

DIANA BOWSER, Sc.D., M.P.H.

Professor
Associate Dean for Research and Integrated Science
William F. Connell School of Nursing
Boston College
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November 2024
Adjunct Associate Professor
Harvard TH Chan SPH
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Globally recognized health economist, health care leader, and health services researcher with a unique combination of skills in higher level academic management, research and proposal development, and teaching. Widely recognized for research on understanding trends in health system change, especially related to the financing and cost impacts on efficiency and effectiveness of health care programs, with a specific focus on vulnerable populations. Has worked at both the global and federal level on a number of research projects focusing on specific populations such as women and children and migrants and topics related to behavioral health and substance abuse.

Currently Professor and Associate Dean for Research and Integrated Science at the William F. Connell School of Nursing within Boston College. Previously, Director of the PhD Program in Social Policy and Master's Program in Global Health Policy and Management at Brandeis University. Teaches graduate level courses in health economics, financing, health systems, research methods, and evaluation at several universities in the Boston area.

Leads a large research portfolio of close to \$1 million annually. As part of this portfolio, is the Principal Investigator for two NIDA funded projects that are part of the Helping to End Addiction Long-term Initiative (HEAL) examining the prevention and treatment options for individuals with substance use disorders. Currently leading an evaluation of health care services offered to Venezuelan migrant populations in Colombia funded by the UK government. Has led a number of other research studies examining the impact on health outcomes from various health system interventions including new technology, new infrastructure, and changes in the health work force both globally and in the United States.

Also, Course Director for six Global Executive Training Programs at the Harvard T.H. Chan School of Public Health. Expert in bringing together top health care leaders from around the globe, in an innovative learning environment, to develop health system solutions for countries around the world. Training programs focus on understanding and finding solutions to health system problems related to financing, payment, quality, human resources, and management. Leader of a core team of key faculty, course coordinators, and admissions staff.

ACADEMIC & PROFESSIONAL EXPERIENCE

Professor (tenured),
William F. Connell School of Nursing, Boston College, 2023-Present

Associate Dean for Research and Integrated Sciences, William F. Connell School of Nursing, Boston College, 2023-Present

Associate Professor,
The Heller School for Social Policy and Management, Brandeis University, 2016-2023

Director, PhD Program in Social Policy,
The Heller School for Social Policy and Management, Brandeis University, 2020-2023

Adjunct Associate Professor, Harvard T.H. Chan School of Public Health, 2022-Present

Adjunct Lecturer, Boston College, Woods College of Advancing Studies, 2019-Present

Course Director, Harvard T.H. Chan School of Public Health, 2017-Present

Director, MS Program in International Health Policy and Management,
The Heller School for Social Policy and Management, Brandeis University, 2013-2018

Research Associate, Harvard T.H. Chan School of Public Health, 2011-2022

Co-Chair, Global Health and Development, PhD Concentration,
The Heller School for Social Policy and Management, Brandeis University, 2013-2015

Lecturer/Research Scientist, Schneider Institutes for Health Policy,
The Heller School for Social Policy and Management, Brandeis University, 2013-2016

Lecturer/Senior Research Associate, Schneider Institutes for Health Policy,
The Heller School for Social Policy and Management, Brandeis University, 2011-2013

Research Specialist, Harvard School of Public Health, 2001-2010

EDUCATION

ScD Harvard School of Public Health, Global Health and Population and Health Economics, 2010

MPH Yale School of Public Health, International Public Health, 1999

BA Harvard University, Major: Social Anthropology, 1995

HONORS & AWARDS

Schneider Institute Endowment Support for Research Award, 2015

Harvard School of Public Health Tuition Reimbursement Program, 2003-2010

Harvard's Global Demography of Aging Research Traveling Fellowship, 2005-2007

Graduate Degree Scholarship, Harvard School of Public Health, Harvard University, 2005-2006

EDITORIAL ROLES

Editorial Board Member: Health Systems & Reform

Ad Hoc Reviewer

BMJ Global Health
Health Policy
Health Policy and Planning
Preventive Medicine
International Journal of Health Policy and Management
Maternal and Child Health Journal
American Journal of Public Health
Social Science & Medicine

PUBLICATIONS

(*denotes student or trainee)

Peer-Reviewed Publications

Patricia C Underwood, Brielle Ruscitti, Tam Nyugen, Cherlie Magny-Normilus, Katherine Wentzell, Sharon A. Watts, **Diana Bowser**. 2024. A Health Systems Approach to Nurse-Led Implementation of Diabetes Prevention and Management in Vulnerable Populations. *Health System & Reform* (Under Review).

Bowser, Diana, Kaili Mauricio and Brielle Ruscitti. 2024. Nurse Workforce Growth and Medically Underserved Areas in the United States. *BMC Health Services Research*. (Revise and Resubmit).

Kathryn E. McCollister, **Diana Bowser**, Jenny E. Becan, Danica K. Knight, Steven Belenko, Angela A. Robertson, and Michael L. Dennis. 2024. Addressing Unmet Need For Substance Use Disorder Treatment Among Youth in the Legal System (YLS): Costs of Structured Implementation Interventions With Community Supervision Agencies in Seven States. *Journal of Substance Use and Addiction Treatment*. (Under Review)

Bowser, Diana, Brielle Ruscitti, Caroline Kern. 2024. Investigating Marketplace Plans and the Variation in Deductibles, Co-Insurance and Co-payment for Individuals with Diabetes. *Health Services Insight* (In Press).

Julie Mottl-Santiago, Dmitry Dukhovny, Emily Feinberg, Jennifer Moore, Victoria Parker, Howard Cabral, **Diana Bowser**, Eugene Declercq. 2024. Return-on-investment analysis of an enhanced community doula program: pre- and post-covid considerations. *Birth*. <https://doi.org/10.1111/birt.12886>

Priya Agarwal-Harding, Brielle Ruscitti, Donald Shepard, Arturo Harker-Roa, **Diana M Bowser**. 2024. Disparities in health-seeking behaviors and associated costs between Venezuelan migrants and Colombians residing in Colombia. *International Journal for Equity and Health*: 23(202). <https://doi.org/10.1186/s12939-024-02289-y>

Diana M Bowser, Kathryn McCollister, Yang Yang, Brielle Ruscitti, Grace Berchtold, Erminia Ferdone, Heather Hines, and Danica Knight. 2024. Start-Up and Implementation Costs for the Trust Based Relational Intervention. *Journal of Prevention*.

Diana M Bowser, Robert Bohler, Margot Trotter Davis, Dominic Hodgkin, and Constance M. Horgan. 2024. Payment Related Barriers to Medications for Opioid Use Disorder: A Critical Review of the Literature and Real-World Application. *Journal of Substance Use and Addiction Treatment*.

Diana M Bowser, Kaili Mauricio, Brielle Ruscitti, and William Crown. 2024. American Clusters: Using Machine Learning to Understand Health and Health Care Disparities in the United States. *Health Affairs Scholar*. 14 February 2024. <https://doi.org/10.1093/haschl/qxae017>

Diana M Bowser, Eckhard Kleinau, Grace Berchtold, David Kapaon, and Leulseged Kasa. Return on investments in the Health Extension Worker Program in Ethiopia. 2023. *PLoS ONE* 18(11): e0291958.

Diana M Bowser, Robert Bohler, Margot Trotter Davis, Dominic Hodgkin, Richard G. Frank, and Constance

M. Horgan. 2023. New Methadone Treatment Regulations should be Complemented by Payment and Financing Reform. *Health Affairs Forefront*. <https://www.healthaffairs.org/content/forefront/new-methadone-treatment-regulations-should-complemented-payment-and-financing-reform>

Donald S Shepard, Adelaida Boada, Anna Sombrio, Priya Agarwal-Harding, Arturo Harker Roa, **Diana M Bowser**. 2023. Impact of COVID-19 on healthcare utilization, cases, and deaths of citizens and displaced Venezuelans in Colombia: complementary comprehensive and safety-net systems under Colombia's constitutional commitment. *PloS ONE*. Mar 28;18(3):e0282786. DOI: 10.1371/journal.pone.0282786.

Laura J. Dunlap, Margaret R. Kuklinski, Alexander Cowell, Kathryn E. McCollister, **Diana M. Bowser**, Mark Campbell, Claudia-Santi F. Fernandes, Pranav Kemburu, Bethany J. Livingston, Lisa A. Prosser, Vinod Rao, Rosanna Smart, Tansel Yilmazer. 2023. Economic Evaluation Design within the HEAL Prevention Cooperative. *Prevention Science*. <https://doi.org/10.1007/s11121-022-01400-5>

Jason JS, **Bowser DM**, Harker Roa A, Contreras Ceballos DC, Muñoz S, Sombrio AG, Shepard DS, Impact of weekday and weekend mobility and public policies on COVID-19 incidence and deaths across 76 large municipalities in Colombia: statistical analysis and simulation. *BMC Public Health*, 2022. 22:2460. <https://doi.org/10.1186/s12889-022-14781-7>

Diana Bowser, Priya Agarwal-Harding, Anna G Sombrio, Donald S Shepard, Arturo Harker Roa. 2022. Integrating Venezuelan Migrants into the Colombian Health System during the COVID-19. *Health Systems & Reform* 2022;8(1):2079448 doi: 10.1080/23288604.2022.2079448

Diana Bowser, Katharine Rowlands, Dhvani Hariharan, Raíssa Gervasio, Lauren Buckley, Yara Halasa-Rappel, Elizabeth Glaser, Christopher B Nelson, Donald S Shepard. 2022. Cost of respiratory syncytial virus (RSV) infections in US infants: systematic literature review and analysis. *Journal of Infectious Diseases*. Aug 15;226(Suppl 2):S225-S235. doi: 10.1093/infdis/jiac172.

Glaser EL, Hariharan D, **Bowser DM**, Gervasio RM, Rowlands KR, Buckley L, Nelson CB, Shepard DS. 2022. Impact of respiratory syncytial virus on child, caregiver, and family quality of life in the United States: systematic literature review and analysis. *Journal of Infectious Diseases*. Aug 15;226(Suppl 2):S236-S245. doi: 10.1093/infdis/jiac183.

Diana Bowser, Anna Sombrio, Neto Coulibaly, and Noah Mark. 2021. Activity Based Costing for HIV, primary care and nutrition service in low- and middle-income countries: A systematic literature review and synthesis. *Journal of Global Health Economics and Policy*. 1:e2021013. doi:10.52872/001c.29068,

Diana Bowser, Neema Landy*, Reshma Dabideen, and Megan Gianfagna. 2021. Health System Strengthening for Vision Care in The Gambia. *Rural and Remote Health*. Apr;21(2):6245. doi: 10.22605/RRH6245. Epub 2021 Apr 6.

Monette Zard, Ling San Lau, **Diana M. Bowser**, Fouad M. Fouad, Diego I. Lucumi, Goleen Samari, Arturo Harker, Donald S. Shephard, Wu Zeng, Rachel T. Moresky, Mhd Nour Audi, Claire M. Green and S. Patrick Kachur. Leave No-one Behind: Ensuring Access to COVID-19 vaccines for Refugee and Displaced Populations. *Nature Medicine* (2021). April 19; <https://doi.org/10.1038/s41591-021-01328-3>

Diana Bowser, Brandy Henry, and Kathryn McCollister. 2021. Cost analysis in implementation studies of evidence-based practice in behavioral health: A Systematic Literature Review. *Implementation Science*. 16, 26 (2021). <https://doi.org/10.1186/s13012-021-01094-3>

Leulseged Kasa, **Diana Bowser**, Allyala Nandakumar. 2020. Technical efficiency analysis of health facilities in Haiti: a stochastic frontier approach. *Journal of Hospital Management and Health Policy*. November 6, 2020. doi: 10.21037/jhmhp-20-25

Patrick Richard, **Diana Bowser**, Mark R. Bauer, Natalie Moresco, Regine Walker, Demarcio Reed, Mary Jo Larson. 2020. Opioid Prescribing for Surgical Dental Procedures in Dental Clinics of Military Treatment Facilities. *Journal of American Dental Association*. Feb;152(2):94-104.e18.

doi: 10.1016/j.adaj.2020.09.020. Epub 2020 Dec 24

Adeyemi Okunogbe, **Diana Bowser**, Gulin Gedik, Saha Naseri, Ayat Abuagla, and Najibullah Safi. 2020. Global Fund Financing and Human Resources for Health Investments in the Eastern Mediterranean Region. *Journal of Human Resources for Health*. 18(48). <https://doi.org/10.1186/s12960-020-00483-x>

Diana Bowser, Brandy Henry* and Kathryn McCollister. 2019. An Overlapping Systems Conceptual Framework to Evaluate Implementation of a Behavioral Health Intervention for Justice Involved Youth. *Health Services Insights*. Vol 12: 1-12. doi: 10.1177/1178632919855037

Diana Bowser, Laura Krech, David Mabirizi, David Kapaon, Angela Y. Chang* and Thomas Bossert. 2019. Associations between Practices and Behaviors at the Health Facility Level and Supply Chain Management for Antiretrovirals (ARVs): Evidence from Namibia, Cameroon and Swaziland. *Global Health Sciences and Practice*. 7(2):300-316. doi: 10.9745/GHSP-D-19-00063

Diana Bowser, Manjiri Bhawalker, Rajesh Jha, and Peter Berman. 2019. The challenge of additionality: the impact of central grants for primary health care on state-level spending on primary health care in India. *International Journal of Health Policy and Management*. Vol 8(6): 329-336. doi: 10.15171/ijhpm.2019.06

Diana Bowser, Bryan Patenaude, Manjiri Bhawalker, Denizan Duran*, and Peter Berman. 2019. Benefit Incidence Analysis in Public Health Facilities in India: Utilization and Benefits at the National and State Levels. *International Journal for Equity in Health*. Jan 21;18(1):13. doi: 10.1186/s12939-019-0921-6

Yakob, Bereket, Anna Gage, Tsinuel Girma, Sarah Hurlburt, Seifu Hagos, Girmaye Dinsa, **Diana Bowser**, Peter Berman, Margaret Kruk, and Ephrm Tekle. 2019. Low effective coverage of family planning and antenatal care services in Ethiopia. *International Journal for Quality in Health Care*. Jan 4. doi: 10.1093/intqhc/mzy251

Bowser, D.M., Shepard, D.S., Nandakumar, A., Okunogbe, A.*, Morrill*, T., Halasa-Rappell, Y., Jordan, M., Mushi, F.*, Boyce, C., and Erhunmwunse, O. A. 2018. Cost Effectiveness of Mobile Health for Antenatal Care and Facility Births in Nigeria. *Annals of Global Health*. 84(4), pp.592–602. doi: 10.29024/aogh.2364

Bowser, D., Henry, B.*, Wasserman, G., Knight, D., Gardner, S., Krupka, K., Grossi, B., Cawood, M., Wiley, T., & Robertson, A. 2018. Comparison of the Overlap between Juvenile Justice Case Processing and Screening & Referral to Behavioral Health Services. *Journal of Applied Juvenile Justice Services*. 5:1, 96-125.

Jennifer Becan, John P. Bartkowski, Danica K. Knight, Tisha R. A. Wiley, Ralph DiClemente, Lori Ducharme Ducharme, Gregory A. Aarons, Wayne N. Welsh, **Diana Bowser**, Kathryn McCollister, Matthew Hiller, Anne C. Spaulding, Patrick M. Flynn, Andrea Swartzendruber, Megan F. Dickson, and Jacqueline Horan Fisher. 2018. A Model for Rigorously Applying the Exploration, Preparation, Implementation, Sustainment (EPIS) Framework in the Design and Measurement of a Large Scale Collaborative Multi-Site Study. *Health and Justice*. Apr 13:6(1): doi: 10.1186/s40352-018-0068-3

Diana Bowser, Hannah Marqusee*, Maria El Koussa and Rifat Atun. 2017. Health system barriers and enablers to early access to breast cancer screening, detection and diagnosis. *Public Health* 152: 58-74.

Diana Bowser, Yasmin Abbas*, Temitope Odunleye, Edward Broughton, and Thomas Bossert. 2017. Quality of Care in Medical Schools in Sub-Saharan Africa. *International Journal of Medical Education* 8:276-282. doi: 10.5116/ijme.595b.b38c

Ilhom Akobirshoev*, **Diana Bowser**, Susan Parish, Cindy Thomas, Sara Bachman. 2017. Does parental health mediate the relationship between parental uninsurance and insured children's health outcomes? Evidence from a national survey in the United States. *Health and Social Work*. March 2: 1-9. doi:10.1093/hsw/hlx003

Maria El Koussa, Rifat Atun, **Diana Bowser**, Margaret E. Kruk. 2016. Retaining physicians in the public sector: a systematic review of drivers of attrition and policy interventions. *Journal of Global Health* Dec;6(2):020403. doi: 10.7189/jogh.06.020403

Diana Bowser, Jaya Gupta*, and Allyala Nandakumar. 2016 (April). The impact of demand- and supply-side financing on infant, child and maternal mortality in low and middle income countries. *Health Systems & Reform*. doi:10.1080/23288604.2016.1166306.

Diana Bowser, Wu Zeng, Ilhom Akobirshoev*, Tyler Morrill, and Allyala Nandakumar. 2016. The Impact of Health Care Spending and Income Inequality on Stunting Prevalence. *International Journal of Healthcare* 2(2): 23-33.

Ben Walker, John McGown, **Diana Bowser**, Alison Patev, Frances Reade*, Maoven Razavi, David Dzielek, and Linda Southward. 2015 (May). An Assessment of Emergency Department Use Among Mississippi's Medicaid Population. *Journal of Mississippi Medical Association*.

Diana Bowser, Adeyemi Okunogbe*, Elizabeth Oliveras, Laura Subramanian, and Tyler Morrill*. 2015. A cost effectiveness analysis of a community health workers in Mozambique. *Journal of Primary Care and Community Health*. doi: 10.1177/2150131915579653

Rafael Cortez, **Diana Bowser**, Valeria Gemello*, Jini Etolue*, Meaghen Quinlin-Davidson, and Haidara Ousmane Diadie. 2015. Adolescent Sexual and Reproductive Health in Burkina Faso. *Health, Nutrition and Population Global Practice Knowledge Brief*. Washington, DC: World Bank

Bowser, Diana and Mande Limbu. 2015. Human rights principles maternal health. Chapter 12 in *The Roar Behind the Silence: Why kindness, compassion and respect matter in maternity care*. London, UK: Pinter and Martin Publisher.

Bowser, Diana, David Canning, and Adeyemi Okunogbe*. 2014. The impact of tobacco taxes on health outcomes, 1970-2005. *Tobacco Control*, pii: tobaccocontrol-2014-051666. doi: 10.1136/tobaccocontrol-2014-051666. [Epub ahead of print].

Bowser, Diana, Susan Powers Sparkes*, Andrew Mitchell, Thomas Bossert, Till Barnighausen, Gulin Getik and Rifat Atun. 2013. Global Fund Investment in HRH: Innovation and Health System Strengthening. *Health Policy and Planning* 29(8), 986-997. doi: 10.1093/heapol/czt080. Epub 2013 Nov 6.

Bowser, Diana and David Canning. 2013. The effect of health improvements due to tobacco tax on earnings in the United States, 1970-2005. *Applied Economics* 45 (36): 5021-5030 doi: 10.1080/00036846.2013.815310 [Epub ahead of print].

Bowser, Diana, Ramon Figueroa, Adeyemi Okunogbe*, and Laila Natiq*. 2013. A Preliminary Assessment of Pay for Performance, Health Systems, and Health Outcomes in Belize. *Global Public Health* 8 (9): 1063-1064 doi: 10.1080/17441692.2013.829511. Epub 2013 Sep 13

Bowser, Diana and Ajay Mahal. 2011. Guatemala: The economic burden of illness and health system implications. *Health Policy* 100: 159-166. doi: 10.1016/j.healthpol.2010.11.011. Epub 2010 Dec 18

Canning, David and **Diana Bowser**. 2010. Investing in health to improve the wellbeing of the disadvantaged: Reversing The argument of fair society, health lives (The Marmot Review). *Social Science & Medicine* 1/4. doi: 10.1016/j.socscimed.2010.07.009. Epub 2010 Aug 5

Bloom, David E. and **Diana M. Bowser**. 2008. The Population Health and Income Nexus in the Mississippi River Delta Region and Beyond. *Journal of Health and Human Services Administration*. 105-123.

Cosby, Arthur G. and **Diana M. Bowser**. 2008. The Health of the Delta Region: A Story of Increasing Disparities. *Journal of Health and Human Services Administration*. Summer 2008.

Bossert, Thomas, Till Barnighausen, Andrew Mitchell, **Diana Bowser** and Gulin Gedik. 2007. Assessing the financing, education, management and policy context for strategic planning of human resources for health. Geneva: World Health Organization.

Bossert, Thomas J., **Diana M. Bowser**, Johnny K. Amenyah. Is decentralization good for logistics systems? Evidence on essential medicine logistics in Ghana and Guatemala. *Health Policy and Planning*. 2007:1-10 doi:10.1093/heapol/cz1041

Law, MB, Whitman, J., **Diana M. Bowser**, Krech L. Tobacco availability and point of sale marketing in demographically contrasting districts of Massachusetts. *Tobacco Control*. 2002: Jun; 11 Suppl 2: ii71-3. PMID: 12034986.

Law, MB, Wilson IB., **Diana M. Bowser**, Kerr SE. Taking antiretroviral therapy for HIV infection: learning from patients' stories. *Journal of General Internal Medicine*. 2000: Dec; 15(12): 848-58.

Non-Peer Review Publication in Print or Media

Jamie Jason, Donald Shepard, Arturo Harker Roa, DC Contreras, S. Muñoz, Anna Sombrio, **Diana Bowser**. 2022. Understanding the COVID-19 Response in Colombia using Mobility Data. LAC Working Paper Series 35. February 25, 2022. New York: UNDP.

Web: https://www.latinamerica.undp.org/content/rblac/en/home/library/crisis_prevention_and_recovery/understanding-the-covid-19-response-in-colombia-using-mobility-d.html

Donald S Shepard, Adelaida Boada, Douglas Newball-Ramirez, Anna G Sombrio, Carlos William Rincon Perez, Priya Agarwal-Harding, Jamie S Jason, Arturo Harker Roa, **Diana M Bowser**. 2021. Impact of the COVID-19 pandemic in Colombia on utilization of medical services by Venezuelan migrants and Colombian citizens. World Bank and Columbia University. Building the Evidence on Forced Displacement, 2021.

Web: https://www.publichealth.columbia.edu/sites/default/files/covid_colombia_brief_v60.pdf

Bowser, Diana. Strengthening the Humanitarian Response to COVID-19 in Colombia. Elrha <https://www.elrha.org/project/strengthening-the-humanitarian-response-to-covid-19-in-colombia/>

Allyala Nandakumar, Diana Bowser. The Justice. Views on the News: Vaccine nationalism, Big Pharma and the distribution vacuum in India.

<https://www.thejustice.org/article/2021/05/views-on-the-news-vaccine-nationalism-big-pharma-and-the-distribution-vacuum-in-india>

Improving Health Outcomes in Haiti: Diana Bowser identifies key factors in efficiency and productivity by creating first national-level database of health care facility performance. July 2018.

<https://heller.brandeis.edu/news/items/releases/2018/fall-2018-impact-report-bowser.html>

Bowser, Diana and Monica Jordan. Why You Should Study Global Health Policy And Management In The Age Of Trump. Feb 09, 2017. https://www.huffingtonpost.com/entry/why-you-should-study-global-health-policy-and-management_us_589b38cde4b0985224db5c86

At the Heart of the Matter: A Heller Professor and Student Partner with Rwandan Government and Boston-Based non-Profit to Provide Cardiac Care. 2016. Heller School for Social Policy and Management. <http://heller.brandeis.edu/health-equity/index.html#article1>

Working Papers and Reports

Diana Bowser, et al. Research Snapshot: Strengthening the Humanitarian Response to COVID-19 in Colombia. 2021. Elrha. https://www.elrha.org/wp-content/uploads/2021/04/R2HC-Research-snapshot-51487_COVID19-in-Colombia_Brandeis.pdf

Diana Bowser, et al. Policy Brief: COVID-19 and Venezuelan Migrants in Colombia. 2021. Elrha. <https://www.elrha.org/researchdatabase/policy-brief-strengthening-the-humanitarian-response-to-covid-19-in-colombia/>

Diana Bowser, Gary Gaumer, David Kapaon, and Leulseged Kasa Mekonen. 2019. Social Return on Investment in the Health Extension Worker Program in Ethiopia. *USAID 2030 HRH Project*. <https://hrh2030program.org/sroi-in-health-extension-program-ethiopia/>

Bereket Yakob, Theodros Getachew, Anna Gage, **Diana Bowser**, and Margaret Kruk. 2017. Provision of Respectful Care in Ethiopia (Working Paper).

Diana Bowser et al. 2015. Applying the Quality and Maternal Newborn Care Framework to Non-Discrimination Interventions for Maternal and Newborn Health. (Working Paper).

Grepin, Karen and **Diana Bowser**. 2015. What is keeping them away? A quantitative analysis of reported reasons for non-institutional deliveries across low and middle-income countries. (Working Paper).

Bowser, Diana, Adeyemi Okunogbe, and Danielle Fuller. 2013. A Results-Based Financing Situational Analysis for Dominica. Washington, DC: World Bank.

Bowser, Diana and Danielle Fuller. 2013. A Results-Based Financing Situational Analysis for Saint Lucia. Washington, DC: World Bank.

Limbu, Mande, **Diana Bowser**, Soo Downe, Kathleen Hill, Rima Jolivet, Mary-Ellen Stanton, Petra-ten Hoop-Bender. 2012. Midwifery as the basis for fulfillment of human right for mother and infant. Working Paper.

Bowser, Diana. 2012. An Evaluation of Policy Changes to the NHI Contracting Model. Washington, DC: Inter-American Development Bank.

Bowser, Diana and Kathleen Hill. 2010. Disrespect and Abuse in Facility-based Childbirth. Washington, DC: USAID (Harvard School of Public Health and University Research Corporation).

Bowser, Diana. 2010. Analysis of the Global Fund Investment in Human Resources and Training: Ukraine. Global Fund to Fight AID, Tuberculosis and Malaria

Mahal, Ajay and **Diana Bowser**. Health Financing in Guatemala: A Situation Analysis and Lessons from Four Developing Countries. AED/USAID/HSPH. June 2009.

Mahal, Ajay and **Diana Bowser**. Economic Impact of Illness on Guatemalan Households Catastrophic Payments. AED/USAID/HSPH. September 2009.

Mahal, Ajay and **Diana Bowser**. The Economic Impact of Illness on Productivity among Guatemalan Households: Evidence from LSMS data. AED/USAID/HSPH. September 2009.

Bossert T. and Baernighausen T, Mitchell A. and **Bowser D**. *Assessing Financing, Education and Management for Strategic Planning for Human Resources in Health*. Geneva: World Health Organization 2007.

Bossert, Thomas J., **Diana M. Bowser**, Asta M. Kenney, Laurentiu M. Stan, and Anthony A. Hudgins. The Rationale for Family Planning in Ukraine: Evidence from Europe, Eurasia and the US. JSI/USAID August 2007.

Bowser, Diana and Paul Campbell. "Influencing State Policy on the Tobacco Settlement: The Experience in Maine". Maine Center for Public Health and American Cancer Society. March 2005.

Bossert, Thomas, **Diana Bowser**, Johnnie Amenyah, Dana Aronovich, Jim Bates and Kay Quam *Impact of Decentralization and Integration on the Performance of Health Logistics Systems: Concept Paper and Applied Research Protocol*, DELIVER/JSI 2002

Bossert, Thomas , **Diana Bowser** and Leonor Corea "Studies of Decentralization of the Health System in Nicaragua." *Harvard ARCH Project Report*, September 2001.

Bossert, T, Chawla M, **Bowser D**, Giedion U and Arbelaez J. Applied Research on the Decentralization of Health Care Systems in Latin America: Colombia Case Study. Data for Decision Making Project. Boston: Harvard School of Public Health, June 2000.

Bossert, Thomas, Mukosha Bona Chitah, Maryse Simonet, Ladslous Mwansa, Maureen Daura, Musa Mabandhala, **Diana Bowser**, Joseph Sevilla, Joel Beauvais, Gloria Silondwa and Munalinga Simatele. Decentralization of the Health System in Zambia. PHR Major Applied Research 6, Technical Report 2, 2000.

Invited Presentations/Panels

The Dollars and Sense of Costing a Substance Use Prevention Program: Learnings from a Research Cooperative. Costing Concepts and Approaches. As part of the NIDA Funded Healing Community Study. Virtual
April 19, 2024

Optimizing Health Workforce in the LMICs: What Should We Do Differently?
Health System Emerging Solutions Forum. DGI Consult, Nigeria (Virtual).
November 14, 2023

Health in Unstable Times – Strengthening Health Systems During Protracted Displacement: Lessons from Bangladesh, Jordan, the DRC, and Colombia. Reflections on Colombia.
Associate Professor
December 7, 2022

Helping to End Addiction Long-Term (HEAL), Preventing Opioid Use Disorder Year 4 Meeting, The Value of Economic Evaluation in Prevention Science, A Strategy to Conduct Economics Research during an Efficacy Study: The Trust-based Relational Intervention for Youths Involved with Juvenile Justice
Health Economic Expert
December 6, 2022

Virtual Panel Discussion: Health Care and Public Health in the Era of COVID-19 (Presented by Heller School for Social Policy and Management) Webinar
Public Health Expert
Heller School, May 26, 2020

Virtual Panel Discussion: Economic Impact of an Outbreak (Presented by Boston College M.S. in Applied Economics) Webinar
Health Economics Expert
Boston College, May 14, 2020

War on Cancer, Middle East Panel, Economist
Redesigning health systems to improve cancer outcomes

<https://events.economist.com/events-conferences/emea/war-on-cancer-middle-east#agenda>

Health Economics Expert
May 1, 2018

Accepted/Submitted Presentations

ARM

Economic Analysis of a SUD Prevention Efficacy Study: The Trust-based Relational Intervention for Youths Involved in the Legal System
Diana Bowser and Kathryn McCollister

Presentation Accepted to Addiction Health Services Research
October 19, 2023

The economic impact of respiratory syncytial virus (RSV) in infants in the United States: systematic literature review

Diana Bowser, Donald Shepard, Arturo Harker Roa
Abstract Accepted to Health System Research Symposium
Dubai, November 9, 2020

The economic impact of respiratory syncytial virus (RSV) in infants in the United States: systematic literature review

Diana Bowser, Donald Shepard, Katie Rowlands, Elizabeth Glaser, Raissa Gervasio
Abstract Accepted to Infectious Disease Week
Philadelphia, PA, October 21-25, 2020

Clinician Variation in Prescribing of Opioids is Substantial in MHS Emergency Departments

Patrick Richard, Mark R. Bauer, Natalie Moresco, Diana Bowser, Regine Walker, and Mary Jo Larson
Abstract Accepted to Military Health System Research Symposium 2020

Cost analysis in implementation studies of evidence-based practices in behavioral healthcare: a systematic review

Diana Bowser, Brandy Henry, Kathryn McCollister
Abstract Accepted to European Health Economics Association (EuHEA)
Oslo, Norway, July 7-10, 2020

Financing, Workforce, and Clinical Care to Improve Social Support Integration

Tufts CTSI Health Equity Research: Fall 2018 Symposium Plus
Tufts Medical Center, Boston, MA, October 10, 2018

Cost effectiveness of mHealth for antenatal care in 10 Nigerian health facilities

4th Annual International Conference on Family Planning
Nusa Dua, Indonesia, November 9-12, 2015

Pay for Performance in the Belize Health Reform

Association for Public Policy Analysis and Management (APPAM) Fall Research Conference
Baltimore, MD, November 8-10, 2012

Disrespect and Abuse in Facility-Based Childbirth

The Gender-based Violence Task Force of the Interagency Gender Working Group (IGWG)
The National Press Club, Washington, DC, May 10, 2012

Guatemala: The economic burden of illness and health system implications

Bowser, Diana and Ajay Mahal; Paper presented at the International Conference on Behavior Medicine Annual Meeting August 2010

The Effect of Life Expectancy on Economic Growth in the United States

Bowser, Diana; Poster presented at the Population Association of America Annual Meeting April 2010

Cause Specific Mortality and Income in the United States and the Mississippi River Delta Region

Bowser, Diana; Paper presented at the Population Association of America Annual Meeting April 2010

A Preston Analysis of the Income-Health Nexus in the Mississippi River Delta Region

Bowser, Diana; Paper presented at the Southern Demographic Association Annual Meeting November 2008

Tobacco Industry Targeting in the Mississippi River Delta Region

Bowser, Diana, Carrie Carpenter, Geoff Wayne Ferris, and Greg Connolly; Paper presented at the APHA Annual Meeting November 2006

Master's Thesis: Malnutrition and Health Policy in Rural El Salvador

Monthly Latino Health Seminar at Yale University School of Public Health, May 1999

DOCTORAL DISSERTATION COMMITTEES

Chair, Agarwal-Harding Heller School	June 2022	<i>Evaluating the impact of US immigration policy contexts on immigrant health</i>
Member, Fernanda Escobar Heller School	January 2022	<i>International Migration Patterns of Unaccompanied Minors to the US</i>
Member, Kumba Sennar Heller School	January 2022	<i>Algorithmic Bias and Maternal Health</i>
Member, Thuong Nong Heller School	January 2022	<i>Evaluation of Take-home program for Methadone Maintenance in Vietnam</i>
Member, Yiqun Luan Heller School	January 2021	<i>Foreign Aid Effect on Early Childhood Nutrition and Early Learning in Low and Middle Income Countries</i>
Member, Marion Cros Heller School	February 2019	<i>Difference in utilization of services between the public versus private sector in Haiti</i>
Member, Adeyemi Okunogbe Pardee RAND Graduate School	December 2018	<i>Three Essays on Health Financing in Sub Saharan Africa</i>
Member, Naeem Saleem Heller School	May 2018	<i>The impact of Conditional Cash Transfer Program on Maternal Health in Pakistan</i>
Chair, Ihom Akhobirshoev Heller School	May 2015	<i>The Impact of Parental Health Insurance on Health Outcomes and Health Care Utilization for Insured Children</i>
Chair, Yasmin Abbas Heller School	May 2016	<i>Access to Medicine between the Insured and Uninsured Hypertensive Patients in Egypt</i>

MASTER'S LEVEL ADVISING

Advisor 10 Masters Level Students Annually 2013-Present *Health System Topics*

TEACHING

Boston College

Research Design and Methods I, 2023-Present

Empirical Health Economics, 2020-Present

The Heller School for Social Policy and Management, Brandeis University

Economics for Managers, MDMBA Course, 2020-Present

International Health Economics, Masters Course, 2019-Present

Introduction to Microeconomics in Global Health, Masters Course, 2019-Present

Research Methods, Masters Course, 2016-Present

International Health Systems, Masters & Undergrad Course, 2012-Present

Frameworks for Development, Masters & Undergrad Course, 2012-2013

Seminar in Global Health and Development, Doctoral Course, 2012-2015

The Harvard T.H. Chan School of Public Health, Executive Training Course Director

Making Decentralization Work: Tools for Health Policy Makers and Managers (2 week course)
Strengthening Human Resources for Health (2 week course)
Improving the Quality of Health Services (2 week course)
Health Care in the 21st Century: Workshop for Latin American Health Care Executives (1 week)
Health Care Management and Digital Transformation: Emerging Health Technology (1 week)
Health Care in the 21st Century: Workshop for Andres Bello University, Chile (1 week)

The Harvard T.H. Chan School of Public Health

Harvard School of Public Health Executive Course on Decentralization, 2000-Present
Harvard School of Public Health Executive Course on Human Resources, 2000-Present

SERVICE OUTSIDE

Review for Associate Professor Promotion (Johns Hopkins School of Nursing)

SERVICE TO BOSTON COLLEGE

Faculty Hiring Committee, Schiller Institute, 2023-Present
Abstract Reviewer, BC Graduate Research Symposium

SERVICE TO BRANDEIS UNIVERSITY

Research Steering Committee, 2018-2023
PhD in Social Policy Committee, 2020-2023
Schneider Institutes, Collaboration Committee, 2019-2023
Schneider Institutes, Administrative Management Committee, 2019- 2023
Global Health Faculty Search Committee, 2019- 2020
IBH Strategic Planning Committee Member, 2019-2023
Heller School Faculty Search Committee, 2018-2019
Master of Science in Global Health Policy and Management Committee, 2013-2023
Heller Re-appointment Panel, 2020
Diversity, Equity, and Inclusion Steering Committee, 2015-2018
Educational Steering Committee, 2013-2018
Sillerman Center Study Committee, 2014-2015
Diversity Committee, Research and Scorecard Sub-Group, 2013-2015
Senior Steering Committee, Schneider Institute, 2014-2015
PhD Program Committee, 2012-2015

CONSULTING EXPERIENCE

Pharos Global Health Advisors, HIV, TB, Malaria Integration and Efficiency, Haiti, 2019-2020
World Health Organization, Health Systems and Finance, Geneva, 2016, 2018
University Research Corporation, TRAction Project, Washington, DC, 2012
Inter American Development Bank, Assessment of Pay for Performance, Belize, 2011-2012
WHO-Ukraine, TB Health System Assessment, Ukraine, 2010
The Global Fund for HIV/AIDS, TB and Malaria, Consultant, Ukraine and Honduras, 2010-2014

Social Science Research Center, Mississippi State University, Consultant, Starkville, MS, 2007-2014
Tobacco Research Group, Harvard School of Public Health, Consultant, Boston, MA, 2005
Commonwealth Fund, Consultant, Boston, MA, 2004-2005
Maine Center for Public Health/American Cancer Society, Consultant, Boston, MA, 2004

EXTERNAL FUNDING

Current Research Support

Bowser (Co-I) 7/1/24 – 6/30/25
CDC QARI
Expansion, Partnership, Focused, Tailoring and connecting SDOH to support DSMES and DPP among priority populations.
Goal: To estimate the start up and implementation costs for DPP for priority populations.
Role: PI \$99,938

Bowser (Co-I) 3/1/24 – 12/31/24
NIMH
Expanding the Reach of Evidenced Based Mental Health Treatment: Diffusion and Spillover of Mental Health Benefits among Peer Networks and Caregivers of Youth Facing Compounded Adversity in Sierra Leone.
Goal: To estimate the return on investment in mental health programming for youth.
Role: PI \$79,551

Bowser (PI) 4/1/23 – 12/31/24
Elrha/R2HC
Health System Strengthening to Reduce Morbidity and Mortality for Women and Children Venezuelan Migrants in Colombia
Goal: To understand how access to health insurance and healthcare services impacts morbidity and mortality for Venezuelan migrant women living in Colombia.
Role: PI \$520,000

Bowser (PI) 6/1/20 – 5/30/25
NIDA
Preventing Opioid Use among Justice-involved Youth as They Transition to Adulthood: Leveraging Safe Adults (LeSA)
Goal: To estimate the implementation costs and cost-effectiveness of TBRI support options relative to standard reentry practices in achieving lower rates of opioid initiation and reductions in healthcare and criminal justice system costs
Role: PI \$331,816

Completed Research Support

Principal Investigator, *MassHEAL-Reducing Overdose Deaths by 40%*, NIDA. \$218,000; 2019-2024

Co-Investigator, *Costing of Respiratory Syncytial Virus*, Sanofi Pharmaceuticals; 2019-2021

Co-Investigator, *Forced Migration and Health*, Columbia University/World Bank; 2020-2021

Principal Investigator, *Racial Justice Tech Policy Project*, Kapoor Foundation. \$25,000; 2021-2022

Principal Investigator, *Strengthening the Humanitarian Response to COVID-19 in Colombia*, Elrha. \$364,425; 2020-2021

Principal Investigator, *Organizational and Environmental Factors Influencing the Implementation of*

Evidence-Based Practices in Juvenile Justice Settings, NIDA/University of Miami. \$171,000; 2017-2020

Investigator, *Estimating overlap in Centers for Medicare and Medicaid Alternative Payment Models*, CMS/MITRE/RTI, 2019-2020

Principal Investigator, *Access to Eye Care in the Gambia*, OneSight Corporation. \$103,754; 2018-2019

Principal Investigator, *Return on Investment Analysis of Health Extension Workers in Ethiopia*, USAID/URC. \$136,924; 2018-2019

Principal Investigator, *Health Facility Efficiency in Haiti*, World Bank. \$50,000; 2018

Principal Investigator, *Business Plan for Cardiovascular Care in Rwanda*. Team Heart. \$10,000; 2016-2017

Principal Investigator, *Health Data Analysis in Ethiopia*. Harvard T.H. Chan School of Public Health. \$24,030; 2016-2017.

Principal Investigator, *Health System Strengthening for Oncology Care in six MENA countries*. Harvard T.H. Chan School of Public Health. \$90,000; 2016-2017.

Principal Investigator, *Malaysia Health Sector Reform*. Harvard T.H. Chan School of Public Health. \$42,000; 2015-2016.

Principal Investigator, *KIIDS: Knowing about intervention implementation in Detention Sites*. National Institute on Drug Abuse. \$87,000; 2015-2016. Co-Principal Investigator: Kathryn McCollister, University of Miami.

Principal Investigator, *Financing of Cardiovascular Care in Rwanda*. Team Heart. \$10,000; 2015

Principal Investigator, *Maternal and Child Health Sustainable Technical Assistance & Research, Bangladesh*. United States Aid for International Development. \$197,000, 2012-2017.

Principal Investigator, *Juvenile Justice—Translational Research on Interventions for Adolescents in the Legal System (JJTRIALS)*. National Institute on Drug Abuse-Mississippi State University. \$88,823, 2013-2015.

Principal Investigator, *Assessing the Determinants to ED use by Medicaid Beneficiaries*. Mississippi Medicaid-Mississippi State University. \$79,003, 2014-2015.