

Yvonne Appiah Dadson

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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; Disasters, Data Analytics; and visualizations; Privacy Concerns and Advanced Technologies.

AWARDS and HONORS

- 2023 **Best Paper Reviewer Award**, 86th Annual Meeting of the Association for Information and Technology.
- 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)

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>

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)

Bennett Gayle, D., Yuan, X., **Dadson, Y.**, & 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**.

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>

Ottah, A. N., **Dadson, Y. A.**, & 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

Xiaojun, Y., Bennett Gayle, D., Jung, E., & **Dadson, Y. A.** (2023). COVID-19 Contact Tracing Mobile Applications in New York State (NYS): An Empirical Study. (Accepted at 25th International Conference on Human-Computer Interaction (HCI INTERNATIONAL 2023).

Dadson, Y.A. (2023). Challenges Immigrants Face During Disasters: A Systematic Literature Review

Bennett Gayle, Yuan, X.-J., D., **Dadson, Y. A.**, & Goodarzi, M. (2023). COVID-19 Vaccination Mobile Applications in New York State (NYS). Will submit to the Journal of Natural Hazards Review.

Edwards, N., **Dadson, Y.**, Bennett Gayle, D., and Yuan, X.-J. (2023). Discussions on COVID-19 Mobile Apps: Insights into Mental Health in NYS. Will submit to Journal of Emergency Management.

Bennett Gayle, D., Belligoni, S., Dadson, Y. A., Ramenzoni V., & Gilmore, E. (2023). Climate Change impacts on household decision-making: A Systematic Literature Review.

Belligoni, S., Bennett-Gayle, D., Gilmore, E. Ramenzoni, V. & **Dadson, Y.A.** (2023). Transformative Change for Climate Adaptation (Accepted at the Society for Social Studies of Science (4S) 2023 Honolulu).

Dadson, Y. A. (2023). Sub - Saharan Immigrants and Financial Recovery from Disasters.

Dadson, Y. A. (2023). A Review of the Security Challenges with Mobile Money Systems in sub-Saharan Africa.

CONFERENCES

Poster:

Dadson, Y. A. (2023). Challenges Immigrants Face During Disasters: A Systematic Literature Review. [Poster Presenter]. *FEMA's 25th Annual Emergency Management Higher Education (HiEd) Symposium.* (June 5-7, 2023).

Dadson, Y. A. 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/pr2.746>

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, Emerging Technology & Entrepreneurship Complex, ETEC Lobby).

Dadson, Y. A. A Demographic Model to Predict Arrests by Race: An Exploratory Approach. *New York Celebration of Women in Computing (NYCWIC).* [Poster Presenter]. (April 2022).

Presentations:

Dadson, Y. A. (2023). Challenges and Concerns of Immigrants During Disasters. *Megalopolitan Coastal Transformation Hub (MACH) Annual Meeting 202; Rutgers University Camden Campus Center.* (May 30 – June 1, 2023).

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 School Conference Mini-Conference.* (May 2023).

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).

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 award PI: DeeDee Bennett Gayle (University at Albany – SUNY) \$501,495 (NSF Award # 2103754)

TEACHING EXPERIENCE

Instructor of Record

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

University

2023 **Member** of the Order of the Sword & Shield Academic and Professional Honor Society, Omicron Sigma Sigma.

2022 - Present **Student Member** of Annual Meeting of the Association of Information Science and Technology (ASIST), College of Emergency Preparedness, Homeland Security and Cybersecurity (CEHC), University at Albany- SUNY.

Member, CEHC's Justice, Equity, Diversity, and Inclusion (JEDI) Student Group, 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.

2020 **Student Member**, Texas City Management Association

2014 – 2015 **Member**, Welfare Committee, Graduate Students' Association (GRASAG), University of Ghana.

2011 **Student Member** of The Chartered Institute of Bankers, Ghana

Profession

2023 **reviewer / member** of the program committee: *2023 ASIST Annual Meeting*
reviewer: *British Journal of Educational Technology*
reviewer: *SN Social Sciences*

2022 **reviewer:** *Aslib Journal of Information Management*
sub-reviewer: *BMC Public Health*

2021 – Present **Treasurer,** Information Science Students Association

Community-at-large

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

Volunteer, E²SET hosts RISE High, Schenectady 9th graders at CEHC

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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