

TERESA CHAHINE

ACADEMIC HISTORY

Sheila and Ron '92 B.A. Marcelo Senior Lecturer in Social Entrepreneurship, Yale School of Management, June 2020 – present

Sheila and Ron '92 B.A. Marcelo Lecturer in Social Entrepreneurship, Yale School of Management, July 2018 – June 2020

Research Associate and Instructor, Harvard T.H. Chan School of Public Health, Jan 2012 – June 2018

Postdoctoral Research Fellow, Harvard School of Public Health, Oct 2010 – Dec 2011

Honorary Legatum Fellow, Massachusetts Institute of Technology, Sept 2010 – May 2011

Teaching Fellow, Harvard University, Mar 2007- May 2011

Research Assistant, American University of Beirut, Sept 2004 – Jul 2005

PROFESSIONAL HISTORY

Innovation and Outreach Advisor, Alfanar venture philanthropy, Jan 2017 – Sept 2017

Founding Director, Alfanar Lebanon, 2012 – Aug 2016

Director of Strategy and Planning, Health Systems Reform and Systems Reform Group, Aug 2011 – Mar 2013

Consultant, Kid Risk Inc., Jan 2011 – May 2011

Consultant, Environmental Health and Engineering, Inc., Oct 2010 – Dec 2011

Research Contractor, U.S. Environmental Protection Agency (USEPA), Sept 2007 – Sept 2010

Youth Program Coordinator, United Nations Population Fund (UNFPA), Jul 2003 – May 2005

EDUCATION

ScD, Harvard School of Public Health, 2010

Dissertation: Modeling Variability in Environmental Exposures and Health Risks for Community-based Risk Assessment

Certificate: Interdisciplinary Concentration in Women, Gender, and Health

MSc, University College London, 2002

Prenatal Genetics and Fetal Medicine. Thesis: Genetic Epidemiology of Behavioral Disorders in Children

BS, American University of Beirut, 2000

Department of Biology

PUBLICATIONS

Books

Social Entrepreneurship: Building Impact Step by Step. Routledge, Dec 2022

Introduction to Social Entrepreneurship Taylor and Francis, CRC Press. May 2016

Book Chapters

Chahine, T., Fomina, J. (2019) Social Entrepreneurship Factors of Success and Failure in the Omsk Region of Russia In: Responsible People: the Role of the Individual in CSR, Entrepreneurship and Management Education. Palgrave

Chahine, T., Mowafi, M. (2015) Bridging the gap between commerce and charity. In: Social Entrepreneurship in the Middle East, Volume 2. Palgrave Macmillan.

Peer-Reviewed Journal Articles

Litwan, K., Lara-Mejía, V., Chahine, T., Hernández-Cordero, S., Vilar-Compte, M., Perez-Escamilla, R. (2023) An Analysis of Actors Participating in the Design and Implementation of Workplace Breastfeeding Interventions in Mexico Using the NetMap Analysis Approach. *Frontiers in Public Health, Section Public Health Policy* (Under Review)

Huang, T., Ciari, A., Costa, S., Chahine, T. (2022) Advancing Public Health Entrepreneurship to Foster Innovation and Impact. *Frontiers in Public Health, Section Public Health and Nutrition* (10)
<https://doi.org/10.3389/fpubh.2022.923764>

Chahine, T. (2021) Toward an Understanding of Public Health Entrepreneurship and Intrapreneurship. *Frontiers in Public Health*. Vol 9. DOI=10.3389/fpubh.2021.593553

Lokman, L., Chahine, T. (2021) Business models for primary health care delivery in low- and middle-income countries: a scoping study of nine social entrepreneurs. *BMC Health Services Research*. 21: 211.
<https://doi.org/10.1186/s12913-021-06225-6>

Christie, S., Chahine, T. Curry, L., Cherlin, E., Linnander, E. (2021) The Evolution of Trust Within a Global Health Partnership With the Private Sector: An Inductive Framework. *International Journal of Health Policy and Management*. doi 10.34172/ijhpm.2021.14

Glenn, J., Kamara, K., Umar, Z. A., Chahine, T., Daulaire, N., & Bossert, T. (2020) Applied systems thinking: a viable approach to identify leverage points for accelerating progress towards ending neglected tropical diseases. *Health Research Policy and Systems*, 18(1), 1-15.

Becker, E., Chahine, T., Shegog, R. (2019) Public Health Entrepreneurship: A Novel Path for Training Future Public Health Professionals. *Frontiers in Public Health*. doi.org/10.3389/fpubh.2019.00089

Purcell, W., Chahine, T. (2019) Leadership and Governance Frameworks Driving Transformational Change in an Entrepreneurial UK University. *Leadership & Organization Development Journal*.
<https://doi.org/10.1108/LODJ-07-2018-0280>

Song, T., Cai, J., Chahine, T. (2017) Towards smart cities by Internet of Things (IoT) – a Silent Revolution in China. *Journal of the Knowledge Economy*. DOI 10.1007/s13132-017-0493-x

Yang, Z., Song, T., Chahine, T. (2016) Spatial representations and policy implications of industrial co-agglomerations, a case study of Beijing. *Habitat International*. doi:10.1016/j.habitatint.2016.02.007

Asemota, J., Chahine, T. (2016) Social Franchising: A review of resources and best practices. *International Journal of Voluntary and Nonprofit Organizations*. doi:10.1007/s11266-016-9763-7

Chahine, T., Farhat, Z. (2014) Financing Social Entrepreneurship in the Arab world: the case of Lebanon. *International Journal of Social Entrepreneurship and Innovation* 3(2), 150-161.

Song, T., Cai, J., Chahine, T., Xu, H., Niu, F. (2013) Modeling urban metabolism of Beijing city, China: with a coupled system dynamics – emergy model. *Stochastic Environmental Research and Risk Assessment*, December 2013. doi: 10.1007/s00477-013-0830-y

Song, T., Cai, J., Chahine, T., Deng, Y. (2013) Urban Metabolism Model based on the Emergy Theory – A Case Study of 31 Chinese Cities. *Journal of food, agriculture, & environment (SCIE)* Vol. 11 (3&4)

El-Nawawi, N., Chahine, T., Al-Duajj, N., Hamandi, A., Bean, B. (2012) Emerging Trends in Middle Eastern Health policy. *Harvard Journal of Middle Eastern Politics and Policy* Inaugural Issue: Spring 2012

Chahine, T., Schultz, B., Zartarian, V., Xue, J., Subramanian, S.V., Levy, J.I. (2011) Modeling Joint Exposures and Health Outcomes for Cumulative Risk Assessment: The Case of Radon and Smoking. *International Journal of Environmental Research and Public Health* 8 (9), 3688-3711 | doi:10.3390/ijerph8093688

Chahine, T., Subramanian, S.V., Levy, J.I. (2011) Sociodemographic And Geographic Variability In Smoking In The U.S.: A Multilevel Analysis Of The 2006 – 2007 Current Population Survey, Tobacco Use Supplement. *Social Science in Medicine* | doi:10.1016/j.socscimed.2011.06.032

Chahine, T., Schultz, B., Zartarian, V., Subramanian, S.V., Spengler, J., Hammitt, J.K., Levy, J.I. (2010) Modeling geographic and demographic variability in residential concentrations of environmental tobacco smoke using national datasets. *Journal of Exposure Science and Environmental Epidemiology* |doi: 10.1038/jes.2011.12

Adamkiewicz, G., Zota, A., Fabian, P., Chahine, T., Julien, R., Spengler, J.D., Levy, J.I. (2010) Moving environmental justice indoors: understanding structural influences on residential exposure patterns in low-income communities. *American Journal of Public Health*. 101 Suppl 1:S238-45 | doi: 10.2105/AJPH.2011.300119

Hammond D., Conlon K., Barzyk T., Chahine T., Zartarian V., Schultz B. (2010) Application of National Databases and Mapping Tools at the Local Level: Two Community Case Studies. *Risk Analysis* | DOI: 10.1111/j.1539-6924.2010.01527.x

Barzyk, T.M., Conlon, K.C., Zartarian, V., Chahine, T., Hammond, D., Medina-Vera, M., Schultz, B. (2009) Tools available to communities for conducting cumulative exposure and risk assessments. *Journal of Exposure Science and Environmental Epidemiology* | doi:10.1038/jes.2009.25

Chahine, T., Baccarelli, A., Litonjua, A., Wright, R., Suh, H., Gold, D., Sparrow, D., Vokonas, P., Schwartz, J. (2006) Particulate Air Pollution, Oxidative Stress Genes, and Heart Rate Variability in an Elderly Cohort. *Environmental Health Perspectives* 115 (11): 1617-1622.

Outward-facing Journal Articles

Chahine, T (2023) The Social Entrepreneur's Tool Kit for Making a Difference. *Yale Insights*. January 20, 2023. Available: <https://insights.som.yale.edu/insights/the-social-entrepreneurs-tool-kit-for-making-difference>

Chahine, T (2022) The Key to Trust in Public Private Partnerships. *Yale Insights*. February 22, 2022. Available: <https://insights.som.yale.edu/insights/the-keys-to-trust-in-public-private-partnerships>

Chahine, T (2021) Can Social Entrepreneurship Complement Health Systems? *Yale Insights*. August 11, 2021. Available: <https://insights.som.yale.edu/insights/can-social-entrepreneurship-complement-public-health-systems>

Bremby, R., Chahine, T., (2021) Bringing Private-Sector Values to the Public Sector—and Vice Versa. *Yale Insights*. May 20, 2021. Available: <https://insights.som.yale.edu/insights/bringing-private-sector-values-to-the-public-sector-and-vice-versa>

Chahine, T. How Systems Thinking Can Help Stop Neglected Tropical Diseases. *Yale Insights*. January 11, 2021. Available: <https://insights.som.yale.edu/insights/how-systems-thinking-can-help-stop-neglected-tropical-diseases>

Chahine, T. (2020) How You Can Invest in Racial Justice. *Yale Insights*. July 01, 2020. Available: <https://insights.som.yale.edu/insights/how-you-can-invest-in-racial-justice>

Chahine, T. (2020) Don't Stop Investing in Philanthropic Goals. *Yale Insights*. April 08, 2020. Available: <https://insights.som.yale.edu/insights/don-t-stop-investing-in-philanthropic-goals>

Grom, E., Chahine, T. (2017) Applying social enterprise to refugee settings. *Stanford Social Innovation Review*. September 27, 2017. Available: https://ssir.org/articles/entry/applying_social_enterprise_to_refugee_settings

Chahine, T. (2016) The New Bottom Line *Stanford Social Innovation Review*. December 23, 2016. Available: https://ssir.org/articles/entry/the_new_double_bottom_line

Seidman, G., Chahine, T. (2015) Using social incubation to drive local innovation. *Stanford Social Innovation Review*. July 14, 2015. Available: http://ssir.org/articles/entry/using_social_incubation_to_drive_local_innovation

Atalla, M., Chahine, T. (2015) The beginnings of venture philanthropy in the Arab World. *Alliance*, March 2015, Available: <http://www.alliancemagazine.org/article/the-beginnings-of-venture-philanthropy-in-the-arab-world/>

Chahine, T. (2012) Pushing MOOCs the Last Mile. *Stanford Social Innovation Review Blog*. Available: http://www.ssireview.org/blog/entry/pushing_moocs_the_last_mile

PRESENTATIONS

Conferences

Lokman, L., Chahine, T. Strengthening public health systems through social entrepreneurship. American Public Health Association Annual Conference, Boulder CO, Oct 21, 2021

Chahine, T., Lokman, L. Social Enterprise in Primary Care. American Public Health Association Annual Conference, Philadelphia PA, Nov 6, 2019

Chahine, T., Williams, M. Public Health Entrepreneurship and Intrapreneurship. American Public Health Association Annual Conference, Philadelphia PA, Nov 5, 2019

Purcell, W., Spengler, J., Chahine, T. Universities Engagement Driving Delivery of the Sustainable Development Goals: Social Enterprise. International Conference on Sustainable Development, Columbia University, NY, NY Sept 24-25, 2019

Becker, E., Chahine, T., Shegog, R. Public Health Entrepreneurship: A Novel Path for Training Future Public Health Professionals. Unite for Sight Global Health and Innovation Conference, New Haven CT, April 13-14, 2019

Linnander, E. Christie, S., Chahine, T., Cherlin, E., Curry, L. Trust in global health partnerships: lessons from Project Last Mile. The 10th Annual CUGH Conference, Chicago IL, Mar 8-10, 2019

Sleiman, T., Chahine, T. Rethinking Design: Responsible Production Processes for Sustainable Consumption in the United Arab Emirates. Public Policy Forum 2019, Dubai, UAE. January 28, 2019

Chahine, T., Lokman, L. Is social enterprise a viable model for delivering primary health care in low resource settings? 15th Annual Social Entrepreneurship Conference, USC, Los Angeles, CA, Nov 2-3, 2018

Chahine, T., Grom, E. Social Entrepreneurship in a Refugee Setting. 14th Annual Social Entrepreneurship Conference, Northeastern University, Boston MA, Nov 2-4, 2017

Purcell, W., Sharp, L., Chahine, T. New governance models for entrepreneurial universities: a conceptual framework. University Industry Innovation Network Asia-Pacific Conference, Adelaide, Australia Feb 15-17, 2017

Chahine, T. Sociodemographic and geographic variability in environmental exposures and health risks: Implications for community-based public health. 3rd International Conference on Epidemiology and Public Health. Valencia, Spain, August 4-6, 2015

Chahine, T. Social entrepreneurship around the world. Green Tech Forum. Malaga, Spain, May 7-8, 2015.

Chahine, T. Social entrepreneurship in health and the environment. Net Impact Workshop, American University of Beirut, Olayan School of Business. April 22, 2015

Chahine, T., Seidman, G. Leadership for Positive Impact: Social Entrepreneurship in Education. 4th Annual CSR Lebanon Forum. Beirut, Lebanon December 8-9, 2015.

Chahine, T., Ahmed, S., Kik, N. Scaling impact: the added value of collaboration among social entrepreneurs working on women's empowerment. 3rd Global Conference on Public Policy and Administration in the Middle East. American University of Beirut, Lebanon, December 5-6, 2015

Chahine, T. Sustainability in Education. HELP University Annual Convocation: The Innovative University. Kuala Lumpur, Malaysia, April 21-22, 2012.

Chahine, T., Mowafi, M. Social Entrepreneurship in Egypt and Lebanon: Needs and Opportunities. American University of Cairo Research Conference, Entrepreneurship and Innovation: Shaping the Future of Egypt. Cairo, Egypt, April 17-19, 2012.

Chahine T. Citizens Environmental Restoration Bank. Unite for Sight Global Health and Innovation Conference, Pitch for Change, New Haven, CT., April 2010

Chahine T. A rights-based approach to mitigating environmental degradation and health effects from cement factories and quarries in Chekka, Lebanon. Adaptation and Innovation: Leading Change in the Middle East. Harvard University, Boston, MA. November 2009

Hammond D, Barzyk T, Conlon K, Chahine T, Zartarian V, Schultz B. Advancing the Science of Cumulative Risk Assessment: Alignment of ORD Research with Agency Needs. EPA Region 5, July 2009

Chahine T, Subramanian SV, Xue J, Zartarian V, Schultz B, Levy JI. Modeling the Spatial and Demographic Distribution of Human Exposure and Risk from Residential radon in the United States. Society for Risk Analysis Annual Meeting. Baltimore, MD, December 2009

Chahine TC, Levy JI. Modeling Variability in Environmental Tobacco Smoke Exposure and Health Risk at fine spatial resolution. Society for Risk Analysis Annual Meeting. Boston, MA. December 2008

Barzyk TM, Conlon KC, Chahine T, Zartarian V, Schultz B, Hammond D (October 2008). "Summary of EPA Programs and Exposure Tools Relevant to Community-Based Cumulative Risk and Exposure Assessments." Joint Annual Conference of the International Society for Environmental Epidemiology and the International Society of Exposure Analysis. Pasadena, CA.

Panels

Empowering Change: Making an Impact through Social Entrepreneurship. U.S. Embassy @America Center, Jakarta, Indonesia Feb 17, 2023

Teaching Systems Change, Skoll Centre for Social Entrepreneurship Systems Week, Oxford Said School of Business, Oxford, UK, June 8, 2021

Lebanon at a Crossroads, MacMillan Council for Middle East Studies, Yale University, October 15, 2020

Innovations and Business Models for Social Enterprises. Centre for Social Innovation, NY, NY, May 22, 2018

Shaping the Social Enterprise Space. Harvard Arab Weekend, Cambridge MA. Nov 13, 2016

Innovative Solutions for the Refugee Crisis. Columbia Business School, New York, NY. Oct 28, 2016

Harvard Business School SECON, Cambridge, MA. March 5-6, 2016

Teaching and Learning in the Context of Uncertainty. American University of Beirut Faculty of Health Sciences 60th Anniversary Scientific Conference. Beirut, Lebanon, December 5-6, 2015

Social Entrepreneurship: Learning through Failing. Emirates Foundation Youth Philanthropy Summit, Abu Dhabi UAE, November 3, 2014.

Funding social entrepreneurs serving children and youth. Global Fund for Children fundraising workshop, Beirut, Lebanon, June 23, 2014.

Finance with a mission: impact investing and venture philanthropy. Igniting Innovation Summit, Harvard Social Impact Collaborative, Cambridge, MA, November 9, 2013.

Invited Lectures

Public Health Entrepreneurship, Jackson Institute of Global Affairs, Global Health Studies. April 1, 2022

How to Change the Status Quo. University of Texas School of Public Health. March 10, 2022

Collective Impact, Partnerships, and Collaboration across sectors. Impact Indonesia, April 8, 2021

Social Entrepreneurship Pathways, Cedarville University, February 21, 2022

Social Entrepreneurship Needs & Opportunities. International Senior Lawyers Project, December 4, 2020

Navigating Uncertainty and Courage to Act. Amani Institute, October 12, 2020

Characterizing your challenge and understanding community needs. City University of New York, Firefly Accelerator, June 4, 2020

Social Entrepreneurship and Public Health. University of Arkansas, Little Rock, AR March 12, 2019

Social Enterprise in Refugee Settings. Boston College, May 1, 2018

From Science to Social Entrepreneurship, CUNY School of Public Health, New York, NY May 22, 2018

From Science to Social Entrepreneurship Claffin College, SC April 19, 2018

Social Enterprise and Investing: Examples from the Arab World. Claffin College, SC April 18, 2018

Introduction to Social Entrepreneurship, Wabash College, Crawfordsville, Indiana October 18, 2017

Social Entrepreneurship in Global Health, Butler University, Indianapolis, Indiana, October 18, 2017

Measuring and Maximizing Social Impact, AltCity Elevate accelerator, Beirut, Lebanon, July 29, 2017

Social Entrepreneurship Around the World. American University of Beirut, Beirut Lebanon, June 8, 2017

Understanding Social Entrepreneurship, Harvard Alumni Entrepreneurs Network, Cambridge, MA, April 14, 2017

Social Entrepreneurship & Peace, Kroc School of Peace Studies, University of San Diego, CA, March 11, 2017

Social Entrepreneurship and Women, Harvard Alumni Network for Women, Cambridge, MA, March 8, 2017

Social Entrepreneurship in Lebanon, MakeSense SenseCamp, Beirut, Lebanon, January 20 & 21, 2017

Introduction to Social Entrepreneurship, LAUNCH Summit, Beirut Lebanon, Sept 22, 2016

Introduction to Social Entrepreneurship, BRAC University, Dhaka Bangladesh, Sept 25, 2016

Introduction to Social Entrepreneurship, Belmont University, Nashville TN, March 14, 2016

Roadmap to 2017: Creating a Center of Excellence for Public Health Education, Kazakh National Medical University, School of Public Health, Almaty, Kazakhstan, March 15, 2013.

COMMITTEES AND JURIES

Council for Anti-Racism and Equity, Yale School of Management (Fall 2022 – present)

PhD Committee, Yale School of Public Health (Spring 2022- present)

Head of College Re-appointment Committee, Yale University (Spring 2021)

Selection Committee member for Startup Yale, Thorne Prize (Spring 2020)

Steering Committee for Innovate Health Yale (Spring 2019 – present)

Steering committee for Sustainable Health Initiative at Yale School of Public Health (Spring 2019 – present)

Jury member for Map the System contest at Yale University Tsai CITY (Spring 2019)

Selection committee for Lebanon Social Enterprise Association (March 2018 – August 2019)

Admissions committee member for DrPH Program, Harvard T.H. Chan School of Public Health (Spring 2018)
Committee member for DrPH Program, Harvard T.H. Chan School of Public Health (Summer 2017 – Fall 2019)
Committee chair for DrPH Program, Harvard T.H. Chan School of Public Health (Fall 2017 – Spring 2018)
Jury member for MIT Enterprise Forum Pan Arabia 'Grow My Business' contest (Summer 2017)
Committee member for Harvard T.H. Chan School of Public Health student travel awards (Spring 2016–2017)
Jury member for Harvard T.H. Chan School of Public Health Case Competition (Spring 2016)
Jury member for Ruwaad Al Tanmiya and Action Aid Social Entrepreneurship in North Lebanon (Fall 2015)
Reviewer for National Collegiate Inventors and Innovators Alliance NCIIA E-Team program (Spring 2014)
Jury member for Nabad Social Enterprise Incubator Contest (Fall 2013)
Thesis Committee, American University of Beirut, Olayan School of Business (Spring 2013 – Fall 2014)
Thesis Director, Harvard University Extension School (Spring 2011 – Spring 2012)
Reviewer for MIT IDEAS / Global Challenge Competition (Spring 2011)
Reviewer for American Journal of Public Health; Society for Risk Analysis; Environmental Research; Journal for Human and Ecological Risk Assessment; Health Policy and Planning; Eastern Mediterranean Health Journal (2010-present)

MENTORING AND COACHING

Mentor, Kroc School of Peace Studies, University of San Diego, Spring 2021
Entrepreneur in Residence, Harvard Innovation Labs (2017-2018)
Innovation Advisor for SolutionsU (Fall 2017)
Mentor, UNICEF Lebanon AltCity Elevate Accelerator (Summer 2017)
Mentor, MakeSense Bootcamp in Lebanon (Spring 2017)
Career Advisory Board, PCDNetwork.org (Spring 2017 – Spring 2018)
Advisor, Harvard iLab President's Challenge and Deans' Challenge (2016-2017)
Faculty Advisor, Harvard T.H. Chan School of Public Health Middle East and North Africa (MENA) Student Group (Sept 2015-present)
Faculty Advisor, Harvard T.H. Chan School of Public Health Social Entrepreneurs Student Community (Jan 2015 - May 2016)
Coach, MIT-Enterprise Forum Pan Arabia (Spring 2015)
Coach, Bader Lebanon Youth Entrepreneurs Program (Summer 2014)
Mentor, Harvard i-Lab Global Health Summer Residency program (Summer 2014)

BOARD MEMBERSHIPS

Technical Advisory Board, Collab New Haven, Spring 2021—present
Advisory Committee, ConnCORP Lab, New Haven CT, Spring 2021 – present
Investment Advisory Committee, Wm. Caspar Graustein Memorial Fund, Spring 2021 – present
Advisory board, Firely Accelerator, City University of New York, School of Public Health, 2019 – present
Board of trustees, Nawaya NGO, Lebanon (nawaya.org), 2014-2019
Board of trustees, Emergency Department Operations Study Group, U.S. 501c3 non-profit, 2013-2015
Advisory board, Y-Labs, U.S. 501c3 non-profit (y-labs.org), 2014-2016
Advisory board, KamKalima (kamkalima.com), 2014-2016
Advisory board, Ecoemprende (ecoemprende.com), 2015-2016

AWARDS

Fulbright Specialist Program travel grant, U.S. State Department (2022)

Yale School of Management Alumni Relations Faculty Award for Outstanding Alumni Engagement (2020)

Yale Center for Clinical Investigation, Innovate Health Partnership, Research Award (2019)

Harvard T.H. Chan School of Public Health Alumni Association, Emerging Leader in Public Health (2017)

Harvard Humanitarian Initiative, Elisabeth B. Weintz Humanitarian Award faculty fellowship grant (2016)

Harvard T.H. Chan School of Public Health, Transforming Learning Spaces teaching and learning grant (2016)

OTHER

Podcast: Impact & Innovation <https://som.yale.edu/impactinnovation>

Website: www.socialentrepreneurshipbook.com

Coursera: Social Entrepreneurship MOOC Launching Spring 2023