Anna N. Baglione

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EDUCATION

2021 (Expected) **PhD in Systems Engineering**, University of Virginia

2018 **M.S. in Informatics**, Indiana University

2016 **B.S. in Computer Science and Engineering**, The Ohio State University
Cum Laude, With Honors in Engineering

RESEARCH EXPERIENCE

2018 - Present ***Graduate Researcher***, *Link Lab & Sensing Systems for Health Lab,* University of Virginia
Supervisor: Laura Barnes, PhD
Focus Areas: mHealth for mental health, user engagement, digital phenotyping

2016 - 2018 ***Graduate Researcher***, Proactive Health Informatics Lab, Indiana University
Supervisor: Patrick C. Shih, PhD
Focus Area: Grieving in the digital age

2015 ***Undergraduate Researcher***, The Ohio State University
Supervisor: Johanna C. Devaney, PhD
Focus Area: Music information retrieval

2015 ***NSF REU Intern****, Center for Computation and Technology,* Louisiana State University
Supervisors: Stephen David Beck, PhD and Christopher Branton, PhD
Focus Area: Digital laptop orchestras; Internet of Things

2013 ***NSF REU Intern****, Virtual Reality Applications Center,* Iowa State University
Supervisor: Stephen Gilbert, PhD
Focus Area: Intelligent Tutoring Systems

PUBLICATIONS

2019 Mendu, S., Boukhechba, M., **Baglione, A.**, Baee, S., Wu, C., and Barnes, L. *SocialText: A Framework for Understanding the Relationship between Digital Communication Patterns and Mental Health*. 2019 International Workshop on Semantic Computing for Social Networks and Organization Sciences (SCSN 2019).

2018 **Baglione, A.**, Girard, M. M., Price, M., Clawson, J., & Shih, P. C. *Modern Bereavement: A Model for Complicated Grief in the Digital Age*. Paper accepted to the 2018 SIGCHI Conference on Human Factors in Computing Systems (CHI 2018). ACM, New York City, NY, 2018.

2017 Natarajan, S., Prabhakar, A., Ramanan, N., **Baglione, A.**, Connelly, K., & Siek, K. *Boosting for Postpartum Depression Prediction*. Proceedings - 2017 IEEE/ACM 2nd International Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE 2017). IEEE Press, Piscataway, NJ, 2017.

PRESENTATIONS / SYMPOSIA

2017 **Baglione, A.,** Girard, M. M., Price, M., Clawson, J., & Shih, P. C. *Mobile Technologies for Grief Support: Prototyping an Application to Support the Bereaved.* Poster presented at the Workshop on Interactive Systems in Healthcare (WISH) 2017 in Washington, D.C

2016 **Baglione, A.,** Branton, C., & Beck, S.D. (2016, February). *OOT Client-Server Implementation: First Steps in the Orchestra of Things.* Paper presented at the SEAMUS 2016 National Conference, Statesboro, GA.

2015 **Baglione, A.,** Branton, C., & Beck, S.D. (2015, October) *Many Devices, One Orchestra: An Internet of Things Approach to Collaborative Digital Music.* Poster Presented at the Council on Undergraduate Research (CUR) Symposium 2015, Arlington, VA

FELLOWSHIPS / GRANTS

Peter and Crisler Quick Fellow, Jefferson Scholars Foundation; $10,000 / academic year

PROFESSIONAL ACTIVITIES AND SERVICE

2019 - Present ***Mental Health Subcommittee Co-Leader***, Graduate Engineering Student Council (GESC), University of Virginia
2018, 2019 ***Link Lab Student Representative*** at Grace Hopper National Conference, University of Virginia
2017 ***Graduate Student Mentor***, Proactive Health Informatics REU, Indiana University
2017 - 2018 ***Treasurer***, Graduate Informatics Student Organization (GISA), Indiana University
2016 - 2017 ***Student Volunteer Coordinator***, School of Informatics, Computing, and Engineering (SICE) Prospective PhD Student Visit Weekend, Indiana University

PROFESSIONAL AFFILIATIONS / MEMBERSHIPS

2018 - Present **Jefferson Scholars Foundation** at the University of Virginia
2016 - Present **Upsilon Pi Epsilon** International Honor Society for the Computing and Information Disciplines

PRIMARY PROGRAMMING LANGUAGES

Python, R, HTML/CSS/JavaScript

RELEVANT COURSEWORK

Graduate Level

- ***Statistical Modeling:*** Probability and Stochastic Processes; Evidence Informed Systems Engineering
- ***Machine Learning*:** Data Mining; Applied Machine Learning
- ***Natural Language Processing*:** Text Mining

Undergraduate Level

- ***Psychology:*** Introduction to Cognitive Neuroscience; Introduction to Psychology
- ***Statistics*:** Introduction to Statistics for Engineers
- ***Mathematics:*** Ordinary and Partial Differential Equations; Linear Algebra; Calculus II