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You Should Try This

An interprofessional urban health elective focused on the social determinants of health

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Abstract

Background: More than half of the world’s population now lives in cities. Health professionals should understand how social factors and processes in urban spaces determine individual and population health. We report on lessons from an interprofessional urban health elective developed to focus on the social determinants of health (SDOH).

Methods: An interprofessional committee developed an urban health elective based in downtown Toronto. Course objectives included promoting collaboration to address SDOH, identifying barriers to care, accessing community-based resources, and learning to advocate at individual- and community-levels.

Results: Seventeen students from eight disciplines participated during the 2011-2012 academic year. Sessions were co-facilitated with community partners and community members identified as experts based on their personal experience. Topics included housing, income and food security, Indigenous communities in urban spaces, and advocacy. Students collaborated on self-directed projects, which ranged from literature reviews to policy briefs for government. Students particularly valued learning about community agencies and hearing from people with lived experience.
Conclusion: The specific health challenges faced in urban settings can benefit from an interprofessional approach informed by the experiences and needs of patient communities. This elective was innovative in engaging students in interprofessional learning on how health and social agencies collaborate to tackle social determinants in urban spaces.

Half of the world now lives in urban settings. The specific needs of vulnerable urban populations remain underrepresented in health training. We describe a novel interprofessional elective focused on urban health, taught through the lens of the social determinants of health (SDOH).

St. Michael’s Hospital is an inner city hospital in Toronto that trains over 3,000 learners each year from 27 disciplines. An environmental scan found that teaching on urban health at the hospital was limited in most disciplines to a single didactic lecture. An interprofessional course committee was formed with health providers, students, and hospital leadership to design an interprofessional course on urban health. Course objectives included: 1) promoting interprofessional collaboration; 2) learning about structural barriers and facilitators to attaining “good” health; 3) engaging community-based organizations; and 4) learning appropriate language and skills to advocate for patients. Running during the 2011-2012 academic year, 17 students from eight disciplines (health management, chiropractic studies, dietetic studies, family medicine, nurse practitioner, nursing, pharmacy, and social work) participated in this pilot. Sessions included interactive lectures and experiential learning (Table 1 and Appendix A). Trainees also worked on group projects for presentation at an end-of-year forum.

Evaluations for new knowledge on SDOH. One student commented: “I learned a lot today that I probably would never have learned if I did not take this elective. It is interesting to see how upstream and downstream thinking can be applied to the discussions today i.e., somehow I feel that the reason why food banks are seen as a solution to hunger is because downstream thinking would identify hunger as the problem and the solution would be to provide food.” Suggestions for improvement included more support for final projects, greater emphasis on case studies and more clinically-oriented experiential learning.

The elective engaged students in immersive education on SDOH. Collaboration with community partners and agencies provided real cases to illustrate patient needs in the urban context. The facilitated visits at community agencies provided students a new perspective on caring for individuals and communities. Community members and front-line workers led these sessions – discussing experiences of stigma, discrimination and how systems failed – to prevent them from lapsing into “safari tourism,” where privileged health professionals explore exoticized people in poverty. Consequently, trainees were provided with tools and language for use in advocacy that reflected the input of communities affected. The positioning of people with lived experience as experts was an essential learning element.

This elective was innovative in engaging students in interprofessional learning on how health and social agencies collaborate to tackle social determinants in urban spaces, and introduced trainees to the social causes of health inequities, similar to efforts in social pediatrics. Such curriculum can increase awareness of community resources, challenge assumptions and make the SDOH “real.” As intervening on the SDOH is increasingly embraced, health providers will require training on how to develop and implement solutions in close partnership with the people affected by these issues.
Table 1. Urban health elective curriculum

| Session | Description | Community partner(s) |
|---------|-------------|----------------------|
| 1. Introduction to urban health | Led by the course organizers, and held at St. Michael’s Hospital. This session outlined definitions of urban health and introduced the social determinants of health. A case study of a young woman living with HIV was used to explore how determinants of health, such as race, income, housing status and chronic disease, intersect. Students were introduced to advocacy at individual and community levels. A long-term physician and advocate discussed his experience in calling for improvement in HIV care and care for people with addictions. Lastly, a policy expert introduced a framework for understanding policy change and the role of health professionals in influencing political decision-makers. | The Wellesley Institute, a Toronto based think tank and research organization, with a strong focus on health equity and social determinants. |
| 2. Housing as a determinant of health | This session explored housing as a key determinant of health through a number of causal pathways. Course organizers defined the spectrum of homelessness, and used a case study to examine how illness was related to insecure housing. Students were introduced to individual- and system-level solutions, including Housing First. The session was held within a large men’s shelter, and included a variety of perspectives. A shelter manager described how it operated and connected with the community, while a person with lived experience of homelessness provided his perspective on the connection between housing and health. Finally a family physician who served as the medical director of a clinic within the shelter, and who had led research studies on homelessness, discussed his experience of introducing managed alcohol programs. The session ended with a tour of the shelter. | Seaton House, Canada's largest men’s shelter. |
| 3. Indigenous health in urban environments | This session was held in a community centre that serves Toronto’s Indigenous community. Led by an Indigenous scientist and family physician, this session introduced students to an Indigenous model of health and well-being. The facilitator used her work with urban Indigenous populations to highlight the issue of the relative invisibility of Indigenous communities in urban centers and discussed racism and discrimination experienced by patients in the health system. The session concluded with a tour of the health centre. | Anishnawbe Health Centre, an Indigenous community health centre. |
| 4. Food and income security as determinants of health | The strong connection between food security and income security was the focus of this session. The session was facilitated by a scientist studying food security, who provided a critique of the traditional charity response to hunger. Her research has exposed the limited role of food banks in solving food insecurity. The session also featured a family physician with experience in advocacy work around income security. Students worked through a case study highlighting these issues. The session concluded with a tour of the facility, which offers a drop-in, food bank, community cooking, and other services. | The Stop Community Food Centre, a unique organization that evolved from a traditional food bank into a community development hub. |
| 5. Youth and adolescent health in urban environments | The session examined the determinants of health of youth and adolescents. The session was held at Covenant House, a shelter that provides housing and crisis services to youth experiencing homelessness. A unique runaway prevention program, “Reality Check,” was described. Trainees had an opportunity to tour the shelter. | Covenant House, a large youth and adolescent shelter. |
| 6. Chronic disease management in urban environments | Chronic disease management and the challenges faced by those living in poverty in urban settings was the focus of this session, which took place at St. Michael’s Hospital. The session was led by a pharmacist and a chiropractor, who explored the global burden of non-communicable chronic diseases. They then used HIV as an exemplar to highlight biological, psychological and social changes that occur with chronic disease. Finally, a clinician-scientist discussed improving care for diabetes patients, and the role of the built environment. The role of the Community Care Access Centre, which supports the delivery of home care to individuals across Toronto, was discussed. | Toronto Community Care Access Centre, a government funded agency to help patients access home care services |
| 7. Mental health and addictions in urban environments | This session focused on mental health and addictions and was hosted at Toronto Public Health. Speakers included a psychiatry resident physician, a community client of the mental health system, and the manager of a needle exchange program. Finally, a community worker from a community health centre also spoke about hepatitis C prevention and the importance of including harm reduction in any program. | The Works, a harm reduction service and needle exchange run by Toronto Public Health |
| 8. Legal status as a determinant of health | Legal status as a determinant of health was discussed at Romero House, an agency that provides housing, settlement, and advocacy services to refugees. A family physician who directs a large clinic serving refugees discussed clinical care and the role of advocacy. A second family physician, with a focus in women’s health, spoke about her recent advocacy to maintain funding for a bus that brings health services to immigrant and refugee patients. The work of a local advocacy organization, No One is Illegal, was highlighted. The session concluded with a tour of the shelter. | Romero House, a large shelter for refugees, and No One is Illegal, an advocacy organization. |
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Appendix A

Readings and resources

1. Introduction and Advocacy

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Canadian Collaboration for Immigrant and Refugee Health http://www.ccirh.uottawa.ca/eng/index.html

No One Is Illegal – Toronto http://toronto.nooneisillegal.org/

No One Is Illegal – Montreal http://nooneisillegal-montreal.blogspot.com/

Health for All http://health4all.ca/

Medical Justice Network – UK http://www.medicaljustice.org.uk/