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Associate Professor of Mathematics

Department of Indigenous Knowledges and Science

First Nations University of Canada

1 First Nations Way, Regina, Saskatchewan, S4S7K2, Canada

Professional Appointments

2024–on **Associate Dean, Research and Graduate Studies**, First Nations University of Canada

2024–on **Co-chair (Indigenous Research)**, Research Ethics Board, University of Regina

2014–on **Associate Professor of Mathematics**, First Nations University of Canada

Community Service

2023–on **Chair**, Mathematics and Reconciliation Committee, [Canadian Mathematical Society](http://CanadianMathematicalSociety.ca)

2022–on **Board Member**, Board of Equity, Diversity and Inclusion, Fields Institute for Research in Mathematical Sciences, www.fields.utoronto.ca

2021–on **Committee Member**, Indigenous Engagement Committee, Pacific Institute for the Mathematical Sciences, www.pims.math.ca

2020–on **Board Member**, Board of Equity, Diversity, and Inclusion, Banff International Research Station, www.birs.ca

2020–2023 **Committee Member**, Mathematics and Reconciliation Committee, Canadian Mathematical Society, cms.math.ca

2019–on **Judge**, National Judging Team, Youth Science Canada, youthscience.ca

2018–on **Trustee**, Trust Fund Committee, University of Regina Faculty Association, www.urfa.ca

Indian Status

I am a Status Indian, member of the Lower Mohawk band of Six Nations.

Education

1992–1997 **PhD in Mathematics**, University of Toronto, Canada

Thesis: A Parametrix for Stable Step Two Hypoelliptic Partial Differential Operators

Advisor: Professor Peter Greiner

1990–1992 **MSc in Mathematics**, University of Toronto, Canada

1985–1990 **BSc in Mathematics**, University of Toronto, Canada

Grants and Fellowships

2025 **The Math Bundle.**

[BIRS Workshop 25w5472](#) Doolittle, E (PI); Glanfield, F; McKenna, B.

2024–2030 **Critical Approaches to Indigenous Relationality.**

[SSHRC Partnership Grant](#). Jobin, S (PI); Doolittle, E; et. al.

2023–2028 **Mathematics Education for STEM as Place.**

[SSHRC Insight Grant](#). Nicol, C (PI); Doolittle, E; Glanfield, F; Thom, J.

2022–2027 **Banff International Research Station.**

[NSERC Discovery Institutes Support Grants.](#)

Pramanik, M (PI); Behjat, L; Doolittle, E; Frappier, M; Husain, V; Lewis, M; Sun, L.

Award: www.nserc-crsng.gc.ca/ase-oro/Details-Detaillies_eng.asp?id=767960

Award: www.nserc-crsng.gc.ca/ase-oro/Details-Detaillies_eng.asp?id=758456

- 2013 **Understanding Relationships between Aboriginal Knowledge Systems, Wisdom Traditions, and Mathematics: Research Possibilities.**
[BIRS Workshop 13w5120](#). Doolittle, E; Glanfield, F.
- 2009–2011 **Creating a Research Network to Develop an Understanding of Relationships between Aboriginal Knowledge Systems, Wisdom Traditions, and Mathematics Education**
SSHRC Aboriginal Research Development Grant. Glanfield, F (PI); Donald, D; Doolittle, E; Sterenberg G.
Award: www.outil.ost.uqam.ca/crsh/Detail.aspx?Cle=78132&Langue=2