Michael D. Green, PhD Candidate

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Date Prepared: 3/18/24

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EDUCATION	
Aug 2021 – Dec 2025 (est.)	Duke University School of Medicine, PhD Population Health Sciences, Minor: Health Services
Sept. 2017 - June 2021	Dartmouth College, BA, 2021 Major: Anthropology w/ Honors; Minor: Environmental Sciences
RESEARCH EXPERIENCE	
Sept 2022 – present	Graduate Research Assistant (Funded by National Institute of Aging Diversity Supplement, see grants) Department of Population Health Sciences, Duke University School of Medicine, Durham, NC Integrating Risk Trajectories and Social Determinants to Enhance Cardiovascular Risk Assessment in Older Adults, PI: Dr. Matthew E. Dupre
Sept 2022 – June 2023	Research and Development Associate (contract) Zealcare Inc., Cary, NC. Supervisor: Dr. Connor Drake
June 2022 – August 2022	Research and Development Intern (contract) Zealcare Inc., Cary, NC. Supervisor: Dr. Connor Drake
June 2022 – August 2022	Summer Graduate Intern Division of Intramural Research, National Institute of Environmental Health Sciences, Research Triangle Park, NC Social and Environmental Determinants of Health Equity Group, PI: Dr. Chandra Jackson
Jan. 2022 – May 2022	Graduate Research Assistant Department of Population Health Sciences, Duke University School of Medicine, Durham, NC A Patient-Centered Approach for Addressing Access to Care to Improve Outcomes in Heart Failure Patients, PI: Dr. Matthew E. Dupre
Sept. 2021 – May 2022	Graduate Research Assistant Department of Population Health Sciences, Duke University School of Medicine, Durham, NC Log2Lose, PI: Dr. Jennifer Gierisch
June 2020 – June 2021	Principal Investigator Department of Anthropology, Dartmouth College, Hanover, NH Senior Honors Thesis Project: Half a heart but full of life: Lived experience of families with a child battling severe congenital heart disease, Advisor: Dr. Elizabeth Carpenter-Song

July 2018 – June 2021 Undergraduate Research Assistant

Department of Epidemiology

Geisel School of Medicine at Dartmouth College, Hanover, NH Cardiovascular Outcomes team, PI: Dr. Jeremiah R. Brown

Jan 2020 - March 2020 Innovation and Evaluation Intern, Division of Global Migration

and Quarantine, Center for Disease Control and Prevention Office of Innovation, Development, Evaluation, and Analytics,

Supervisor: Dr. Ardath Grills

Jan 2018 – Nov 2018 Undergraduate Research Assistant, Department of

Epidemiology, Geisel School of Medicine at Dartmouth College. New Hampshire Birth Cohort Study, PI: Dr. Margret Karagas

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4 LEAD AUTHOR (1 UNDER REVIEW), 3 CO-AUTHOR (2 UNDER REVIEW)

- [5] Xu, H., Ford, C., Clark, A.G., Yang, Q., **Green, M.D.,** Lynch, S.M., Navar, A.M., Xian, Y., Peterson, E.D. and Dupre, M.E. (2023), Multi-Trajectories of Blood Pressure and Cognitive Function in U.S. Adult Population. Alzheimer's Dement., 19: e073122. doi.org/10.1002/alz.073122 (CONFERENCE ABSTRACT)
- [4] Gaston SA, Forde AT, **Green M,** Sandler DP, Jackson CL. Racial and Ethnic Discrimination and Hypertension by Educational Attainment Among a Cohort of US Women. *JAMA Netw Open.* 2023;6(11):e2344707. doi:10.1001/jamanetworkopen.2023.44707 (ORIGINAL RESEARCH ARTICLE)
- [3] GREEN, M. D., DALMAGE, M. R., LUSK, J. B., KADHIM, E. F., SKALLA, L. A., & O'BRIEN, E. C. (2023). PUBLIC REPORTING OF BLACK PARTICIPATION IN ANTI-HYPERTENSIVE DRUG CLINICAL TRIALS. AMERICAN HEART JOURNAL, 258, 129-139. DOI:10.1016/J.AHJ.2023.01.001 (ORIGINAL RESEARCH ARTICLE)
- [2] Green, M. D. (2022). Abstract P230: Chronically Uncertain: How Families Of Children With Hypoplastic Left Heart Syndrome Manage The Condition. Circulation, 145(Suppl_1), AP230-AP230. doi:10.1161/circ.145.suppl_1.P230 (CONFERENCE ABSTRACT)
- [1] Green, M. D., Parker, D. M., Everett, A. D., Vricella, L., Jacobs, M. L., Jacobs, J. P., & Brown, J. R. (2021). Cardiac Biomarkers Associated With Hospital Length of Stay After Pediatric Congenital Heart Surgery. *The Annals of Thoracic Surgery, 112*(2), 632-637. doi:10.1016/j.athoracsur.2020.06.059 (ORIGINAL RESEARCH ARTICLE)

under review

- [3] Aikya Soni, **Michael D. Green**, Heather A. King, Kathryn Pollak, Amy Anderson, Tomi Akinyemiju. "Mixed Methods Analysis of Inclusive Pedagogy in First Year Population Health Sciences Curriculum" (ORIGINAL RESEARCH ARTICLE)
- [2] Heather R. Farmer, Alexis Ambroise, **Michael D. Green,** Matthew E. Dupre. "Everyday Discrimination and Age-Related Trajectories of Blood Pressure Among Black and White Middle-Aged and Older Adults" (ORIGINAL RESEARCH ARTICLE)

[1] Michael D. Green, Alejandra Prevost-Reilly, Devin M. Parker, Elizabeth Carpenter-Song "Navigating family life with Hypoplastic Left Heart Syndrome in the United States: A qualitative descriptive study." (ORIGINAL RESEARCH ARTICLE)

in preparation

- [7] Radha Dhingra, Hanzhang Xu, Ph.D., Bradley G. Hammill, Scott M. Lynch, Jessica S. West, **Michael D. Green**, Eric D. Peterson, Lesley H. Curtis, Matthew E. Dupre. "Socioeconomic Disadvantage and Risks of Early and Recurrent Admissions Among Patients Diagnosed with Heart Failure" (ORIGINAL RESEARCH ARTICLE)
- [6] Matthew E. Dupre, Radha Dhingra, Hanzhang Xu, Bradley G. Hammill, Scott M. Lynch, Jessica S. West, **Michael D. Green**, Lesley H. Curtis, Eric D. Peterson. "Racial/Ethnic Disparities in Longitudinal Trajectories of Hospitalizations in Patients Diagnosed with Heart Failure" (ORIGINAL RESEARCH ARTICLE)
- **[5]** Sara N O'Brien, Laura M Raffield, LáShauntá M Glover, Madeline G Gillman, **Michael D Green**, Anthony S Zannas, Daniel E Cruz, Daniel H Katz, Usman A Tahir, Mario Sims, Alexander P Reiner, Lesley F Tinker, Michelle C Odden, James Floyd, Amil M Shah, Xiaojuan Liu, Bing Yu, Ramon Casanova, Hilary A Tindle, "Plasma Proteins Associated with Depressive Symptoms and Perceived Global Stress Among Black Adults in the Jackson Heart Study and Relationship to Cardiovascular Disease" (ORIGINAL RESEARCH ARTICLE)
- [4] Devin M. Parker, Callie C. Young, Meagan E. Stabler, Meghan S. Zimmerman, Xun Shi, Emily M. Bucholz, **Michael D. Green,** Todd A. MacKenzie, "Travel time to Specialty Care and Risk of Death for Children with Congenital Heart Disease" (ORIGINAL RESEARCH ARTICLE)
- [3] Michael D. Green, Heather R. Farmer, Hanzhang Xu, Radha Dhingra, Qing Yang, Amy G. Clark, LáShauntá M. Glover, Roland J. Thorpe Jr., Matthew E. Dupre. "Factors Associated with Perceived Discrimination in Healthcare Among United States Middle-Aged and Older Adults" (ORIGINAL RESEARCH ARTICLE)
- [2] Michael D. Green, Robert J. Mentz, Stephen J. Greene, Bradley G. Hammill, Utibe R. Essien, Ying Xian, Erin D. Michos, Roland J. Thorpe, Jr., Matthew E. Dupre, Emily C. O'Brien, Jay B. Lusk. "Progression of Cardiovascular Multimorbidity in Older Adults in the United States: An Analysis of Racial and Gender Disparities" (ORIGINAL RESEARCH ARTICLE)
- [1] Nadine Barrett, **Michael D. Green**, Jen Gathings. "Training clinical researchers to Just Ask: addressing health equity through an implicit bias training" (ORIGINAL RESEARCH ARTICLE)

GRANTS AND FELLOWSHIPS_	
<u>Grants</u>	
Sept 2022 – May 2024	Research Supplements to Promote Diversity in Health-Related Research \$90,225 Awarded a 2-year training grant to investigate the association between discrimination in healthcare settings and elevated blood

pressure. Parent grant: 1R01AG069938-01A1.

May 2022 – May 2023 Race and the Professions Project Grant

\$5,000

Awarded to facilitate a community art project for the "Walltown Community Association", a historically Black Durham, NC neighborhood group.

June 2020 - June 2021

Claire Garber Goodman Grant

\$1,521

Awarded for medical anthropology project titled: "Lived experience of families with children struggling with severe congenital heart disease at Dartmouth-Hitchcock"

Dartmouth College

Travel Awards

March 2024 American Heart Association Council on Epidemiology and

> Prevention \$1.000

EPI Underrepresented Racial and Ethnic Groups Travel Grant

March 2023 **Duke Graduate School**

\$525

Conference Travel Award for Pre-candidacy Ph.D. Students

Fellowships

Sept 2021 – April 2022 Race and the Professions Fellowship

> "The Race and the Professions Fellowship is a program of the Purpose Project at Duke, a campus-wide, faculty-led effort cultivating moral purpose, fostering virtuous community, and promoting flourishing professions. The Fellowship is a year-long program inviting first-year Duke graduate and professional students to explore racial justice and anti-racism within the professions."

June 2019 – June 2021

Ernest Everett Just Undergraduate Fellowship

Two-year fellowship, during 3rd and 4th year, curated in order to increase the number of underrepresented minorities at Dartmouth who pursue a graduate degree/research in a STEM field.

Sept 2018 – May 2019

Kaminsky Undergraduate Research Award

A 3-term research award from the "Sophomore Scholars program" offered by the Office of Undergraduate Advising and Research at Dartmouth College

ADDITIONAL GRANT-WRITING EXPERIENCE

Dec 2024 – Dec 2026 (NIH-NIA) R36 - Aging Research Dissertation Awards to

Promote Diversity

Status: Scientific Review in July 2024 \$120,724 (\$111,782 Direct, \$8,942 Indirect)

PI: Michael D. Green, Key Personnel: Matthew E. Dupre, Research Question: How does discrimination in healthcare impact cardiovascular health of aging adults?

Sept 2024 – Sept 2029 (NIH-NIA) **F99/K00 - Transition to Aging Research for**

Predoctoral Students Impact Score: 22

Status: Council Review in May 2024

\$412,361 (\$392,811 Direct, \$19,550 Indirect)

PI-Fellow: Michael D. Green, Key Personnel: Matthew E. Dupre,

Roland J. Thorpe

Research Question: How does discrimination in healthcare impact cardiovascular and cognitive health of aging Black

adults?

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Lectures

- [7] Michael D. Green, Robert J. Mentz, Stephen J. Greene, Bradley G. Hammill, Utibe R. Essien, Ying Xian, Erin D. Michos, Roland J. Thorpe, Jr., Matthew E. Dupre, Emily C. O'Brien, Jay B. Lusk. (2024). "Racial and Ethnic Disparities in Cardiovascular Multimorbidity Progression Among Older United States Adults." Oral abstract presentation, *American Heart Association EPI Lifestyle 2024 Scientific Sessions*, in person. Chicago, IL.
- [6] Michael D. Green (2023). "Measuring Structural Determinants of Cardiovascular Health." Educational Session, American Heart Association: Scientific Sessions 2023. Philadelphia, PA.
- **[5] Michael D. Green**, Heather R. Farmer, Cassie B. Ford, Hanzhang Xu, Matthew E. Dupre (2023). "Perceived Discrimination in a Healthcare Setting among U.S. Black Middle-Aged and Older Adults." Oral abstract presentation, Interdisciplinary Association of Population Health Sciences Annual Meeting 2023. Baltimore, MD.
- [4] Jessica Islam, Chair; **Michael D. Green, Discussant (2023).** "Impact of Racial Violence and COVID on Chronic Disease Disparities". Academy Health Annual Research Meeting 2023. Call for Abstract Session, in-person, Seattle, WA.
- [3] Michael D. Green, (2022). "Foundations Conversations: Michael D. Green". Dartmouth Health Care Foundations and The Eric Eichler '57 Fellowship for Health Care Leaders at The Dartmouth Institute for Health Policy & Clinical Practice. Invited talk, virtual.
- [2] Michael D. Green, (2022). "Non-Reporting of Participant Race in Blood Pressure-Lowering Drug Trials". EE Just Science Forum. Invited lecture, in-person, Hanover, NH.
- [1] Michael D. Green, (2021). Senior Anthropology Honors Thesis "Half-a-heart but full of life: Lived Experience of Children Battling Severe Congenital Heart Disease". Lecture delivered at the *Goodman Annual Research Symposium*, Hanover, NH.

Posters

[8] *Michael D. Green, Robert J. Mentz, Stephen J. Greene, Bradley G. Hammill, Utibe R. Essien, Ying Xian, Erin D. Michos, Roland J. Thorpe, Jr., Matthew E. Dupre, Emily C. O'Brien, Jay B. Lusk. "Sex Differences for the Progression of Cardiovascular Multimorbidity in Older

^{*} indicates presenter

Adults in the United States" Poster presentation, *American Heart Association EPI | Lifestyle 2024 Scientific Sessions*, in person. Chicago, IL.

- [7] *Hanzhang Xu, Cassie Ford, Amy Clark, Qing Yang, **Michael Green**, Scott Lynch, Ann Marie Navar, Ying Xian, Eric Peterson, Matthew Dupre. "Multi-trajectories of blood pressure and cognitive decline in U.S. adult population" Poster presentation, Alzheimer's Association International Conference 2023, hybrid. Amsterdam, Netherlands.
- [6]*Michael D. Green, BA; Mahalia R. Dalmage, BA; Jay B. Lusk, BSC; Emilie F. Kadhim, MPH, BA; Lesley A. Skalla, PhD, MSLS; Emily C. O'Brien, PhD (2023). Differences Between Industry and Non-industry Sponsorship On Black Participation In Anti-hypertensive Drug Clinical Trials Registered To Clinicaltrials.gov. Poster presented at the *American Heart Association EPI | Lifestyle 2023 Scientific Sessions*, in-person. Boston, MA
- **[5] *Michael D. Green, BA,** Symielle A. Gaston, PhD, MPH, Dale P. Sandler, PhD, Chandra L. Jackson PhD (2022). Racial/Ethnic Discrimination and Hypertension Risk by Educational Attainment and Race/Ethnicity among US Women. Poster presented at the NIH Office of Intramural Training & Education *Summer Poster Day 2022*, virtual.
- **[4] *Michael D. Green, BA,** Symielle A. Gaston, PhD, MPH, Dale P. Sandler, PhD, Chandra L. Jackson PhD (2022). Racial/Ethnic Discrimination and Hypertension Risk by Educational Attainment and Race/Ethnicity among US Women. Poster presented at the *NIEHS Summer Internship Program Poster Session*, virtual.
- [3] *Michael D. Green, BA (2022). Chronically Uncertain: How Families of Children with Hypoplastic Left-Heart Syndrome Manage the Condition. Poster presented at the *American Heart Association EPI | Lifestyle 2022 Scientific Sessions*, in-person.
- [2]*Michael D. Green; Andjelika Millicic; Devin M. Parker, MS; Jeremiah R. Brown, PhD, (2021). National Variation in Cardiac Catheterization Use for Medicare Beneficiaries Hospitalized with Acute Coronary Syndrome. Poster presented at the *Academy Health Annual Research Meeting*, Virtual
- [1] *Michael D. Green; Devin M. Parker, MS; Allen D. Everett, MD; Luca Vricella, MD; Marshall L. Jacobs, MD; Jeffrey P. Jacobs, MD; Jeremiah R. Brown, PhD, (2019). Calculating In-Hospital Length of Stay after Pediatric Congenital Heart Surgery. Poster presented at the *Karen E. Wetterhahn Science Symposium*, Hanover, NH.

AD-HOC PEER-REVIEWER

CONFERENCE ABSTRACTS

(2023-present) Interdisciplinary Association of Population Health Sciences Annual Meeting (2022-present) Academy Health Annual Research Meeting

MANUSCRIPTS

(2024-present) Journal of Urban Health (2022-present) Journal of the American Heart Association (JAHA) (2022-present) JACC: CardioOncology (2022-present) American Heart Journal HONORS AND AWARDS

Jun 2021 Class of 1950 Award for Community Service, Department of

Athletics

This award goes "to the varsity student-athlete who has demonstrated the most extraordinary commitment to community service, as nominated by varsity head coaches and captains, and selected by the Director of Athletics, Dean of the College, and

Director of the Center for Social Impact."

Jun 2021 Legacy Award, Dartmouth College Division of Student Affairs

and Dean of College

Legacy Awards recognize students whose efforts and

accomplishments reflect one or more of the values that guide the Division of Student Affairs at Dartmouth. Given to 14 students

annually.

Jan 2021 Global Health Certificate, The John Sloan Dickey Center for

International Understanding

From center website: "provides students with a framework to demonstrate the knowledge and skills they have acquired to address complex global health challenges in a changing world. The Certificate combines coursework from across the curriculum

with a field experience in global health."

2019-2020 Third Honor Group, Dartmouth College

Academic honor list calculated based on top 35% GPA from prior

school year.

TEACHING AND MENTORING EXPERIENCE _____

TEACHING ASSISTANT

Fall 2021 Population Health Sciences Research Design and Study

Methods I (POPHS 707), Duke University School of Medicine

GUEST LECTURES

Spring 2024 Professional Development II (POPHS 912), Duke University

School of Medicine. Instructor: Hayden Bosworth 3/27

"Administrative Supplements"

Spring 2024 Grant Writing in Population Health Sciences (POPHS 930),

Duke University School of Medicine. Instructor: Meira Epplein 3/5

"Student NIH Grant Writing Experiences"

Fall 2023 Topics in Population Health Sciences I (POPHS 705), Duke

University School of Medicine. Instructor: Matthew E. Dupre 11/30 "Complex care circumstances: Children with Severe Congenital

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Heart Disease"

Fall 2023 Race and Language (EDUC 117FS/AAAS 117FS), Duke

University. Instructor: Aaron Colston 11/8 - "Structural

Determinants of Health"

PEER TUTOR

Fall 2017 Calculus (Math 3), Dartmouth College

<u>Mentoring</u>

MENTEEDATESPROGRAMMaxwell Holden D'222019-2021EE JustLaura Francisco D'222019-2021EE Just

PROFESSIONAL DEVELOPMENT WORKSHOPS_

August 2023 National Institute of Health: "NIH Diversity Supplement Professional Development & Networking Workshop"

Sponsored by the National Institute of Health.

The purpose of this workshop is to provide opportunities for scholars to meet NIH Program Staff, help to demystify the NIH grant and review process, and provide an overview of relevant funding mechanisms.

March 2022 **Duke Clinical Research Institute: "Policy Relevant Research and Engaging with Government"**

Co-Sponsored by the North Carolina Office of Strategic Partnerships. An interactive workshop, presenters will highlight the importance of policy-relevant research, discuss strategies for engaging with government, and share specific tips for successful government research partnerships.

Dec 2020 Grant GPS: "Writing Winning NIH Grant Proposals Webinar"

Sponsored by GrantGPS, two comprehensive half-day webinar presentations address both practical and conceptual aspects of writing NIH research grant and fellowship applications.

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Professional Memberships

2019, 2022-present American Heart Association

2020, 2023-present Academy Health

2023-present Interdisciplinary Association for Population Health Science

Jan 2024 – present Committee Member

Gordon G. Hammes Teach Faculty Award Selection Committee, Duke University School of Medicine

Appointed to Duke School of Medicine Ph.D. student committee overseeing that oversees the selection process for the annual award which "recognize a faculty member for continuing excellence in teaching and mentoring, and for exemplary commitment to the education of graduate students within Basic Science Departments and Graduate Training Programs of the School of Medicine."

Nov 2023 – present	Student Representative, Board of Directors Interdisciplinary Association for Population Health Sciences (IAPHS) Elected to serve 2-year term on the board of directors for IAPHS. Additionally, will chair the student committee during this term.
July 2022 – present	Diversity, Equity, and Inclusion Committee member Duke University School of Medicine, Durham, NC Department of Population Health Science, Educational Programs group
April 2022 – present	Generation Now Committee member A Most Beautiful Thing Inclusion Fund, Seattle, WA The A Most Beautiful Thing Inclusion Fund aims to build a diverse, inclusive, and equitable sport in rowing. The AMBTIF is housed as its own fund, under the umbrella of the George Pocock Rowing Foundation.
Nov 2020 – Nov 2021	Erg and Student Services Data Analyst George Pocock Rowing Foundation, Seattle, WA. AmeriCorps VISTA: Up2Us Sports Inc Supervisor: Kayla Cloud
Sept 2020 – June 2021	Council member Council on the Library, Dartmouth College One of two undergraduate students appointed for academic year on council of faculty, students, and staff to provide feedback on Library operations and activities to the Dean of the Libraries and their leadership team
Jun 2019 - Nov 2019	Dean Search Committee Member Black and First Generation Low-Income Assistant Dean position for the Office of Pluralism and Leadership at Dartmouth College.
Oct 2017 – June 2021	Executive Board Member Men of Color Alliance, Dartmouth College
Sept 2017 – Sept 2020	Executive Board Member Globemed Dartmouth, "Global Health university" team member and financial chair
MEDIA	_
Feb 2024	Interdisciplinary Association for Population Health Sciences Abstract Writing Workshop For Students A workshop for students in which we will discuss tips, review samples, and share helpful strategies for writing a clear and concise conference abstract.
August 2023	Black Male Professors and Researchers Collective Black Men Pursuing PhDs Interview Series: Ep. 1 Video Interview discussing research background and decision-making when applying to graduate school.

April 2023 The Public Health Millennial

Advancing Heart Health Equity with Michael Green

Interview for Emerging Changemakers Zone portion of the blog

"The Public Health Millennial"

May 2022 News and Observer

Braggtown

Letters to Editor piece

Jan 2022 Nature Portfolio Health Community

Everyone heard Omicron was less severe, but did not look at the

<u>qualifiers</u>

August 2021 Nature Portfolio Health Community

Systemic issues require systemic solutions: Cardiovascular health

outcomes disparities for Black men in the United States are

because of social determinants of health

June 2021 Dartmouth Sports

Heavyweight Rower Michael Green Named a 2021 Dartmouth

Legacy Award Winner

Green honored for his work as a mentor in several organizations.

Feb 2021 **50 Eggs Films X Dartmouth Sports**

Big Green Conversations: "A Most Beautiful Thing" Film Discussion "Big Green rowers Michael Green '21 and Hannah Frater '21 moderating a panel discussion of the film "A Most Beautiful Thing"

with director Mary Mazzio and creator Arshay Cooper."

Dec 2020 Row2k

"Michael D. Green: I Want Other Children to Learn the Lessons and

Experience the Rush of Rowing"

Nov 2020 Rowing in Color

"Michael D. Green: Subjectivity and Unpacking Inequities in

Rowing"

A podcast that amplifies the voices of color in rowing.

July 2020 Tosa Together

Tosa Talks: Building A Diverse, Thriving City

Personal Stories: "A monthly Facebook series to provide learning opportunities and foster meaningful discussions around racial and social justice in an effort to create an inclusive, anti-racist community." *Wauwatosa, Wisconsin.* (City of Green's Highschool)

June 2020 United States Rowing

"Black Rowers and Coaches Roundtable - Sponsored by Rowing in

Color"

March 2020 **Dartmouth Sports**

Intern Experience More Than Expected at the CDC

March 2020 Valley New

Valley News
"Big Green rower had front-row seat to the crisis response at CDC"