Helen V. S. Cole, DrPH, MPH

Carrer del Comte Borrell, 77, 1ª 2ª Barcelona, Spain 08015 Email: helen.cole@uab.cat

EDUCATION

DrPH City University of New York School of Public Health **Doctorate in Public Health Program**

June 2016

- Community, Society and Health concentration
- **Dissertation:** "Ethnicity Matters: Implications for understanding and acting upon disparities in health affecting black men in the United States" (Sponsor: Mary Clare Lennon, PhD; Committee Members: Juan Battle, PhD; Holly Reed, PhD; Joseph Ravenell, MD, MS)

MPH The University of North Carolina at Chapel Hill

May 2007

- Health Behavior and Health Education specialization
- Certificate in Global Health
- Master's Thesis: "Comunicar es Amar: Development of a curriculum for Bolivian parents on communicating with children about sexuality"

BA The University of Arkansas at Fayetteville

May 2003

- Major: Psychology, Minors: Mathematics and Spanish
- Graduated Summa Cum Laude. Semester abroad in Quito, Ecuador.
- **Senior Thesis:** "The Relationship between Young Adult Conceptualization of Anxiety and Mood Disorders and Help-Seeking Behavior"

RESEARCH AND PROFESSIONAL EXPERIENCE

2016-Present Postdoctoral Researcher (2016-)

Barcelona. Spain

Co-Coordinator- Health Cities and Environmental Justice Research Group, IMIM (2018-)

Co-Coordinator- Urban Environment, Health and Equity (2018-)

Barcelona Lab for Urban Environmental Justice and Sustainability, Institut Hospital del Mar d'Investigacions Mèdiques and Institut de Ciència i Tecnologia Ambientals Universitat Autònoma de Barcelona

Working with an interdisciplinary team on the GREENLULU's project, an EU-funded project to investigate the relationship between greening initiatives in cities and gentrification processes. My work aims to bridge the fields of urban planning, critical urban geography and public health. I coordinated and curated a monthly Critical Urban Health Discussion series (2016-2019), which aimed to foster crossdisciplinary discussion on topics and methods relating to urban health research. I collaborate with researchers internationally to push forward the theory and methods used to study the impact of complex

urban environments on health equity.

2014-2016 Project Coordinator New York, NY

Global Health Initiatives, Division of Health Behavior, Department of Population Health NYU School of Medicine

Provided technical assistance to research trainees based in Ghana and Nigeria for conducting secondary data analyses of international datasets and primary data collection for chronic disease research studies. Provided technical assistance for a pilot study on the use of mHealth to support task-shifting of cervical cancer screening to community health nurses in urban Ghana. Collaborated on the development of new grant proposals and research protocols for international training and research grants. Assisted with the development of a new Section on Global Health within the Division of Health Behavior.

2009-2016 Project Coordinator

New York, NY

Men's Health Initiative, Center for Healthful Behavior Change, Department of Population Health NYU School of Medicine

Managed two community-based randomized control trials testing behavioral interventions to encourage blood pressure control and colorectal cancer screening among older Black men, ensuring compliance with IRB and clinical trial regulating bodies. Trained and lead a team of 5 research assistants, 2 project coordinators, and 2 community health workers. Coordinated a multidisciplinary team of investigators for the Comparative Effectiveness Research Program of the NYU Prevention Research Center. Cleans data, prepares datasets and conducts analyses. Develops and maintains relationships with community and academic stakeholders. Developed a writing and mentoring group to improve analytic skills among research staff resulting in several research staff-lead poster presentations and a manuscript for publication. Wrote and collaborated on manuscripts and abstracts and worked with study investigators to develop grant proposals and pilot studies to inform new initiatives focusing on minority men's health.

2008-2009 Assistant Project Manager

New York, NY

Division of General Internal Medicine Mount Sinai School of Medicine

Managed three grant-funded research projects, ensuring IRB and funder compliance. Designed and managed databases for tracking research study progress. Trained and supervised a team of 2 research assistants and several volunteers. Assured quality of data collection. Cleaned data and prepared datasets for analysis. Monitored budgets for NIH- and foundation-funded research studies and prepared sponsor progress reports. Contributed to writing and preparation of journal articles. Coordinated and assisted with the preparation of new foundation and NIH grant proposals. Coordinated recruitment and innovative processes for a national mail-in survey of physicians, obtaining a response rate of greater than 50%.

2007 Project Manager New York, NY

Transcendent International, LLC

Managed two NIH-funded projects geared toward improving health care for individuals with limited English proficiency and assisted with writing of NIH Small Business Innovative Research grant proposals. Facilitated focus groups and created theory- and evidence-informed health education materials.

2006-2007 Research Assistant

Chapel Hill, NC

Oruro, Bolivia

Department of Social Medicine

The University of North Carolina at Chapel Hill

Recruited participants, administered surveys, and lead educational sessions in English and Spanish. Analyzed qualitative data for a study on research participants' perspectives on special populations in AIDS clinical trials.

Summer 2006

Qualitative Research Intern Save the Children, USA

Conducted a qualitative study on sexuality, abuse, and maltreatment among children in the Altiplano region of Bolivia. Analyzed qualitative data from 22 focus groups with children, teachers, and parents and produced an internal document presenting the results of the study. Designed and wrote a curriculum for Bolivian parents on communicating with children about sexuality.

2006

Research Assistant

Chapel Hill, NC

Men as Navigators for Health

Center for Health Promotion and Disease Prevention (UNC)

Assisted with coordination of a multi-site lay health advisor study and a Photovoice project with African American men in rural North Carolina.

2005-2006

Research Assistant

Chapel Hill, NC

Latino Adolescent Migrant Health Adaptation Project Carolina Population Center (UNC)

Recruited participants and conducted quantitative interviews with Latino adolescents and parents on mental health and immigration in Spanish and English.

TEACHING EXPERIENCE

Fall 2020

Co-Instructor

Barcelona, Spain

(online)

Universitat Autònoma de Barcelona

Co-instructor of Political Ecology course for the Master's program in Interdisciplinary Studies in Environmental, Economic and Social Sustainability of the Institute of Environmental Science and Technology (ICTA).

April 2020

Guest Lecturer

University of Michigan School of Public Health

Urban Health course (Dr. Roshanak Medhipanah)

Ann Arbor, MI, USA (online)

Fall 2018 and Co-Instructor Barcelona, Spain Fall 2019 Universitat Autònoma de Barcelona Co-instructor of Urban Environmental Justice course for the Master's program in Political Ecology and Degrowth of the Institute of Environmental Science and Technology ICTA). Atlanta, GA, USA Sept. 2018 Guest Lecturer **Morehouse School of Medicine** Master's class on Environmental Health (Dr. Valerie Garcia). Fall 2017 Barcelona, Spain Instructor Universitat Autònoma de Barcelona Designed and taught a one-week intensive colloquium on urban public health for doctoral students in environmental science. Spring 2017 Instructor Barcelona, Spain Universitat Autònoma de Barcelona Designed and taught a course on quantitative methods and statistics for doctoral students, bridging epidemiologic, biostatistics and sociological quantitative methods for urban research. 2015-2016 Guest Lecturer New York, NY York College and Brooklyn College, CUNY 4 undergraduate public health courses (Dr. Sara Flowers) Fall Teaching Assistant, Community Nutrition Education New York, NY Semesters **CUNY School of Public Health** 2011-2014 Provided feedback for masters-level students on all assignments. Prepared and taught 2 2-hour class sessions per semester (Dr. May May Leung). New York, NY Spring 2012 Teaching Assistant, Migration and Health **New York University** Provided feedback to masters-level students on class papers. Prepared and taught 1 2-hour class session (Dr. Nadia Islam). 2004-2005 English Instructor Shenyang, China College of International Business, Shenyang Normal University Responsible for teaching advanced English grammar and oral English to 100+ college freshman per semester. Prepared lesson plans, assignments, and provided feedback to students.

PUBLICATIONS AND PRESENTATIONS

Peer-Reviewed Publications

Cole H, Anguelovski I, Connolly J, Garcia Lamarca M, Perez del Pulgar C, Shokry G, Triguero-Mas M. Adapting the Environmental Risk Transition Theory for Urban Health Inequities: Examining complex environmental riskscapes and overlapping injustices in seven Global North cities. *Social Science and Medicine*. In press. https://doi.org/10.1016/j.socscimed.2021.113907

Argüelles L, **Cole HVS**, Anguelovski I. Rail-to-park transformations in 21st century modern cities: Green gentrification on track. *Environment and Planning E-Nature and Space*. In press.

Schinasi LH, **Cole H**, Hirsch JA, Hamra GB, Gullon P, Bayer F, Melly S, Neckerman KM, Lovasi GS, Clougherty JE. Associations between greenspace and gentrification in major urban areas across metropolitan areas in the United States. *IJERPH*. 18(6), 3315. https://doi.org/10.3390/ijerph18063315.

Cole HVS, Mehdipanah R, Gullón P, Triguero-Mas M. Breaking down and building up: Gentrification, its drivers, and urban health inequality. *Current Environmental Health Reports*. 13 March 2021. https://doi.org/10.1007/s40572-021-00309-5

Oscilowicz E, Honey-Rosés J, Anguelovski I, **Cole H**, Triguero-Mas M. Young families and children in gentrifying neighborhoods: How gentrification reshapes use and perception of green play spaces. *Local Environment*. 2020; 25(10): 765-786. DOI: 10.1080/13549839.2020.1835849

Cole HVS, Anguelovski I, Baró F, Garcia Lamarca M, Kotsila P, Pérez-del-Pulgar C, Shokry G, Triguero-Mas M. The Future of Cities: What the COVID-19 pandemic is teaching us about power and privilege, gentrification, and urban environmental justice. *Cities & Health*. 2020: July, 2020. DOI: 10.1080/23748834.2020.1785176

Triguero-Mas M, Anguelovski I, Cirac-Claveras J, Connolly JTT, Vazquez A, Urgell-Plaza F, Cordona-Giralt N, Sanyé-Mengual E, Alonso J, **Cole HVS**. Evaluation of quality of life benefits of urban rooftops program for gardeners with intellectual disability or mental health disorders. *Preventing Chronic Disease*. 2020;17:200087. DOI: http://dx.doi.org/10.5888/pcd17.200087

Cole H. A call to engage: Considering the role of gentrification in public health research. *Cities & Health*. 2020: May, 2020. https://doi.org/10.1080/23748834.2020.1760075

Anguelovski I, Livia Brand A, Connolly JJT, Corbera E, Kotsila P, Steil J, Garcia-Lamarca M, Triguero-Mas M, **Cole H**, Baró F, Langemeyer J, Pérez del Pulgar C, Shokry G, Sekulova F, Arguelles Ramos L. Expanding the boundaries of justice and equity in urban greening scholarship: Towards an emancipatory, intersectional, and interactional approach. *Annals of the American Association of Geographers*. 2020; April 2020. https://doi.org/10.1080/24694452.2020.1740579

Garcia Lamarca M, Anguelovski I, **Cole HVS**, Connolly JJT, Arguelles L, Baró F, Loveless S, Pérez del Pulgar Frowein C, Shokry G. Urban green boosterism and city affordability: for whom is the 'branded' green city? *Urban Studies*. 2019; 11 Dec 2019. https://doi.org/10.1177/0042098019885330.

Asgary R, **Cole H**, Adongo P, Nwameme A, Maya E, Adu-Amankwah A, Barnett H, Adanu R. Acceptability and implementation challenges of smartphone-based training of community health nurses for visual inspection with acetic acid in Ghana: mHealth and cervical cancer screening. *BMJ Open* 2019; **9:**e030528. doi: 10.1136/bmjopen-2019-030528 (Impact factor: 2.376, Q1)

Anguelovski I, Triguero-Mas M, Connolly JJT, Kotsila P, Shokry G, Pérez del Pulgar C, Garcia-Lamarca M, Argüelles L, Mangione J, Dietz K, **Cole H**. Gentrification and health in two global cities: A call to identify impacts for socially-vulnerable residents. *Cities and Health*. 29 July 2019. https://doi.org/10.1080/23748834.2019.1636507

- **Cole HVS**, Triguero-Mas M, Connolly J, Anguelovski I. Determining the Health Benefits of Green Space: Does gentrification matter? *Health and Place*. 2019; 57, May 2019: 1-11. https://doi.org/10.1016/j.healthplace.2019.02.001
- Anguelovski I, Connolly JJT, Garcia-Lamarca M, **Cole H**, Pearsall H. New scholarly pathways on green gentrification: What does the urban 'green turn' mean and where is it going? *Progress in Human Geography*. Oct 2018: 1-23. Doi: https://doi.org/10.1177/0309132518803799
- **Cole HVS,** Reed H, Tannis C, Trihn-Shevrin C, Ravenell J. Does Awareness of High Blood Pressure Vary by Nativity among Black Men?: Implications for Interpreting the Immigrant Health Paradox. *Prev Chronic Dis.* 2018;15:170570. DOI: http://dx.doi.org/10.5888/pcd15.170570.
- **Cole H,** Garcia Lamarca M, Connolly JJ, Anguelovski I. Are green cities healthy and equitable? Unpacking the relationship between health, green space and gentrification...*J Comm H and Epi*. August 2017; 71:1118-1121. doi: 10.1136/jech-2017-209201.
- **Cole H**, Thompson H, White M, Browne R, Trinh-Shevrin C, Braithwaite RS, Fiscella K, Boutin-Foster C, Ravenell J. Community-Based, Preclinical Patient Navigation for Colorectal Cancer Screening Among Older Black Men Recruited From Barbershops: The MISTER B Trial. *Am J Public Health*. 2017 Sept 1;107, 9: 1433-1440. doi: 10.2105/AJPH.2017.303885
- **Cole H**, Iwelunmor J, Newsome V, Agyemang C, Jean-Louis G. Sleep duration is associated with increased risk for cardiovascular outcomes: a pilot study in a sample of community dwelling adults in Ghana. *Sleep Medicine*. 2017; 34:118-125.
- Islam N, Patel S, Brooks-Griffin Q, Kemp P, Raveis V, Riley L, Gummi S, Nur PQ, Ravenell J, **Cole H,** Kwon S. Understanding Barriers and Facilitators to Breast and Cervical Cancer Screening among Muslim Women in New York City: Perspectives from Key Informants. *SM J Community Med.* 2017; 3(1): 1022. PMID: 29629435
- **Cole H**, Duncan D, Ogedegbe G, Bennett S, Ravenell J. Neighborhood Socioeconomic Disadvantage, Neighborhood Racial Composition and Hypertension Stage, Awareness, and Treatment among Hypertensive Black Men in New York City: Does Nativity Matter? *J Racial Ethn Health Disparities*. 2016 Sep 22. PMID: 27659485.
- Dedey F, Wu L, Ayettey AH, Sanuade OA, Akingbola TS, Hewlett SA, Tayo BO, **Cole H**, de-Graft Aikins A, Ogedegbe G, Adanu R. Factors associated with waiting time for Breast Cancer treatment in a Teaching Hospital in Ghana. *Health Educ Behav*. 2016 Aug;43(4):420-7. PMID: 27091222.
- Boima V, Ademola AD, Odusola AO, Agyekum F, Nwafor E, **Cole H**, Salako B, Ogedegbe G, Tayo BO. Factors associated with medication non-adherence among hypertensives in Ghana and Nigeria. *International Journal of Hypertension*. 2015; 2015 (PMID: 26509081).
- **Cole, H.**, Ravenell, J., Schoenthaler, A., Braithwaite, R. S., Ladapo, J., Mentor, S., Uyei, J., & Trinh-Shevrin, C. Community-based settings and sampling strategies: implications for reducing racial health

disparities among black men, New York City, 2010-2013. *Prev Chronic Dis.* 2014;11. doi: 10.5888/pcd11.140083

Lancaster KJ, Midberry SA, Schoenthaler AM, Watts SO, Nulty MR, **Cole HV**, Ige E, Chaplin W, Ogedegbe G. Rationale and design of FAITH, a lifestyle intervention targeting blood pressure control among Black church members. *American Heart Journal*. 2014;167:301-7. https://doi.org/10.1016/j.ahj.2013.10.026

Ravenell J, Thompson H, Cole H, Plumhoff J, Cobb G, Afolabi L, Wells M, Scott M, Ogedegbe G. A Novel Community-based Study to Address Disparities in Hypertension and Colorectal Cancer: a study protocol for a randomized control trial. *Trials*. 2013; 14: 287. DOI: 10.1186/1745-6215-14-287

Hanoch Y, Miron-Shatz T, **Cole H**, Himmelstein M, Federman AD. Choice, numeracy, and physicians-in-training performance: the case of Medicare Part D. *Health Psychol*. 2010 Jul;29(4):454-9. DOI: 10.1037/a0019881

Federman AD, **Cole H**, Sano M. Cognitive performance in community-dwelling English- and Spanish-speaking seniors. *Age and Ageing*. 2009 Nov;38(6):669-75. doi: 10.1093/ageing/afp127

Federman, AD, Safran DG, Keyhani S, **Cole H**, Halm EH, Siu AL. Awareness of pharmaceutical cost-assistance programs among inner-city seniors. *The American Journal of Geriatric Pharmacotherapy*. 2009:7(2):117-129. doi: 10.1016/j.amjopharm.2009.04.003

Invited Commentary

Anguelovski I, **Cole HVS**, Connolly JJT, Triguero-Mas M. Do green neighbourhoods promote urban health justice? *The Lancet Public Health*. June 2018; 3: DOI: https://doi.org/10.1016/S2468-2667(18)30096-3

Cole HVS, Shokry G, Connolly JJT, Perez-del-Pulgar C, Alonso J, Anguelovski I. Can Healthy Cities be made really healthy? *The Lancet Public Health*. September 2017; 2: e394-e395. DOI: http://dx.doi.org/10.1016/S2468-2667(17)30166-4

Peer-reviewed Articles Under Review

Triguero-Mas M, Anguelovski I, Connolly JTT, Garcia Lamarca M, Arguelles L, **Cole HVS**. Natural outdoor environments' health effects in gentrifying neighborhoods: disruptive green landscapes for underprivileged neighborhood residents. *Social Science and Medicine*. In revision.

Ribeiroa AI, Triguero-Mas M, Jardim Santosa C, Gómez-Nieto A, Cole H, Anguelovski H, Martins Silva F, Baró F. Nature as a buffer against mental distress during COVID-19 lockdown: results from Portugal and Spain. *Environment International*. In revision.

Pérez-del_Pulgar C, Anguelovski I, Cole HVS, de Bont J, Connolly J, Baró F, Díaz Y, Fontán-Vela M, Duarte-Salles T, Triguero-Mas M. The relationship between residential proximity to outdoor play spaces and children's mental and behavioral health: the importance of neighborhood socio-economic characteristics. *Environmental Research*. In revision.

López-Gay A, Spijker J, Cole HVS, Marques AG, Triguero-Mas M, Anguelovski I, Marí-Dell'Olmo M, Módenes JA, Álamo-Junquera D, López-Gallego F, Borrell C. Sociodemographic determinants of

neighborhood variations in COVID-19 incidence. The case of Barcelona. *Journal of Epidemiology and Community Health*. In revision.

Tannis C, **Cole HVS**, Ravenell J. Health risk behavior differences in a diverse population of Black men. *Health Education and Behavior*. Under review.

Cole HVS, Vásquez-Vera H, Triguero-Mas M, Fernández Sánchez A, Oliveras L, Carrere J, Jacques Aviñó J, Mehdipanah R. Causes, consequences and health impacts of gentrification in the Global North: Leveraging multiple stakeholder perspectives to develop a conceptual framework. *Health and Place*. Under review.

Anguelovski I, **Cole HVS**, O'Neill E, Baro F, Kotsila P, Sekulova F, Pérez del Pulgar C, Shokry G, Garcia Lamarca M, Arguelles Ramos L, Connolly JTT, Honey-Rosés J, Lopez Gay A, Fontán Vela M, Mathaney A, Oscilowicz E, Binet A,Triguero-Mas M. Gentrification pathways and their health impacts on historically marginalized residents in Europe and North America: Global qualitative evidence from 14 cities. *Health and Place*. Under review.

Books and Book Chapters

Cole H, Immergluck D. (Forthcoming) "Reshaping legacies of green and transit justice through the Atlanta Beltine" in *The Green City and Social Injustice: 21 Tales from North America and Europe*. Eds. Isabelle Anguelovski and James Connolly. Routledge.

Cole H. (Forthcoming) "West Dallas: The 'Nowhere' that has become 'Somewhere'" in *The Green City and Social Injustice: 21 Tales from North America and Europe*. Eds. Isabelle Anguelovski and James Connolly. Routledge.

Cole H, Abel T. (Forthcoming) "Resisting green gentrification: Seattle's South Park neighborhood struggles for environmental justice" in *The Green City and Social Injustice: 21 Tales from North America and Europe*. Eds. Isabelle Anguelovski and James Connolly. Routledge.

Cole H, Anguelovski I. (Forthcoming) "Social Equity and Healthy Urban Places" in *Making Healthy Places*, 2nd Edition. Eds. Nisha Botchwey, Andrew Dannenberg, Howard Frumkin. Island Press.

Anguelovski I, Argüelles L, Baró F, **Cole HVS**, Connolly JJT, García Lamarca M, Loveless S, Pérez del Pulgar C, Shokry G, Trebic T, Wood E. (2018). *Green Trajectories: Municipal policy trends and strategies for greening in Europe, Canada and United States* (1990-2016). Barcelona: Barcelona Laboratory for Urban Environmental Justice and Sustainability.

Non-Peer Reviewed Papers, Articles and Reports

Oscilowicz E, Lewartowska E, Levitch A, Luger J, Hajtmarova S, O'Neill E, Planas Caronell A, Rivera Blanco C, Monroe E (forthcoming). Policy and Planning Tools for Urban Green Justice - A review and analysis of policy and planning tools to fight displacement/gentrification and to improve inclusiveness and access to green amenities. Research coordinators and editors: Anguelovski I, Cole H, Oscilowicz E.

Shokry G, Anguelovski I and BCNUEJ lab members. 2021. *Bringing nature back to the metropolis for all*. Issue Paper #12. Published by the Metropolis Observatory. Available online: https://www.metropolis.org/sites/default/files/resources/Observatory Bringing-nature-back-metropolisall Anguelovski-Shokry.pdf

Anguelovski I, Baro F, Triguero-Mas M, and **BCNUEJ lab members**. (2020) Construir la resiliencia social y ambiental de Barcelona en tiempos post-Covid-19. *El Periódico*. https://www.elperiodico.com/es/opinion/20200505/articulo-construir-la-resiliencia-social-y-ambiental-de-barcelona-en-tiempos-post-covid-19-7951295

Anguelovski I, Triguero-Mas M, **Cole H**, Connolly J. (2019) CAP Raval: Un Caso de Racismo Ambiental. El Periódico. https://www.elperiodico.com/es/opinion/20190414/articulo-cap-raval-racismo-ambiental-7408177?utm_source=twitter&utm_medium=social

Anguelovski I, Cirac-Claveras J, Cole H, Connolly JJT, Triguero Mas M, Daher C. (2018) <u>Jardins als</u> <u>terrats per la inclusió, salut i benestar de col·lectius vulnerables</u> [Rooftop gardens for inclusion, health and well-being of vulnerable groups]. A report for the Ayuntament de Barcelona.

Triguero-Mas M, Cole H, Anguelovski I, Nieuwenhuijsen MJ. (2017). *Espacios verdes y salud en Barcelona: Revisión de la evidencia más reciente* [Green space and health in Barcelona: A review of the latest evidence]. A report for the Ayuntament de Barcelona.

Cole H. (2009). AIDS in Arkansas. *The Encyclopedia of Arkansas History and Culture*. www.encyclopediaofarkansas.com

Cole H. (2008). Public Health. *The Encyclopedia of Arkansas History and Culture*. www.encyclopediaofarkansas.com

Cole HV and Hilari C. (2006). *Suma jakaña: living well from birth to death, A qualitative Study on Sexuality and Violence*. Save the Children-Bolivia. Unpublished document.

Bailey S, Cole H, McKnight M, Seman L, and Weaver, S. (2006). *The Latino community in Johnston County, North Carolina: An action-oriented community diagnosis.* Available online at http://archives.hsl.unc.edu/cdpapers/JohnstonCoLatinos2006.pdf

Blogs

Anguelovski I, **Cole HVS**, et al. "Testimonies of Confinement: Women and Men in Academia" *Solidarity and Care During the COVID-19 Pandemic*. https://www.solidarityandcare.org/stories/letters-reflections/testimonies-of-confinement-women-and-men-in-academia

Anguelovski I, Kotsila P, **Cole H** (2020). "The Lasting Impact of Covid-19 on Environmental Justice in Cities". *Medium*. https://medium.com/@bcnuej/the-lasting-impact-of-covid-19-on-environmental-justice-in-cities-8cc38b0a6c58

Cole H (2019). "How green gentrification is compromising Seattle's last affordable neighborhood". Blog post. Green Inequalities http://www.bcnuej.org/2019/12/03/how-green-gentrification-is-compromising-seattles-last-affordable-neighborhood/ and Undisciplined Environments:

https://undisciplinedenvironments.org/2019/12/03/how-green-gentrification-is-compromising-seattles-last-affordable-neighborhood/

Cole H. (2019). "How West Dallas became "somewhere", except for its residents". Blog post. Green Inequalities: http://www.bcnuej.org/2019/09/25/how-west-dallas-became-somewhere-except-for-its-residents/

Anguelovski I, et al. (2019). "What's it like to be a woman in science and academia? We asked our lab members". Green Inequalities: http://www.bcnuej.org/2019/02/14/whats-it-like-to-be-women-in-science-and-academia/

Cole H (2018). "The Problem with the Atlanta Beltline's Promise of Affordability". Blog post. Green Inequalities: http://www.bcnuej.org/2018/11/20/the-problem-with-atlantas-beltline-promise-of-affordability/

Franzosa E, **Cole H** (2018). "The Gentrification of American Healthcare". Blog post. Green Inequalities: http://www.bcnuej.org/2018/06/21/the-gentrification-of-american-healthcare/

Cole H. (2018). "How big business is gentrifying small town America". Blog post. Green Inequalities: http://www.bcnuej.org/2018/03/01/big-business-gentrifying-small-town-america/

Media Coverage

My work has been featured in various media outlets in Europe and the United States in radio, television, print, and online sources. The following is a sample of these mentions in the form of expert quotes, reporting on the results of my research, and interviews; not exhaustive:

Interview by Paola Hernández. Livable spaces for all: Covid-19 in the city. *European Green Journal*. Volume 20. November 30, 2020. Available online: https://www.greeneuropeanjournal.eu/liveable-spaces-for-all-covid-19-in-the-city/

Radio interview. Vida Verde with Pilar Sampietro. Radiotelevisón Española, Radio 3/Radio 4. Aired June 15, 2019.

Garrido G. Els entorns naturals només beneficien la salut dels veins rics. *Ara*. 21 May 2019: https://www.ara.cat/societat/entorns-naturals-nomes-beneficien-salut_0_2238376179.html

Els beneficis de les noves zones verdes nomes arriben als mes rics i amb mes estudis. *Catalunya Radio*. 4 abril 2019. https://www.ccma.cat/324/els-beneficis-de-les-noves-zones-verdes-nomes-arriben-als-mes-rics-i-amb-mes-estudis/noticia/2914447/

Cómo es ser mujer científica y académica? Nuestras investigadoras comparen sus experiencias. *Mujeres con Ciencia*. 19 marzo 2019. https://mujeresconciencia.com/2019/03/19/como-es-ser-mujer-cientifica-y-academica-nuestras-investigadoras-comparten-sus-experiencias/

Willis A. "Can an old-school oil company make a small town cool?" *The Outline*. Sept 11, 2018. https://theoutline.com/post/6165/el-dorado-arkansas-revitalization-gentrification-murphy-oil?zd=1&zi=72piptiy

Eden, E. "How urban investment patterns fuel healthcare inequities". *Planetizen*. July 20, 2018. https://www.planetizen.com/news/2018/07/99696-how-urban-investment-patterns-fuel-healthcare-inequities

"Helen Cole: "La gentrificació té conseqüències físiques i psicològiques per a qui no vol marxar d'un barri". [Gentrification has physical and psychological consequences for those who don't leave the neighborhood.] *El Cugatenc*. February 19, 2018. https://elcugatenc.cat/drets/helen-cole-gentrificacio-efectes-fisics-psicologics-no-marxar-barri

"La Unipau reivindica la pau i la lluita contra la pobresa per millorar la salut de la ciutadania". [The Peace University claims peace and the fight against poverty to improve the health of citizens.] *Cugat.cat Diari TV/Radio*. February 17, 2018. https://www.cugat.cat/noticies/societat/134530

Deaton, J. "The curse of 'green gentrification". *Eco-Business*. January 26, 2018. http://www.eco-business.com/news/the-curse-of-green-gentrification/

"Una investigación alerta de la "gentrificación verde" en zonas con parques y jardines" [A study alerts of "green gentrification" in areas with parks and gardens]. *La Vanguardia*. October 4, 2017. http://www.lavanguardia.com/local/barcelona/20171004/431789351051/una-investigacion-alerta-de-lagentrificacion-verde-en-zonas-con-parques-y-jardines.html

"Reaching black men in barbershops could lead to early detection of colorectal cancer" *Science Daily*. July 24, 2017. https://www.sciencedaily.com/releases/2017/07/170724161250.htm

Invited Lectures

Panelist. Gentrificació, una aproximació des de la salut pública. Agencia de Salud Pública de Barcelona Sesiones Científicas 2020. October 20, 2020 (online). Available: https://www.youtube.com/watch?v=bcyhc1u9LpE&feature=youtu.be

Panelist. Covid19, justice and sustainability in cities. UrbanA Open Seminar. June 5th, 2020 (online). https://urban-arena.eu/event/urbana-open-webinar-covid19-justice-and-sustainability-in-city/

Lecture. "Urban Environmental Inequalities: From environmental justice to green gentrification" Public Space Research Group, City University of New York. June 5th, 2020 (online).

Lecture. Gentrification and Health workshop. Barcelona Lab for Urban Environmental Justice (BCNUEJ) and the Public Health Agency of Barcelona (ASPB). Feb 7th, 2020. Barcelona, Spain.

Lecture (with Isabelle Anguelovski). Institució Catalana de Recerca i Estudis Avançats (ICREA) lectura series. November 12, 2019. Barcelona, Spain.

Panelist. "What if everybody could enjoy a healthy city?" 2019 Biennal Ciencia i la Ciutat series. March 27, 2019. Barcelona, Spain.

Panelist. "Creating equitable activity-friendly communities: Addressing the consequences of gentrification and displacement". 2019 Active Living Conference. February 19, 2019. Charleston, SC, USA.

Lecture. "Green space, health and gentrification: For whom is the green and healthful city?" Center for Systems Change and Community Design. CUNY School of Public Health. February 14, 2019. New York, NY.

Lecture. "Gentrificació i salut". La Floresta Women's Group. January 31, 2019. La Floresta, Spain.

Panelst. "Els reptes d'assolir ciutats verdes i saludables per tothom." [The challenges of achieving Green and healthy cities for all.] Més enllà de la re-naturalització de les ciutats: Com garantim l'accés equitatiu als espais verds? [Beyond re-naturalization of cities: How to we guarantee equitable access to Green spaces.] Cycle of debates on health and nature. Palau Macaya, Barcelona, Spain. December 13, 2018.

Lecture (with Margarita Triguero-Mas) "Green gentrification and health: the case of New York City". Escuela Naciónal de la Sanidad, Madrid, Spain. October, 26, 2018.

Panelist. Round table discussion: "Com garantim l'accés equitatiu a la natura?" [How do we guarantee equitable access to nature?]. Panelist, La conservació de la natura en benefici de la salut. Cicle de debats salut i natura. [The conservation of nature for the benefit of health, Cycle of debates on health and nature.] Palau Macaya, Barcelona, Spain. October 8, 2018.

Lecture. "Assessing the health benefits of green space: Does gentrification matter?". Urban Studies Center, Georgia State University, Atlanta, Georgia, USA. September 13, 2018.

Lecture. "La Herencia de un Mundo Sostenible" Universitat Internacional de la Pau, Winter Conference on Peace and Health, Sant Cugat, Spain, February 17, 2018.

Master's Seminar: "Gentrificación verde: Implicaciones para el estudio de desigualdades de salud urbana". Universidad Miguel Hernández, Alicante, Spain. January 18, 2018.

Panel Presentations

Cole H. "Cities as a driving force for integrating health in the New Urban Agenda: Barcelona and Beyond". Panelist, 14th Annual International Conference on Urban Health, Coimbra, Portugal, September 28th, 2017.

Cole H. "Segregation, Gentrification, and Health". Panelist, Reimagining Health in Cities: From Local to Global. Drexel University, Philadelphia, Pennsylvania, USA. September 8, 2017.

Cole H, Thompson H, Cobb G, Brown D, Hickman T, Moore J, Mondesir M, Gyamfi L, Castillo P, Han M, Ravenell J. Results from a randomized control trial testing community-based patient navigation among a sample of older black men recruited from barbershops. 7th Annual Health Disparities Conference at Teachers College, Columbia University. March 7, 2015 (Panel Presentation).

Cole H, Hickman T, Mondesir M, Ravenell J. The NYU men's health initiative focus on hypertension and colorectal cancer: Successes and challenges in addressing health disparities among Black men through community-based research—from barbershops to faith-based settings. 6th Annual Health Disparities Conference at Teachers College, Columbia University. March 7, 2014 (Panel Presentation).

Oral Presentations

- Ribeiroa AI, Triguero-Mas M, Jardim Santosa C, Gómez-Nieto A, Cole H, Anguelovski I, Martins Silva F, Baró F. Nature as a buffer against mental distress during COVID-19 lockdown: results from Portugal and Spain. Reunión Anual de la Sociedad Española de Epidemiología (SEE). Oct 29, 2020 (online).
- **Cole H**, Anguelovski I, Connolly J, Garcia Lamarca M, Perez del Pulgar C, Shokry G, Triguero-Mas M. Examining environmental health risk transitions in seven global North cities: From environmental injustice to green gentrification. Reunión Anual de la Sociedad Española de Epidemiología (SEE). Oct 29, 2020 (online).
- Oscilowicz E, Honey-Rosés J, Anguelovski I, **Cole H**, Triguero-Mas M. Young families and children in gentrifying neighbourhoods: How gentrification reshapes use and perception of green play spaces. Reunión Anual de la Sociedad Española de Epidemiología (SEE). Oct 29, 2020 (online)
- Franzosa E, Cole H. "How Healthcare Gentrification Drives Health Injustice: Implications for Access to Healthcare Services and Jobs in 4 Mid-Sized Cities". American Public Health Association Annual Conference, November 2nd to 6th, 2019. Philadelphia, US.
- **Cole H,** Franzosa E. "The Impact of Health Care Gentrification on Access to Care among Vulnerable Residents in 4 Mid-Sized U.S. Cities." Association for Public Policy Analysis & Management (APPAM) International Conference. July 29th and 30th, 2019. Barcelona, Spain.
- Franzosa E, **Cole H.** "The Impact of Health Care Gentrification on Health Care Workers in 4 Mid-Sized U.S. Cities." Association for Public Policy Analysis & Management (APPAM) International Conference. July 29th and 30th, 2019. Barcelona, Spain.
- **Cole H,** Triguero-Mas M, Connolly JTT, Anguelovski I. "Determining the health benefits of green space: does gentrification matter?" Urban Transition conference 2018. November 25-27, 2018. Sitges, Spain.
- Newsome Garcia V, Weldon E, Cole H, Camille P, Zizi F, Jean-Louis G, Ravenell J. "Why do Black men say "Yes"?: A qualitative study of Black men who agreed to enroll in clinical research trials". Oral Presentation, American Public Health Association 2018 Annual Meeting.
- **Cole H**, Triguero-Mas M. "Neighborhood gentrification and Health" Competing for Urban Space: Neighborhood Change and Population Dynamics. Symposium of the Centre d'Estudis Demogràfics, Universitat Autònoma de Barcelona. July 12th-14th, 2018. Barcelona, Spain.
- **Cole H,** Triguero-Mas M, Connolly J, Anguelovski I. A Longitudinal and Spatial Analysis Assessing Green Gentrification in Historically Disenfranchised Neighborhoods of Barcelona: Implications for Health Equity. Oral Presentation, International Conference on Transportation and Health. June 28, 2017. Barcelona, Spain.
- Hickman T, Cole H, Fenstermaker M, Gold H, Makarov D, Loeb S, Ravenell J. A pilot study to compare a CHW-led vs a Physician-led intervention for prostate cancer screening decision-making among black men. Oral Presentation, American Public Health Association 2016 Annual Meeting.
- Vieira D, Cole H, Lopez-Rios M, Ali S, Shaw F, Ogedegbe G, Wall S. ECapacity Initiative: A model for building research ICT capacity in low and middle-income countries. Oral Presentation, American Public Health Association 2016 Annual Meeting.
- Patel, S., Mkuu, R., Gummi, S., Ahsanuddin, S., Alam, G., Ahmed, R., Nur, P.R.M.Q, Cole, H., Riley, L., Raveis V.H., Kwon, S., Ravenell, J., Islam, N. Muslim Americans Reaching for Health and Building

Alliances (MARHABA): A study of breast and cervical cancer screening barriers and facilitators among Muslim women in New York City. American Public Health Association 2014 Annual Meeting.

Patel, S., Mkuu,R., Gummi, S., Ahsanuddin, S., Alam, G., Ahmed, R., Nur, P.R.M.Q, **Cole, H.**, Riley, L., Raveis V.H., Kwon, S., Ravenell, J., Islam, N. Multi-cultural approaches to breast and cervical cancer prevention and control (a collaborative session with the Women's Caucus and Cancer Forum). American Public Health Association 2014 Annual Meeting.

Cole H, Plumhoff J, Cobb G, Boutin-Foster C, Thompson H, Ravenell J. Community-based versus random digit dialing samples in chronic disease prevalence estimates among older Black men in New York City. 2013 Society of General Internal Medicine Annual Meeting. Denver, CO. April 27, 2013.

Select Poster Presentations

Leah H Schinasi, **H Cole**, JA Hirsch, GB Hamra, P Gullon, F Bayer, S Melly, KM Neckerman, GS Lovasi, JE Clougherty. Greenspace, gentrification, and urban development in the United States: A longitudinal, multi-city analysis. International Society of Environmental Epidemiology annual conference. Poster presentation. August 24-27, 2020. Virtual.

Ajayi A, **Cole H**, Agyemang C, Williams N, Newsome V, Zizi F, St-Preux E, Ogedegbe O, Jean-Louis G. Is insomnia related to cardiovascular disease incidence in a sample of community-dwelling Ghanaians? Poster Presentation, 2016 Sleep, June, 2016, Denver, CO.

Cole H, Newsome V, Seixas A, Owusudabo E, Ageymang C, Jean-Louis G. A comparison of total sleep time derived from three validated actigraphic algorithms using data from community-dwelling Ghanaians. Poster Presentation, 2016 Sleep, June, 2016, Denver, CO.

Cole H., Thompson H, Hickman T, Brown D, Ravenell J. Do beliefs about colorectal cancer screening differ by nativity among older black men? Poster Presentation, 2016 Society of Behavioral Medicine annual meeting, April 2016.

Fenstermaker M, Hickman T, Gold H, Makarov D, Loeb L, Cole H, Cahn E, Ravenell J. How does doctor-patient communication about prostate cancer screening influence African-American patients' decisional conflict around screening decisions? Poster Presentation, American Association of Cancer Research (AACR), 2015 Health Disparities Conference, November, 2015.

Cole H; Duncan D; Cobb C; Brown D; Hickman T; Bouzy T; Moore J; Mondesir M; Gyamfi L; Castillo P; Han M; Ravenell J. The impact of neighborhood- versus individual-level socioeconomic status on health care access among an urban sample of older Black men. Poster presentation, 2014 International Symposium on Minority Health and Health Disparities.

Cole H; Duncan D; Cobb C; Brown D; Hickman T; Bouzy T; Moore J; Mondesir M; Gyamfi L; Castillo P; Han M; Ravenell J. Does area-level socioeconomic status matter in determining the health of an urban sample of older Black men? Poster presentation, 2014 International Symposium on Minority Health and Health Disparities.

- **Cole H**; Thompson H; White M; Cobb G; Brown D; Hickman T; Bouzy T; Moore J; Mondesir M; Gyamfi L; Castillo P; Han M; Ravenell JE. Results from a randomized control trial testing community-based patient navigation among a sample of older black men recruited from barbershops. Poster presentation. 2014 Minority Health and Health Disparities Grantees' Conference.
- **Cole H,** Ravenell J. Does neighborhood-level socioeconomic status affect health care access among hypertensive black men? Poster presentation. 2014 annual meeting of the American Public Health Association (APHA).
- Han M, Cole H, Ravenell J. Quality of life and physical activity among foreign-born and U.S.-born older black men with hypertension residing in New York City. Poster presentation. 2013 annual meeting of the American Public Health Association (APHA).
- Patel S, Alam G, Ahmed R, Manis P, **Cole H**, Riley L, Raveis V, Kwon S, Ravenell J, Islam N. Marhaba: Key informant interview findings from a study of breast and cervical cancer screening barriers and facilitators among Muslim women in New York City. Poster presentation. 2013 annual meeting of the American Public Health Association (APHA).
- **Cole H**, Plumhoff J, Cobb G, Boutin-Foster C, Thompson H, Ravenell J. Measuring chronic disease outcomes for older black men in New York City: Prevalence estimates from a true community-based sample. Poster presentation. 2012 Summit on the Science of Eliminating Health Disparities. Maryland, 2012.
- Plumhoff J, Cole H, Cobb G, Bouzy T, Han M, Thompson H, Ravenell J. Location Matters: An analysis of recruitment and eligibility rates for two community-based randomized control trials for older Black men in New York City. Poster presentation. 2012 Summit on the Science of Eliminating Health Disparities. Maryland, 2012.
- Ravenell J, Bouzy T, Boutin-Foster C, Brown D, Castillo P, Cobb G, **Cole H**, Han M, Hickman T, Mondesir M, Moore J, Midberry S, Plumhoff J, Thompson H, Thompson L. Recruitment and Retention Strategies in Two Community-based Randomized Control Trial of Older Black Men: Perspectives from the 'experts'. Poster presentation. 2012 Summit on the Science of Eliminating Health Disparities. Maryland, 2012.
- Ornelas I, Horton E, Eng E, Rhodes S, and **Cole H.** (2006). *What's it like to be a lay health advisor? Using Photovoice for the Process Evaluation of Men As Navigators (MAN) for Health.* Poster presentation. 2006 annual meeting of the American Public Health Association (APHA).
- Williams NL, Cole HV, Elwood LS, Smith CA, and Parsons CJ. (2003). Lay conceptualizations of anxiety and mood disorders and help seeking behavior. Poster presentation, 37th Annual Convention of the Association for Advancement of Behavior Therapy.

R&D CONTRACTS, RESEARCH PROJECTS AND GRANTS

- Co-Principal Investigator (with Margarita Triguero-Mas), Strengthening the impact of public spaces to improve health and wellbeing in Barcelona: an intersectional feminist approach (FEMPUBLIC). Funder: Barcelona City Council, Awards for Scientific Research Related to Covid-19 challenges for the city (2021).
- Co-Principal Investigator (with Margarita Triguero-Mas), Estudio sobre la salud de mujeres en Sants-Montjuic: La importancia del uso del espacio público pre/post brote inicial de Covid-19, Funder: Serveis de Gènere I Polítiques del Temps Barcelona City Council, 7,500 Euros (2020)

- 2016 Key Personnel (PI Isabelle Anguelovski), GREENLULUS Green Locally Unwanted Land Uses, Funder: European Research Council, H2020, 1,500,000 Euros (2016-2021)
- Key Personnel (PIs Isabelle Anguelovski and Margarita Triguero-Mas), Rooftop Gardens Inclusion, health, and well-being for socially vulnerable participants: The Municipality of Barcelona rooftop garden programs for people with disabilities, Funder: Institut Municipal de Persones amb Discapacitat (IMPD) -Barcelona City Council (2018).
- Core Researcher/Project Manager (PI R. Scott Braithwaite), NYU Comparative Effectiveness Research Center, Funder: US Centers for Disease Control and Prevention (U48DP002671) (2011-2013)
- 2010 Core Researcher/Project Manager (Co-PIs Joseph Ravenell and Hayley Thompson), FAITH-BASED APPROACHES TO TREATING HYPERTENSION AND COLON CANCER PREVENTION (FAITH-CRC), Funder: US National Institutes of Health (Heart, Lung and Blood Institute; 1R01HL096946-01A2) (2010-2015)
- Core Researcher/Project Manager (Co-PIs Joseph Ravenell and Hayley Thompson), Mister B, Funder: US National Institutes of Health (National Center for Minority Health and Health Disparities, Comprehensive Center of Excellence in Disparities Research and Community Engagement, 5P60MD003421) (2009-2014)

ACADEMIC SUPERVISION

Doctoral Thesis co-direction:

2020-present Andréanne Breton-Carbonneau, PhD in Environmental Science (Universitat Autònoma de Barcelona)

Doctoral Thesis co-supervision:

2016-present Carmen Pérez del Pulgar, PhD in Environmental Science (Universitat Autònoma de Barcelona)

Medical Residency Research Rotation co-supervision:

2019-2020 Mario Fontán Vela (Universidad de Alcalá, National Medical School of Spain)

Master's Internship supervision:

2018 Alicia Ramos, MPH, (University of Michigan, Alicia Ramos) 2020 Ariella Levitch, Master's in Urban Studies (Pratt Institute)

Aina Planas Carbonell, Master's in Urban Studies (Utrecht University)

Master's Thesis supervision

2020 Ella O'Neil, Master's Degree in Interdisciplinary Studies in Environmental, Economic and Social Sustainability (ICTA, Universitat Autònoma de Barcelona)

Montse Zayas Costa, Master's in Public Health (Universitat de Popeu Fabra)

Final Undergraduate Project/Thesis supervision:

Berta Roset Pérez and Ivet Estrada Tebé, Bachelor's in Environmental Science (Universitat Autònoma de Barcelona)

High School Advanced Placement research supervision:

2020-2021 Charlotte Vogel, Advanced Placement Humanities Research qualification, Poolesville

High School, Poolesville, Maryland, US

Diputació de Barcelona, Barcelona, Spain

PROFESSIONAL PANELS/SERVICE

2020-present	Cities Challenge Advisory Board, Safer Childbirth Cities project, Cities Challenge and Ariadne Labs, Boston, MA, USA.
2019-2020	Taula Salut i Natura [Nature and Health Roundtable], Xarxa per a la Conservació de la Natura, Barcelona, Spain
2019-2020	Workgroup to incorporate health criteria into the evaluation of urban planning, Àrea d'Infraestructures I Espais Naturals [Area of Infrastructure and Natural Spaces],

PEER REVIEW

Adjunct Reviewer- Public Health/Epidemiology Journals: American Journal of Public Health, Health and Place, Cities & Health, Journal of Epidemiology and Community Health, Ethnicity and Disease, BMC International Health and Human Rights, American Public Health Association Annual Meeting; Urban Studies/Environmental Science: Urban Studies, Environmental Science and Policy, Environmental Justice, Geoforum

Guest Editor, Special Issue, "Environmental Health, Blue-Green Infrastructure Planning, and Health Equity", *International Journal of Environmental Research and Public Health* (Ongoing) https://www.mdpi.com/journal/ijerph/special issues/environmental health blue green infrastructure planning health equity#editors

External Grant Review: Bank of External Evaluators, Spanish Ministry of Science and Research, State

Research Agency (2021- ongoing)

University of Missouri Strategic Investment Program (2020) Austrian Science Fund, Elise Richter-Programme (2020)

PROFESSIONAL MEMBERSHIP

American Public Health Association (2007-present)

AWARDS AND RECOGNITION

2021	Premi Barcelona a la recera científica, Barcelona City Council
2020	Juan de la Cierva Incorporación fellowship 2020-2023 (ranked 2nd out of 78
	applicants; IJC2018-035322-I), Spain
2016	Dean's Dissertation Award, CUNY School of Public Health
2014	Student Travel Award, Minority Health and Health Disparities Grantees' Conference
2009	Team Award, Mount Sinai School of Medicine
2003	Phi Beta Kappa (inducted)
2003	Marie Howell Award for excellence in the study and research of psychology
2003	Marie Howell Grant for undergraduate research in psychology
2002	Sturgis Study Abroad Grant for study in Ecuador
1999	University of Arkansas Chancellor's Scholarship (merit-based full scholarship)

SKILLS AND TRAINING

- Skilled research project manager, supervisor, and data manager
- Proficiency with SAS, SPSS, STATA, ArcGIS, Atlas TI, NVivo
- ASPPH Student Leadership Institute (2014)
- NIH Regional Seminars on Program Funding and Grants Administration (2010)
- NCURA grants management training seminar (2008)
- Professional proficiency in Spanish (level C1), intermediate Catalan (level B1), basic Mandarin Chinese