



# SPOT AWARDS



# THE GREAT-NS POST-DOC TEAM

They are recognized for their outstanding and critical contributions to the coordination, organization and development of the first year of the GREAT-NS undergraduate traineeship program.





**Dr. Fatima Garcia**



**Dr. Björn Lehnert**



**Dr. Joanna Szornel**



**Dr. Rodney Orford**



**Congratulations! And Thank you!**

# TRANSGENDER DAY OF VISIBILITY: THE PHYSICS OF BREAKING GLASS CEILINGS



**Dr. Gwen Grinyer (she/her)**

Associate Professor, Department of Physics, University of Regina

Understanding the climate and addressing the barriers faced by 2SLGBTQ+ individuals in science, technology, engineering and math (STEM) is my passion. Not just from the perspective of equity, diversity and inclusion but because attracting, supporting and retaining the best people in STEM is essential for driving scientific innovation and creating the potential for discovery. My passion is also deeply personal. Working as an experimental nuclear physicist for 20 years, I have often wondered why the number of 2SLGBTQ+ people in STEM, and in the physical sciences in particular, is so low, especially among faculty members and researchers. Transgender scientists are exceptionally rare, especially trans women scientists who are virtually non-existent. This complete lack of visible role models for queer and trans youth who are potentially interested in STEM careers is detrimental for recruitment. Combined with the climate in STEM that enforces gender stereotypes, that encourages people to hide themselves, and that provides little to no education for creating safe, welcoming and affirming workplaces for queer and trans scientists only compounds the recruitment and retention challenges. I don't know how to break this cycle but, as one of the few who has successfully navigated a career in physics, I hope that by being visible my story can inspire. This talk is about me: the woman, the physicist, the educator and the advocate.

Tuesday, March 29, 2022 – 2pm <https://lbnl.zoom.us/j/91204798498>

Co-hosted by NSD IDEA Council and Lambda Alliance