

# Tara Templin, PhD MS

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CONTACT INFORMATION	Department of Health Policy and Management University of North Carolina, Chapel Hill 1102C McGavran-Greenberg Hall CB 7411 Chapel Hill, NC 27599-7411	<i>Phone:</i> +1-919-966-3891 <i>E-mail:</i> ttemplin@unc.edu
EDUCATION	<b>Stanford University</b> 2017 - 2022 Ph.D., Health Policy (Economics) 2016 - 2017 M.S., Statistics, Focus: Statistical Inference  <b>Columbia University, Columbia College</b> 2009 - 2013 B.A., Major: Economics - Mathematics, Minor: Business Management	
PROFESSIONAL EXPERIENCE	<b>University of North Carolina, Chapel Hill</b> <i>Nominated Assistant Professor, Department of Health Policy and Management</i> <i>Faculty Fellow, Carolina Population Center</i>  <b>University of California, Berkeley</b> <i>Postdoctoral Scholar, Department of Demography</i>  <b>Stanford University</b> <i>Research Assistant (AI-assisted Health Care)</i> <i>Research Assistant (Determinants of Obesity)</i>  <b>Council on Foreign Relations, Washington, DC</b> <i>Independent Consultant (Health Policy)</i>  <b>University of Washington, Seattle</b> <i>Researcher, Department of Health Metrics Sciences</i> <i>Post-Bachelor Research Fellow, Department of Health Metrics Sciences</i>  <b>Center for Global Development, Washington, DC</b> <i>Research Intern (Results-Based Financing)</i> <i>Research Intern (Results-Based Financing)</i>  <b>Department of Interior, Washington, DC</b> <i>Summer Policy Fellow</i>	<b>2023 – Present</b> <b>2023 – Present</b>  <b>2022 – 2023</b>  <b>2020 – 2022</b> <b>2017 – 2018</b>  <b>2016 – 2020</b>  <b>2015 – 2016</b> <b>2013 – 2015</b>  <b>2012 – 2013</b> <b>2011</b>  <b>2010</b>
HONORS AND AWARDS	<b>Stanford Data Science Scholar</b> Award for Ph.D. students working on the frontier of data science (Eleven awarded out of 151)  <b>Stanford School of Medicine Fellowship</b> Award for outstanding Stanford Ph.D. students in the School of Medicine  <b>Stanford Gerhard Casper Fellow</b> Award for most outstanding Stanford Ph.D. students in science and engineering	<b>2020</b>  <b>2019</b>  <b>2018</b>

MEMBERSHIPS

*AcademyHealth, American Society of Health Economists, International Health Economics Association, Population Association of America*

PEER-REVIEWED  
PUBLICATIONS

1. **Templin T**, Perez MW, Sylvia SY, Leek J, Sinnott-Armstrong N. **Addressing Six Challenges in Generative AI for Digital Health: A Scoping Review**. *PLOS Digital Health*. 2024 Apr; In press.
2. **Templin T**, Dieleman JL, Wigley S, Mumford JE, Miller-Petrie M, Kiernan S, Bollyky TJ. **Democracies Linked To Greater Universal Health Coverage Compared With Autocracies, Even In An Economic Recession**. *Health affairs (Project Hope)*. 2021 Aug;40(8):1234-42.
3. Wigley S, Dieleman JL, **Templin T**, Mumford JE, Bollyky TJ. **Autocratisation and universal health coverage: synthetic control study**. *BMJ*. 2020 Oct 23;371.
4. **Templin T**, Hashiguchi TC, Thomson B, Dieleman J, Bendavid E. **The overweight and obesity transition from the wealthy to the poor in low-and middle-income countries: a survey of household data from 103 countries**. *PLoS medicine*. 2019 Nov;16(11).
5. Bollyky TJ\*, **Templin T**\* (\*co-first), Cohen M, Schoder D, Dieleman JL, Wigley S. **The relationships between democratic experience, adult health, and cause-specific mortality in 170 countries between 1980 and 2016: an observational analysis**. *The Lancet*. 2019 March 14.
6. Dieleman JL, ..., **Templin T**, ..., Murray CJL. **Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016-40**. *The Lancet*. 2018 April 17. doi: 10.1016/S0140-6736(18)30697-4.
7. Dieleman JL, ..., **Templin T**, ..., Murray CJL. **Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995-2015**. *The Lancet*. 2018 April 17. doi: 10.1016/S0140-6736(18)30698-6.
8. Haakenstad A, **Templin T**, Lim S, Dieleman JL. **The financing gap framework: using need, potential spending and expected spending to allocate development assistance for health**. *Health Policy and Planning*. 2018 Feb 5. 33 (Supplement 1): i47-i55. doi:10.1093/heapol/czx165.
9. Bollyky TJ, **Templin T**, Cohen M, Dieleman JL. **Lower-Income Countries That Face the Most Rapid Shift in Noncommunicable Disease Burden Are Also the Least Prepared**. *Health Affairs*. 2017 Nov; 36(11):1866-1875. doi: 10.1377/hlthaff.2017.0708.
10. Dieleman JL, ..., **Templin T**, ..., Murray CJL. **US Spending on personal health care and public health**. *JAMA*. 2016 Dec 27. 316(24):2627-2646. doi:10.1001/jama.2016.168885.
11. Dieleman JL, **Templin T**, ..., Evans TG, Murray CJL, Kurowski C. **A health financing convergence? Using past trends and relationships to forecast national spending on health by payer for 184 countries, 2015 - 2040**. *The Lancet*. 2016 Apr 13. doi: 10.1016/S0140-6736(16)30167-2.
12. Dieleman JL, Schneider M, Haakenstad A, Singh L, Sadat N, Birger M, **Templin T**, ..., Murray CJL. **Development assistance for health: past trends, relationships, and the future of international financial flows for health**. *The Lancet*. 2016 Apr 13. doi: 10.1016/S0140-6736(16)30168-4.
13. Bollyky TJ, **Templin T**, Andridge C, Dieleman JL. **Understanding the relationships between non-communicable diseases, unhealthy lifestyles, and country wealth**. *Health Affairs*. 2015 Sep; 34(9):1464-1471. doi: 10.1377/hlthaff.2015.0343.

14. Murray CJL, ..., **Templin T**, ..., Salomon JA, Lopez AD, Vos T. **Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition.** *The Lancet*. 2015 Aug 27. doi: 10.1016/S0140-6736(15)61340-X.
15. Dieleman JL, Graves CM, Johnson E, **Templin T**, Birger M, et al. **Sources and focus of health development assistance, 1990 – 2014.** *JAMA*. 2015 Jun 16. 313(23):2359-2368. doi:10.1001/jama.2015.5825.
16. Naghavi M, ..., **Templin T**, ..., Vos T, Lopez AD, Murray CJL. **Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013.** *The Lancet*. 2014 Dec 17. doi: 10.1016/S0140-6736(14)61682-2.
17. Dieleman JL, **Templin T**. **Random-effects, fixed-effects and the within-between specification for clustered data in observational health studies: a simulation study.** *PloS One*. 2014 Oct 24. doi: 10.1371/journal.pone.0110257.
18. Kassebaum NJ, Bertozzi-Villa A, Coggeshall MS, Shackelford KA, Steiner C, Heuton KR, Gonzalez-Medina D, Barber R, Huynh C, Dicker DJ, **Templin T**, ..., Lopez AD, Naghavi M, Murray CJL, Lozano R. **Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013.** *The Lancet*. 2014 May 2. doi: 10.1016/S0140-6736(14)60696-6.
19. Dieleman JL, Graves CM, **Templin T**, Johnson E, Baral R, Leach-Kemon K, Haakenstad AM, Murray CJL. **Global health development assistance remained steady in 2013 but did not align with recipients’ disease burden.** *Health Affairs*. 2014 Apr. doi: 10.1377/hlthaff.2013.1432.

MANUSCRIPTS  
UNDER REVIEW

1. Armstrong-Carter E, Gilbert J, Silfverskiold T, Clark L, **Templin T**. **Adolescents Provide \$13 to \$51 Billion Worth of Informal Family Caregiving Services to the United States Economy.** *Under Review*. <https://osf.io/preprints/psyarxiv/2dhtk>

MANUSCRIPTS  
UNDER  
PREPARATION

1. **Templin T**. **Conditional Cash Transfers, Gender, and Unintended Obesity Changes: Evidence from the Progresa Experiment.**
2. **Templin T**, Bhattacharya J, Miller G. **Free Trade, Food Prices, and Obesity in Mexico.**
3. **Templin T**, Baker L, Bohn R, Singer S. **Teamwork, Experience, and Medical Productivity: Evidence from Cardiac Resuscitations.**

PEER-REVIEWED  
PRESENTATIONS  
AND ABSTRACTS

1. Bhattacharya J, Miller G, **Templin T**. **Free Trade, Food Prices, and Obesity in Mexico.** Presentation at the American Society of Health Economists Annual Conference, Saint Louis, MO, June 2023.
2. **Templin T**, Baker L, Bohn R, Singer S. **Teamwork, Experience, and Medical Productivity: Evidence from Cardiac Resuscitations.** Presentation at the American Society of Health Economists Annual Conference, Saint Louis, MO, June 2023.
3. **Templin T**, Baker L, Bohn R, Singer S. **Teamwork, Experience, and Medical Productivity: Evidence from Cardiac Resuscitations.** Oral presentation at the AcademyHealth Annual Research Meeting, Washington, D.C., June 2022.
4. **Templin T**. **Understanding Causal Evidence to Improve Public Health.** Presentation at the Stanford Data Science Inaugural Conference, Stanford, CA, April 2022.
5. Bhattacharya J, Miller G, **Templin T**. **Free Trade, Food Prices, and Obesity in Mexico.** Oral presentation at the International Health Economics Association Annual Conference, Virtual, June 2021.

6. Bhattacharya J, Miller G, **Templin T. Free Trade, Food Prices, and Obesity in Mexico.** Oral presentation at the Population Association of America Applied Demography Conference, Washington, D.C., June 2021.
7. Bhattacharya J, Miller G, **Templin T. Free Trade, Food Prices, and Obesity in Mexico.** Presentation at the American Society of Health Economists Annual Conference, Virtual, June 2020.
8. **Templin T**, Hashiguchi TC, Thomson B, Dieleman J, Bendavid E. **The overweight and obesity transition from the wealthy to the poor in low-and middle-income countries: a survey of household data from 103 countries.** Presentation at the Stanford Global Health Research Convening, January 2017.
9. **Templin T, Dieleman J. Estimating national poverty rates and their effect on mortality: 129 countries, 1990–2013** Presentation at the Stanford Global Health Research Convening, January 2017.
10. **Templin T**, Hashiguchi TC, Thomson B. **The overweight and obesity transition from the wealthy to the poor in low-and middle-income countries: a survey of household data from 103 countries.** Presentation at the American Society of Health Economists, June 2016.
11. **Templin T**, Sadat N, Chapin A, Dieleman J. **Estimating future health spending by source in 184 countries, 2013–2040.** Oral Presentation at the Consortium of Universities for Global Health, June 2016.
12. **Templin T**, Sadat N, Chapin A, Dieleman J. **Estimating future health spending by source in 184 countries, 2013–2040.** Oral Presentation at the Western Regional International Health Conference, June 2016.
13. **Dieleman J, Templin T. Estimating national poverty rates and their effect on mortality: 129 countries, 1990–2013** Oral Presentation at the Consortium of Universities for Global Health, June 2015.

INVITED TALKS AND SEMINARS

1. **Templin T. Six Challenges for Generative AI in Public Health.** Presentation at Fred Hutch Cancer Center Division of Public Health, Seattle, WA, May 2024.
2. **Templin T. Conditional Cash Transfers, Gender, and Unintended Obesity Changes: Evidence from the Progresa Experiment.** Presentation at Duke University, Triangle Health Economics Workshop, Durham, NC, September 2023.
3. **Templin T. Free Trade, Food Prices, and Obesity in Mexico.** Presentation at the Stanford Institute for Economic Policy Research Postdoctoral Scholar Seminar, Stanford, CA, January 2023.
4. **Templin T. Conditional Cash Transfers, Gender, and Unintended Obesity Changes: Evidence from the Progresa Experiment.** Presentation at the University of Pennsylvania Department of Medical Ethics and Health Policy Seminar, Philadelphia, PA, January 2023.
5. **Templin T. Conditional Cash Transfers, Gender, and Unintended Obesity Changes: Evidence from the Progresa Experiment.** Presentation at the University of North Carolina Chapel Hill Health Policy and Management Seminar, Chapel Hill, NC, November 2022.
6. **Templin T. Conditional Cash Transfers, Gender, and Unintended Obesity Changes: Evidence from the Progresa Experiment.** Presentation at Fred Hutchinson Cancer Research Center, Seattle, WA, October 2022.
7. **Templin T. Conditional Cash Transfers, Gender, and Unintended Obesity Changes: Evidence from the Progresa Experiment.** Presentation at the University of Washington, Seattle, WA, October 2022.

8. **Templin T. Understanding Causal Evidence to Improve Public Health.** Presentation at the NSF “Frameworks” Stanford Data Science Collaboratory Seminar, Stanford, CA, October 2021.
9. **Templin T. A Primer on Estimating Local Average Treatment Effects: Theory and Novel Methods for Data Science.** Presentation at the NSF “Frameworks” Stanford Data Science Collaboratory Seminar, Stanford, CA, October 2021.
10. **Templin T. Opportunities for Data Science in Economic Research.** Presentation at the NSF “Frameworks” Stanford Data Science Collaboratory Seminar, Stanford, CA, October 2020.
11. **Templin T. Measuring Development Assistance for Health by Health Focus Area.** Presentation at the Council on Foreign Relations. Washington, DC. February 2020.
12. Bollyky TJ, **Templin T. The relationships between democratic experience, adult health, and cause-specific mortality in 170 countries between 1980 and 2016: an observational analysis.** Konrad-Adenauer-Stiftung Meeting on the Social Determinants of Health. Berlin, Germany. November 2019.
13. **Templin T. Health Technology Assessment.** Presentation at Stanford Health Policy. Stanford, CA. April 2019.
14. Bhattacharya J, Miller G, **Templin T. Free Trade, Food Prices, and Obesity in Mexico.** Presentation at the Stanford Institute for Economic Policy Research Health Economics Seminar, Stanford, CA, April 2019.
15. **Templin T. A Primer on Gaussian Process Regression.** Presentation at the University of Washington, Institute for Health Metrics and Evaluation. Seattle, WA. June 2016.

POLICY REPORTS

Institute for Health Metrics and Evaluation. *Financing Global Health 2015: Development assistance steady on the path to new Global Goals.* Seattle, WA: IHME, 2016.

Institute for Health Metrics and Evaluation. *Financing Global Health 2014: Shifts in funding as the MDGs close.* Seattle (WA): IHME, 2015.

Institute for Health Metrics and Evaluation. *Financing Global Health 2013: Transition in an age of austerity.* Seattle (WA): IHME, 2014.

OP-EDS AND COMMENTS

Wigley S, Dieleman JL, **Templin T**, Kiernan S, Bollyky TJ. **Democracy and implementation of non-communicable disease policies.** *The Lancet Global Health.* 2020 Apr 1;8(4):e482-3.

**Templin T**, Bendavid E. **What counts as development assistance for reproductive, maternal, newborn, and child health?.** *The Lancet Global Health.* 2020 Mar 1;8(3):e312-3.

“**The Future of American Democracy Depends on Improving U.S. Health**” (with Tom Bollyky and Simon Wigley) Think Global Health. December 12, 2019. Available: <https://www.thinkglobalhealth.org/article/future-american-democracy-depends-improving-us-health>

“**Autocracy is Hazardous for Your Health**” (with Tom Bollyky and Simon Wigley). Council on Foreign Relations Global Health Program. December 4, 2019. Available: <https://www.cfr.org/article/autocracy-hazardous-your-health>

“**Democracy is Good for Your Health**” (with Tom Bollyky). CNN. March 20, 2019. Available: <https://www.cnn.com/2019/03/20/opinions/democracy-and-health-opinion-bollyky-templin/index.html>

“**Democracy matters for health care. Here’s how we measured this.**” (with Tom Bollyky and Simon Wigley). Washington Post. March 22, 2019. Available: <https://www.washingtonpost.com/politics/2019/03/22/democracy-matters-health-care-heres-how-we-measured-this/>

Kulikoff XR , Morris J, Nguyen G, Smith A, **Templin T. Health metrics priorities: a perspective from young researchers.** *The Lancet.* 2016 Nov 12. doi: 10.1016/S0140-6736(16)32134-1.

TEACHING  
ACTIVITIES

*University of North Carolina, Chapel Hill Instructor for Health Economics (HPM 715)* **2023**  
Theoretical and empirical tools of economics to analyze health behavior and healthcare markets (60 students)

*University of California, Berkeley Demography Workshop Instructor* **2023**  
Advanced research practicum with Demography Ph.D. students (7 students)

*Stanford Health Policy Math Camp Lead Instructor* **2020 – 2022**  
A review of calculus, probability, and real analysis in preparation for Ph.D. quantitative coursework (5 students)

*Stanford Inclusive Data Science Instructor* **2021**  
With Stanford Medicine’s Office of Diversity in Medical Education, developed introductory data science curriculum and mentorship program for community college students (15 students)

*Stanford School of Medicine Teaching Assistant for Outcomes Analysis (HRP 252)* **2020**  
Methods of conducting empirical studies to ask both clinical and policy questions (40 students)

*Stanford Health Policy Statistical Inference Recitation Leader* **2019**  
Probability and statistical inference instruction with first-year Ph.D. students (4 students)

MENTORING  
ACTIVITIES

Masters Paper Reader: Yicong Liu, MSPH *Cost Effectiveness of Adding Metformin to the Diabetes Prevention Program for Prediabetic Adults* (First)

CONTRACTS AND  
GRANTS

**Free Trade, Ultra-processed Food Prices, and Childhood Obesity in Mexico**

Role: Principal Investigator (01/2024 – 12/2024)  
IBM Junior Faculty Development Award (\$10,000)

**Utilizing Reinforcement Learning with Collective Expert Feedback to Advance the Use of Generative AI for Primary Care**

Role: Co-Investigator (01/2024 – 12/2024)  
Principal Investigator: Sean Sylvia  
UNC Gillings Innovation Labs

**T32 Postdoctoral Training in the Demography and Economics of Aging**

Role: Postdoctoral Fellow (2022 - 2023)  
Principal Investigator: Joshua R. Goldstein  
National Institute on Aging/National Institutes of Health (5T32AG000246-23)

**Stanford Data Science Fellowship**

Award for Ph.D. students working on the frontier of data science (Eleven awarded out of 151)  
Role: Graduate Student Fellow (2020 - 2022)  
Stanford Data Science/National Science Foundation

**Shultz Graduate Student Research Funding**

Competitive research support for Ph.D. students

Role: Graduate Student Fellow (2020)  
Stanford Institute for Economic Policy Research

**Stanford Graduate Fellowship, Gerhard Casper Fellow**

Award for most outstanding Stanford Ph.D. students in science and engineering  
Role: Graduate Student Fellow (2018 – 2020)  
Stanford University Vice Provost for Graduate Education

**Big Data Analysis of HIV Risk and Epidemiology in Sub-Saharan Africa**

Role: Graduate Student Researcher (2017 - 2018)  
Principal Investigator: Eran Bendavid  
National Institute of Allergy and Infectious Diseases/National Institutes of Health (R01AI127250)

**Institute for Health Metrics and Evaluation Post-Bachelor Fellowship**

Role: Pre-doctoral trainee (2013 - 2015)  
Principal Investigator: Emmanuela Gakidou  
Gates Foundation

DEPARTMENT,  
SCHOOL,  
UNIVERSITY  
SERVICE

*University of California, Berkeley Demography Computation Director Search Committee* **2023**  
Interview candidates and assess technical skills for the Computation Director role

*Stanford Data Science Coding Practices Task Force* **2020 – 2022**  
Assess knowledge of different coding practices across Stanford Data Science, produce guidelines on coding practices for academics

*Stanford Data Science Knowledge Map Task Force* **2020 – 2022**  
Assess knowledge of different domains of data science across Stanford Data Science, create a knowledge map, facilitate requests for data science expertise

*Stanford Diversity and Access Office Steering Committee* **2018 – 2022**  
Assess and implement policies for LGBTQ+ and gender equity at Stanford

*Stanford Health Policy PhD Orientation Committee* **2018 – 2022**  
Advising materials and orientation activities for incoming Ph.D. students

*Stanford School of Medicine Health Policy graduate representative* **2018 – 2020**  
Elected by the Department of Health Policy to represent graduate students in School of Medicine policy discussions

*Stanford Medicine LGBTQ+ Forum Leadership Committee* **2019**  
Organized 300-person event to discuss access to care barriers that LGBTQ+ people face in healthcare

REFEREE  
EXPERIENCE

*Social Science and Medicine*

*Health Affairs*

*Lancet Global Health*

*Conflict and Health*

*BMJ Global Health*

*PLOS One*

