34:970:653 - Social Determinants of Health

Edward J. Bloustein School of Planning and Policy, Rutgers University

Spring 2025

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Office Hours: TBD/ by appointment
Class Hours: Mondays 1-4pm
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Course Description

In this 14-week course, we will investigate the social determinants of health from an urban planning perspective. We will begin with a grounding in place as a key social determinant of health. We will explore the role of racialized uneven development in driving persistent, inter-related health disparities across race and space. We will focus on how spatial inequities shape health disparities by examining which communities face elevated exposure to environmental toxins, greater vulnerability to natural disasters and climate change, and more neighborhood-based health hazards. We will explore the social and spatial patterns of health crises like the opioid crisis and pandemics like COVID-19. We will also consider the role of health policy in shaping and responding to social determinants of health.

In the final portion of this course, we will focus on three areas of intervention for promoting health equity through urban planning: housing, transportation, and social infrastructure. In this course, we will study many different health problems, but not at the expense of potential solutions. Students will choose an urban planning reform to study throughout the course and share findings in our final week together. In this course, we will learn from each other and will move forward with not only a better understanding of place-based health inequities, but promising directions for ending them.

Course objectives

- 1. Develop literacy in how place shapes health outcomes
- 2. Contribute to contemporary urban planning debates concerning housing and health equity
- 3. Build capacity to communicate research insights to a variety of audiences
- 4. Explore an urban planning initiative/reform with implications for health equity

I drew on Dr. Sanyu Mojola's Social Determinants of Health course and Dr. Arun Hendi's Inequality, Health, and Health Care Systems course as inspiration for the design of this course

Required texts

None - required course readings will be made available to students on Canvas or through links in the course syllabus

Prerequisites

None

Course Structure

Course meetings

We will meet weekly on Mondays. The first portion of each meeting will entail a lecture on the topic of the week's assigned readings. The second portion will include a discussion of the assigned readings led by students. Each week, you will develop questions/critiques that will guide the discussion.

Required reading assignments

Each class session is paired with required readings. Readings need to be completed prior to class to get the most out of the material. I don't expect you to fully grasp each reading prior to lecture or discussion, but I do expect you to engage with the material so that we can effectively address any difficulties with the material together.

Optional/future reading

Each week has optional readings meant for your edification. While your focus should be on the required readings and assignments, I encourage you to keep these additional readings in mind, especially to help you think about your final project.

Office hours

I will hold office hours virtually on Tuesdays (2-4pm). If this time does not work for your schedule, please email me to arrange a time to meet. In order to learn your goals for this course and to provide guidance for your final project, I require you to meet with me at least once at the beginning of the course. Outside of this required meeting, please make use of these opportunities to meet with me. I welcome anything about the course you'd like to discuss, whether it's a clarifying question about a lecture/reading, a related topic that you'd like to know more about, or something else.

Course discussions

You will be expected to submit two questions on Canvas each week to facilitate the class discussion. Additionally, you will be required to lead a class discussion of your choosing based on your interests in the weekly topics (I will help facilitate the discussion). Each week's discussion leader

will be expected to review the submitted questions and incorporate them into the discussion, so be prepared to elaborate on your questions and engage with your classmates' questions. Your questions should be posted to the Canvas discussion board no later than 8am on Monday mornings.

Op-ed written assignment

Your midterm assignment will be to pick a contemporary urban planning issue with health implications (e.g., affordable housing, public transportation) in New Brunswick or another community in New Jersey and write an opinion piece of roughly 800-1,000 words discussing the issue. You will be graded on how effectively you analyze and discuss the problem and its social dimensions in addition to how convincingly you articulate the issue. This should be written for a wide audience, not a solely academic one, so it should not read like a research paper. This exercise is meant to develop your ability to communicate research insights to the general public, particularly members of the public who may not have access to the information you have or may not share your perspectives. I will provide additional guidelines at a later date.

Final project

This course will culminate with a final project exploring potential urban planning initiatives or reforms that could promote health equity. This will entail a final paper and an accompanying final presentation which will take place during the last week of class. The final project must incorporate your research on the topic, which can include primary research (e.g., quantitative data analysis, interviews with community members) and/or secondary research (e.g., review of academic literature, newspaper coverage). I encourage you to approach this project as a potential precursor to an eventual journal article or writing sample (e.g., blog post or professional report) should your chosen topic be related to your research or professional interests.

We will meet at the beginning of the course to develop your project idea and you are encouraged to keep me updated on your progress at different checkpoints (indicated on the course schedule). These checkpoints will be opportunities for you to receive ongoing feedback on your project. Projects can be individual or group efforts (groups must be no larger than three students). If need be, I will help facilitate the formation of groups based on shared interests amongst the class, especially if multiple students are interested in a given topic. Papers should be 10-12 pages (double-spaced, 12pt font, 1 inch margins, not counting the bibliography). Final papers must be emailed to me no later than the last day of class (deadline of 11:59pm on Monday, May 5th).

Grading

- Participation (including initial meeting with me and submitting discussion questions) 20%
- Leading a course discussion 10%
- Op-ed written assignment 20%
- Final presentation 10%
- Final paper 40%

Resources

- CDC Social Determinants of Health
- Social Determinants of Health Data
- PLACES map
- PolicyMap
- SDOH Atlas
- Achieving Health Equity for NJ

Course Schedule (subject to change)

Part 1: The Connection Between Place and Health

Week 1 - Introduction (Class - Monday, January 27th)

- Ducharme, Jamie, and Elijah Wolfson. 2019. "Your ZIP Code Might Determine How Long You Live - and the Difference Could Be Decades." Time. June 17, 2019. https://time.com/5608268/zip-code-health/.
- Link, Bruce G., and Jo Phelan. 1995. "Social Conditions As Fundamental Causes of Disease." Journal of Health and Social Behavior, 80–94. https://doi.org/10.2307/2626958.
- National Academies of Sciences, Engineering, Health and Medicine Division, Board on Population Health and Public Health Practice, Committee on Community-Based Solutions to Promote Health Equity in the United States, Alina Baciu, Yamrot Negussie, Amy Geller, and James N. Weinstein. 2017. "The State of Health Disparities in the United States." In Communities in Action: Pathways to Health Equity. National Academies Press (US). https://www.ncbi.nlm.nih.gov/books/NBK425844/.
- Williams, David R., and Chiquita Collins. 2001. "Racial Residential Segregation: A Fundamental Cause of Racial Disparities in Health." *Public Health Reports* (1974-) 116 (5): 404–16. http://www.jstor.org/stable/4598675.
- Optional Readings
 - Diez Roux, Ana V., and Christina Mair. 2010. "Neighborhoods and Health." Annals of the New York Academy of Sciences 1186 (February):125–45. https://doi.org/10.1111/j.1749-6632.2009.05333.x.

Week 2 - Racialized Uneven Development I: The Legacy of Early Urban Planning Practices (Class - Monday, February 3rd)

• Corburn, Jason. 2007. "Reconnecting with Our Roots: American Urban Planning and Public Health in the Twenty-First Century." *Urban Affairs Review* 42 (5): 688–713. https://doi.org/10.1177/1078087406296390.

- Chapters 4-5 in Hirt, Sonia A. 2014. *Zoned in the USA: The Origins and Implications of American Land-Use Regulation*. Ithaca: Cornell University Press.
- Chapters 6 in Nightingale, Carl Husemoller. 2012. *Segregation: A Global History of Divided Cities.* Chicago: The University of Chicago Press.
- Optional Readings
 - Chapters 3 and 6 in Engels, Friedrich. 1845. *The Condition of the Working Class in England*. London: Electric Book Co., 2001.
 - Chapters 1 and 25 in Riis, Jacob A. 1890. *How the Other Half Lives: Studies Among the Tenements of New York.* New York: Charles Scribner's Sons.
 - Swope, Carolyn B. 2023. "The Spatial Configuration of Segregation, Elite Fears of Disease, and Housing Reform in Washington, D.C.'s Inhabited Alleys." Social Science History, August, 1–29. https://doi.org/10.1017/ssh.2023.19.

Week 3 - Racialized Uneven Development II: Segregation as a Driver of Health Disparities (Class - Monday, February 10th)

Optional Project Checkpoint 1: this week, you are encouraged to check in with me to go over your project ideas. The point of this check-in is to help you determine a topic and work plan for your final project.

- Chapter 10 in Du Bois, W.E.B. 1899. *The Philadelphia Negro: A Social Study.* Philadelphia: University of Pennsylvania Press.
- Chapter 2 in Massey, Douglas S., and Nancy A. Denton. 1993. *American Apartheid: Segregation and the Making of the Underclass*. Cambridge: Harvard University Press.
- Stewart, Nikita, Ryan Christopher Jones, Sergio Peçanha, Jeffrey Furticella, and Josh Williams. 2019. "Underground Lives: The Sunless World of Immigrants in Queens." *The New York Times*, October 23, 2019. https://www.nytimes.com/interactive/2019/10/23/nyregion/basements-queens-immigrants.html.
- Chapters 1 and 5 in Trounstine, Jessica. 2018. *Segregation By Design*. New York: Cambridge University Press.
- Optional Readings
 - Massey, Douglas S. 2020. "Still the Linchpin: Segregation and Stratification in the USA." Race and Social Problems 12 (1): 1–12. https://doi.org/10.1007/s12552-019-09280-1.
 - Chapters 1-2 in Sharkey, Patrick. 2013. Stuck In Place: Urban Neighborhoods and the End of Progress Toward Racial Equality. Chicago: University of Chicago Press.

Part 2: How Place Shapes Health Outcomes

Week 4 - The "Natural" Environment (Class - Monday, February 17th)

Guest lecture: Brooke Helmick, Director of Policy, New Jersey Environmental Justice Alliance

- Chronic Exposure to Environmental Toxins
 - Baptista, Ana I. 2017. "Finding Hope at the Margins: A Journey of Environmental Justice." in *Ecological and Social Healing: Multicultural Women's Voices*, edited by Jeanine Canty. New York, NY: Routledge.
 - Chapter 1 in Taylor, Dorceta. 2014. *Toxic Communities: Environmental Racism, Industrial Pollution, and Residential Mobility*. New York: NYU Press.
 - Woo, Bongki, Nicole Kravitz-Wirtz, Victoria Sass, Kyle Crowder, Samantha Teixeira, and David T. Takeuchi. 2019. "Residential Segregation and Racial/Ethnic Disparities in Ambient Air Pollution." *Race and Social Problems* 11 (1): 60–67. https://doi.org/10.1007/s12552-018-9254-0.

• Hurricane Katrina

Robillard, Alyssa G. 2009. "From Worse to Where?: African Americans, Hurricane Katrina, and the Continuing Public Health Crisis." in *Hurricane Katrina: America's Unnatural Disaster*. edited by Jeremy I. Levitt and Matthew C. Whitaker, 132–55. University of Nebraska Press.

• Climate Change Vulnerability

- Thomas, Kimberley, R. Dean Hardy, Heather Lazrus, Michael Mendez, Ben Orlove, Isabel Rivera-Collazo, J. Timmons Roberts, Marcy Rockman, Benjamin P. Warner, and Robert Winthrop. 2019. "Explaining Differential Vulnerability to Climate Change: A Social Science Review." WIREs Climate Change 10 (2): e565. https://doi.org/10.1002/wcc.565.
- Executive Summary, United States Environmental Protection Agency. 2021. "Climate Change and Social Vulnerability in the United States: A Focus on Six Impacts." Washington, D.C.: United States Environmental Protection Agency. https://www.epa.gov/system/files/documents/2021-09/climate-vulnerability_september-2021_508.pdf.
- World Health Organization. 2023. "Climate Change." October 12, 2023.
 https://www.who.int/news-room/fact-sheets/detail/climate-change-and-health.

- Fink, Sheri. 2009. "The Deadly Choices at Memorial." *The New York Times Magazine*, August 25, 2009. https://www.nytimes.com/2009/08/30/magazine/30doctors.html.
- Grant, Torie, Emily Croce, and Elizabeth C. Matsui. 2022. "Asthma and the Social Determinants of Health." *Annals of Allergy, Asthma & Immunology* 128 (1): 5–11. https://doi.org/10.1016/j.anai.2021.10.002.

- Muñoz, Cristina E., and Eric Tate. 2016. "Unequal Recovery? Federal Resource Distribution after a Midwest Flood Disaster." *International Journal of Environmental Research and Public Health* 13 (5): 507. https://doi.org/10.3390/ijerph13050507.
- Solomon, Adina. 2019. "Justice For All?" American Planning Association (blog). 2019. https://www.planning.org/planning/2019/oct/justiceforall/.

Week 5 - The Social Environment (Class - Monday, February 24th)

- Crime, Violence, and Fatal Police Shootings
 - Johnson, Odis, Christopher St. Vil, Keon L. Gilbert, Melody Goodman, and Cassandra Arroyo Johnson. 2019. "How Neighborhoods Matter in Fatal Interactions between Police and Men of Color." *Social Science & Medicine* 220 (January):226–35. https://doi.org/10.1016/j.socscimed.2018.11.024.
 - Krivo, Lauren J., Ruth D. Peterson, and Danielle C. Kuhl. 2009. "Segregation, Racial Structure, and Neighborhood Violent Crime." American Journal of Sociology 114 (6): 1765–1802. https://doi.org/10.1086/597285.
 - Sharkey, Patrick. 2010. "The Acute Effect of Local Homicides on Children's Cognitive Performance." *Proceedings of the National Academy of Sciences* 107 (26): 11733–38. https://doi.org/10.1073/pnas.1000690107.

Smoking and Drinking

- American Public Health Association. 2019. "Addressing Alcohol-Related Harms: A Population Level Response." 2019. https://www.apha.org/policies-and-advocacy/public-health-policy-statements/policy-database/2020/01/14/addressing-alcohol-related-harms-a-population-level-response.
- Foreward and Introduction in Wailoo, Keith. 2021. Pushing Cool: Big Tobacco, Racial Marketing, and the Untold Story of the Menthol Cigarette. Chicago: University of Chicago Press.

Obesity and Diabetes

- Thornton, Pamela L., Shiriki K. Kumanyika, Edward W. Gregg, Maria R. Araneta, Monica L. Baskin, Marshall H. Chin, Carlos J. Crespo, et al. 2020. "New Research Directions on Disparities in Obesity and Type 2 Diabetes." *Annals of the New York Academy of Sciences* 1461 (1): 5–24. https://doi.org/10.1111/nyas.14270.

- Branas, Charles C., Michelle C. Kondo, Sean M. Murphy, Eugenia C. South, Daniel Polsky, and John M. MacDonald. 2016. "Urban Blight Remediation as a Cost-Beneficial Solution to Firearm Violence." *American Journal of Public Health* 106 (12): 2158–64. https://doi.org/10.2105/AJPH.2016.303434.
- Hahn, Robert A., and Benedict I. Truman. 2015. "Education Improves Public Health and Promotes Health Equity." *International Journal of Health Services* 45 (4): 657–78. https://www.jstor.org/stable/45140522.

- Ho, Jessica Y., and Irma T. Elo. 2013. "The Contribution of Smoking to Black-White Differences in U.S. Mortality." *Demography* 50 (2): 545–68. https://doi.org/10.1007/s13524-012-0159-z.
- Light, Michael T., and Julia T. Thomas. 2019. "Segregation and Violence Reconsidered: Do Whites Benefit from Residential Segregation?" American Sociological Review 84 (4): 690–725. https://doi.org/10.1177/0003122419858731.
- Wang, Guangyi, Gabriel L. Schwartz, Min Hee Kim, Justin S. White, M. Maria Glymour, Sean Reardon, Kiarri N. Kershaw, Scarlett Lin Gomez, Pushkar P. Inamdar, and Rita Hamad. 2022. "School Racial Segregation and the Health of Black Children." *Pediatrics* 149 (5): e2021055952. https://doi.org/10.1542/peds.2021-055952.

Week 6 - Health disasters (Class - Monday, March 3rd)

Optional Project Checkpoint 2: this week, you should have an outline of your final paper. I encourage you to meet with me to receive feedback on your progress. We can also discuss any hurdles to carrying out your project (e.g., interest in a topic that we have not covered yet).

Guest lecture: Dan Treglia, Instructor at the Rutgers Center for State Health Policy, Department of Family Medicine and Community Health at the Robert Wood Johnson School of Medicine

- Deaths of Despair and the Opioid Crisis
 - Dasgupta, Nabarun, Leo Beletsky, and Daniel Ciccarone. 2018. "Opioid Crisis: No Easy Fix to Its Social and Economic Determinants." American Journal of Public Health 108 (2): 182–86. https://doi.org/10.2105/AJPH.2017.304187.
 - Friedman, Joseph, and Helena Hansen. 2024. "Trends in Deaths of Despair by Race and Ethnicity From 1999 to 2022." *JAMA Psychiatry*, April. https://doi.org/10.1001/jamapsychiatry.2024.0303.

• Flint Water Crisis

 Hanna-Attisha, Mona, Jenny LaChance, Richard Casey Sadler, and Allison Champney Schnepp. 2016. "Elevated Blood Lead Levels in Children Associated With the Flint Drinking Water Crisis: A Spatial Analysis of Risk and Public Health Response." American Journal of Public Health 106 (2): 283–90. https://doi.org/10.2105/AJPH.2015.303003.

• HIV/AIDS

- Beyrer, Chris. 2021. "A Pandemic Anniversary: 40 Years of HIV/AIDS." The Lancet 397 (10290): 2142–43. https://doi.org/10.1016/S0140-6736(21)01167-3.
- Watkins-Hayes, Celeste. 2014. "Intersectionality and the Sociology of HIV/AIDS: Past, Present, and Future Research Directions." Annual Review of Sociology 40 (Volume 40, 2014): 431–57. https://doi.org/10.1146/annurev-soc-071312-145621.

• COVID-19

 Hill, Jessica, Darlene Xiomara Rodriguez, and Paul N. McDaniel. 2021. "Immigration Status as a Health Care Barrier in the USA during COVID-19." *Journal of Migration and Health* 4 (January):100036. https://doi.org/10.1016/j.jmh.2021.100036.

- Magesh, Shruti, Daniel John, Wei Tse Li, Yuxiang Li, Aidan Mattingly-app, Sharad Jain, Eric Y. Chang, and Weg M. Ongkeko. 2021. "Disparities in COVID-19 Outcomes by Race, Ethnicity, and Socioeconomic Status." *JAMA Network Open* 4 (11): e2134147. https://doi.org/10.1001/jamanetworkopen.2021.34147.
- McCarthy, Grace, Sarah Shore, Esra Ozdenerol, Altha Stewart, Arash Shaban-Nejad, and David L. Schwartz. 2023. "History Repeating—How Pandemics Collide with Health Disparities in the United States." *Journal of Racial and Ethnic Health Disparities* 10 (3): 1455–65. https://doi.org/10.1007/s40615-022-01331-5.

- Campos, Alma. 2023. "'We Need Help': Chicago Medical Students Are Serving the Migrants Texas Is Sending by Bus." *The Guardian*, November 22, 2023. https://www.theguardian.com/ news/2023/nov/22/we-need-help-chicago-medical-students-are-serving-the-migrantstexas-is-sending-by-bus.
- Ellen, Ingrid Gould, Renata Howland, and Sherry Glied. 2023. "Demons of Density Do Higher-Density Environments Put People at Greater Risk of Contagious Disease?" *Journal of Housing Economics*, COVID-19's Impacts on Housing Markets, 59 (March):101905. https://doi.org/10.1016/j.jhe.2022.101905.
- Friedman, Joseph, Helena Hansen, and Joseph P. Gone. 2023. "Deaths of Despair and Indigenous Data Genocide." *The Lancet* 401 (10379): 874–76. https://doi.org/10.1016/S0140-6736(22)02404-7.
- Graetz, Nick, Peter Hepburn, Carl Gershenson, Sonya R. Porter, Danielle H. Sandler, Emily Lemmerman, and Matthew Desmond. 2024. "Examining Excess Mortality Associated With the COVID-19 Pandemic for Renters Threatened With Eviction." *JAMA* 331 (7): 592–600. https://doi.org/10.1001/jama.2023.27005.
- Ho, Jessica Y. 2019. "The Contemporary American Drug Overdose Epidemic in International Perspective." Population and Development Review 45 (1): 7–40.
 https://www.jstor.org/stable/45174475.
- Jin, Olivia, Emily Lemmerman, Peter Hepburn, and Matthew Desmond. 2021. "Neighborhoods with the Highest Eviction Filing Rates Have the Lowest Levels of COVID-19 Vaccination." Socius 7 (January):23780231211040885.
 https://doi.org/10.1177/23780231211040885.
- Paun, Carmen, and Aitor Hernández-Morales. 2024. "Why Portland Failed Where Portugal Succeeded in Decriminalizing Drugs." *Politico*, March 28, 2024. https://www.politico.eu/article/why-portland-failed-where-portugal-succeeded-in-decriminalizing drugs/
- Shachar, Carmel, Tess Wise, Gali Katznelson, and Andrea Louise Campbell. 2020.
 "Criminal Justice or Public Health: A Comparison of the Representation of the Crack Cocaine and Opioid Epidemics in the Media." *Journal of Health Politics, Policy & Law* 45 (2): 211–39. https://doi.org/10.1215/03616878-8004862.
- Trounstine, Jessica, and Sidra Goldman-Mellor. 2023. "County-Level Segregation and Racial Disparities in COVID-19 Outcomes." *Journal of Health Politics, Policy, & Law* 48 (2): 187–214. https://doi.org/10.1215/03616878-10234170.

Part 3: The Role of Health Systems

Week 7 - Health Care Policy (Class - Monday, March 10th)

Tentative guest lecture: Emily Parker, Assistant Professor at the Edward J. Bloustein School of Planning and Public Policy at Rutgers University

Op-ed Written Assignment Due: the assignment should be emailed to me by the end of this Monday (March 10th, 11:59pm)

- Blendon, Robert J., Cathy Schoen, Catherine M. DesRoches, Robin Osborn, Kimberly L. Scoles, and Kinga Zapert. 2002. "Inequities In Health Care: A Five-Country Survey." Health Affairs 21 (3): 182–91. https://doi.org/10.1377/hlthaff.21.3.182.
- Preston, Samuel H., and Jessica Y. Ho. 2010. "Low Life Expectancy in the United States: Is the Health Care System At Fault?" In *International Differences in Mortality at Older Ages: Dimensions and Sources*, edited by National Research Council, Division of Behavioral and Social Sciences and Education, Committee on Population, Panel on Understanding Divergent Trends in Longevity in High-Income Countries, Barney Cohen, Eileen M. Crimmins, and Samuel H. Preston. Washington, D.C.: National Academies Press.
- Healthcare and Housing
 - Cohen, Rachel M. 2024. "A Prescription for Housing?" Vox, February 13, 2024.
 https://www.vox.com/2024/2/13/24064445/medicaid-rent-housing-homelessness-healthcare.
 - Sandel, Megan, and Matthew Desmond. 2017. "Investing in Housing for Health Improves Both Mission and Margin." *JAMA* 318 (23): 2291–92. https://doi.org/10.1001/jama.2017.15771.
- Community Health
 - Parker, Emily. 2024. "Poverty Governance in the Delegated Welfare State: Privatization, Commodification, and the U.S. Health Care Safety Net." Social Problems, June, 1–18. https://doi.org/10.1093/socpro/spae037.
 - Rosenbaum, Sara, Jennifer Tolbert, Jessica Sharac, Peter Shin, Rachel Gunsalus, and Julia Zur. 2018. "Community Health Centers: Growing Importance in a Changing Health Care System." San Francisco: Kaiser Family Foundation. https://files.kff.org/attachment/Issue-Brief-Community-Health-Centers-Growing-Importance-in-a-Changing-Health-Care-System.

• Optional Readings

Asch Steven M., Kerr Eve A., Keesey Joan, Adams John L., Setodji Claude M., Malik Shaista, and McGlynn Elizabeth A. 2006. "Who Is at Greatest Risk for Receiving Poor-Quality Health Care?" New England Journal of Medicine 354 (11): 1147–56. https://doi.org/10.1056/NEJMsa044464.

- Avendano, Mauricio, M. Maria Glymour, James Banks, and Johan P. Mackenbach. 2009. "Health Disadvantage in US Adults Aged 50 to 74 Years: A Comparison of the Health of Rich and Poor Americans with That of Europeans." American Journal of Public Health 99 (3): 540-48. https://doi.org/10.2105/AJPH.2008.139469.
- Baicker Katherine, Taubman Sarah L., Allen Heidi L., Bernstein Mira, Gruber Jonathan H., Newhouse Joseph P., Schneider Eric C., Wright Bill J., Zaslavsky Alan M., and Finkelstein Amy N. 2013. "The Oregon Experiment — Effects of Medicaid on Clinical Outcomes." New England Journal of Medicine 368 (18): 1713–22. https://doi.org/10.1056/NEJMsa1212321.
- Goldman, Maya. 2024. "Health Insurers Take on the Affordability Crisis in Housing." Axios. June 5, 2024. https://www.axios.com/2024/06/05/housing-affordabilityhealth-care-insurers-investments.
- Ho, Jessica Y. 2013. "Mortality under Age 50 Accounts for Much of the Fact That US Life Expectancy Lags That of Other High-Income Countries." Health Affairs 32 (3): 459-67. https://doi.org/10.1377/hlthaff.2012.0574.
- Oberlander, Jonathan. 2016. "Implementing the Affordable Care Act: The Promise and Limits of Health Care Reform." Journal of Health Politics, Policy, & Law 41 (4): 803–26. https://doi.org/10.1215/03616878-3620953.
- Papanicolas, Irene, Liana R. Woskie, and Ashish K. Jha. 2018. "Health Care Spending in the United States and Other High-Income Countries." JAMA 319 (10): 1024-39. https://doi.org/10.1001/jama.2018.1150.
- Parker, Emily. 2021. "Spatial Variation in Access to the Health Care Safety Net for Hispanic Immigrants, 1970-2017." Social Science & Medicine (1982) 273 (March):113750. https://doi.org/10.1016/j.socscimed.2021.113750.
- Sisson, Patrick. 2024. "In Hospitals, Affordable Housing Gets the Long-Term Investor It Needs." The New York Times, March 12, 2024.

https://www.nytimes.com/2024/03/12/business/affordable-housing-hospitals-investment.html

Week 8 - Interactions with Health Care Systems (Class - Monday, March 24th)

- Racial Disparities and Distrust
 - Hoffman, Kelly M., Sophie Trawalter, Jordan R. Axt, and M. Norman Oliver. 2016. "Racial Bias in Pain Assessment and Treatment Recommendations, and False Beliefs about Biological Differences between Blacks and Whites." Proceedings of the National Academy of Sciences of the United States of America 113 (16): 4296–4301. https://doi.org/10.1073/pnas.1516047113.
 - Introduction and Chapter 8 in Washington, Harriet A. 2008. Medical Apartheid: The Dark History of Medical Experimentation on Black Americans from Colonial Times to the *Present.* Knopf Doubleday Publishing Group.
- Case Study: Black Maternal Health and Infant Mortality
 - Greenwood, Brad N., Rachel R. Hardeman, Laura Huang, and Aaron Sojourner. 2020. "Physician-Patient Racial Concordance and Disparities in Birthing Mortality for Newborns." Proceedings of the National Academy of Sciences of the United States of America 117 (35): 21194–200. https://doi.org/10.1073/pnas.1913405117.

Villarosa, Linda. 2018. "Why America's Black Mothers and Babies Are in a Life-or-Death Crisis." The New York Times Magazine, April 11, 2018.
 https://www.nytimes.com/2018/04/11/magazine/black-mothers-babies-death-maternal-mortality.html.

• Health of Immigrant Communities

- Derose, Kathryn Pitkin, José J. Escarce, and Nicole Lurie. 2007. "Immigrants And Health Care: Sources Of Vulnerability." *Health Affairs* 26 (5): 1258–68.
 https://doi.org/10.1377/hlthaff.26.5.1258.
- Tavernise, Sabrina. 2013. "The Health Toll of Immigration." *The New York Times*, May 18, 2013. https://www.nytimes.com/2013/05/19/health/the-health-toll-of-immigration.html.

• Optional Readings

- Bajaj, Simar Singh and Stanford Fatima Cody. 2021. "Beyond Tuskegee Vaccine Distrust and Everyday Racism." New England Journal of Medicine 384 (5): e12. https://doi.org/10.1056/NEJMpv2035827.
- LaVeist, Thomas A., and Amani Nuru-Jeter. 2002. "Is Doctor-Patient Race Concordance Associated with Greater Satisfaction with Care?" *Journal of Health and Social Behavior* 43 (3): 296–306. https://doi.org/10.2307/3090205.
- Lax, Yonit, Gabriel Cohen, Amy Mandavia, Steven Morrin, and Jeffrey R. Avner. 2021.
 "Landlord Behavior After Receiving Pediatrician-Generated Letters to Address Poor Housing Conditions." *JAMA Network Open* 4 (10): e2128527.
 https://doi.org/10.1001/jamanetworkopen.2021.28527.
- Chapters 10-11 in Perez, Caroline Criado. 2019. *Invisible Women: Data Bias in a World Designed for Men.* New York: Abrams Press.
- Portes, Alejandro, Donald Light, and Patricia Fernández-Kelly. 2009. "The U.S. Health System and Immigration: An Institutional Interpretation." Sociological Forum 24 (3): 487–514. https://doi.org/10.1111/j.1573-7861.2009.01117.x
- Ryn, M. van, and J. Burke. 2000. "The Effect of Patient Race and Socio-Economic Status on Physicians' Perceptions of Patients." *Social Science & Medicine* (1982) 50 (6): 813–28. https://doi.org/10.1016/s0277-9536(99)00338-x.
- Siddiqi, Arjumand, Daniyal Zuberi, and Quynh C. Nguyen. 2009. "The Role of Health Insurance in Explaining Immigrant versus Non-Immigrant Disparities in Access to Health Care: Comparing the United States to Canada." Social Science & Medicine (1982) 69 (10): 1452–59. https://doi.org/10.1016/j.socscimed.2009.08.030.

Part 4: Areas of Intervention for Urban Planning

Week 9 - Housing I: Homelessness (Class - Monday, March 31st)

Tentative guest lecture: Taiisa Kelly, CEO of Monarch Housing Associates

Optional Project Checkpoint 3: You should have an initial draft of your final paper by now. You are encouraged to send me your progress and meet with me for feedback.

- Clark, Robin E., Linda Weinreb, Julie M. Flahive, and Robert W. Seifert. 2019. "Homelessness Contributes To Pregnancy Complications." *Health Affairs* 38 (1): 139–46. https://doi.org/10.1377/hlthaff.2018.05156.
- DeParle, Jason. 2023. "Homelessness Rose to Record Level This Year, Government Says."
 The New York Times, December 15, 2023.
 https://www.nytimes.com/2023/12/15/us/politics/homelessness-record-level.html.
- Dwyer, Ryan, Anita Palepu, Claire Williams, Daniel Daly-Grafstein, and Jiaying Zhao. 2023.
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- Chapters 1-2 in Shinn, Marybeth, and Jill Khadduri. 2020. *In the Midst of Plenty: Homeless-ness and What To Do About It.* Hoboken, NJ: Wiley-Blackwell.

- Chapters 1, and 5-7 in Colburn, Gregg, and Clayton Page Aldern. 2022. Homelessness
 Is a Housing Problem: How Structural Factors Explain U.S. Patterns. Berkeley: University
 of California Press.
- DeLia, Derek, Jose Nova, Sujoy Chakravarty, Emmy Tiderington, Taiisa Kelly, and Joel C. Cantor. 2021. "Effects of Permanent Supportive Housing on Health Care Utilization and Spending Among New Jersey Medicaid Enrollees Experiencing Homelessness." Medical Care 59 (April):S199. https://doi.org/10.1097/MLR.00000000000001443.
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- Herbert, Claire W., Jeffrey D. Morenoff, and David J. Harding. 2015. "Homelessness and Housing Insecurity Among Former Prisoners." RSF: The Russell Sage Foundation Journal of the Social Sciences 1 (2): 44–79. https://doi.org/10.7758/RSF.2015.1.2.04.
- Meyer, Bruce D., Angela Wyse, and Ilina Logani. 2023. "Life and Death at the Margins of Society: The Mortality of the U.S. Homeless Population." Working Paper. Working Paper Series. National Bureau of Economic Research. https://doi.org/10.3386/w31843.
- Phillips, David C., and James X. Sullivan. 2023. "Do Homelessness Prevention Programs Prevent Homelessness? Evidence from a Randomized Controlled Trial." The Review of Economics and Statistics, May, 1–30. https://doi.org/10.1162/rest_a_01344.
- Sullivan, Cris M., Cortney Simmons, Mayra Guerrero, Adam Farero, Gabriela López-Zerón, Oyesola Oluwafunmilayo Ayeni, Danielle Chiaramonte, Mackenzie Sprecher, and Aileen I. Fernandez. 2023. "Domestic Violence Housing First Model and Association With Survivors' Housing Stability, Safety, and Well-Being Over 2 Years." JAMA Network Open 6 (6): e2320213. https://doi.org/10.1001/jamanetworkopen.2023.20213.

 Thompson, Frank J., Jennifer Farnham, Emmy Tiderington, Michael K. Gusmano, and Joel C. Cantor. 2021. "Medicaid Waivers and Tenancy Supports for Individuals Experiencing Homelessness: Implementation Challenges in Four States." *The Milbank Quarterly* 99 (3): 648–92. https://doi.org/10.1111/1468-0009.12514.

Week 10 - Housing II: Housing Precarity and Displacement (Class - Monday, April 7th)

Guest lecture: Eric Seymour, Assistant Professor at the Edward J. Bloustein School of Planning and Public Policy at Rutgers University

- Housing Insecurity and Eviction
 - Chapters 6 and 8 in Desmond, Matthew. 2016. Evicted: Poverty and Profit in the American City. New York City: Crown.
- Housing Discrimination and Exploitation: From Section 235 to the Foreclosure Crisis
 - Seymour, Eric, and Joshua Akers. 2023. "Decline-Induced Displacement: The Case of Detroit." *Urban Geography* 44 (4): 591–617. https://doi.org/10.1080/02723638.2021.2008716.
 - Chapter 1 in Taylor, Keeanga-Yamahtta. 2019. Race for Profit: How Banks and the Real Estate Industry Undermined Black Homeownership. Chapel Hill: University of North Carolina Press.
- Redevelopment and Gentrification
 - Acolin, Arthur, Kyle Crowder, Ari Decter-Frain, Anjum Hajat, Matthew Hall, Lydia Homandberg, Philip M. Hurvitz, and Lauren Woyczynski. 2024. "Gentrification Yields Racial And Ethnic Disparities In Exposure To Contextual Determinants Of Health." Health Affairs 43 (2): 172–80. https://doi.org/10.1377/hlthaff.2023.01034.
 - Scharfenberg, David. 2023. "The Neighborhood That Got It Right." The Boston Globe, March 2023. https://apps.bostonglobe.com/opinion/ideas/graphics/2023/03/uphams-corner-development/.

- Ali, Omer, and Sarah Raviola. 2023. "The Effect of Community Land Trusts on Neighborhood Outcomes." Working Paper.
- Benfer, Emily A. 2024. "Housing Is Health: Prioritizing Health Justice and Equity in the U.S. Eviction System." SSRN Scholarly Paper. Rochester, NY. https://papers.ssrn.com/abstract=4852182.
- Cohen, Rachel M. 2023. "Will Limiting Background Checks Make Housing Fairer?"
 Vox, June 14, 2023. https://www.vox.com/policy/23750632/housing-landlords-renter-fair-chance-criminal-record-background-check.
- DeFilippis, James, Olivia R. Williams, Joseph Pierce, Deborah G. Martin, Rich Kruger, and Azadeh Hadizadeh Esfahani. 2019. "On the Transformative Potential of Community Land Trusts in the United States." *Antipode* 51 (3): 795–817. https://doi.org/10.1111/anti.12509.

- DeLuca, Stefanie, and Eva Rosen. 2022. "Housing Insecurity Among the Poor To-day." *Annual Review of Sociology* 48 (1): 343–71. https://doi.org/10.1146/annurev-soc-090921-040646.
- Desmond, Matthew, and Nathan Wilmers. 2019. "Do the Poor Pay More for Housing? Exploitation, Profit, and Risk in Rental Markets." *American Journal of Sociology* 124 (4): 1090–1124. https://doi.org/10.1086/701697.
- Graetz, Nick, Carl Gershenson, Peter Hepburn, Sonya R. Porter, Danielle H. Sandler, and Matthew Desmond. 2023. "A Comprehensive Demographic Profile of the US Evicted Population." *Proceedings of the National Academy of Sciences* 120 (41): e2305860120. https://doi.org/10.1073/pnas.2305860120.
- Himmelstein, Gracie, and Matthew Desmond. 2021. "Association of Eviction With Adverse Birth Outcomes Among Women in Georgia, 2000 to 2016." *JAMA Pediatrics* 175 (5): 494–500. https://doi.org/10.1001/jamapediatrics.2020.6550.
- Montague, Candace Y.A. 2022. "Access to Housing Can Reduce Infant Deaths." Shelterforce, September 14, 2022. https://shelterforce.org/2022/09/14/access-to-housing-can-reduce-deaths-of-new-mothers-and-infants/
- Newman, Kathe, and Philip Ashton. 2004. "Neoliberal Urban Policy and New Paths of Neighborhood Change in the American Inner City." *Environment and Planning A: Economy and Space* 36 (7): 1151–72. https://doi.org/10.1068/a36229.
- Pattillo, Mary. 2013. "Housing: Commodity versus Right." *Annual Review of Sociology* 39:509–31. https://www.jstor.org/stable/43049647.
- Pierce, Andrew J. 2021. "Integration Without Gentrification." *Public Affairs Quarterly* 35 (1): 1–21. https://doi.org/10.2307/27009632.
- Rugh, Jacob S., Len Albright, and Douglas S. Massey. 2015. "Race, Space, and Cumulative Disadvantage: A Case Study of the Subprime Lending Collapse." *Social Problems* 62 (2): 186–218. https://doi.org/10.1093/socpro/spv002.
- Seymour, Eric, and Joshua Akers. 2019. "Building the Eviction Economy: Speculation, Precarity, and Eviction in Detroit." *Urban Affairs Review* 57 (1): 35–69. https://doi.org/10.1177/1078087419853388.
- Stevens, Amy Bush, Zach Reat, and Jacob Santiago. 2021. "Health Beginnings at Home: Final Report." Health Policy Institute of Ohio.

Week 11 - Housing III: Affordable and Fair Housing Policy (Class - Monday, April 14th)

- DeFilippis, James. 2013. "Commentary: On Spatial Solutions to Social Problems." *Cityscape* 15 (2): 69–72. https://www.jstor.org/stable/41959110.
- DeLuca, Stefanie, and James Rosenbaum. 2009. "Residential Mobility, Neighborhoods, and Poverty: Results from the Chicago Gautreaux Program and the Moving to Opportunity Experiment." in *The Integration Debate: Competing Futures For American Cities*, 1 edition, 304. New York: Routledge.

- Preface and Chapter 2 in Massey, Douglas S., Len Albright, Rebecca Casciano, Elizabeth Derickson, and David N. Kinsey. 2013. Climbing Mount Laurel: The Struggle for Affordable Housing and Social Mobility in an American Suburb. Princeton: Princeton University Press.
- Introduction and Chapter 8 in Rabig, Julia. 2016. *The Fixers: Devolution, Development, and Civil Society in Newark, 1960-1990.* Chicago; London: University of Chicago Press.
- Conclusion in Taylor, Keeanga-Yamahtta. 2019. *Race for Profit: How Banks and the Real Estate Industry Undermined Black Homeownership*. Chapel Hill: University of North Carolina Press.
- Wolfers, Justin. 2015. "Why the New Research on Mobility Matters: An Economist's View."
 The New York Times, May 4, 2015, sec. The Upshot. https://www.nytimes.com/2015/05/05/upshot/why-the-new-research-on-mobility-matters-an-economists-view.html.

Optional Readings

- Chapters 1, 2, and 9 in Cashin, Sheryll. 2004. *The Failures of Integration: How Race and Class Are Undermining the American Dream* New York; Oxford: Public Affairs.
- Chetty, Raj, Nathaniel Hendren, and Lawrence F. Katz. 2016. "The Effects of Exposure to Better Neighborhoods on Children: New Evidence from the Moving to Opportunity Experiment." *The American Economic Review* 106 (4): 855–902. https://www.jstor.org/stable/43821479.
- Introduction and Chapter 2 in Goetz, Edward G. 2018. The One-Way Street of Integration: Fair Housing and the Pursuit of Racial Justice in American Cities. Ithaca: Cornell University Press.
- Pollack, Craig Evan, Amanda L. Blackford, Shawn Du, Stefanie Deluca, Rachel L. J. Thornton, and Bradley Herring. 2019. "Association of Receipt of a Housing Voucher With Subsequent Hospital Utilization and Spending." *JAMA* 322 (21): 2115–24. https://doi.org/10.1001/jama.2019.17432.
- powell, john. 2015. "America's Struggle with Integration: The Continued Struggle for Its Soul." in *Reclaiming Integration and the Language of Race in the "Post-Racial" Era*, 196. Lanham, Maryland: Rowman & Littlefield Publishers.

Week 12 - Transportation (Class - Monday, April 21st)

Guest lecture: Michael Smart, Associate Professor at the Edward J. Bloustein School of Planning and Public Policy at Rutgers University, Director of PhD Program in Planning and Public Policy

Optional Project Checkpoint 4: You should have a full draft of your final paper by now. You are encouraged to send me your progress and meet with me for feedback. This will be your last scheduled opportunity to do so before the end of the course.

- Introduction and Conclusion in Bloom, Nicholas Dagen. 2023. *The Great American Transit Disaster: A Century of Austerity, Auto-Centric Planning, and White Flight.* First Edition. Chicago: University of Chicago Press.
- Foreward, Preface, and Introduction in Davis, Veronica. 2023. *Inclusive Transportation: A Manifesto for Repairing Divided Communities*. Washington; Covelo: Island Press.

- Freemark, Yonah, and Wesley Jenkins. 2022. "With US Traffic Fatalities Rising, What Would It Take to Save Lives?" *Urban Institute*. June 14, 2022. https://www.urban.org/urbanwire/us-traffic-fatalities-rising-what-would-it-take-save-lives.
- Chapters 18 in Jacobs, Jane. 1961. *The Death and Life of Great American Cities*. New York: Random House.
- Klein, Nicholas J., and Michael J. Smart. 2017. "Car Today, Gone Tomorrow: The Ephemeral Car in Low-Income, Immigrant and Minority Families." *Transportation* 44 (3): 495–510. https://doi.org/10.1007/s11116-015-9664-4.
- Kruse, Kevin M. 2019. "What Does a Traffic Jam in Atlanta Have to Do with Segregation? Quite a Lot." *The New York Times Magazine*, August 14, 2019. https://www.nytimes.com/interactive/2019/08/14/magazine/traffic-atlanta-segregation.html.
- Stromberg, Joseph. 2014. "Why free parking is bad for everyone." *Vox*, June 27, 2014. https://www.vox.com/2014/6/27/5849280/why-free-parking-is-bad-for-everyone.
- Optional Readings
 - Badger, Emily, and Alicia Parlapiano. 2022. "The Exceptionally American Problem of Rising Roadway Deaths." The New York Times, November 27, 2022. https://www.nytimes.com/2022/11/27/upshot/road-deaths-pedestrians-cyclists.html.
 - Baum-Snow, Nathaniel. 2007. "Did Highways Cause Suburbanization?" *The Quarterly Journal of Economics* 122 (2): 775–805. https://doi.org/10.1162/qjec.122.2.775.
 - Cogan, Marin. 2024. "It's Time to Rethink What Counts as a 'Safe Car." *Vox*, June 11, 2024. https://www.vox.com/policy/354561/pedestrian-fatalities-car-safety-ratings.
 - Chapters 9, 10, and 12 in Downs, Anthony. 2004. Still Stuck in Traffic: Coping with Peak-Hour Traffic Congestion. Revised edition. Washington, D.C: Brookings Institution Press.
 - Chapters 1, 3-5, and 7 in Duany, Andres, Elizabeth Plater-Zyberk, and Jeff Speck. 2010.
 Suburban Nation: The Rise of Sprawl and the Decline of the American Dream. Farrar, Straus and Giroux.
 - Griswold, Alison. 2024. "The Other Kind of Bike Infrastructure Cities Need." Bloomberg Citylab, June 4, 2024. https://www.bloomberg.com/news/features/2024-06-04/the-bike-infrastructure-that-can-close-cycling-s-gender-gap
 - Introduction, Chapter 1, 4, 5, 7, 8, and 13 in Knowles, Daniel. 2023. *Carmageddon: How Cars Make Life Worse and What to Do About It.* New York: Harry N. Abrams.
 - Manville, Michael, David A. King, and Michael J. Smart. 2017. "The Driving Downturn: A Preliminary Assessment." *Journal of the American Planning Association* 83 (1): 42–55. https://doi.org/10.1080/01944363.2016.1247653.
 - Part 1 in Marshall, Wes. 2024. *Killed by a Traffic Engineer: Shattering the Delusion That Science Underlies Our Transportation System.* Washington: Island Press.
 - Chapter 1 in Perez, Caroline Criado. 2019. *Invisible Women: Data Bias in a World Designed for Men.* New York: Abrams Press.

- Samuels, Gabe, and Yonah Freemark. 2022. "The Polluted Life Near the Highway: A Review of National Scholarship and a Louisville Case Study." *Urban Institute*.
- Chapter 5 in Shoup, Donald. 2011. The High Cost of Free Parking. Chicago: Routledge.
- Introduction and Chapters 1-2 in Zivarts, Anna, and Dani Simons. 2024. *When Driving Is Not an Option: Steering Away from Car Dependency*. Washington: Island Press.

Week 13 - Social Infrastructure and Community (Class - Monday, April 28th)

Guest lecture: South Orange/Maplewood Community Coalition on Race

- Decline in Social Capital and Its Connection to Urban Design
 - Chapter 3 in Jacobs, Jane. 1961. *The Death and Life of Great American Cities*. New York: Random House.
 - Chapter 1 in Putnam, Robert D. 2000. *Bowling Alone: The Collapse and Revival of American Community.* New York: Simon & Schuster.
- Public Health Implications of Social Isolation and Loneliness
 - Chapter 1 in Murthy, Vivek H. 2020. *Together: The Healing Power of Human Connection in a Sometimes Lonely World*. 1st edition. New York, NY: Harper.
- Building Better Social Infrastructure
 - Introduction in Klinenberg, Eric. 2018. *Palaces for the People: How Social Infrastructure Can Help Fight Inequality, Polarization, and the Decline of Civic Life.* New York: Crown.
 - Chapter 3 in McGhee, Heather. 2021. *The Sum of Us: What Racism Costs Everyone and How We Can Prosper Together.* New York: One World.

- Brown, Barbara B., John R. Burton, and Anne L. Sweaney. 1998. "Neighbors, Households, and Front Porches: New Urbanist Community Tool or Mere Nostalgia?" *Environment and Behavior* 30 (5): 579–600. https://doi.org/10.1177/001391659803000501.
- Carrere, Juli, Alexia Reyes, Laura Oliveras, Anna Fernández, Andrés Peralta, Ana M. Novoa, Katherine Pérez, and Carme Borrell. 2020. "The Effects of Cohousing Model on People's Health and Wellbeing: A Scoping Review." *Public Health Reviews* 41 (1): 22. https://doi.org/10.1186/s40985-020-00138-1.
- Glover Blackwell, Angela. 2023. "How We Achieve a Multiracial Democracy." Stanford Social Innovation Review, Spring 2023. https://ssir.org/articles/entry/how_we_achieve_a_multiracial_democracy.
- Holt-Lunstad, Julianne, Timothy B. Smith, and J. Bradley Layton. 2010. "Social Relationships and Mortality Risk: A Meta-Analytic Review." *PLoS Medicine* 7 (7): e1000316. https://doi.org/10.1371/journal.pmed.1000316.
- Klinenberg, Eric. 2016. "Social Isolation, Loneliness, and Living Alone: Identifying the Risks for Public Health." American Journal of Public Health 106 (5): 786–87. https://doi.org/10.2105/AJPH.2016.303166.

- Prologue and Introduction in Klinenberg, Eric. 2003. *Heat Wave: A Social Autopsy of Disaster in Chicago*. Chicago, London: University of Chicago Press.
- Chapters 4 and 6 in Lind, Diana. 2020. *Brave New Home: Our Future in Smarter, Simpler, Happier Housing*. New York: Bold Type Books.
- Office of the U.S. Surgeon General. 2023. "Our Epidemic of Loneliness and Isolation."
 Washington, D.C: Department of Health and Human Services (HHS).
 https://www.hhs.gov/sites/default/files/surgeon-general-social-connection-advisory.pdf.
- Parts I and III in Oldenburg, Ray. 1999. Great Good Place. 3rd edition. Cambridge: Marlowe & Company.
- Pantell, Matthew, David Rehkopf, Douglas Jutte, S. Leonard Syme, John Balmes, and Nancy Adler. 2013. "Social Isolation: A Predictor of Mortality Comparable to Traditional Clinical Risk Factors." *American Journal of Public Health* 103 (11): 2056–62. https://doi.org/10.2105/AJPH.2013.301261.
- Chapter 4 in Putnam, Robert D. 2004. *Better Together: Restoring the American Community*. New York, NY: Simon & Schuster.
- Ruiu, Maria Laura. 2016. "The Social Capital of Cohousing Communities." Sociology 50 (2): 400–415. https://doi.org/10.1177/0038038515573473.
- Williams, Jo. 2005. "Designing Neighbourhoods for Social Interaction: The Case of Cohousing." *Journal of Urban Design* 10 (2): 195–227. https://doi.org/10.1080/13574800500086998.

Part 5: Final Projects

Week 14 (Class - Monday, May 5th) - Students will present and discuss their work with the class