

PROFESSIONAL EXPERIENCE

DIRECTOR | LINKSBRIDGE SPC | APRIL 2013 – SEPTEMBER 2021

Collaborative leader with more than a decade of experience building data-driven products that help solve the world's hardest problems. Empathetic relationship builder able to translate the needs of complex customer challenges into useful and usable products. Built and led the infectious disease analytics portfolio of a social impact consulting firm that serves leading global health organizations.

Select Client Portfolio:

Bill And Melinda Gates Foundation | April 2013 – September 2021

- Led the creation, development and launch of the TB Patient Pathway Analysis (PPA), an analytical approach and tool for national TB programs to evaluate the alignment of services with end-user preferences; PPA has been used by 10 national governments to inform strategy development
- Developed and maintained trusted partnerships with senior leadership across the Gates Foundation, including polio, TB, neglected tropical diseases (NTDs) and integrated development teams
- Launched polio analytics platform to support disease eradication efforts in Pakistan and Afghanistan, gained more than 150 users in four core global polio partners within the first six months of launch
- Developed analytical model for prioritization of investments in NTDs, used to inform new data collection priorities
- Led the development of TB drugs market almanac, bringing together data on pricing, supply and demand for TB drugs in a comprehensive look at the global market
- Built throughput analytical model to identify efficiency bottlenecks in mosquito production technology, used to inform investments in cost-reduction and scalability of technology
- Developed an analytical model to estimate the potential economic return of introducing new adherence technologies for TB treatment in China, India and South Africa

KNCV Tuberculosis Foundation | September 2019 - Present

- Developed and launched analytics platform and training materials for People-Centered Framework for TB Planning

World Health Organization | September 2017 – January 2018

- Conducted patient pathway analysis for Ghanaian national TB program as part of WHO epidemiological review process, leading to adjustments in patient-centered case-finding activities and private sector provider engagement

Virginia Commonwealth University | December 2015 – June 2016

- Co-wrote business model for Medicines for All Institute (M4ALL) at VCU, which included research on HIV, TB and Malaria drugs markets and the impact of drug cost reduction on health budgets; business model led to a 5-year grant for \$25M awarded to the M4ALL Institute

FINANCIAL ANALYST | AMAZON (RYLEM LLC) | JAN 2013 – MAR 2013

FINANCIAL COMPENSATION ANALYST | MICROSOFT (ACT ONE) | JAN 2012 – DEC 2013

RESEARCH ANALYST | MINNESOTA HOUSE OF REPRESENTATIVES | JAN 2010 – MAY 2011

EDUCATION

Master of Public Policy, Global Development | University of Minnesota | Sep 2009 – May 2011

- Capstone 1 | Somali Justice Advocacy Center
 - Developed and launched first ever [Somali-American focused interactive data center](#), which hosted 9 socioeconomic indicators (#9 report in publications section below)
- Capstone 2 | Clinton Global Initiative: Rethinking Waste Network
 - Built user-friendly social cost-benefit analysis tool to support informal waste sector activities of Cairo, Egypt based NGO (#10 report in publications section below)

Bachelor of Arts, Economics and International Studies | University of Wisconsin | Sep 2005 – May 2009

ADDITIONAL TRAINING

Data Science Part-Time Online Course | General Assembly | Dec 2018 – Feb 2019

- Final Project: "[Predicting health care seeking patterns of women in Namibia](#)"

TB Supply Chain Management | International Union Against Tuberculosis and Lung Disease | Dec 2017

Hiring and Retaining a Diverse Workforce | Cultures Connecting, LLC | May 2014

TECHNICAL SKILLS

Statistical/Analytical Software: Excel, Tableau, PowerBI, R, Python, Stata, SPSS, Palisade Decision Suite

Design Software: InDesign and Adobe Illustrator

VOLUNTEER EXPERIENCE

World Relief Seattle | Next Gen Family Support Tutor | October 2020 – Present

Strategy Development Advisor | Justice and Soul Foundation | Jan 2019 – Dec 2019

Community Accountability Board | Partnership for Youth Justice | Jun 2014 – June 2016

Transitional Living Home Volunteer | Youth Care | Sep 2012 – Sep 2013

Social Media Strategist | Global Washington | Nov 2011 – Jan 2012

ANALYSIS AND RESEARCH PUBLICATIONS

Peer-Reviewed Publications

1. Fatima, R., Haq, M. U., Yaqoob, A., Mahmood, N., Ahmad, K. L., **Osberg, M.**, ... Hanson, C. (2017). Delivering Patient-Centered Care in a Fragile State: Using Patient-Pathway Analysis to Understand Tuberculosis-Related Care Seeking in Pakistan. *The Journal of Infectious Diseases*, 216(suppl_7), S733–S739. Retrieved from <http://dx.doi.org/10.1093/infdis/jix380>
2. Fekadu, L., Hanson, C., **Osberg, M.**, Makayova, J., Mingkwan, P., & Chin, D. (2017). Increasing Access to Tuberculosis Services in Ethiopia: Findings From a Patient-Pathway Analysis. *The Journal of Infectious Diseases*, 216(suppl_7), S696–S701. Retrieved from <http://dx.doi.org/10.1093/infdis/jix378>

3. Garfin, C., Mantala, M., Yadav, R., Hanson, C. L., **Osberg, M.**, Hymoff, A., & Makayova, J. (2017). Using Patient Pathway Analysis to Design Patient-centered Referral Networks for Diagnosis and Treatment of Tuberculosis: The Case of the Philippines. *The Journal of Infectious Diseases*, 216(suppl_7), S740–S747. Retrieved from <http://dx.doi.org/10.1093/infdis/jix391>
4. Hanson, C. L., **Osberg, M.**, Brown, J., Durham, G., & Chin, D. P. (2017). Conducting Patient-Pathway Analysis to Inform Programming of Tuberculosis Services: Methods. *The Journal of Infectious Diseases*, 216(suppl_7), S679–S685. Retrieved from <http://dx.doi.org/10.1093/infdis/jix387>
5. Hanson, C., **Osberg, M.**, Brown, J., Durham, G., & Chin, D. P. (2017). Finding the Missing Patients With Tuberculosis: Lessons Learned From Patient-Pathway Analyses in 5 Countries. *The Journal of Infectious Diseases*, 216(suppl_7), S686–S695. Retrieved from <http://dx.doi.org/10.1093/infdis/jix388>
6. Masini, E., Hanson, C., Ogoro, J., Brown, J., Ngari, F., Mingkwan, P., ... **Osberg, M.** (2017). Using Patient-Pathway Analysis to Inform a Differentiated Program Response to Tuberculosis: The Case of Kenya. *The Journal of Infectious Diseases*, 216(suppl_7), S714–S723. Retrieved from <http://dx.doi.org/10.1093/infdis/jix381>
7. Surya, A., Setyaningsih, B., Suryani Nasution, H., Gita Parwati, C., Yuzwar, Y. E., **Osberg, M.**, ... Waworuntu, W. (2017). Quality Tuberculosis Care in Indonesia: Using Patient Pathway Analysis to Optimize Public-Private Collaboration. *The Journal of Infectious Diseases*, 216(suppl_7), S724–S732. Retrieved from <http://dx.doi.org/10.1093/infdis/jix379>
8. Reid, M. J. A., Arinaminpathy, N., Bloom, A., Bloom, B. R., Boehme, C., Chaisson, R., ... Goosby, E. P. (2019). Building a tuberculosis-free world: The Lancet Commission on tuberculosis. *The Lancet*, 393(10178), 1331–1384. [https://doi.org/10.1016/S0140-6736\(19\)30024-8](https://doi.org/10.1016/S0140-6736(19)30024-8)

Master's Capstone Papers

9. Bernauer, K., Larson, C., Miles, C., & **Osberg, M.** (2011). *Creating the Somali Data Center A CHANCE Capstone Project*. Minneapolis. Retrieved from <https://conservancy.umn.edu/handle/11299/107523>
10. Bowman, J., Dettman, M., Hillyard, J., **Osberg, M.**, & Wollschlager, L. (2011). *The Waste Management Analysis Tool and User Manual: A Tool for Financial and Social Cost-Benefit Analysis of Informal Waste Management*. Minneapolis. Retrieved from <http://hdl.handle.net/11299/107535>

Provided Analytical Support

11. Nicolai, S., & et. al. (2016a). *A common platform for education in emergencies and protracted crises Evidence paper*. London. Retrieved from <https://www.odi.org/sites/odi.org.uk/files/resource-documents/10498.pdf>
12. Nicolai, S., & et. al. (2016b). *Education Cannot Wait: Proposing a fund for education in emergencies*. London. Retrieved from <https://www.odi.org/sites/odi.org.uk/files/resource-documents/10497.pdf>
13. Nicolai, S., Hine, S., & Wales, J. (2015). *Education in Emergencies and Protracted Crises: Toward a Strengthened Response*. London. Retrieved from <https://www.odi.org/sites/odi.org.uk/files/odi-assets/publications-opinion-files/9714.pdf>