. Louis, Missouri
- 2013 **Hagen, L.**, DePaula, N., Dincelli, E., Caidi, N., & Rorissa, A. “Electronic Government around the World: Current Trends and Future Prospects.” **Panel**, *The Association for Information Science and Technology—Beyond the Cloud: Rethinking Information Boundaries*, November 1-6, 2014, Montreal, Canada

2020 Panelist in “Working collaboratively, apart: Bringing together research on COVID-19” at Workshop: Sociotechnical Change Agents: ICTs, Sustainability, and Global Challenges (SIG-SI, SIG-SM, SIG-IEP), In the 2020 Annual Meeting of the Association for Information Science and Technology, October 31-November

2013 “Government 3.0 of South Korean Government: What has been

GRANT PROPOSALS (PENDING OR NOT FUNDED)

External Funds

1. 2023 Agency: NCCIH I.D.#: PAR-20-240 (R34) Title: “Feasibility Testing of a Virtual MBSR(C) and ASCE Program among Caregivers of Advanced Stage Cancer Survivors.” MPI: C. Lengacher, C. Rodriguez Percent effort: 5% Amount requested: \$703,169 Project submitted: February 2023 Project status: Pending
2. 2022 Agency: NCI I.D.#: PAR-20-180 (R01 Clinical Trial) Title: Effectiveness testing of a virtual MBSR(BC) Pof2 -1h2.7eT/t?20mect\$6 (ncf)3 (a)4 65 Tde: Pty0.88 f a PeeBed:subm.”iPy0.88 f

10. 2018 Submitted “The Future of an Informed Society: Initial Proposal” to Knight Foundation (PI: Giovanni Luca Ciampaglia at The Poynter Institute, **Role: Co-I**), (Amount requested: \$4,601,559).
11. 2017 FC2 Collaborative Seed Program, “Automatic Detection of Vague Content in Privacy Policies Using Natural Language Processing and Deep Learning Techniques,” Role: Co-PI, (Amount requested: \$50,000).

Internal Funds

1. 2021 USF Rapid response program, “Feasibility of a Virtual Mindfulness-Based Stress Reduction Breast Cancer (vMBSR(BC)) Program on Health Outcomes among African American and Hispanic Breast Cancer Survivors” P.I. C. Lengacher, **Role: Co-I**, (Amount requested: \$19,432), Submitted: March 2021
2. 2021 USF Sarasota Manatee campus Interdisciplinary Research Grant, “vMBSR(C) Feasibility Pilot Study for Caregivers of Advanced Stage Cancer Patients” **Role: Co-I**, (Amount requested: \$19,943).
3. 2021 Johns Hopkins All Children’s Foundation Institutional COVID-19 Related Research Grants “Pediatric COVID-19 Vaccine Acceptance: A Multi-Scalar Assessment of Diverse Parental and Youth Attitudes Integrating National Social-Media and Community-Based Perspectives to Promote Diversity, Equity and Inclusion”, **Role: Co-I**, (Amount requested: \$99,209).
4. 2020 The USF COVID19 Rapid Response Research Grants, “Identifying Diverse Barriers to COVID-19 Vaccines: Developing Mixed Method Big-

2. 2018 Letter of Intention, USF Strategic Investment Pool Awards, “Center for Social Science Informatics,” **Role: PI**, (Amount requested: \$50,000).
3. 2017 **[External]** Submitted an executive summary, BAA Number: DARPA-BAA-16-46, DARPA, “Inference and Control of Online Social Dynamics and Human Society,” PI: Dr. Kwang-Cheng Chen, **Role: Co-PI**.
4. 2016 **[External]** Russell Sage Foundation’s special initiative on Computational Social Science, “Which Words Matter? A Text Analytics Classification Model for E-Petitions,” *Letter of Inquiry*, **Role: Co-PI**.

PROFESSIONAL WORK EXPERIENCE

- | | |
|-------------|---|
| 2015 | Consultant, Data mining and business analytics, DoubleU Games, Seoul, Korea |
| 1996 –2016 | Police Officer, Korean National Police Agency, Seoul, Korea |
| 2011 | Police Performance Management Specialist: Lieutenant, Mapo Police Station, Seoul, Korea |
| 2005 – 2006 | Policy Analyst, Information Resource Specialist and e-Government homepages, Sexual Harassment Policy Specialist, Executive Secretary for the Commissioner’s wife, Headquarters of the Korean National Police Agency, Seoul, Korea |
| 1996 – 1997 | Officer in Charge: Sub-station, Criminal Investigator: Lieutenant, Guro Police Station, Seoul, Korea |

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2001 – 2004 Long-term Abroad Scholarship for Public Servants—**Granted to one national police officer per year** by the Korean government—in support of studies at the

- Information Systems, International Conference on Digital Government, Annual Meetings of the Association for Information Science and Technology
- 2014 – 2015 SIG III Mentorship coordinator, ASIS&T
- 2014 – 2015 Graduate Research Assistant for *Project Petition*, Collaborative and multidisciplinary research project to develop a grant proposal for National Science Foundation, SUNY Albany
- 2014 Doctoral Student Representative, Faculty Search Committee, Informatics Department, SUNY Albany
- 2012 Organizer, 8th New Trends in Computer and Information Research Conference, SUNY Albany
- 2004 – 2005 Assistant Policy Analyst, Mitsubishi Research Institute, Tokyo, Japan

PROFESSIONAL ASSOCIATIONS

American Society for Information Science and Technology (ASIS&T)
Association for Computing Machinery (ACM)
Korean International Cybercrime Research Group
Digital Government Society (DGO)
iConference

LANGUAGES

Japanese and English: Fluent; Korean: Native