

2019 Judith Weiszmann Women in Engineering Champion Award



Roberta Radons, P.Eng.

Roberta Radons, P.Eng., is the Section Head, Transmission Line Design at Manitoba Hydro. As leader of her team Roberta oversees and motivates a highly skilled, multidisciplinary team of engineers, technologists, and technicians. Roberta has led her team through numerous high-profile transmission projects, including but not limited to, the Bipole III Transmission Line, Keeyask and Keewatinohk transmission lines, and the Manitoba-Minnesota transmission line. In addition to new construction, Roberta has also been instrumental in several vital transmission

line relocations related to projects such as the City of Winnipeg's bus rapid transit, the construction of the east side road, and the floodway expansion project. Roberta pushes her team to continue to expand and grow incorporating current technologies and fresh ideas as part of their design process, to create a fully integrated design culture.

In her capacity as technical expert and team leader, Roberta has had the opportunity to be both mentor and friend to several young engineers. She works hard to make meaningful connections and support her staff and coworkers to develop into their best selves. In addition to workplace mentorship, Roberta is also an active participant in the Committee for Increasing the Participation of Women in Engineering (CIPWIE) Mentorship Program. Roberta regularly volunteers at outreach events, mentoring evenings, and student competitions, both as a representative of Manitoba Hydro, and independently. At these events Roberta works to promote the diverse and rewarding benefits of a career in engineering through presentations, facilitating design competitions, and one-on-one conversations. Not only does Roberta volunteer her own time to serve the engineering community, she strongly encourages and supports her team to volunteer as well.

In addition to Roberta being a leader within her workgroup, she is also an active leader within the engineering community both within Manitoba Hydro and internationally. Roberta is currently serving as the President of the Manitoba Hydro Professional Engineers Association (MHPEA), representing the needs and interests of over five hundred engineers at Manitoba Hydro. Roberta also participates on a number of technical committees including the Canadian Standards Association (CSA) Committee for CSA Standard C83 - "Communication & Power Line Hardware", CSA Committee for CSA Standard 22.3 no. 1 - "Overhead Systems", and the Electrical Power Research Institute's (EPRI) "Program 35 - Overhead Transmission.

In recognition of her outstanding advancement and support of women in engineering, Engineers Geoscientists Manitoba is pleased to present the 2019 Judith Weizmann Women in Engineering Champion Award to Roberta Radons, P.Eng.