

Kilan C. Ashad-Bishop, Ph.D.

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EDUCATION

2019 **Doctor of Philosophy**, Cancer Biology; University of Miami Miller School of Medicine
2012 **Bachelor of Science**, Biology; Morgan State University

ACADEMIC APPOINTMENTS

2021- 2023 **Cancer Disparities and Equity Postdoctoral Fellow**; Sylvester Comprehensive Cancer Center
2020- 2021 **Postdoctoral Associate**; University of Miami School of Education and Human Development

NON-ACADEMIC EXPERIENCE

2023-Present **Principal Scientist**; American Cancer Society, Surveillance and Health Equity Science
2021- 2022 **National STEAM Academy Director**, First Star, Inc.
2020 **Director of College Access**, Breakthrough Miami
2019 **Medical Science Associate**, Brand Institute
2012- 2019 **Graduate Research Associate**, Department of Surgery, University of Miami Miller School of Medicine

HONORS AND AWARDS

Scientific Honors and Awards

2023 **Leading Edge Fellow**, HHMI Janelia Research Campus
2022 **GMAP Region 2 Travel Award to AACR Disparities Meeting**, Moffitt Cancer Center
2019 **Christine Mirzayan Science & Technology Policy Fellow**, National Academy of Sciences
2018 **First Runner Up**, University of Miami Three Minute Thesis Science Communication Competition
2018 **Travel Award to AACR Annual Meeting**, Sylvester Comprehensive Cancer Center

Civic Service Honors and Awards

2023 **Resident**, Science Advocacy Institute
2022 **Vessels: Black Professionals in Health and Medicine**, Miami-Dade Black Affairs Advisory Board
2021 **Reinvented's Woman of the Year**, Reinvented Magazine
2020 **1000 Inspiring Black Scientists in America**, Cell Press
2020 **Black Women in Excellence Award**, Black Professionals Network
2017 **Academic Excellence, Leadership, and Service Award**, University of Miami Graduate Student Association
2016 **Fellow**, New Leaders Council
2016 **40 Under 40 Black Leaders of Today and Tomorrow**, Legacy Miami
2015 **Defining Pearl**, Pi Delta Omega Chapter of Alpha Kappa Alpha Sorority, Inc.

RESEARCH SUPPORT

Active Research Support

Training in Heat-Related Disparities and Equity (THREAD) 01/01/2022 – 05/31/2024
Funding Agency: University of Miami Office of the Vice Provost for Research
Role: Co-Investigator (PI: A. Clement)

Completed Research Support

Cancer Training in Disparities and Equity (C-TIDE) 07/01/2021 – 06/30/2023
National Institutes of Health/National Cancer Institute 5T32CA251064-02
Role: Postdoctoral Fellow (PI: F. Penedo)

Tracking the Fallout: The Impact of Eviction Moratoriums on Racial/Ethnic Disparities in Evictions and Displacement Post-COVID-19 Robert Wood Johnson Foundation Role: Co-Investigator (PI: Z. Bailey; A. Greer)	12/01/2020 – 06/30/2023
RCN-UBE Incubator: Re-Envisioning Culture: Addressing Black Student Retention in Undergraduate Biology Education National Science Foundation (2018532) Role: Steering Committee Member (PI: T. Morton, PI; W. Gassman; M. Melton)	09/01/2020 – 08/31/2021
The Role of CBOS in the Mitigation of COVID-19 Related Health and Educational Disparities University of Miami Office of the Vice Provost for Research UM 2020-2270 Role: Co-Investigator (PI: L. Kohn-Wood; A. Heller)	04/08/2020 – 12/08/2020
Initiative to Maximize Student Diversity National Institutes of Health/National Institute of General Medical Sciences 2R25GM076419-05A1 Role: Predoctoral Research Fellow (PI: Michael Gaines)	08/01/2012 – 08/01/2014
Minority Access to Research Careers National Institutes of Health/National Institute of General Medical Sciences 3T34GM007977-24S1 Role: Undergraduate Research Fellow (PI: C. Hughes-Darden)	08/01/2010 – 06/01/2012

PUBLICATIONS

Peer-Reviewed Manuscripts

7. Baeker Bispo J.A., Goo I., **Ashad-Bishop K.C.**, Kobetz E.K., Bailey Z.D. (*in press*). Does neighborhood social cohesion influence participation in routine cancer screening? Findings from a representative sample of adults in South Florida. *Family & Community Health*.
6. Morton, T. R., Agee, W., **Ashad-Bishop, K. C.**, Banks, L. D., Barnett, Z. C., Bramlett, I. D., Brown, B., Gassmann, W., Grayson, K., Hollowell, G. P., Kaggwa, R., Kandlikar, G. S., Love, M., McCoy, W. N., Melton, M. A., Miles, M. L., Quinlan, C. L., Roby, R. S., Rorie, C. J., Russo-Tait, T., ... Woodson, A. N. (2023). Re-Envisioning the Culture of Undergraduate Biology Education to Foster Black Student Success: A Clarion Call. *CBE Life Sciences Education*, 22(4), es5. <https://doi.org/10.1187/cbe.22-09-0175>
5. **Ashad-Bishop, K. C.**, Baeker Bispo, J. A., Nahodyl, L., Balise, R. R., Kobetz, E. K., & Bailey, Z. D. (2023). Hyperlocal disparities in breast, cervical, and colorectal cancer screening: An ecological study of social vulnerability in Miami-Dade county. *Preventive Medicine Reports*, 35, 102371. <https://doi.org/10.1016/j.pmedr.2023.102371>
4. Davis B.R., Jaso B.A., Heller A., Kohn-Wood L., **Ashad-Bishop K.C.** (2023). The Power of Community: The Role of CBOs in Mitigating COVID-19-Related Impacts to Well-Being Among South Florida's Minoritized Populations. *Global Journal of Community Psychology Practice*. 14(2), 1 - 18. Retrieved from, (<https://www.gjcpp.org/>).
3. **Ashad-Bishop K.C.**, Cruz M., Bailey Z.D., Kobetz E.K. (2023). Intersectional Disparities in Climate Vulnerability and Cancer Risk. *Cancer*. <https://doi.org/10.1002/cncr.34817>
2. Baeker Bispo J., Douyon, A., **Ashad-Bishop, K.**, Balise, R., & Kobetz, E. (2023). How Trust in Cancer Information Has Changed in the Era of COVID-19: Patterns by Race and Ethnicity. *Journal of Health Communication*, 1–13. <https://doi.org/10.1080/10810730.2022.2117439>
1. **Ashad-Bishop, K.**, Garikapati, K., Lindley, L. E., Jorda, M., & Briegel, K. J. (2019). Loss of Limb-Bud-and-Heart (LBH) attenuates mammary hyperplasia and tumor development in MMTV-Wnt1 transgenic mice. *Biochemical and Biophysical Research Communications*, 508(2), 536–542. <https://doi.org/10.1016/j.bbrc.2018.11.155>

Preprints

1. Garikapati, K., **Ashad-Bishop, K.**, Hong, S., Qureshi, R., Rieger, M. E., Lindley, L. E., Wang, B., Azzam, D. J., Khanlari, M., Nadji, M., Jain, C., Kwon, D., Ban, Y., Gao, Z., Chen, S. X., Sims, A. H., Kesmodel, S. B., Slingerland, J. M., & Briegel, K. J. (2021). LBH is a cancer stem cell- and metastasis-promoting oncogene essential for WNT stem cell function in breast cancer. *BioRxiv*, Preprint. <https://doi.org/10.1101/2021.01.29.428659>

Conference Abstracts

3. **Ashad-Bishop K.C.**, Baeker Bispo J.A., Bailey Z.D., Kobetz E.K. Exploring relationships between neighborhood social vulnerability and cancer screening in Miami-Dade County [abstract]. In: *Proceedings of the 15th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved*; 2022 Sep 16-19; Philadelphia, PA. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2022;31(1 Suppl):Abstract nr C083.
2. **Ashad-Bishop K.C.** and Briegel, K. J. (2018). LBH, a novel WNT effector in promoting basal-like breast cancer. [abstract]. In: *Proceedings: AACR Annual Meeting 2018*; April 14-18, 2018; Chicago, IL. Philadelphia (PA): AACR; Cancer Res 2018; 78(13 Suppl)
1. **Ashad-Bishop K.C.** and Briegel, K. J. (2017). Loss of the stem cell and basal lineage regulator LBH delays onset of basal-like triple negative breast cancer. [abstract]. In: *Proceedings: AACR Annual Meeting 2017*; April 1-5, 2017; Washington, DC. Philadelphia (PA): AACR; Cancer Res 2017; 77(13 Suppl)

Editorials

3. Porta S., Bailey Z., Greer A., Ghartey D., **Ashad-Bishop K.C.**, Strom E. (2020, December 11). Before eviction restrictions end, a race to find out what protections work best [Editorial]. *South Florida Sun Sentinel*.
2. **Ashad-Bishop K. C.**, Gardiner J. C., Makins, K., & Twum, D. (2020, October 13). Cancer Doesn't See Color, but the Pipeline Does [Editorial]. *Nature Research Cancer Community*.
1. **Ashad-Bishop K.C.** and Metayer N. (2020, March 30). Has COVID-19 Laid the Groundwork for Permanent Social Change? [Editorial]. *Florida Politics*.

PRESENTATIONS

Selected Conference Presentations

9. *Did exposure to Hurricane Andrew (1992) influence survival among people diagnosed with cancer? A 20-year retrospective survival study.* Poster presentation at American Society of Preventive Oncology Annual Meeting; March 2023; San Diego, CA.
8. *Exploring hyperlocal relationships between neighborhood social vulnerability and cancer screening.* Oral presentation at Black in Cancer Conference; October 2022; London, England.
7. *Exploring relationships between neighborhood social vulnerability and cancer screening in Miami-Dade County.* Poster presentation at AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; September 2022; Philadelphia, PA.
6. *The Impact of Eviction Moratoriums on Racial/Ethnic Disparities in Evictions and Displacement Post-COVID-19.* Oral presentation at State of the South hosted by Georgia State University College of Law; May 2022; Virtual.
5. *Designing and Implementing Virtual Black STEM Counterspaces to Elevate Black Learners.* Symposium at National Association for Research in Science Teaching Annual Conference 2022; March 2022; Vancouver, British Columbia, Canada.
4. *LBH, a novel WNT effector in promoting basal-like breast cancer.* Oral presentation at Edward A. Bouchet Annual Conference 2018; April 2018; New Haven, CT.
3. *LBH, a novel WNT effector in promoting basal-like breast cancer.* Poster presentation at AACR Annual Meeting 2018; April 2018; Chicago, IL.
2. *Loss of the stem cell and basal lineage regulator LBH delays onset of basal-like triple negative breast cancer.* Poster presentation at Sylvester Cancer Research Poster Session; May 2017; Miami, FL.
1. *Loss of the stem cell and basal lineage regulator LBH delays onset of basal-like triple negative breast cancer.* Poster presentation at AACR Annual Meeting 2017; April 2017; Washington, DC.

Invited Academic Talks

2. *Socioenvironmental Determinants of Cancer Disparities.* Interdisciplinary Seminar Series. Morgan State University, Department of Biology. Virtual Presentation. December 2023.
1. *Socioenvironmental Determinants of Cancer Disparities,* Seminar Series. Virginia Commonwealth University, Department of Health Behavior and Policy. Virtual Presentation. August 2023.

Invited Non-Academic Talks

8. *This More Often Than That*. Black Women in Ecology, Evolution, and Marine Science Annual Conference. Miami, FL. January 2023.
7. *Science, Health, and Social Change: Understanding Social and Structural Vulnerability*. Health Foundation of South Florida Black Health Summit. Miami Gardens, FL. June 2022.
6. *Trusted Messengers: Black Scientists as Advocates and Ambassadors*. Black in X Conference. Virtual Presentation. July 2021.
5. *Excellence is a Habit*, Florida Memorial University Honors Ceremony. Miami Gardens, FL. March 2021.
4. *Live@Frost: The Role of CBOs in Mitigating COVID-19-related Education and Health Disparities*. Frost Museum of Science. Miami, FL. December 2020.
3. *STEMVersation: The Diverse Impacts of COVID-19 on Communities of Color*. Miami Dade College School of Science. Virtual Presentation. October 2020.
2. *The Intersections of Science and Social Change*. Life Sciences South Florida Research Symposium. Virtual Presentation. September 2020.
1. *Science in Advocacy*. ComSciCon Miami. October 2019.

TEACHING

Courses

2021 **BIL 153 (1 credit)**
Introductory Biology/Chemistry Laboratory I
University of Miami

PROFESSIONAL MEMBERSHIPS

2018-Present **Member**, American Association for Cancer Research
2009-Present **Member**, Alpha Kappa Alpha Sorority, Inc.
2018-Present **Member**, Edward A. Bouchet Graduate Honor Society

SERVICE ACTIVITIES

National & Professional Societies

2022- Present **Editorial Board Member**, BMC Medicine
2023 **Member, Scientific Review Committee**, AACR Conference on The Science of Cancer Health Disparities
2021 **Planning Committee Member**, AfroBiotech Conference
2020 **Founding Board Member**, Black in Cancer
2020 **Panel Reviewer**, National Science Foundation Graduate Research Fellowship Program (GRFP)
2020 **Panel Reviewer**, Society for Advancement of Chicanos/Hispanics and Native Americans in Science
2020 **Poster Judge**, South Florida Regional Science and Engineering Fair
2019 **Co-Founder**, STEMNoire
2019 **Poster Judge**, American Association for the Advancement of Science Annual Meeting

Institutional

2021 **Community Benefit Committee Member**, University of Miami Health System
2016-2018 **Member**, University of Miami Miller School of Medicine Dean's Council on Diversity and Inclusion
2014-2017 **Executive Board Member**, University of Miami Black Graduate Student Association (BGSA)
2013 **Co-Founder**, University of Miami Biomedical Graduate Student Government (BGSF)

Civic

2022 **Participant**, American Association for Cancer Research Early-Career Hill Day
2022 **Subject Matter Expert (Equity)**, Southeast Florida Regional Climate Change Compact

2021-Present **Steering Committee Member**, Miami Climate Alliance
 2021 **Proposal Reviewer**, Miami Foundation Community Grants Program
 2020- 2022 **Board Member**, PowerU Center for Social Change
 2020-2021 **Board Member**, Black in Cancer
 2020-2021 **Vice Chair**, City of Miami Climate Resilience Committee
 2020 **National Advisory Board Member**, Earth Ethics Institute
 2019 **Participant**, American Association for Cancer Research Early-Career Hill Day
 2019 **STEM Mentor**, Code Fever Miami
 2016-2020 **Member**, City of Miami Climate Resilience Committee
 2013, 2017 **Undergraduate Student Mentor**, University of Miami Miller School of Medicine

SCIENCE BEYOND THE BENCH

Equity In Science & Health (Selected Presentations)

2022 **Panelist**, University of Miami
 Minority Women in Medicine Pre-Health Summit

2022 **Panelist**, Florida International University
 Miami Black Womxn's Forum: Social Entrepreneurship

2021 **Featured Guest**, Live Healthy Miami Gardens
 Wellness Webinar: Women in Healthcare and Science

2021 **Featured Guest**, Biochem Chat Diversity Series

2021 **Panelist**, Miami Dade College
 Disparities in Minority Communities

2021 **Panelist**, STEM Success Summit
 How to Turn Your STEM Idea into a Reality

2020 **Panelist**, Association of Students of the University of Nebraska
 Women of Color in STEM Panel

2020 **Co-Presenter**, Charlottesville Women in Tech Summit
 Momentum: Technology as a Tool to Build Community

2020 **Panelist**, Black Women's Health Imperative
 Generation Next: Empowering the Next Generation of Women's Health Advocates

2020 **Panelist**, University of Cincinnati Science Policy Group
 Impact of COVID-19 on Communities of Color

2020 **Moderator**, Venture Cafe Miami
 Civic Tech, COVID-19, and Emergency Response Innovation Speed Pitch

2017 **Panelist**, Live@Frost Science: Hollywood Science & the Wonder Women of Miami

2016 **Moderator**, Black Girls Code Miami
 Guest moderator for the Inaugural Black Women in STEM Panel Discussion

Environmental Justice (Selected Presentations)

2022 **Panelist**, Great Parks Summit
 Becoming an Environmental Champion in Your Community

2022 **Panelist**, Florida International University
 Miami Black Womxn's Forum: Climate Justice

2021 **Panelist**, The CLEO Institute
 Climate Action Lab: Climate Communicators

2019 **Panelist**, The CLEO Institute
 Empowering Capable Climate Communicators Symposium

2018 **Speaker**, Community Leadership on the Environment, Advocacy, and Resilience

Catalyst Miami

- 2017 **Facilitator**, Community Leadership on the Environment, Advocacy, and Resilience
Catalyst Miami
- 2017 **Speaker**, People’s Climate March
People’s Climate Movement

MEDIA COVERAGE

Podcasts

[Dr. Kilan Ashad-Bishop on Crafting a Career Identity that Aligns With Your Personal Values](#). The Cohort Sistas Podcast. (2021, July 20)

[Connecting Science and Advocacy to Change Society](#). Innovation City. (2019, October 15)

In Print

Extreme Weather Disrupts Cancer Care, Widens Inequities. [Interview by E. Dolgin]. (2022, September 26). Cancer Discovery.

Climate gentrification: Is sea rise turning Miami high ground into a hot commodity? [Interview by A. Harris]. (2018, December 18). Miami Herald.

[Kilan Ashad-Bishop on Curiosity and Embracing Change](#) [Interview by N. Duggan]. (2017, October 26).

[Kilan Ashad-Bishop on professional development, networking and being deemed a Miami Wonder Woman of Science](#) [Interview by L. E. Lopez Ramos]. (2017, July 11).

[Wonder Women of Science](#) [Interview by J. M. Castillo]. (2017, June 23).

[The face of environmentalism isn’t so white anymore. That’ll define its success today](#). [Interview by E. Barclay]. (2017, May 4).

RELEVANT WEBSITES

Google Scholar: https://scholar.google.com/citations?hl=en&user=oK1KmqwAAAAJ&view_op=list_works& &sortby=pubdate

ORCID: <https://orcid.org/0000-0001-6846-3499>

LinkedIn: <https://www.linkedin.com/in/kilan/>