

# AI4PH

## Resource List for EDI in Research

1. This report by Urban Institute includes case studies, resources, and strategies to collaborate with communities to advance health equity.  
Summary: <https://www.urban.org/research/publication/leveraging-community-expertise-advance-health-equity>
2. CIHR training on integrating sex & gender in health research is a set of resources that can assist you to consider health differences in your research.  
Start with this introductory video: <https://youtu.be/fdftL6S94hs>  
Training modules: <https://cihr-irsc.gc.ca/e/49347.html>
3. Sharing your ideas and knowledge with others is a common component of research. Ensuring this knowledge is understood by various audiences can be a challenge. The words you use and the way your frame issues matter. In this slide deck, the Data Science Institute has developed a resource to help grant applicants to integrate equity into their research proposals. These tips and examples can help articulate the research problem and the impact of your work on people with lived experience.  
<https://datasciences.utoronto.ca/wp-content/uploads/2022/05/DSI-Equity-presentation.pptx>
4. In this video, We All Count director Heather Krause describes ways to measure, analyze and report data using an equity lens. Examples include lay language descriptions of research methods (data measurement, analysis and reporting) using an equity lens.  
<https://youtu.be/l5L6QgsS66c>

## Resource List for Community Engagement in Research

1. Supporting Patient-Oriented Research (SPOR) Support Units are located across the country and offer resources, consultation, training, and network to plan, conduct and evaluate research carried out with community partners. Each region has its own unit, and these are linked up to academic institutions and health systems.  
Find your SPOR unit: <https://cihr-irsc.gc.ca/e/45859.html>
2. "Embracing Patient Oriented Research Are You Ready, Willing and Able?"  
This webinar provides a general overview of Patient Oriented Research and was recorded by the BC SPOR unit (2017). Webinar available here: [https://youtu.be/lVwl1tX\\_DIs](https://youtu.be/lVwl1tX_DIs)

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3. Methods for Supporting Diverse Patient Engagement – has been developed by the SPOR Unit in BC: <https://diversity-tapestry.com/tapestry/bc-support-unit-tapestry-project/#/nodes/1615?sidebar=info>
4. Patient-Oriented Research Training & Learning. You can register to access the online (asynchronous) training. Similar modules are offered by other SPOR units as well. [https://www.schulich.uwo.ca/familymedicine/research/csfm/research/current\\_projects/PORL-PhC%20ProgramOverviewBulletin.pdf](https://www.schulich.uwo.ca/familymedicine/research/csfm/research/current_projects/PORL-PhC%20ProgramOverviewBulletin.pdf)
5. The d.school has a training on design thinking (also called human/user centred design) which can help you with identifying your goals and scope for your research questions. The training can help you practice some of the approaches that you can use in your project to verify the needs/gaps that your research will address. <https://dschool.stanford.edu/resources/getting-started-with-design-thinking>
6. The Patient Oriented Research Project Planning Tool is a checklist developed by the Saskatchewan SPOR Unit. The checklist can help you and your research teams set goals for community engagement: <https://www.scpur.ca/patient-engagement-planning-tool>
7. The Manitoba SPOR unit recently developed a Methods of Patient and Public Engagement Guide that summarizes different community engagement approaches and evaluates the strengths and weaknesses of these for different types of activities. <https://umanitoba.ca/centre-for-healthcare-innovation/sites/centre-for-healthcare-innovation/files/2021-11/methods-of-patient-and-public-engagement-guide.pdf>
8. The CAN-SOLVE Chronic Kidney Disease (CKD) Network has collaborated on this toolkit to develop a patient engagement plan, though similar ones also exist developed in other SPOR units. <https://cansolveckd.ca/resources/training-modules/>
9. Patient Oriented Research Level of Engagement Tool (PORLET) has been developed by the Saskatchewan SPOR Unit. The PORLET is a rubric used to assess community engagement levels in research proposals. These questions can help with planning and reflecting upon building relationships with community members. <https://www.scpur.ca/porlet20>
10. The Ontario SPOR Unit has developed a tip sheet on how to improve community engagement efforts in this guide: “Take your patient partnering to the next level”: <https://hgontario.ca/Portals/O/documents/pe/patient-partnering-next-level-en.pdf>

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## Related Journal Publications

Chan, K. (2018). A design thinking mindset beyond the public health model. *World Medical & Health Policy*, 10(1), 111–119. <https://doi-org.uml.idm.oclc.org/10.1002/wmh3.253>

Duran, B., Oetzel, J., Magarati, M., Parker, M., Zhou, C., Roubideaux, Y., Muhammad, M., Pearson, C., Belone, L., Kastelic, S., & Wallerstein, N. (2019). Toward health equity: A national study of promising practices in community-based participatory research. *Progress in community health partnerships: research, education, and action*, 13(4), 337–352. <https://doiorg.uml.idm.oclc.org/10.1353/cpr.2019.0067>

McCarron, T. L., Clement, F., Rasiah, J., Moran, C., Moffat, K., Gonzalez, A., Wasylak, T & Santana, M. (2021). Patients as partners in health research: A scoping review. *Health Expectations*, 24(4), 1378–1390. <https://doi-org.uml.idm.oclc.org/10.1111/hex.13272>

Vaughn, L. M., & Jacquez, F. (2020). Participatory research methods—Choice points in the research process. *Journal of Participatory Research Methods*, 1(1). <https://doi.org/10.35844/001c.13244>