

**Dr. Amy Yeboah Quarkume**  
Howard University | . Associate Professor  
Afro-American Studies | Data Science | Environmental Justice  
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## **Professional Positions**

Associate, Harvard University, Institute for Quantitative Social Science (IQSS). (September 1, 2022 - Present).

Director of Graduate Studies for the Master's Program in Applied Data Science, Howard University, Graduate School. (July 2022 - Present).

Associate Director for Student and Community Engagement, Howard University, The Center for Women, Gender and Global Leadership. (August 2022 - Present).

Editorial Board Member, Columbia University Press, Black Lives in the Diaspora: Past / Present / Future Series. (August 2021 - Present).

Associate Professor, Howard University, Afro American Studies. (August 2020 - Present).

CAN DSSI Summer Experience Visiting Faculty Co-Director, University of Chicago, Data Science. (June 12, 2023 - July 28, 2023).

Visiting Scholar, Sante Fe Institute, Complex Systems Summer School. (June 19, 2023 - July 1, 2023).

Advisory Committee AP African American Studies Higher Education, College Board, AP African American Studies Higher Education. (August 2021 - August 2022).

Pre-PhD Summer Enrichment Program Instructor, Howard University, Office of the Provost. (May 30, 2017 - August 1, 2021).

Assistant Professor, Howard University Dept. Afro-American Studies, Afro American Studies. (August 1, 2014 - August 1, 2020).

## **Education**

MS, Data Analytics and Computational Social Science. University of Massachusetts, 2024.

Certificate, Data Science. Harvard University Extension School, 2023.

PhD, African American Studies, Literature, Education and Gender. Temple University, 2013.

MA, African American Studies. Temple University, 2011.

MA, Sociology. Temple University, 2008.

BA, Sociology. Temple University, 2006.

## **Licensures and Certifications**

Stanford University. (June 2023 - Present).

CETLA: Canvas Certification, Howard University. (June 2022 - Present).

ArcGIS Pro Basic, esri. (2022 - Present).

Creating a Map Layout, esri. (2022 - Present).

GIS Basics, esri. (2022 - Present).

CETLA: Distance Learning Certification, Howard University. (2015 - Present).

CETLA: Blackboard Certification Seminar, Howard University. (2014 - Present).

## **Professional Memberships**

American Meteorological Society. (November 19, 2023 - Present).

National Council of Black Studies. (June 2023 - Present).

Black Women in Data. (April 28, 2023 - Present).

Blacks in Technology. (August 2022 - Present).

Alpha Kappa Alpha Sorority, Inc. (June 5, 2022 - Present).

Mechanism Design for Social Good. (March 2022 - Present).

NSF AI Institute for Research on Trustworthy AI in Weather, Climate, and Coastal Oceanography. (February 2022 - Present).

Black Women in A.I. (2019 - Present).

Association Black Women Historians. (2019 - 2021).

National Association of University Women. (2014 - 2019).

National Council of Negro Women. (2014 - 2019).

College of Language Association. (2013 - 2014).

## **Awards and Honors**

Honors Faculty Fellow, COAS Honors Program. (March 2023).

Black Women Soar, Howard University WHUT. (March 30, 2023).

College of Arts and Sciences Faculty Excellence Award, Howard University. (May 2016).

Extraordinary Woman Award, National Council of Negro Women, HU Section. (May 2016).

Digital Humanities Initiative Faculty Fellow, Howard University. (2015).

HBCU All-Star Mentor, White House Initiative on Historically Black Universities and Colleges (HBCU) All-Star. (2015).

Howard University College of Arts and Sciences CETLA Fellow, Howard University CETLA. (2015).

## **Media Appearances and Interviews**

"About Our Kids: Juneteenth," SiriusXM Radio. (June 23, 2022).

"Police Brutality, Anti-Black Racism and Reform," The 2020 Show. (June 24, 2020).

"Books to Read for Juneteenth, as Recommended by DC's Black Educators," NBC Washington. (June 19, 2020).

"Juneteenth," KCBS News Radio San Francisco. (June 19, 2020).

"Juneteenth," ABC 7. (June 19, 2020).

"Juneteenth Protests, Celebrations Planned in Major Cities," The Wall Street Journal. (June 17, 2020).

"Will George Floyd's death with a knee on his neck become nation's 'Emmett Till moment?'," Chicago Sun Times. (June 9, 2020).

"Push for Preservation: Home of 1920's African-American educators could become DC landmark," ABC7 WJLA. (February 26, 2020).

"Visitors flock to Eastern Shore center, after 'Harriet' movie released," ABC7 WJLA. (November 29, 2019).

"Nipsey Hussle's Memorial Was a Celebration of African Spirituality," VICE. (April 16, 2019).

"Who is black in America? Ethnic tensions flare between black Americans and black immigrants.," The Philadelphia Inquirer. (October 19, 2018).

"The African, Hindu and Roman goddesses who inspired Beyoncé's stunning Grammy performance.," The Washington Post. (February 13, 2017).

"Black Teachers Matter," Mother Jones. (October 16, 2016).

"What Beyoncé teaches us about the African diaspora in 'Lemonade,'" PBS NewsHour. (April 29, 2016).

"Goodbye to City Schools," Michael Coard Radio Show WRD. (October 2013).

"Goodbye to City Schools A Four-Part Series," Philadelphia Community Access Media. (June 6, 2013).

"Michigan Teacher," Roland Martin TV One News Show. (June 4, 2013).

## Publications

Yeboah Quarkume, A. Y. (2024). *Her Truth and Service: Lucy Diggs Slowe in Her Own Words*. New York: Columbia University Press.

Quarkume, A. Y. (2023). *Making Data Science Democratic* (November 2023 ed.). New America. <https://pitcases.org/portfolio/making-data-science-democratic-amy-yeboah-quarkume/>

Quarkume, A. Y., Campbell, S. (2023). *Gracie on the Yard: University Ed Tech Researchers and Gracie's Corner Creators Talk Black Edutainment*. Washington, DC: 12511 Rustic Rock Ln

Yeboah Quarkume, A. (2023). ChatGPT: a Digital Djembe or a Virtual Trojan horse? *no*. Washington, DC: Howard University. <https://magazine.howard.edu/stories/chatgpt-a-digital-djembe-or-a-virtual-trojan-horse>

Moulite, J., Jones, M. (2023). In A. Yeboah Quarkume (Ed.), *Not Blowing Smoke: Howard University Researchers Highlight Earth Science Data Inequalities Amidst Canadian Wildfires*. Washington: Howard University. <https://thedig.howard.edu/all-stories/not-blowing-smoke-howard-university-researchers-highlight-earth-science-data-inequalities-amidst>

Yeboah Quarkume, A. (2022). The Movement: the African American struggle for civil rights. *Book Review* (1st ed., vol. 60).

Yeboah Quarkume, A. (2022). *Reflections from A Race Woman: Joyce Ladner by Dr. Amy Yeboah Quarkume*. Association of Black Sociologists.

Yeboah Quarkume, A. (2022). Kamala's Way. *Book Review* (9th ed., vol. 59).

Yeboah Quarkume, A. (2021). Vanguard: how Black women broke barriers, won the vote, and insisted on equality for all. *Book Review* (4th ed., vol. 59).

Yeboah, A. (2021). Would You Send Your Daughter to Howard? Historically Black Colleges and Universities Advancing Black Women in Leadership. *Advancing Women in Leadership Journal*, 40(1), 56-64.

- Yeboah Quarkume, A. (2021). The campus color line: college presidents and the struggle for Black freedom. *Book Review* (1st ed., vol. 59).
- Yeboah Quarkume, A. (2021). Howard University & the Challenge of the Black University: A Conversation with Andrew Billingsley & Greg E. Carr. *The Black Scholar*, 51(3), 25-38. <http://dx.doi.org/10.1080/00064246.2021.1929036>
- Yeboah Quarkume, A. (2020). Why the West Could Not Hear Beale Street: Baldwin's World-Sense of Female Sexuality. *Humanities*, 9(1), 9. <http://dx.doi.org/10.3390/h9010009>
- Yeboah Quarkume, A. (2019). Beyond the Black Study Abroad Experience Developing the Young AfricanA Leadership Initiative at Howard University. *International Journal of Multidisciplinary Perspectives in Higher Education*, 4(1), 1-21. <http://dx.doi.org/10.32674/jimphe.v4i1.1165>
- Yeboah, A. (2018). Review of We Wanted a Revolution; black radical women, 1965-85: A New Perspectives ed. by Catherine Morris and Rujeko Hockley; texts by Connie H. Choi et al Brooklyn. *Book Review* (4th ed., vol. Local).
- Yeboah, A. (2018). Review of We Wanted a Revolution; black radical women, 1965-85: A Source Book ed. by Catherine Morris and Rujeko Hockley; texts by Connie H. Choi et al Brooklyn Museum. *CHOICE* (State ed., vol. State).
- Yeboah, A. (2018). Shauna Morgan Interview: Poems That Travel Across and Through the Diaspora. *Mosaic Magazine*. New York: Mosaic Magazine.
- Yeboah, A. (2018). Review of Remaking Black Power: How Black Women Transformed an Era by Ashley Farmer. *CHOICE* (12th ed., vol. State).
- Yeboah Quarkume, A. (2018). Reflections on the Second Wave of "Make America Great Again": A Glimpse from a Historically Black College and University. *Women, Gender, and Families of Color*, 6(1), 136-143. <http://dx.doi.org/10.5406/womgenfamcol.6.1.0136>
- Yeboah Quarkume, A. (2018). 400 Years after the Coming: Daniel Black's &The Coming: A Novel& as a Guide for "we, a people" to Return to Africa. *CLA Journal*, 61(3), 223. <http://dx.doi.org/10.34042/claj.61.3.0223>

## Presentations

- Yeboah Quarkume, A., Affinity Group, "DP," US Regional Hydroclimate Project, virtual. (December 7, 2023).
- Yeboah Quarkume, A., Winfield, M., Sauls, S., NorthstarGIS Homecoming, "Understanding Air Quality and Data Pollution," NorthStarGIS, Howard University, Washington, DC, United States. (November 18, 2023).
- Yeboah Quarkume, A., "James Baldwin If Beale Street Could Talk," DC Library, Georgetown Library, Washington, DC, United States. (September 25, 2023).
- Yeboah Quarkume, A., Impact Data Summit, "Impact Data Talent," Mastercard, Mastercard, New York, NY, United States. (September 22, 2023).
- Yeboah Quarkume, A., Impact Data Summit, "Impact Spark Talk: "Training the Impact Data Scientists of Tomorrow"," Mastercard, Mastercard, New York, NY, United States. (September 22, 2023).
- Yeboah Quarkume, A., NCAR Mesoscale & Microscale Meteorology Laboratory, "Engaging with Diverse Communities: Strategies towards conducting equitable interdisciplinary research"," NCAR, virtual, bolder, CO, United States. (September 11, 2023).
- Yeboah Quarkume, A. (speaker), Data Science Leadership Summit, "Data Science and the Career Sector," Academic Data Science Alliance, Boston, MA, United States. (May 9, 2023).

Yeboah Quarkume, A. (Speaker), American Council on Education Council of Fellows, "MS Data Science," Howard University, H, Washington, DC, United States. (April 10, 2023).

Yeboah Quarkume, A. (Speaker), Data Science Institute Summit, "Data Science," UChicago, Friedman Hall, David Rubenstein Forum, Chicago, IL, United States. (May 9, 2022).

Yeboah Quarkume, A. (Presenter), Yuli, P. (Student Researcher), DC History Conference, "The New Howard Woman: Lucy Diggs Slowe in Her Own Words," DC History Center, Washington, DC, United States. (April 23, 2022).

Yeboah Quarkume, A. (Presenter), "Lunch & Learn Webinar: Lucy Diggs Slowe," Museum of the Shenandoah Valley, Winchester, VA, United States. (April 21, 2022).

Yeboah Quarkume, A. (Respondent), Ubuntu Dialogue Seminar, Stellenbosch University, South Africa. (September 14, 2021).

Yeboah, A., Brookings Institute, "The Role of Technology in Improving Higher Education." (March 1, 2017).

Yeboah, A., Howard University, "Mellon Foundation Community Symposium," DC, United States. (January 26, 2017).

Yeboah, A. (Speaker), reForm exhibition, "Goodbye to City Schools," reForm, Philadelphia, PA, United States. (March 16, 2016).

Yeboah, A., A Dream Deferred: The Future of African American Education, "Above the Threat: The Effects of Stereotype Threat on College Enrollment." (March 6, 2016).

Yeboah, A., Howard University Research Day, "The Mis-education of Moynihan: The Role of Black Women in the Academic Excellence Gap." (April 16, 2015).

Yeboah, A., WHBC Internal Affairs, "Colorism." (April 13, 2015).

Yeboah, A., Al Jazeera America The Stream, "Revisiting Malcolm X." (November 4, 2014).

Yeboah, A., BET News, "Don't Wear My Culture As Your Custom." (October 24, 2014).

Yeboah, A., National Black Child Development Institute, "(Re)Inscribing Meaning: Closing the Excellence Gap." (October 1, 2014).

Yeboah, A., A Documentary produced for Direct TV, "Commonwealth." (October 1, 2014).

Yeboah, A., CAMERA UPENN Film and Media Festival, "Goodbye to City Schools." (October 1, 2014).

Yeboah, A., National Council for Black Studies, "Closing the Excellence Gap for Black Youth." (March 7, 2014).

Yeboah, A., Scribe Video Center's Storyville series funded by the National Endowment for the Arts, "(Re)Inscribing Meaning." (October 16, 2013).

Yeboah, A., Scribe Video Center's Storyville series funded by the National Endowment for the Arts, "Goodbye to City Schools." (October 16, 2013).

Yeboah, A., Michael Coard Radio Show WRD, "Goodbye to City Schools." (October 1, 2013).

Yeboah, A., Roland Martin TV One News Show, "Michigan Teacher." (June 4, 2013).

## **Contracts, Fellowships, Grants and Sponsored Research**

Yeboah Quarkume, A. (Co-Principal), Brown-Robertson, L. (Principal), Calloway, A. (Co-Principal), "Targeted Infusion Project: Providing a Data Science and Analytics approach to the Honors Curriculum at Howard

University," Sponsored by National Science Foundation, Federal, \$399,399.00. (July 1, 2023 - August 30, 2026).

Quarkume, A. (Principal), "UChicago and Data.org Capacity Accelerator Network Partner," Sponsored by Data.org, Private, \$115,000.00. (June 1, 2022 - December 31, 2023).

Yeboah Quarkume, A. (Principal), Campbell, S. (Co-Principal), "NSF I-Corps," Sponsored by National Science Foundation, Federal, \$50,000.00.

Yeboah, A. (Principal), "Early Career Faculty Innovator," Sponsored by NCAR, Private, \$400,000.00. (September 2021 - September 2023).

Yeboah, A. (Principal), "Mellon New Direction," Sponsored by Andrew Mellon, Howard University, \$296,000.00. (April 1, 2021 - August 31, 2023).

Yeboah Quarkume, A. (Principal), Jones, M. (Supporting), Moulite, J. (Supporting), "Bezos Earth Fund - Environmental Justice Data Collaborative Grant Program," Sponsored by Georgetown-Howard University, Private, \$180,000.00. (June 1, 2022 - May 31, 2023).

Yeboah Quarkume, A. (Supporting), "Friends of Pierce Mills," Sponsored by DC Humanities, State, \$60,000.00. (February 2021 - March 2022).

Yeboah, A. (Principal), "Vision Grant," Sponsored by DC Humanities, Private, \$60,000.00. (March 1, 2021 - February 28, 2022).

Taylor, N. (Principal), Yeboah, A. (Co-Principal), "Just Futures Initiative," Sponsored by Andrew Mellon Foundation, Federal, \$5,000,000.00. (2021 - Present).

Yeboah Quarkume, A. (Supporting), Williams, D. (Principal), "Reviving the Bethel Literary and Historical Society in the 21st Century ("Bethel 21")," Sponsored by National Endowment for the Humanities Project Grant, Federal, \$100,000.00. (2018 - 2021).

Yeboah, A. (Principal), "Faculty Enhancement and Enrichment Grant," Sponsored by Department of African Studies, Howard University, \$5,000.00. (2018).

Yeboah Quarkume, A. (Supporting), Williams, D. (Principal), "Inscribing the Institute for the Arts and Humanities' National Black Writers Conference," Sponsored by National Endowment for the Humanities Project Grant, Federal, \$100,000.00. (2016 - 2018).

Yeboah Quarkume, A., Williams, D. (Principal), "Seshat: A Digital Humanities Initiative at Howard University," Sponsored by National Endowment for the Humanities, Federal, \$100,000.00. (January 2016 - December 2016).

Yeboah, A. (Principal), "Young AfricanA Leadership Program Common Text," Sponsored by Howard University Center for African Studies, Howard University, \$5,000.00. (May 1, 2016 - August 31, 2016).

Yeboah, A., "Distance Learning Course Transformation," Sponsored by Howard University CETLA, Private, \$9,000.00. (2015).

Yeboah, A., "Hybrid Course Transformation," Sponsored by Howard University CETLA, Private, \$10,000.00. (2014).

Yeboah, A., "Summer Research," Sponsored by Howard University Council of Research, Private, \$10,000.00. (2014).

## **Exhibits and Performances**

Yeboah Quarkume, A., "Hello Black World: Du Bois 3D Exhibit," Data.org, Howard Museum, Washington, DC, United States. (February 2023 - June 2023).

Yeboah Quarkume, A., "The New Howard Woman," Humanities DC, Moorland-Spingarn Research Center, Washington, DC, United States. (December 2022 - May 2023).

Yeboah, A., "(Re) Inscribing Meaning," Philadelphia, PA, United States. (August 1, 2013 - December 31, 2018).

Yeboah, A., "Howard University in the Decades of the 1970s: A Symposium in Celebration of the 90th Birthday of Andrew Billingsley, PhD," Washington, DC, United States. (March 1, 2017 - April 1, 2017).

Yeboah Quarkume, A., "The Wilson Baker Way: Reclaiming the Spaces to Educate Black Children," Upper Marlboro, MD, United States. (July 1, 2016 - December 1, 2016).

Yeboah, A., "Above the Threat: The Effects of Stereotype Threat on College Enrollment," Philadelphia, PA, United States. (September 1, 2015 - March 1, 2016).

Yeboah Quarkume, A., "Goodbye to City Schools," The Philadelphia Notebook, Philadelphia, PA, United States. (May 1, 2013 - December 1, 2013).

## **Research Activity**

"What's Up With All the Bias in the Air" (On-Going). (September 1, 2021 - Present).

"Her Truth and Service: Lucy Diggs Slowe" (On-Going). (September 2018 - Present).  
An edited text of her letters, speech and articles

"Impact of Breast Cancer Treatment on Women Especially African American Women" (On-Going). (September 2023 - 2026).

"Student Activism and the Black Radical Tradition" (Complete). (October 5, 2015 - September 2019).

"Above The Threat: The Role Historically Black Colleges and Universities play in Reducing Stereotype Threat for Black Students between High School and Postsecondary Education" (Complete). (November 19, 2015 - September 2017).

## **Faculty Development Activities Attended**

Conference Attendance, "PIT-UN Convening," New America, Boston, MA, United States. (October 12, 2023 - October 13, 2023).

Continuing Education Program, "NCAR Summer Innovator," National Center for Atmospheric Research, Boulder, CO, United States. (July 31, 2023 - August 13, 2023).

Workshop, "Data Science," MIT, Boston, MA, United States. (May 2023 - July 2023).

Faculty Fellowship, "Data Science and AI Educators' Programme," The Alan Turing Institute, England. (May 3, 2023 - July 12, 2023).

Workshop, "Gender Data," data.org. (March 2023 - May 2023).

Workshop, "I-Corps," Howard NSF, Washington, DC, United States. (May 12, 2023 - May 28, 2023).

Workshop, "AWS Machine Learning University," Amazon. (April 15, 2023 - April 29, 2023).

Conference Attendance, "Global Inclusive Growth Summit," MasterCard, Washington, DC, United States. (April 12, 2023 - April 15, 2023).

Conference Attendance, "Health Equity Data," Lucy Family Institute for Data & Society. (February 24, 2023).

Faculty Fellowship, "Oxford Machine Learning Summer School OxML Health," Oxford University, Oxford, United Kingdom. (August 7, 2022 - August 10, 2022).

Faculty Fellowship, "Brown University Born-Digital Scholarly Publishing Scholar," Brown University, Providence, RI, United States. (June 2022 - July 2022).

Workshop, "Trustworthy Artificial Intelligence for Environmental Science (TAI4ES)," AI2ES NCAR. (June 27, 2022 - June 30, 2022).

Faculty Fellowship, "Oxford Machine Learning Fundamentals Summer School," Oxford University, Oxford, United Kingdom. (June 27, 2022 - June 29, 2022).

Workshop, "Environmental Equity and Impact Data Collaborative (EEIDC)," Massive Data Institute (MDI) and Center for Open Data Enterprise (CODE), Washington, DC, United States. (June 22, 2022).

Seminar, "BisonOpen," Howard University, Washington, DC, United States. (June 8, 2022 - June 22, 2022).

Faculty Fellowship, "CAU Africana Digital Humanities Faculty Development Summer Institute," Clark Atlanta University, Atlanta, GA, United States. (June 6, 2022 - June 10, 2022).

Seminar, "Inter-university Consortium for Political and Social Research Summer Institute," University of Michigan, Ann Arbor, MI, United States. (June 2021 - August 2021).

Faculty Fellowship, "KU LEUVEN Summer School on the Law, Ethics & Policy of Artificial Intelligence," KU LEUVEN, Leuven, Belgium. (June 28, 2021 - July 3, 2021).

Seminar, "Pathways Programs - HBCU Faculty U.S. Office of Personnel Management Virtual Presentation," White House HBCU Office, Washington, DC, United States. (June 2018).

Seminar, "CETLA Professional Development: Building a Digital Portfolio," Howard University, Washington, DC, United States. (June 2017).

Seminar, "CETLA Professional Development: Building Online Programs," Howard University, Washington, DC, United States. (May 2017).

Conference Attendance, "Mellon Global Citizenship Education Summit," Mellon Foundation, Washington, DC, United States. (September 2016).

Conference Attendance, "CETLA Professional Development: Digital Humanities Seminar," Washington, DC. (June 2016).

Seminar, "Junior Faculty Forum "Tenure & Promotion: Putting Together the Teaching Portfolio for Your Application"," Washington, DC. (December 2015).

Seminar, "Junior Faculty Forum "Tenure & Promotion: Successfully Managing Your Several Lives as Scholar and Teacher"," Washington, DC. (November 2015).

Seminar, "Junior Faculty Forum "Tenure & Promotion"," Washington, DC. (October 2015).

Conference Attendance, "Junior Faculty Forum "Academic Support Resources for Howard University Students"," Washington, DC. (September 2015).

Seminar, "National Historically Black Colleges and Universities (HBCUs) Week Conference," Washington, DC. (September 2015).

Faculty Fellowship, "Howard University Research Retreat," Howard University, Wintergreen, VA, United States. (July 2015).

Conference Attendance, "CETLA: DLSI Best Practices in Distance-Learning Seminar," Howard University, Washington, DC, United States. (June 2015).

Workshop, "White House Initiative on Historically Black Colleges and Universities Innovators for Future Success Conference," White House, Washington, DC, United States. (September 2014).



Conference Attendance, "Office of Institutional Assessment & Evaluation Summer Assessment Institute," Howard University, Washington, DC. (June 2014).

Conference Attendance, "CETLA: CRSI Course Redesign Seminar," Howard University, Washington, DC, United States. (May 2014).

Conference Attendance, "CETLA: CA12 Assessing Online Courses," Howard University, Washington, DC, United States. (April 2014).

Seminar, "Graduate School's Fall "How To" Grant Writing Workshops," Howard University, Washington, DC, United States. (October 2013).