

SPOR Evidence Alliance Seed Grant Impact Story



Lead:

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Project Supervisor:

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Project:

Exploring multiple perspectives on how patients can and should be involved in the development of guidelines for patient engagement in artificial intelligence (AI) health research

What key learnings did your seed grant funded project reveal?

- Artificial intelligence (AI) has rapidly taken off, but we have not prioritized patient engagement to keep up with it.
- We learned how patients want to be engaged and should be engaged in the development of AI health care technologies, from their own lived experience and perspective.
- The AI field lacks diversity and inclusion, and we need to break down barriers to allow everyone a seat at the table.

How will your findings benefit the health research environment?

- We hope it will push AI teams to include patient partners in their research and technology development from start to finish, and give AI teams a step-by-step approach on how to do this.

How did you disseminate your findings?

- We published a manuscript in an open-access journal.
 - Adus S, Macklin J, & Pinto A. Exploring patient perspectives on how they can and should be engaged in the development of artificial intelligence (AI) applications in health care. *BMC Health*

Service Research. 2023; 23:1163. <https://doi.org/10.1186/s12913-023-10098-2>

- We have spoken about our work at a lab series.
- We will circulate a lay report to the broader community.

What influences did the seed grant opportunity have in your subsequent research endeavours?

- The seed grant opportunity allowed me, as a trainee, to take on a project independently and learn essential skills as a researcher.
- It gave the opportunity for a medical student to do summer work in a diverse team and to link findings and learnings to clinical medicine.
- It allowed us to engage with patient partners and patient participants.

What successes and milestones did the opportunity help you realize in your professional development?

- It solidified my passion for patient engagement as a lifelong career focus.
- It certainly taught me a lot about how much community and lived experience is essential in research.



SPOR Evidence Alliance
Strategy for Patient-Oriented Research
Alliance pour des données probantes de la SRAP
Stratégie de recherche orientée au patient

