

Yvonne Appiah Dadson

Doctoral Student, Information Sciences

Research Assistant, Extreme Events, Social Equity, and Technology Laboratory

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EDUCATION

- 2021 – 2025 (expected) **Ph.D. Information Science**, University at Albany – The State University of New York. *Concentrations*: Data Analytics and Information for Risk in Emergency Management & Security (IRES). *Dissertation Advisor*: Dr. DeeDee Bennett-Gayle
- 2019 – Dec. 2020 **Master of Public Administration**
University of North Texas
- 2013 – 2015 **Master of Philosophy in Economics**, University of Ghana
Thesis Title: Examining the Effects of Fiscal Deficits on Inflation in Ghana
Thesis co-Chairs: Dr. Emmanuel Codjoe and Dr. Baah-Boateng
- 2004 – 2008 **Bachelor of Arts in Economics**, Kwame Nkrumah University of Science and Technology, Ghana. *Final-year dissertation*: The Contribution of Rural Banks to Rural Poverty Reduction: A case study of Kumawuman Rural Bank
Supervisor: Dr. Anthony Kofi Osei- Fosu
- 2012 **Professional Banking & Finance Program (Level I & II)**
The Chartered Institute of Bankers (GH), Ghana

POSITIONS and APPOINTMENTS

- 2022 – Present **Graduate Research Assistant**, Extreme Events, Social Equity and Technology (E²SET) Laboratory, University at Albany, SUNY, Albany, NY.
- 2021 **Graduate Assistant** – Dean's Office, College of Emergency Preparedness, Homeland Security and Cybersecurity (CEHC), University at Albany, SUNY, Albany, NY
- 2020 **Research Assistant**, Department of Geography and the Environment, University of North Texas., Denton TX
- 2018 – 2019 **Supervisor (Awutu-Senya East)**, *Ghana Census of Agriculture*, Ghana Statistical Service
- 2017 – 2018 **Consultant**, Pentax Management Consultancy Services Limited

2016 – 2017	Junior Business Associate , Plan Consult
2016	Survey Assistant , Ghana Social Accountability Mechanism (GSAM) Project, Institute of Statistical, Social & Economic Research (ISSER), University of Ghana
2013-2015	Tutor , Insanniya Senior High School, Ghana
2011-2013	Tutor, National Competing Center (NCC-UK) Diploma Courses , IPMC – College of Technology
2009 – 2011	Sales Representative , God’s Grace Enterprise
2008 - 2009	National Service Personnel , Global Access Services Limited

RESEARCH INTERESTS

Socially vulnerable populations specifically immigrant populations; assistive technologies; privacy concerns and advanced technologies.

AWARDS and HONORS

2024	Bill Anderson Fund Fellow
2024	SIG-USE Student Travel Award
2024	Northeast Chapter of the Association for Information and Technology (NEASIS&T) Conference Support Award
2023	Best Paper Reviewer Award , 86th Annual Meeting of the Association for Information and Technology (ASIS&T).
2023	Best Research Paper , 20th International Conference on Information Systems for Crisis Response and Management (ISCRAM 2023).
2022	Best Poster Award , New York Celebration of Women in Computing (NYCWic).
2021	Graduate Assistantship and Tuition Scholarship , Department of Information Science, University at Albany, SUNY.
2020	Graduate Research Assistantship and Tuition Scholarship , Department of Geography and the Environment, University of North Texas.
2019	HPS/PADM Charldean Newell Graduate Public Administration Scholarship , Department of Public Administration, University of North Texas.
2019 – 2020	Outreach Multicultural Scholastic Award , University of North Texas.

PUBLICATIONS

Journal Articles (Peer-reviewed)

1. Kumi-Yeboah, A., Kim, Y., Yankson, B., Aikins, S., & **Dadson, Y. A.** (2023). Diverse students' perspectives on privacy and technology integration in higher education. *British Journal of Educational Technology*, 54(6), 1671–1692. <https://doi.org/10.1111/bjet.13386>
2. Opong, J. R., **Dadson, Y. A.**, & Ansah, H. (2022). Africa's innovation and creative response to COVID-19. *African Geographical Review*, 41(3), 318–335. <https://doi.org/10.1080/19376812.2021.1897635>

Conference Proceedings (Peer-reviewed)

1. Bennett Gayle, D., **Dadson, Y. A.**, Goodarzi, M. & Yuan, X.-J., D., (2024). COVID-19 Mobile Applications for Vaccination in New York State (NYS). *2025 Hawaii International Conference on System Science – Security and Privacy Challenges for Healthcare*. (**Accepted**).
2. Yankson, B., Berkoh, E., Hussein, M., & **Dadson, Y.** (2024). The Role of Industry-Academia Partnerships Can Play in Cybersecurity: Exploring Collaborative Approaches to Address Cybercrime. *International Conference on Cyber Warfare and Security*, 19(1), 26–33. <https://doi.org/10.34190/iccws.19.1.2169>
3. Yuan, X., Bennett Gayle, D., Jung, E. S., & **Dadson, Y. A.** (2023). COVID-19 Contact Tracing Mobile Applications in New York State (NYS): An Empirical Study. In H. Degen, S. Ntoa, & A. Moallem (Eds.), *HCI International 2023 – Late Breaking Papers* (pp. 505–524). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-48057-7_32
4. Bennett Gayle, D., Yuan, X., **Dadson, Y. A.** & Edwards, N. (2023). Contact Tracing Mobile Application in New York: Qualitative Study on the Use and Privacy Perceptions. *Proceedings of 20th Annual Global Conference on Information Systems for Crisis Response and Management (ISCRAM 2023)* Omaha, NE May 27-31, 2023, **Best Paper Award**.
5. Yuan, X., Bennett Gayle, D., **Dadson, Y.**, & Jung, E. (2022). Perception and Use of COVID Contact Tracing Mobile Applications in New York State (NYS). *Proceedings of the Association for Information Science and Technology*, 59(1), 845–847. <https://doi.org/10.1002/pra2.746>
6. **Dadson, Y. A.**, Ottah, A. N., & Caramancion, K. M. (2023). A Demographic Model to Predict Arrests by Race: An Exploratory Approach. In S. Latifi (Ed.), *ITNG 2023 20th International Conference on Information Technology-New Generations* (Vol. 1445, pp. 427–430). Springer International Publishing. https://doi.org/10.1007/978-3-031-28332-1_49

WORKING PUBLICATIONS

Book Chapters

1. Edwards, N., **Dadson, Y. A.**, Bennett Gayle, D., and Yuan, X.-J. (2024). Discussions on COVID-19 Mobile Apps: Insights into Mental Health in NYS. (**Submitted**).

2. **Dadson, Y. A.**, Mohammed, Z., Hussein, M., Armah, Y. E. & Kumi-Yeboah, Alex. (2024). Ethics and privacy in AI-education: Prospects and challenges in higher education. (**Submitted**).

Journal Articles (Peer-reviewed)

1. **Dadson, A. Y.**, Bennett-Gayle, D., Ramenzoni, V., and Gilmore, E. (2024). Challenges Immigrants Face During Disasters: A Systematic Literature Review. *Human and Ecological Risk Assessment journal (under review)*.
2. Bennett Gayle, D., **Dadson, Y. A.**, Goodarzi, M. & Yuan, X.-J., D., (2024). COVID-19 Vaccination Mobile Applications in New York State (NYS). Will submit to the *Journal of Natural Hazards Review*.
3. **Dadson, Y. A.** (2023). Sub - Saharan Immigrants and Financial Recovery from Disasters.
4. **Dadson, Y. A.** (2023). A Review of the Security Challenges with Mobile Money Systems in sub-Saharan Africa.

CONFERENCE PRESENTATIONS AND POSTERS

Presentations:

1. **Dadson, Y. A.**, Bennett Gayle, D., & Yuan, X.-J., D., (2024). Analyzing Public Reactions to the April 2024 Northeast U.S. Earthquakes Using YouTube: Implications for People-Centric Risk Communication. *ASIS&T 2024 SIG-USE Symposium (Virtual)* (October 4th, 2024).
2. **Dadson, Y. A.**, Bennett-Gayle, D., Ramenzoni, V., and Gilmore, E. (2024). Challenges collecting Climate-related Perspectives from Immigrant Communities in Philadelphia. *Megalopolitan Coastal Transformation Hub (MACH) Annual Meeting 2024; Rutgers University Camden Campus Center*. (May 28 – 30, 2024).
3. **Dadson, Y. A.**, Bennett-Gayle, D., Ramenzoni, V., and Gilmore, E. (2024). Discussions on COVID-19 Mobile Apps: Focus Group Insights into Mental Health in New York State. *2024 iConference Workshop 248 - Artificial Intelligence and Mental Health, China (virtually)*. (April 21, 2024).
4. **Dadson, Y. A.** (2023). Challenges and Concerns of Immigrants During Disasters. *Megalopolitan Coastal Transformation Hub (MACH) Annual Meeting 2023; Rutgers University Camden Campus Center*. (May 30 – June 1, 2023).
5. **Dadson, Y. A.** (2023). Experiences of Immigrants During Disasters. *Ben Ami Lipetz Conference: New Trends in Information Research (NTIR) College of Emergency Preparedness, Homeland Security and Cybersecurity, University at Albany- State University of New York*. (April 2023, Emerging Technology & Entrepreneurship Complex, ETEC Lobby).

Posters:

1. **Dadson, Y. A.** Bennett-Gayle, D., Ramenzoni, V., and Gilmore, E. (2024). Impacts of Disasters on Immigrant Populations in the U.S.: A Systematic Literature Analysis. *49th Annual Natural Hazards Research and Applications Workshop*. (July 14 – 17, 2024).
2. **Dadson, Y. A.** Bennett-Gayle, D., Ramenzoni, V., and Gilmore, E. (2024). Disaster Impacts on Immigrant Populations in the U.S.: A Systematic Literature Analysis. *Disaster Research Center 60th Anniversary Workshop, University of Delaware*. (May 2 – 4, 2024).
3. **Dadson, Y. A.** (2023). Challenges Immigrants Face During Disasters: A Systematic Literature Review. *FEMA's 25th Annual Emergency Management Higher Education (HiEd) Symposium*. (June 5-7, 2023).
4. Yuan, X., Bennett Gayle, D., **Dadson, Y.**, & Jung, E. (2022). Perception and Use of COVID Contact Tracing Mobile Applications in New York State (NYS). *85th Annual Meeting of the Association for Information Science and Technology, Wyndam Grand | Pittsburgh, 2022*. (October 31st, 2022). [*Proceedings of the Association for Information Science and Technology*, 59(1), 845–847]. <https://doi.org/10.1002/pra2.746>
5. **Dadson, Y.A.** (2022). Sub – Saharan Immigrants and Financial Recovery from Disaster. *Student Research Showcase, College of Emergency Preparedness, Homeland Security and Cybersecurity, University at Albany- State University of New York*. (April 2022).
6. **Dadson, Y. A.** & Ottah, A. (2022). A Demographic Model to Predict Arrests by Race: An Exploratory Approach. *New York Celebration of Women in Computing (NYCWIC)*. (April 2022).

Abstract:

1. **Dadson, Y. A.** Bektaş, N. & Gautam, R. (2023). Enhancing Community Resilience Against Earthquakes: A Study of Existing Buildings in Western Region, Nepal. *2023 NHERI Graduate Student Council Virtual Mini-Conference*. (May 2023).

Participation:

1. Bennett-Gayle D. & **Dadson Y. A.** (2024). State of the Community (2019-2023). *The 26th Annual Federal Emergency Management Agency Higher Education Symposium. National Emergency Training Center Campus, Emmitsburg, Maryland*. (June 3-5, 2024).

GRANT FUNDING

2022 - Present

Graduate Research Assistant: Large-scale CoPe: Megalopolitan Coastal Transformation Hub (MACH): Improving the Understanding and

Governance of Co-Evolving Hazards, Development, and Coastal Processes.
National Science Foundation. PI: Robert Kopp (Rutgers). \$19,949,000 Sub

TEACHING EXPERIENCE

Instructor of Record

- Research Methods for Informatics (CINF 200), University at Albany, SUNY. Undergraduate (Summer session 2024)
- Research Methods for Informatics (CINF 200), University at Albany, SUNY. Undergraduate (Winter session 2024)
- Emergency Preparedness (CEHC 344), University at Albany, SUNY. Undergraduate (Summer 2023)
- External Internship in Emergency Preparedness, Homeland Security and Cybersecurity (EHC 390), University at Albany, SUNY. Undergraduate (Winter 2021)
- Technology-Based Community Support (INF 467), University at Albany, SUNY. Undergraduate (Winter 2021)
- Undergraduate Internship Informatics (INF 468), University at Albany, SUNY. Undergraduate (Winter 2021)

Teaching Assistant

- Cybersecurity Basics (INF124X), University at Albany, SUNY. Undergraduate (Spring 2021)
- Introduction to Data and Databases (INF 202), University at Albany, SUNY. Undergraduate (Spring 2021)

SERVICE

Professional Membership

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| 2024 | Member , Northeast chapter of the Association of Information Science and Technology (NEASIS&T) Programming Committee |
| 2023 – Present | Student Member , American Society for Public Administration |
| 2022 – Present | Student Member , Association of Information Science and Technology (ASIS&T) |
| 2020 – Present | Student Member , Texas City Management Association |
| 2011 – 2017 | Student Member of The Chartered Institute of Bankers, Ghana |

University

- 2024 **Graduate Ambassador**, College of Emergency Preparedness, Homeland Security and Cybersecurity (CEHC), University at Albany – SUNY.
- 2023 – Present **Member** of the Order of the Sword & Shield Academic and Professional Honor Society, Omicron Sigma Sigma (University at Albany Chapter).
- 2022 – Present **Member**, Natural Hazards Engineering Research Infrastructure Graduate Student Council (NHERI GSC).
- 2022 **Student Member**, CEHC's Justice, Equity, Diversity, and Inclusion (JEDI) Student Group, College of Emergency Preparedness, Homeland Security and Cybersecurity (CEHC), University at Albany–SUNY.
- 2022 – 2023 **Treasurer**, Information Science Student Association College of Emergency Preparedness, Homeland Security and Cybersecurity (CEHC), University at Albany –SUNY.
- 2021 **Member** of Faculty Search Committee for three Informatics/ Cybersecurity Assistant Professors, College of Emergency Preparedness, Homeland Security and Cybersecurity (CEHC), University at Albany – SUNY.
- 2014 – 2015 **Member**, Welfare Committee, Graduate Students' Association (GRASAG), University of Ghana.

Profession

- 2024 **sub-reviewer**, *Western Journal of Emergency Medicine*
- 2024 **reviewer**, *The International Journal of Mass Emergencies and Disasters*
- 2024 **reviewer**, *Disasters Journal*
- 2023 – Present **reviewer**, *British Journal of Educational Technology*
- 2023 – Present **reviewer**, *Association for Information Science & Technology (asis&t)*
- 2023 **reviewer**: *SN Social Sciences*
- 2022 **reviewer**: *Aslib Journal of Information Management*
- sub-reviewer**: *BMC Public Health*

Community-at-large

- 2023 **Student Volunteer**, FEMA's 25th Annual Emergency Management Higher Education (HiEd) Symposium

Dadson Appiah, Yvonne

- 2022 – Present **Volunteer**, E²SET hosts RISE High, Schenectady 9th graders at CEHC.
Volunteer, E²SET hosts RISE High, Schenectady 9th graders at CEHC.
- 2020 **Student Member** of Texas City Management Association
- 2020 **Volunteer**, Martin Luther King Day of Service
Volunteer, 2020 Equity & Diversity Conference
- 2019 **Volunteer**, Denton County Friends of the Family
Volunteer, Rise Against Hunger
Volunteer, Make a Difference at Newton Razor Elementary, Denton TX.
Volunteer, GrowXGood Fest, Tetra Pak