

Wolfgang Munar, MD, SM
Milken Institute School of Public Health
950 New Hampshire Ave, NW - Suite 400
Washington, DC 20052, USA
Office (202) 995 1015
E-mail: wolfgangmunar@gwu.edu

EDUCATION AND TRAINING

1983 *Doctor in Medicine & Surgery.* Universidad del Norte, Barranquilla, Colombia

1989 *Master of Science in Health Policy & Management.* Harvard University, School of Public Health, Boston, Massachusetts

PROFESSIONAL EMPLOYMENT

2019- present *Associate Professor, Global Health Systems*
Milken Institute School of Public Health - George Washington University
- Washington, DC, USA

2016-2019 *Research Professor, Department of Global Health*
Milken Institute School of Public Health - George Washington University
- Washington, DC, USA

2014-2016 *Associate Director, Social System Design Lab and*
Associate Director and Faculty Scholar, Global Health Center at the
Institute for Public Health
Washington University in St. Louis - St Louis, MO, USA

2009-2014 *Senior Program Officer - Global Development Program*
The Bill & Melinda Gates Foundation - Seattle, WA, USA

1998-2008 *Senior Social Sector Specialist (1998-2003; 2007-2008)*
Senior Country Coordinator - Dominican Republic (2003-2005)
Inter-American Development Bank - Washington, DC, USA

2005-2007 *Director, Latin America & the Caribbean Team*
Deputy Director of Operations (a.i.)
The Global Fund to Fight HIV/AIDS, TB and Malaria - Geneva,
Switzerland

1994-1996 *Professor of health policy and Program Director- Graduate Program in*
Health Management
Universidad del Norte - Barranquilla, Colombia

1992-1993 *Vice-Minister of Health*
Ministry of Health, Republic of Colombia - Bogota, Colombia

1990-1992 *Secretary of Health*
State of Atlántico - Barranquilla, Colombia

1989-1990	<i>Executive Director “Fundacion Centro Medico del Norte” and Professor, Graduate Program in Health Management</i> Universidad del Norte - Barranquilla, Colombia
1984-1987	<i>Instructor, School of Medicine</i> Universidad del Norte- Barranquilla, Colombia

GRANTS AWARDED

- 1. Theory-driven evaluation of the ‘Learning from Routine Immunization Strengthening in Polio High Risk Geographies’ Program*** (Start date 07/2023). In consortium with PATH. Funded by the Bill & Melinda Gates Foundation. Role: Co-Principal Investigator. Objectives: A 5-year, theory-driven evaluation of RISP in the Democratic Republic of Congo, Niger, Somalia, and Pakistan.
- 2. Evaluative case study research of the Salud Mesoamerica Initiative in El Salvador and Honduras*** (Start date 07/2023). Funded by the Inter-American Development Bank. Role: Principal Investigator. Objectives: An 18-month qualitative research embedded in two ongoing impact evaluations to contextualize the effects of behavioral interventions for childhood anemia prevention (El Salvador) and supportive supervision (Honduras).
- 3. Characterizing the Use of Primary Health Care Performance Information: A multiple case study in El Salvador, Lebanon, and Malawi*** (12/20-ongoing). Funded by the George Institute for Global Health. Role: Principal Investigator. Objectives: Characterizing how the health systems of El Salvador, Lebanon and Malawi measure aggregate performance of their Primary Health Care (PHC) systems; and how performance information is used by decision makers at the national and district level.
- 4. Research Impact Assessment of the Alliance for Health Policy and Systems Research: Developing National Stories of Change for Health Policy and Systems Research*** (11/19-04/21). Role: Co-Investigator. Objectives: to assess the impact and contributions of the Alliance’s investment in strengthening capacity, increasing research productivity, advancing health policy and practice, and improving health systems in low- and middle-income countries (China, Vietnam, Pakistan, India, Nigeria, Uganda, South Africa, and Mexico).
- 5. Impact Evaluation of the program “Connecting young parents to post-partum family planning through diverse platforms (Connect) in Bangladesh and Tanzania.*** Funded by the Bill and Melinda Gates Foundation. Role: Investigator Objective: To design and implement a mixed method, impact evaluation of the scale-up of young couples’ post-partum family planning (PPFP) interventions in pre-existing, non-FP platforms in Bangladesh and Tanzania.
- 6. Spreading lessons and sustaining improvements in primary health care (PHC) system performance in Mesoamerica*** (12/16 – 06/20). Funded by the Bill & Melinda Gates Foundation. Role: Principal Investigator. Objectives: 1) To generate global public goods in the form of new knowledge and published papers about the mechanisms through which primary health care systems improve performance and attain population-level maternal and neonatal health outcomes in low- and middle-income countries; and 2) To design and test novel systems thinking methods aimed at improving the design of maternal and neonatal health policies that enhance PHC system performance.

GRANTS CONCLUDED

- **Novel approaches to measuring demand-side community perceptions and barriers to family planning via social network analysis in Kenya** (12/15 - 03/19) - Funded by the Bill and Melinda Gates Foundation. Role: Principal Investigator. Objective: To design, validate, and pressure-test a prototype methodology that combines demographic clustering, qualitative analysis, social network analysis, and agent-based modeling for measuring the performance of behavior change programs that aim to increase the adoption of modern contraceptives in Kilifi County, Kenya.
- **Designing and implementing a maternal iron deficiency and anemia control strategy in India using a social norms approach and a Self-Help Groups (SHGs) platform.** (10/18-09/20) - Funded by the Bill & Melinda Gates Foundation. Role: Investigator (Policy component). Objective: To design, implement, and evaluate a social norms-based approach to reduce anemia among women of reproductive age and during pregnancy in Odisha, India.
- **Identifying and exploring gaps in research and implementation on Quality, Safety, and Performance Management in Primary Health Care Systems in Low- and Middle-Income Countries** (01/18-12/18). Funded by the Bill & Melinda Gates Foundation through Ariadne Labs and Brigham and Women's Hospital. Role: Principal Investigator. Partnership with the International Initiative for Impact Evaluation -3Ie. Objective: Development of an evidence gap map and prioritized research agenda in the area of performance management, quality and safety in primary care systems of low- and middle-income countries.
- **Learning from Ananya - Scaling Up Improved Primary Health Care System Performance in Bihar** (01/17 – 03/19) - Funded by the Bill and Melinda Gates Foundation in partnership with Stanford University. Role: Investigator (Lead for realist evaluation of motivation of community health workers). Objective: This grant will leverage existing data sets and generate new insights and analysis about the BMGF-funded Ananya program in Bihar, India.

PUBLICATIONS

Articles in Refereed Journals (Since 2013)

1. Aranda, L. E., Arif, Z., Innocenti, C., ...Munar, W. (2023). Characterizing the implementation of performance management interventions in a primary health care system. A case study of the Salud Mesoamerica Initiative in El Salvador. *Health Policy and Planning*, czad020
2. Lahiri, S., Bingenheimer, J., Sedlander, E., Munar, W., & Rimal, R. (2023). The role of social norms on adolescent family planning in rural Kilifi County, Kenya. *Plos One*, 18(2), e0275824.
3. Munar, W., et al. (2022). "Characterising performance information use in the primary health care systems of El Salvador, Lebanon, and Malawi: Multiple case study protocol." *BMJ Open* 12(e060503).
4. Newton-Lewis, T., Munar, W., & Chanturidze, T. (2021). Performance management in complex adaptive systems: a conceptual framework for health systems. *BMJ Global Health*, 6(7), e005582.
5. Lungeanu, A., McKnight, M., Negron, R., Munar, W., Christakis, N. A., & Contractor, N. S. (2022). *Reprint of: Using Trellis software to enhance high-quality large-scale network data collection in the field. Social Networks.*

6. Sedlander, E., Bingenheimer, J. B., Lahiri, S., Thiongo, M., Gichangi, P., Munar, W., & Rimal, R. N. (2021). Does the belief that contraceptive use causes infertility actually affect use? Findings from a social network study in Kenya. *Studies in family planning*, 52(3), 343-359.
7. Wahid, S. S., Munar, W., Das, S., Gupta, M., & Darmstadt, G. L. (2021). *Reprint of 'Our village is dependent on us. That's why we can't leave our work'. Characterizing mechanisms of motivation to perform among Accredited Social Health Activists (ASHA) in Bihar. Health Policy and Planning.*
8. Munar, W., Snilstveit, B., Aranda, L. E., Biswas, N., Baffour, T., & Stevenson, J. (2021, December 15). Medición y gestión del desempeño en los sistemas de salud de atención primaria en países de ingresos bajos y medios. *London: International Initiative for Impact Evaluation.*
9. Lungeanu, A., McKnight, M., Negron, R., Munar, W., Christakis, N. A., & Contractor, N. S. (2021). Using Trellis software to enhance high-quality large-scale network data collection in the field. *Social Networks*, 66, 171-184.
10. Peiris, D., et al. (2021) Strengthening primary health care in the COVID-19 era: a review of best practices to inform health system responses in low- and middle-income countries. *WHO South-East Asia Journal of Public Health*, 10, 6-25.
11. Darmstadt, G. L., et al. (2020). Impact of the Ananya program on reproductive, maternal, newborn and child health and nutrition in Bihar, India: early results from a quasi-experimental study. *Journal of Global Health*, 10(2).
12. Darmstadt, G. L., Pepper, K. T., Ward, V. C., Srikantiah, S., Mahapatra, T., Tarigopula, U. K., ... & Shah, H. (2020). Improving primary health care delivery in Bihar, India: Learning from piloting and statewide scale-up of Ananya. (3le 2018), 10(2).
13. Wahid, S. S., Munar, W., Das, S., Gupta, M., & Darmstadt, G. L. (2020). 'Our village is dependent on us. That's why we can't leave our work'. Characterizing mechanisms of motivation to perform among Accredited Social Health Activists (ASHA) in Bihar. *Health Policy and Planning*, 35(1), 58-66.
14. Munar, W., Snilstveit, B., Aranda, L. E., et al. (2019) Evidence gap map of performance measurement and management in primary healthcare systems in low-income and middle-income countries. *BMJ Global Health*, 4, e001451.
15. Carmichael, S. L., Mehta, K., Raheel, H. (2019). Effects of team-based goals and non-monetary incentives on front-line health worker performance and maternal health behaviours: a cluster randomised controlled trial in Bihar, India. *BMJ Global Health*, 4, e001146.
16. Sedlander, E., Bingenheimer, J. B., Thiongo, M., Gichangi, P., Rimal, R. N., Edberg, M., & Munar, W. (2018). "They Destroy the Reproductive System": Exploring the Belief that Modern Contraceptive Use Causes Infertility. *Studies in family planning*, 49(4), 345-365.
17. Munar, W. et al. (2018). "Evidence gap map of performance measurement and management in primary care delivery systems in low-and middle-income countries—Study protocol." *Gates Open Research* 2.
18. Munar, W., Wahid, S. S., & Curry, L. (2018). Characterizing performance improvement in primary care systems in Mesoamerica: A realist evaluation protocol. *Gates Open Research*, 2.
19. Sedlander, E., Rimal, R. N., Talegawkar, S. A., Yilma, H., & Munar, W. (2018). Designing a socio-normative intervention to reduce anemia in Odisha India: A formative research protocol. *Gates Open Research*, 2.

20. Edberg, M., Sedlander, E., Rimal, R., Bingenheimer, J., Shaikh, H., Munar, W., ... & Morankar, S. (2018). Planned social network change and modern contraceptive use in a rural Ethiopian community. *Journal of Global Health Reports*, 2.
21. Munar, W., Hovmand, P., & Darmstadt, G. L. (2015). Scaling-Up Impact in Perinatology through Systems Science – Bridging the Collaboration and Translational Divides in Cross-disciplinary Research and Public Policy. *Seminars in Perinatology*, 39, 416-423.
22. Darmstadt, G. L., Munar, W., & Henry, S. (2014). Newborn Health: Everybody's Business. *Global Public Health*, 9(7), 752-759.
23. Darmstadt, G. L., & Munar, W. (2013). Behavior change and community participation: Assessing causal pathways affecting neonatal mortality. *JAMA*, 310(9), 969-970.

Book chapters

- Levy, J. K., Goold, A., Houston, A., Rios-Zertuche, D., & Munar, W. (2018). Gender and Family Planning Among Indigenous Women in Mexico and Central America: A Call to Action. In *Maternal Death and Pregnancy-Related Morbidity Among Indigenous Women of Mexico and Central America* (pp. 113-131). Springer, Cham.

Peer Reviewed Reports

1. Munar, W., et al. (2005). IDB Country Strategy with the Dominican Republic. Retrieved from Inter-American Development Bank, Washington, DC.
2. Gonzalez, A., & Munar, W. (2003). The Political Economy of Social Sector Reforms. Economic and Sector Studies Series - Inter-American Development Bank, Washington, DC
3. Gaarder, M. M., Munar, W., & Sollis, P. (2003). Mapping Community Capacity Among the Garifuna. Economic and Sector Studies Series - Inter-American Development Bank, Washington, DC.

Abstracts

1. Aranda, L. Esther; Arif, Zainab; and Munar, Wolfgang (2022, Nov). What is the role of PHC teams' inner context in the implementation of performance management interventions – a case study of a realist evaluation in El Salvador. In: 7th Health Systems Global Symposium, Bogota, Colombia
2. Bingenheimer, J., Lungeanu, A., Sedlander, E., Contractor, N., Gichangi, P., Rimal, R., & Munar, W. (2019, November). How attitudes and beliefs spread to influence contraceptive use in two whole networks in Coastal, Kenya. In APHA's 2019 Annual Meeting and Expo (Nov. 2-Nov. 6). American Public Health Association.
3. Antone, B., Y. Huang, A. Lungeanu, N. Contractor, R. Rimal, J. Bingeheimer, W. Munar. 2018. Modern Contraception Use in Rural Kenya: Intervention Analysis Through Simulation of Complex Diffusion Processes Winter Simulation Conference 2018, Gothenburg, Sweden.
4. Bingenheimer, J., Sedlander, E., Thiongo, M., Gichangi, P., Rimal, R., Edberg, M., Munar, W. Ideational change in the midst of fertility transition: Data from Kilifi County, Kenya. At: Population Association of America. Denver, April 2018.
5. Sedlander, E., et al. (2018) How health extension workers increased uptake of modern contraception in one Ethiopian community: A case study. Poster at International Family Planning Conference, Kigali, Rwanda.

SCHOLARLY PRESENTATIONS

1. Munar, W. Cross-country case study of health policy and systems research in low- and middle-income countries. In: 7th Health Systems Global Symposium, Bogota, Colombia. Nov 2-5, 2022.
2. Hyder, A., Munar, W., and Paichadze, N. (Webinar). Research impact assessment: developing national stories of change for health policy and systems research. Feb. 26, 2021
3. Munar, W. (Webinar) Knowledge gaps around Primary Health Care Quality & Performance Management. PHC Research Consortium. The George Institute for Global Health. New Delhi, Nov 19, 2020
4. Munar, W. Strategic recommendations for the establishment of a global primary healthcare research consortium and its evaluation. Stellenbosch University, Cape Town. Feb. 2019.
5. Munar, W. Evaluation of the Bihar Technical Support Program (BTSP)- Theory-driven, qualitative program evaluation component. Stanford University, Palo Alto, May 15-17, 2019.
6. Munar, W., and Snilstveit, B. Evidence gaps and research priorities in Performance Measurement and Management in Primary Care Systems in Low- and Middle-income Countries. Fifth Global Health Systems Research Symposium, Liverpool, UK. October 2018.
7. Munar, W., Using evidence gap maps to pitch project proposals to funders – a skill-building session. *Health Systems Research Symposium*, Liverpool, October 2018
8. Munar, W. Redesigning Honduras Maternal, Neonatal and Child Health Policy - A System-Thinking Lens. Presented at: New Evidence on Results-Based Funding for Global Health: Lessons Learned from the Salud Mesoamerica Initiative. March 2018. Center for Global Development. Washington DC.
9. Munar, W., Aplicaciones del pensamiento sistémico al diseño de políticas de salud en Mesoamérica, 3rd International Health Sciences Research Symposium. 2017 Dec. Keynote invitation from the University of Ambato School of Medicine, Ecuador
10. Munar, W., Causalidad, complejidad y cambio en los sistemas de salud de Mesoamérica – Aplicaciones de la evaluación realista, 3rd International Health Sciences Research Symposium. 2017 Nov, Keynote invitation from the University of Ambato School of Medicine, Ecuador
11. Munar, W., *Exploring social norms and social networks' effects on the adoption of modern contraception in rural Ethiopia*. Jimma University, Ethiopia, March 2016
12. Munar, W. *Leveraging Inter-sectoral action in social policy*. Graduate program on Health Governance, UNASUR, Rio de Janeiro, Brazil, Jan. 2015
13. Munar, W. *La evaluación del desempeño y el apalancamiento de mejoras en la calidad de la política sanitaria* (Performance evaluation and leveraging improvements in the quality of health policies). Mexico's National Academy of Medicine's International Symposium on Health Quality, Mexico City, August 2014.
14. Munar, W. *Scaling Up Impact in Global Health*. 2nd Latin American and Caribbean Conference on Global Health "Transcending frontiers for Health Equity", Santiago, Chile January 9 – 11, 2013.
15. Munar, W., *The Colombian Social Health Insurance Reform - 20 Years Later*. 2nd Gestarsalud Symposium, Bogota, Colombia, December 2013.

16. Munar, W. Second Latin American Global Health Conference. Santiago, Chile Jan 2013.
17. Munar, W. *Catalytic Philanthropy in Global Health*. In: Social Innovation and New Capitalism in the 21st Century --- Community Design Unleashing the Power of Business and the Society, FUJITSU Research Institute Economic Research Center - Tokyo, Japan. January 2013.
18. Munar, W. *Application of Social Network Analysis to health systems research (Invited Panel)*. Second Global Health Systems Research Symposium. Beijing, China. Nov 2012.
19. Munar, W. Panelist at the “*Health for All*” Session, World Economic Forum, Puerto Vallarta, Mexico, April 2012.
20. Munar, W. *Scaling-up Impact - Harnessing the Power of Knowledge Networks*. International Finance Corporation, Washington DC- Sep. 2012.
21. Munar, W. *Scaling-up Impact - Harnessing the Power of Knowledge Networks*. Xerox Executive Forum, Seattle - Oct. 2012.
22. Munar, W. *Innovative financing mechanisms in Global Development*. Spain’s Ministry of Foreign Affairs. Madrid, Spain. Sep 2011.
23. Munar, W. Invited Panel on Social Sector Innovations “*The Mesoamerican Health Initiative*.” Inter-American Development Bank Group Donor Meeting. Vienna, Austria, June 2011.
24. Munar, W. *The Salud Mesoamerica 2015 Initiative*. Inter-agency Working Group on Results Based Funding. OECD, Paris, Dec. 2010
25. Munar, W. “Global Program Partnerships: Improving Institutional Policies and Practice.” Expert Meeting hosted by UNICEF, World Bank and WHO. Geneva, Switzerland, Feb. 2010
26. Dearing, J, and Munar, W. *Diffusion of innovations: The role of readiness and capacity assessment*. First Global Implementation Conference. Washington, Aug. 2010.

US Presentations (2010-present)

1. Munar, W. An introduction to realist evaluation. Webinar hosted by Save the Children US. Jul 21, 2020.
2. Munar, W. Realist evaluation of the Bihar Technical Support Program. Theory-driven, qualitative program evaluation component. Stanford University School of Medicine. Palo Alto, May 2019.
3. Munar, W. Research Seminar - The drivers of health system performance in low- and middle-income countries – what works (or not), how, and why? GWSPH. January 2019
4. Munar, W., *Primary health care systems performance measurement and management (PMM) in low- and middle-income countries. Implications for the Salud Mesoamerica Initiative*. Presentation at the 2018 Meeting of the Board of the Salud Mesoamerica Initiative. Mexico City, Nov. 2018.
5. Munar, W. *Systems Science-informed Equity Evaluation How legitimate, valid, relevant and useful is your evaluation?* – Presentation for the Leaders in Equity Fellowship Health Equity, Module #6. GWU - October 2018
6. Munar, W., *Redesigning Honduras Maternal, Neonatal and Child Health Policy - A System-Thinking Lens. New Evidence on Results-Based Funding for Global Health - Lessons Learned from the Salud Mesoamerica Initiative*. Center for Global Development, 2018 Mar. Washington DC.

7. Munar, W., Organizational Inertia: Improving health system performance. *New Evidence on Results-Based Funding for Global Health - Lessons Learned from the Salud Mesoamerica Initiative*, Center for Global Development. 2018 Mar. Washington DC.
8. Munar, W., Design Decisions & lessons learned. *New Evidence on Results-Based Funding for Global Health - Lessons Learned from the Salud Mesoamerica Initiative*. Center for Global Development, 2018 Mar. Washington DC.
9. Munar, W., Diffusion of innovations in MNCH policy and practice, Bill & Melinda Gates. MNCH Strategy Convening. 2017 Oct. Seattle, WA.
10. Munar, W., Applications of systems thinking methods to policy and evaluation design, Keynote at Annual Meeting of Health and Social Protection Team Leaders. Inter-American Development Bank 2017 Jun. Washington, DC.
11. Munar, W., Leveraging social network data for addressing global health challenges. Columbia University Master of Science in Information and Knowledge Strategy. April 2017. New York, NY.
12. Munar, W., Challenges facing Latin America and the Caribbean countries in reducing inequities through the lens of Universal Health Coverage. *Equity-based Policies and Strategies in Latin America and the Caribbean*. Pan-American Health Organization. 2017 Apr. Washington, DC.
13. Munar, W., Ballard, E., Nelson, J., Zertuche, D., Applications of systems thinking methods to policy design in the Salud Mesoamerica Initiative. GWU Global Health Seminar Series, 2017 Feb. Washington DC.
14. Munar, W. *Dealing with the Unexpected – the 1990s Cholera Epidemics in South America*. Summer Program for Research in Global Health Meeting, July 2015. St. Louis, MO.
15. Munar, W. *Leveraging Health Equity in Mesoamerica*. Inter-American Encounter of Emergent Leaders - Inter-American Development Bank & Columbia University, Sep. 2015. New York, NY.
16. Munar, W. *Distinguished Lecture - Leveraging Government Action for Impact At-Scale. The Experience from the Salud Mesoamerica 2015 Initiative*. University of Miami, School of Medicine. May 2015. Miami, FL.
17. Munar, W. *Leveraging Impact at Scale in Global Health - Conundrum and Opportunity in Infectious Disease Prevention and Control*. 2015 Conference on Global Health and Infectious Disease – St. Louis, April 2015
18. Munar, W., *Leveraging the University for Impact at Scale: Tackling Global Challenges through Knowledge Networks for Innovation*. In: The Role of Research Universities in Addressing Global Challenges - 5th International Symposium of the McDonnell Academy of Scholars - St. Louis, Oct. 2014
19. Munar, W. “*Linking Systems Thinking, implementation science, and nutrition interventions*” - Expert Meeting hosted by the New York Academy of Sciences. New York, Feb. 2014
20. Munar, W., *Knowledge Networks for Scaling-up Impact in Bihar, India*. Columbia University, New York, NY. April 2012.
21. Munar, W. *Harnessing the Power of Knowledge Networks*. International Finance Corporation & World Bank – Washington DC, Sep. 6, 2012

22. Dearing, J., Munar, W. *Diffusion of innovations: The role of readiness and capacity assessment*. First Global Implementation Conference. Washington, DC. August 15-17, 2011
23. Munar, W. *Diffusion to Scale-up*. In: The Urban Reproductive Health Initiative: Understanding and facilitating the spread of ideas and actions. A Convening hosted by the Bill & Melinda Gates Foundation. Seattle, June 2010.

UNIVERSITY SERVICE

a) Committee service: University

- Professional Ethics and Academic Freedom Committee. Faculty Senate
- Member, Advisory Committee. The Gill-Lebovic Center for Community Health in the Caribbean and Latin America

b) Committee service: SPH

- Curriculum Committee

c) Committee service: Department

- Curriculum Committee
- PhD Committee
- Search Committee Co-Chair for hiring associate/assistant professor of global health systems research.
- Search Committee Chair for hiring associate/assistant professor of global health systems research.

EDITORIAL PEER REVIEW ACTIVITIES

- BMJ Global Health (2020)
- Cochrane Collaboration (2019)
- International Journal of Health Policy (2019)
- BMJ Open (2018)

TEACHING PORTFOLIO

Courses taught Spring 2022 to Spring 2023

- PUBH-8407 - Advanced Topics in Global Health: Doctoral Seminar Part 2 (Spring 2022 and 2023)
- PUBH-8406 - Advanced Topics in Global Health: Doctoral Seminar Part 1 (Fall 2022)
- PUBH-6475 – Theory-building in health systems research (Spring 2022 and 2023)
- PUBH-6411 – Global health organizations and regulations (Fall 2022)
- PUBH 8010 – Doctoral-level Independent Study on health systems research (Prarthana Vasudevan)
- PUBH 8010 – Doctoral-level Independent Study on health systems research (Molly Lauria)
- PUBH 8010 – Doctoral-level Independent Study on health systems research (Prarthana Vasudevan)

- PUBH 8417 – Guest lecturer. Qualitative Research Methods and Analysis. Spring 2023

Courses taught before Fall 2021

- PUBH 6499 – Designer and Instructor. Health Systems Research in Low and Middle-income Countries (2 credits). Spring 2021.
- PUBH 8407 – Instructor. Advanced Topics: Health Research in the Global Arena – Doctoral Seminar (3 credits). Spring 2020
- PUBH 8010 – Doctoral-level Independent Study on health systems research (Wen-Chien Yang)
- PUBH 6441 – Guest lecturer. Global Health Organizations and Regulations. Fall 2020
- PUBH 3133- Guest lecturer. Global Health and Development. Fall 2020
- PUBH 8417 – Guest lecturer. Qualitative Research Methods and Analysis. Spring 2020
- PUBH 8417 – Guest lecturer. Qualitative Research Methods and Analysis. Spring 2019, 2020, 2021
- PUBH 8406 – Instructor. Advanced Topics: Health Research in the Global Arena – Doctoral Seminar (3 credits). Fall 2019
- PUBH 64499.10 – Co-Instructor. Attacking Wicked Problems in Global Health using System Thinking Methods and Approaches (1 credit). Spring 2018

Students and Trainees: Advising/Mentoring

Doctoral

- Ligia E. Aranda. DrPH Dissertation Chair. Department of Global Health (2019-ongoing)
- Prarthana Vasudevan, DrPH Dissertation Chair. Department of Global Health (2022-ongoing)
- Marc Cunningham, DrPH Dissertation Committee Member. Department of Global Health (2022-ongoing)
- Molly Lauria, PhD Academic Advisor (2022-ongoing)
- Shabab Wahid, Doctoral Candidate (Senior Research Assistant, 2017-2019)
- Ligia E. Aranda, Doctoral Student (Leadership in Research – 1 Credit)
- Ligia E. Aranda, Doctoral Student (Research Assistant on grant “Identifying and exploring gaps in research and implementation on Quality, Safety, and Performance Management in Primary Health Care Systems in Low- and Middle-Income Countries”)

Master's

Culmination Experience

- 2022: Yael Zeldin
- 2021: Christy Buranaamorn and Maria Amante
- 2020: Alex Dobeck, Olurontobi Dare, and Kassandra Krobin
- 2019: Zainab Arif and Theresa Baffour

Mentored research with doctoral students

- Prarthana Vasudevan, DrPH student (2022-present). Graduate Research Assistantship for research on “*Comparative case study of health policy and systems in four low- and middle-income countries.*”
- Wen-Chien Yang, PhD student (2021). Graduate Research Assistantship for research on “*Characterizing uses of performance information in El Salvador Primary Health Care System.*”
- Ligia Esther Aranda (2020-2023). Dissertation research – Grant: *Spreading Lessons and Sustaining Improvement in Primary Health Care System Performance in Mesoamerica.*
- Ligia E. Aranda DrPH student, and Theresa Baffour and Nilakshi Biwas, MPH students (2019-2020). Research Assistants on “*Identifying and exploring gaps in research and implementation on Quality, Safety, and Performance Management in Primary Health Care Systems in Low- and Middle-Income Countries.*”
- Syed Shabab Wahid (2017-2021). Graduate Research Assistant and Post-Doctoral Student on two research projects: 1) *Spreading Lessons and Sustaining Improvement in Primary Health Care System Performance in Mesoamerica*, and 2) *Learning from Ananya. Scaling Up Improved Primary Healthcare Systems Performance.*

PUBLIC HEALTH PORTFOLIO

2020-2023	Primary Health Care Research Consortium, New Delhi, India Steering Committee Member (Pro-Bono); Collaborative research and capacity-building in health systems research with researchers at University of Malawi. Type of involvement: International Level of effort: 5%
Jan 2020- March 2022	The Global Fund for HIV/AIDS, TB and Malaria, Geneva, Switzerland Serving Member, Technical Review Committee (Honorarium paid) Level of effort: 0 % Type of involvement: International Areas of expertise: Sustainable Investments and Strategic Financing; and Health Systems.

OTHER EXTERNAL ACTIVITIES

2022	Inter-American Development Bank Member of the Steering Committee of the Final Evaluation of the Salud Mesoamerica Initiative
2022	Islamic Development Bank – Lives and Livelihoods Fund (LLF) External Advisor, Introducing Adaptive Results-based management to the LLF

2021	UK National Institute for Health Research Reviewer for the Global Health Research Units and Groups Program
2019-2020	Oxford Policy Management - Primary Health Care (PHC) Systems Performance Management. Social Solutions International/United States Agency for International Development - Assessing national MNCH responses to the Zika Pandemic in five countries in Latin America & the Caribbean.
2008-2009	Canadian Agency for International Development - Reforming Honduras's Health Information System (2008-2009) United States Agency for International Development - Assessing the National HIV/AIDS Response in St. Lucia, Grenada, St. Vincent and Dominica (2008-2009) World Health Organization – Senior Advisor for the Health Metrics Network for Latin America and the Caribbean (2007-2008)
1994-1998	The World Bank - Eastern Europe & Central Asia Department, Washington, DC; Yerevan, Armenia; Tbilisi, Georgia Management Sciences for Health -Health Policy Advisor, Kenya Health Finance Reform Program (1996-1997) Nairobi, Kenya Pan-American Health Organization – Senior Advisor to the Dominican Republic's Commission for Health Reform (1994-1995) Santo Domingo, Dominican Republic Management Sciences for Health -Health Policy Advisor, Nicaragua's Program for Strengthening Health Services (1994) Managua, Nicaragua