

*Curriculum Vitae* of

**Florence Anne Glanfield**

Department of Secondary Education  
Faculty of Education, University of Alberta  
949 Education South  
Edmonton AB T6G 2G5

**Leadership Roles**

**Employment**

- 2020 – 2021 Acting Co-Director, Centre for Mathematics Science and Technology Education, Faculty of Education, University of Alberta
- 2019 – Vice-Provost Indigenous Programming & Research, University of Alberta
- 2019 – 2021 Co-lead, Situated Knowledges: Indigenous Peoples and Place Signature Area, University of Alberta
- 2012 – 2019 Department Chair, Department of Secondary Education, University of Alberta
- 2010 – 2011 Associate Chair, Department of Secondary Education, University of Alberta
- 2008 – 2010 Chair, Indigenous Education Council, Faculty of Education, University of Alberta
- 2006 – 2007 Director of Teacher Candidate & Alumni Affairs, College of Education, University of Saskatchewan
- 1990 – 1995 Mathematics 30 Examination Manager, Student Evaluation Branch, Alberta Education
- 1988 – 1990 Coordinator of K – grade 12 Mathematics, Curriculum Support Branch, Alberta Education
- 1984 – 1986 Department Chair & Student Activities Coordinator, grades 9-12, Fort McMurray Public School District

**Professional Organizations**

- 2021 – 2022 President-Elect, TODOS: Mathematics for ALL.
- 2017 – 2021 Chair, Topic Study Group 48, Mathematics Education in a Multicultural Environment, Internal Congress of Mathematical Education
- 2014 – 2016 Chair, Board of Directors, For the Learning of Mathematics Publishing Association

- 2012 – 2016 Elected Member, Board of Directors, For the Learning of Mathematics Publishing Association
- 2013 – 2016 Elected Member, Board of Directors, National Council of Teachers of Mathematics
- 2011 – 2014 Elected Member, Board of Directors, TODOS: Mathematics for ALL
- 2010 – 2011 Chair, Nominations & Elections Committee, Canadian Mathematics Education Study Group
- 2008 – 2010 President, Canadian Mathematics Education Study Group
- 2006 – 2008 Chair, 2008 Annual Meeting Program Committee, National Council of Teachers of Mathematics
- 2006 – 2007 Chair, Saskatchewan Learning Aboriginal Education Provincial Advisory Committee
- 2004 – 2008 Vice-President, Canadian Mathematics Education Study Group
- 2003 – 2005 Co-Chair, Scientific Program Committee, Canadian Mathematics Education Forum, Canadian Mathematical Society
- 1999 – 2005 Elected Member, Board of Directors, National Council of Supervisors of Mathematics
- 1997 – 1998 President, Mathematics Council of the Alberta Teachers' Association
- 1996 – 1997 Chair, Regional Services Committee, National Council of Teachers of Mathematics
- 1995 – 1997 Vice-President, Mathematics Council of the Alberta Teachers' Association
- 1995 Conference Chair, Parent and Teacher Conference About Mathematics Education, Mathematics Council of the Alberta Teachers' Association
- 1992 – 1994 Chair, Canadian Regional Conference, National Council of Teachers of Mathematics

## **Academic Appointments**

- 2021 – 2026 Affiliate Member of the Faculty of Graduate Studies, Department of Curriculum and Instruction, University of Victoria
- 2013 Professor, Department of Secondary Education, University of Alberta
- 2008 – 2018 Adjunct Professor, Department of Curriculum Studies, College of Education, University of Saskatchewan
- 2007 – Affiliate Faculty, Centre for Research for Teacher Education and Development, University of Alberta
- 2007 – 2013 Associate Professor, Department of Secondary Education, University of Alberta

2001 – 2007 Associate Member, College of Graduate Studies and Research, University of Saskatchewan

1999 – 2007 Assistant Professor, Department of Curriculum Studies, College of Education, University of Saskatchewan

## Academic Credentials

2003 Ph.D., Department of Secondary Education, University of Alberta  
Dissertation Title: *Mathematics Teacher Understanding as an Emergent Phenomenon.*

1989 M.Ed., Department of Educational Administration, University of Alberta  
Thesis Title: *High School Students' Satisfaction with High School Experiences.*

1982 B.Ed., Department of Secondary Education, University of Alberta

1979 B.Sc., Mathematics, University of Alberta

## Awards

2018 Special Award Recognition from the Mathematics Council of Alberta Teachers' Association

2017 Kay Gilliland Equity Lecture Award, National Council of Supervisors of Mathematics

2014 Iris Carl Leadership and Equity Award, TODOS: Mathematics for ALL

2010 ATA Educational Research Award (in collaboration with D. Donald, G. Sterenberg), \$5000

1998 Social Sciences & Humanities Research Doctoral Fellowship, \$16 000

1998 Graduate Studies & Research Scholarship, University of Alberta, \$2500

1998 Walter H. Johns Graduate Fellowship, University of Alberta, \$3000

1997 Graduate Studies & Research Fellowship, University of Alberta, \$3000

1996 John Walker Barnett Fellowship in Education, Alberta Teachers' Association, \$7500

1996 Walter H. Johns Graduate Tuition Scholarship, University of Alberta, \$3000

1995 Alberta Mathematics Educator Award, Mathematics Council of Alberta Teachers' Association

## Professional Experience

- 1995 – 1998 Teaching/Research Assistant, Department of Secondary Education, University of Alberta
- 1988 – 1995 Mathematics 30 Examination Manager; Coordinator of K – grade 12 Mathematics; Curricular Assistant, Alberta Education
- 1986 – 1988 Teaching/Research Assistant, Departments of Educational Administration & Secondary Education, University of Alberta
- 1982 – 1986 Teacher, Department Chair, & Student Activities Coordinator, grades 9-12, Fort McMurray Public School District

## FUNDING FOR RESEARCH & OTHER PROJECTS

### External Funding in Support of Research

- 2019 – 2021 *Callysto: Building Tomorrow's Digital Leaders (Research Assessment)*. Cybera Inc. (PI), PIMS, M. Cutumisu, C. Adams, **F. Glanfield**, CanCode Program: Innovation Science and Economic Development Canada.
- 2019 – 2022 *“What Does It Look Like in the Classroom”: Locally Meaningful STEM teaching and learning in Indigenous K - 12 Contexts*. D. Wiseman (PI), **F. Glanfield**, L. Lunney Borden, SSHRC Insight Development Grant.
- 2018 – 2019 *Uncovering Pathways by which Indigenous and non-Indigenous ways of knowing, being, and doing might circulate together in mathematics and science teaching and learning in Australian and New Zealand contexts*. L. Lunney Borden (PI), D. Wiseman, **F. Glanfield**, University Council for Research Grants, St. Francis Xavier University.
- 2016 – 2017 *How we are coming to know: Ways in which Indigenous and non-Indigenous ways of knowing, being, and doing circulate together in mathematics and science teaching and learning*. D. Wiseman (PI), L. Lunney Borden, **F. Glanfield**, SSHRC Knowledge Synthesis Grant.
- 2014 – 2016 *Community Capacity Building for Sexual Violence Prevention*. **F. Glanfield** (PI), C. Mhina, P. Rempel, Alberta Centre for Child Family Community Research (ACCFRC).
- 2014 – 2015 *Curriculum Development Prototyping Research*. W. Dunn (PI), **F. Glanfield**, B. Ritter, Alberta Education.
- 2014 – 2022 *Advancing Research Methodology in Mathematics Education for Collective Learning Systems*. L. McGarvey (PI), L. Martin, J. Mgombelo, E. Simmt, J. Towers, B. Davis, **F. Glanfield**, J Proulx, J. Thom, SSHRC.
- 2012 – 2017 *Capacity Development for Mathematics Teaching in Rural and Remote Communities in Tanzania*. E. Simmt (PI), **F. Glanfield**, J. Mgombelo, A. Binde, Canadian International Development Agency (CIDA).

- 2012 - 2013 *Understanding Relationships between Aboriginal Knowledge Systems, Wisdom Traditions, and Mathematics: Research Possibilities*. E. Doolittle (PI), **F. Glanfield**, D. Donald, G. Sterenberg, Banff International Research Station for Mathematical Innovation and Discovery, funded 5 day workshop for 20 participants in 2013.
- 2012 – 2013 *Tracking Mathematics Performance in Kehewin*. **F. Glanfield** (PI), D. Donald & G. Sterenberg, Kehewin Cree First Nation.
- 2011 – 2014 *Partnership Development to Research Possibilities for Primary Mathematics Teacher Development in Rural and Remote Communities*. E. Simmt (PI), A. Halal, J. Mgombelo, B. Mgonja, D. Msabila, A. Ngalawa, & **F. Glanfield**, SSHRC.
- 2010 – 2013 *A Narrative Inquiry into the Educational Experiences of Urban Aboriginal Youth and their Families*. V. Caine (PI), **F. Glanfield**, D. J. Clandinin, L. Baydala, & M. Ebbers, SSHRC.
- 2010 – 2012 *A Narrative Inquiry into the Schooling Experiences of Aboriginal Youth and Families*. V. Caine (PI), **F. Glanfield**, D. J. Clandinin, L. Baydala, & M. Ebbers, Alberta Centre for Child, Family, and Community Research.
- 2010 – 2011 *Supporting and Sustaining Elementary Mathematics Teacher Development in Tanzania: Lessons for Universities*. E. Simmt (PI), **F. Glanfield** & J. Mgombelo, SSHRC.
- 2010 – 2013 *Creating a Research Network to Develop an Understanding of Relationships between Aboriginal Knowledge Systems, Wisdom Traditions, and Mathematics Education*. **F. Glanfield** (PI), D. Donald, G. Sterenberg, & E. Doolittle, SSHRC.
- 2008 – 2011 *Reclaiming Teacher Practice as Intellectual Work: Transforming Education Across Education Communities*. A. Ward (PI), **F. Glanfield**, & M. S. Murphy, SSHRC.
- 2008 – 2009 *Learning Through Mathematics Fairs and Manipulatives*. G. Sterenberg (PI), **F. Glanfield** & D. Donald, Pacific Institute for the Mathematical Sciences.
- 2007 – 2009 *Factors Contributing to Improved Mathematics Performance in Kehewin: Developing a Shared Understanding Among Community, School, Staff, and Children*. **F. Glanfield** (PI), D. Donald & G. Sterenberg, Kehewin Cree First Nation.
- 2007 – 2010 *Relationship Between the Assessment Process and Children's and Teacher's Knowledge and Identity in Mathematics*. M. S. Murphy (PI), **F. Glanfield**, K. Campbell, K. Storey, K. Nelson, C. Clarke, C. Cox, T. Reeve, Dr. Stirling McDowell Foundation for Research into Teaching.
- 2006 *Review of Literature for Elementary Mathematics Education*. **F. Glanfield** (PI), Pearson Education Canada.
- 2005 – 2009 *Factors Contributing to the Success of Aboriginal Students in High School Mathematics*. **F. Glanfield** (PI), D. Bazylak, Dr. Stirling McDowell Foundation for Research into Teaching.

- 2005 – 2010 *Understanding the Dynamics of Risk and Protective Factors in Promoting Success in Science and Mathematics*. G. Robinson (PI), **F. Glanfield**, J. McVittie, L. Wilson, D. Cowan, C. Rangacharyulu, NSERC CRYSTALS.
- 2000 – 2003 *Research for National Council of Supervisors of Mathematics*. **F. Glanfield** (PI), National Council of Supervisors of Mathematics.
- 2000 – 2001 *Developing Secondary Students Mathematical Understanding Through Student Interaction, a study of students learning mathematical concepts through interaction*. **F. Glanfield** (PI), D. Baczuk, A. Oviatt, Dr. Stirling McDowell Foundation for Research into Teaching.
- 2000 – 2001 *Web-Based Student Activity Modules for Mathematics C30*. **F. Glanfield**, K. Taylor (co-PIs), Saskatchewan Education.
- 1999 *The Applied Mathematics Curriculum Development Project*. E. Simmt (PI), **F. Glanfield**, & R. Mason, Imperial Oil National Centre for Mathematics, Science and Technology Education, University of Alberta.
- 1999 *Teaching and Learning Math 10: an Enhanced Approach*. L. Leduc (PI), B. Armstrong, C. Baker, **F. Glanfield**, & B. Pod, Dr. Stirling McDowell Foundation for Research into Teaching.

### Internal Funding in Support of Research

- 2019 *How we are Coming to Know: Uncovering pathways by which Indigenous and non Indigenous ways of knowing, being, and doing might circulate together in mathematics and science teaching and learning*. **F. Glanfield** (PI), D. Wiseman, L. Lunney Borden, Centre for Mathematics Science and Technology Education, University of Alberta.
- 2018 *How we are Coming to Know: Uncovering pathways by which Indigenous and non Indigenous ways of knowing, being, and doing might circulate together in mathematics and science teaching and learning*. **F. Glanfield** (PI), D. Wiseman, L. Lunney Borden, Support for the Advancement of Scholarship, University of Alberta.
- 2014 – 2015 *Inquiry in the Garden*. **F. Glanfield** (PI), D. Wiseman, T. Onuczko, Department of Secondary Education in recognition of not being eligible for VP Research (SSHRC) funding, University of Alberta.
- 2014 *Inquiry in the Garden: Engaging with First Nations, Métis, Inuit Perspectives into Science Curricula through Open-ended Living Projects*. **F. Glanfield** (PI), D. Wiseman, T. Onuczko, Roger Smith Undergraduate Research Award, Faculty of Education, University of Alberta.
- 2013 *Inquiry in the Garden: Engaging with First Nations, Métis, Inuit Perspectives into Science Curricula through Open-ended Living Projects*. **F. Glanfield** (PI), D. Wiseman, T. Onuczko, D. Donald, Roger Smith Undergraduate Research Award, Faculty of Education, University of Alberta.

- 2013 *Indigenous Teaching Gardens: Edibles Expansion*. **F. Glanfield** (PI), D. Wiseman, T. Onuczko, Department of Energy Management and Sustainable Operations, Department of Facilities Operations, University of Alberta.
- 2012 – 2018 *Inquiry in the Garden: Infusing First Nations, Métis, Inuit Perspectives into Science Curricula through Open-ended Living Projects*. **F. Glanfield** (PI), D. Wiseman, T. Onuczko, D. Donald, B. Ritter, Teacher Education Research Grants (2012), Department of Secondary Education, University of Alberta.
- 2008 *An Exploration of the Ways in Which First Nation Children Know Mathematics*. **F. Glanfield** (PI), Support for the Advancement of Scholarship, University of Alberta.
- 2008 *Exploring Children's Understanding of Language in Mathematics Assessment Practices*. **F. Glanfield** (PI), Roger Smith Undergraduate Research Award, Faculty of Education, University of Alberta.
- 2003 – 2007 *Teachers Developing Mathematical Understanding*. **F. Glanfield** (PI), Saskatchewan Educational Leadership Unit, University of Saskatchewan.
- 1999 – 2000 *Students' Changing Understanding of Mathematical Concepts, A study of students knowing mathematical concepts*. **F. Glanfield** (PI), President's SSHRC Research Fund, University of Saskatchewan.

### **Funding Received for Academic and Professional Work Other than Research**

- 2021 - 2026 *Language Assessment Program*. **F. Glanfield** (PI), Building Capacity for Community-Led Indigenous Language Revitalization in Canada.
- 2018 – 2021 *Learning Experiences for ALL: Encounters with First Nations, Métis, and Inuit Perspectives in Mathematics and Science Education*. **F. Glanfield** (PI), M. Higgins, S. Khan, M. Kim, K. Rose, Alberta Education.
- 2017 *Literature Review on Assessment Tools for Identifying Gaps in Learning School Mathematics*. **F. Glanfield** (PI), J. McFeetors, Edmonton Public Schools.
- 2017 – 2023 *Indigenous Languages Assessment & Secondary Bridging Program*. **F. Glanfield** (PI), W. Dunn, L. McGarvey, Alberta Education.
- 2017 – 2023 *Pathways from CILLDI Community Linguist Certificate towards Teacher Certification*. **F. Glanfield** (PI), W. Dunn, L. McGarvey, Alberta Education.
- 2017 *Math Academy II*. E. Simmt, L. McGarvey, **F. Glanfield**, J. McFeetors, J. Holm, St Albert Public Schools.
- 2016 *Math Academy*. E. Simmt, L. McGarvey, **F. Glanfield**, J. McFeetors, St Albert Public Schools.

- 2015 – 2016 *Math Academy*. E. Simmt, L. McGarvey, **F. Glanfield**, J. McFeetors, Elk Island Public Schools.
- 2013 – 2014 *Indigenous Gardens Project*. R. Bechtel (PI), **F. Glanfield**, Alberta Innovates – Health Solutions.
- 2014 *Faculty of Education Conference Grant for Canadian Mathematics Education Study Group Annual Meeting*. **F. Glanfield** (PI), Faculty of Education, University of Alberta.
- 2014 *Summer Math Camp*. **F. Glanfield** (PI), Kehewin Cree Nation.
- 2011 – 2012 *Aboriginal Gardens: Involving Elders and Aboriginal Youth in the Growing Patio Initiative*. **F. Glanfield** (PI), D. Donald, D. Wiseman, Special Initiatives Funding, Faculty of Education, University of Alberta.
- 2010 *Association of Mathematics Teacher Education annual conference*. Teaching Learning and Enhancement Fund, University of Alberta.
- 2009 *Canadian Mathematics Education Forum*. Viktor Freiman (PI), P. Taylor, M. Dubiel, **F. Glanfield**, SSHRC Aid to Research Workshops and Conferences in Canada.
- 2004 *Developing a National Mathematics Teacher Organization*. **F. Glanfield** (PI), S. Craven & B. Hart, Canadian Mathematical Society.

## PUBLICATIONS

**Total: 116**

### Summary

Books	3
Chapters in Books	12
Articles in Refereed Journals	22
Papers in Refereed Conference Proceedings	13
Published Proceedings Papers (Non-refereed)	9
Papers in Non-refereed Journals	6
Edited Proceedings	1
Major Reports	12
Non-Print Materials – Broadcast Videos	6
Materials for Use in Schools	32

### Books

Nicol, C., Archibald, J., **Glanfield, F.**, & Dawson, A. J. (Eds.). (2020). *Living Culturally Responsive Mathematics Education with/in Indigenous Communities*. Leiden, The Netherlands: Brill.

**Glanfield, F.** (2007). *Reflections on research in school mathematics: Building capacity in teaching and learning*. Toronto ON: Pearson Education Canada.

**Glanfield, F.**, Aitken, N., Simpson, S., Midgett, C., Joyner, J., & Thompson, C. (2003). *Mathematics assessment: A practical handbook for K-grade 2*. Reston VA: National Council of Teachers of Mathematics.

## Chapters in Books

**Glanfield, F.** (2019). *Commentary: The Nineties*. In E. J. Chernoff, G. L. Russell, & B. Sriraman (Eds.), *Selected Writings from the Journal of the Saskatchewan Mathematics Teachers' Society: Celebrating 50 Years (1961 – 2011) of vinculum* (pp. 373-380). Charlotte, NC: Information Age Publishing.

**Glanfield, F.**, Sterenberg, G., & Donald, D. (2020). *Understanding the landscape of culturally responsive education within a community-driven mathematics education research project*. In C. Nicol, J. Archibald, F. Glanfield, & A. J. Dawson (Eds.), *Living Culturally Responsive Mathematics Education with/in Indigenous Communities* (pp. 71-90). Leiden, The Netherlands: Brill.

Nicol, C., Archibald, J., & **Glanfield, F.** (2020). *Making a difference with/in Indigenous communities*. In C. Nicol, J. Archibald, F. Glanfield, & A. J. Dawson (Eds.), *Living Culturally Responsive Mathematics Education with/in Indigenous Communities* (pp. 1-15). Leiden, The Netherlands: Brill.

Nicol, C., Archibald, J., & **Glanfield, F.** (2020). *Culturally responsive pedagogies to re-storying mathematics education*. In C. Nicol, J. Archibald, F. Glanfield, & A. J. Dawson (Eds.), *Living Culturally Responsive Mathematics Education with/in Indigenous Communities* (pp. 259-264). Leiden, The Netherlands: Brill.

Simmt, E., Binde, A., **Glanfield, F.**, & Mgombelo, J. (2019). *Developing capacity for teacher inservice education in rural Tanzania: Embracing emergent phenomena*. In I. Eloff (Ed.), *Handbook of Quality of Life in African Societies* (pp. 327-344). New York: Springer.

Thom, J. S., & **Glanfield, F.** (2018). *Live(d) topographies: The emergence and dynamical nature of ideas in secondary mathematics classes*. In A. Kajander, J. Holm, & E. Chernoff (Eds.), *Teaching and Learning Secondary School Mathematics – Canadian Perspectives in an International Context* (pp. 51-60). New York: Springer.

Madden, B., & **Glanfield, F.** (2017). *Research in Indigenizing teacher education*. In D. J. Clandinin & J. Husu (Eds.), *International Handbook of Research on Teacher Education* (pp. 1149-1165). Thousand Oaks, CA: Sage Publications, Ltd.

Lunney Borden, L., & **Glanfield, F.** (2016). *Indigenous ways of knowing mathematics*. In P. Liljedahl, D. Allan, O. Chapman, F. Gourdeau, C. Lajoie, S. Oesterle, E. Simmt & P. Taylor (Eds.), *40Years of CMESG/Les 40 Ans du GCEDM*. (pp. 237-243). Burnaby, BC: CMESG/GCEDM.

Wiseman, D., Onuczko, T., & **Glanfield, F.** (2015). *Resilience and hope in the garden: Intercropping Aboriginal and Western ways of knowing to inquire into teaching and learning science*. In H. Smits & R. Naqvi (Eds.), *Framing peace: Thinking about and enacting curriculum as “radical hope”* (pp. 237-252). New York, NY: Peter Lang Publishing.

**Glanfield, F.** (2014). *Secondary mathematics education curriculum developments: Reflecting on Canadian trends*. In E. Chernoff & G. Sterenberg (Eds.), *Selected Writings from the Journal of the*

Mathematics Council of the Alberta Teachers' Association: Celebrating 50 years (1962 – 2012) of delta-K (pp. 377-382). Charlotte, NC: Information Age Publishing, Inc.

Steeves, P., Yeom, J. S., Pushor, D., Nelson, C., Mwebi, B. M., Murray Orr, A., Murphy, S., **Glanfield, F.**, Huber, J., & Clandinin, D. J. (2009). *The research issues table: A place of possibilities for the education of teacher educators*. In C. J. Craig & L. F. Deretchin (Eds.), ATE Yearbook XVII: Teacher Learning in Small Group Settings (20 pages). Lanham, MD: The Rowman & Littlefield Publishing Group.

**Glanfield, F.**, Oviatt, A., & Baczuk, D. (2006). *From teachers' conversations to students' mathematical communication*. In L. R. Van Zoest (Ed.), Teachers Engaged in Research: Inquiry into Mathematics Practice, Grades 9-12 (pp. 75-96). Reston, VA: National Council of Teachers of Mathematics and Information Age Publishing.

### Articles in Refereed Journals

**Glanfield, F.**, Thom, J. S., & Ghostkeeper, E. (2020). Living landscapes, archi-text-ures, and land-guaging algo-rhythms. *Canadian Journal of Science, Mathematics and Technology Education*, 20(2), 246-263.

Nicol, C., Nolan, K., **Glanfield, F.**, & Francis, K. (2020). Introduction to the special theme on re-imagining the M in STEM: Mathematical actions for innovative, resilient, and culturally rich communities. *Canadian Journal of Science, Mathematics and Technology Education*, 20(2), 175-181.

Nicol, C., Nolan, K., **Glanfield, F.**, & Francis, K. (2020). Introduction au numéro spécial sur la ré-imagination de l'élément « M » des STEM : démarches mathématiques pour des communautés innovantes, résilientes et riches en culture. *Canadian Journal of Science, Mathematics and Technology Education*, 20(2), 182–189.

Fellus, O., & **Glanfield, F.** (2019). What makes a mathematician? *For the Learning of Mathematics*, 39(1), 26-27.

Swai, C. Z., & **Glanfield, F.** (2018). Teacher-led professional learning in Tanzania: Perspectives of mathematics teacher leaders. *Global Education Review*, 5(3), 183-195.

Fellus, O., & **Glanfield, F.** (2017). Linguistic and cultural diversity in research and publishing: Reflections on the FLM pre-conference. *For the Learning of Mathematics*, 37(1), 15-19.

Ngalawa, A., Simmt, E., & **Glanfield, F.** (2015). Exploring the emergence of community support for school and encouragement of innovation for improving rural school performance: Lessons learned at Kitamburo in Tanzania. *Global Education Review*, 2(4), 101-125.

Greenes, C. E., Cavanagh, M. C., Tsankova, J., K., & **Glanfield, F.** (2013). Can we cross the street in time? *Mathematics Teaching in the Middle School*, 19(2), 86-93.

Simmt, E. S., **Glanfield, F.**, & Sookochoff, S. (2013). Explanation and discourse in 9<sup>th</sup> grade mathematics classes. Reprint. *delta-K*, 50(2), 28 – 35.

- Gattuso, L., Vermette, S., Freiman, V., Mowat, E., **Glanfield, F.**, & Perelli, M. P. (2013). L'enseignement de statistique et probabilités au Canada et en Italie. *Statistique et Enseignement*, 4(1), 107-129. <http://publications-sfds.math.cnrs.fr/index.php/StatEns/article/view/141>
- Donald, D., **Glanfield, F.**, & Sterenberg, G. (2012). Living ethically within conflicts of colonial authority and relationality. *Journal of the Canadian Association of Curriculum Studies*, 10(1), 53-76.
- Donald, D., **Glanfield, F.**, & Sterenberg, G. (2011). Culturally relational education in and with an Indigenous community. *in education: exploring our connective educational landscape*, 17(3), <http://ineducation.ca/article/culturally-relational-education-and-indigenous-community>.
- Glanfield, F.**, & Murphy, M. S. (2011, June). Possibilities for understanding children's mathematics knowledge. *Delta-k*, 48(2), 17-19.
- Murphy, M. S., & **Glanfield, F.** (2010). Mathematics teacher educator identity: A conversation between a specialist and a generalist. *in education: exploring our connective educational landscape*, 16(2), <http://ineducation.ca/article/mathematics-teacher-educator-identity-conversation-between-specialist-and-generalist>
- Clandinin, D. J., **Glanfield, F.**, Chung, S., Lessard, S., Schaefer, L., & Caine, V. (2010). Potentials and possibilities of collaborative research. *Shvilei Mehkar*, 17, 20-41.
- Sterenberg, G., Barrett, L., Blood, N., **Glanfield, F.**, Lunney Borden, L., McDonnell, T., Nichol, C., & Weston, H. (2010). To become wise to the world around us: Multiple perspectives of relating Indigenous knowledges and mathematics education. *Delta-k*, 47(2), 21-29.
- Glanfield, F.**, & Sterenberg, G. (2010). Amelia's mental images of numbers. *Teaching Children Mathematics*, 16(8), 504.
- Doolittle, E., & **Glanfield, F.** (2007). Balancing equations and culture: Indigenous educators reflect on mathematics education. *For the Learning of Mathematics*, 27(3), 27-30.
- Glanfield, F.** (2006). Secondary mathematics education curriculum developments: Reflecting on Canadian trends. *delta-K*, 43(2), 17-19.
- Glanfield, F.**, & Pushor, D. (2006). The courage to be constructivist mathematics leaders. *Journal of Mathematics Education Leadership*, 9(1), 25-33.
- Glanfield, F.**, & Murphy, S. (1997). A review of high tide in Tucson [Review of the book High tide in Tucson]. *Among Teachers: Experience and Inquiry*, 23, Fall, 18-20.
- Glanfield, F.** (1997). The meaning and impact of a mark. *Among Teachers: Experience and Inquiry*, 22, Spring, 12-13.

### **Papers in Refereed Conference Proceedings**

- Thom, J. S., **Glanfield, F.**, Mgombelo, J., Proulx, J., McGarvey, L., & Towers, J. (2020). Research tools for collectivity: Tracking mathematics classes. In A.I. Sacristán, J.C. Cortés-Zavala & P.M. Ruiz-Arias, (Eds.). *Mathematics Education Across Cultures: Proceedings of the 42nd Meeting of the*

*North American Chapter of the International Group for the Psychology of Mathematics Education, Mexico*, 159 - 161. Cinvestav /AMIUTEM / PME-NA. <https://doi.org/10.51272/pmena.42.2020>

- Swai, C. Z., & **Glanfield, F.** (2019). Awareness-in-action: mathematics teacher leadership in Tanzania. In M. Graven, H. Venkat, A. A. Essien, & P. Vales (Eds.), *Proceedings of the 43rd Conference of the International Group for the Psychology of Mathematics Education (Volume 1)*, 211-220. Pretoria, South Africa: PME.
- Glanfield, F.**, Mgombelo, J., Binde, A., Simmt, E., Paslawski, L. & Ching'ole, P. (2018). Impact of using complexity science on capacity development for primary mathematics teaching in rural and remote communities. In A. Halai & F. Mtenzi (Eds.), *Proceedings of The Africa Regional Congress of ICMI on Mathematical Education (AFRICME 5)*, 168-172. Dar Es Salaam, Tanzania: AFRICME 5.
- Swai, C. Z., & **Glanfield, F.** (2018). Introducing the strangers: Mathematics teacher leaders and their roles in the professional learning context in Tanzania. In A. Halai & F. Mtenzi (Eds.), *Proceedings of The Africa Regional Congress of ICMI on Mathematical Education (AFRICME 5)*, 257-261. Dar Es Salaam, Tanzania: AFRICME 5.
- McGarvey, L., Thom, J., Mgombelo, J., Proulx, J., Simmt, E., **Glanfield, F.**, Davis, B., Martin, L., Towers, J., Bertin, C., Champagne, K., L'Italien-Bruneau, R., & Mégrourèche, C. (2018). Vital signs of collective life in the classroom. In E. Bergqvist, M. Osterholm, C. Granberg, & L. Sumpter (Eds.), *Proceedings of the 42<sup>nd</sup> Conference of the International Group of the Psychology of Mathematics Education (Volume 1)*, 155-184. Umea, Sweden: PME.
- McGarvey, L., Davis, B., **Glanfield, F.**, Martin, L., Mgombelo, J., Proulx, J., Simmt, E., Thom, J., & Towers, J. (2015). Collective learning: conceptualizing the possibilities in the mathematics classroom. In T. Bartell, K. Bieda, R. Putnam, K. Bradfield & H. Dominguez (Eds.), *Proceedings of the 37th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*, 1333-1342. East Lansing, MI: Michigan State University.
- Glanfield, F.**, Martin, L., Murphy, M. S., & Towers, J. (2009). Co-emergence and collective mathematical knowing. In M. Tzekaki, M. Kaldrimidou, & H. Sakonidis (Eds.), *Proceedings of the 33<sup>rd</sup> Conference of the International Group for the Psychology of Mathematics Education, 1*, 257-261.
- Glanfield, F.** (2004). Mathematics teacher understanding as an emergent phenomenon. *Proceedings of the Twenty Eighth Conference of the International Group for the Psychology of Mathematics Education, 1*, 304.
- Glanfield, F.**, & Mgombelo, J. (2003). Using manipulatives as generative mechanisms for explaining mathematics phenomena. In N. Pateman, B. J. Dougherty, & J. T. Zilliox (Eds.), *Proceedings 27th Conference of the International Group for the Psychology of Mathematics Education and the 25th Conference of North American Chapter for the Psychology of Mathematics Education, 1*, 305. Honolulu, HI: Center for Research and Development Group, University of Hawai'i.
- Glanfield, F.** (2003). Western Canada regional perspective on mathematics education. *Proceedings of the Canadian School Mathematics Forum*, Université du Québec à Montréal, 67-80.

**Glanfield, F., & Mgombelo, J.** (2001). Preservice teachers' learning to teach mathematics: The importance of the interconnection among manipulatives, talk, and symbols. *Proceedings of the Twenty Second Annual Meeting of the North American Chapter for the Psychology of Mathematics Education*, 687.

Simmt, E., & **Glanfield, F.** (1998). The role of explanation in 9<sup>th</sup> grade mathematics classrooms. *Proceedings of the Nineteenth Annual Meeting of the North American Chapter for the Psychology of Mathematics Education*.

**Glanfield, F.** (1997). Understanding mathematics curriculum: Teachers making sense of problem solving, communication, connections, and reasoning. *Proceedings of the Eighteenth Annual Meeting of the North American Chapter for the Psychology of Mathematics Education*, 560.

### **Papers in Non- Refereed Conference Proceedings**

**Glanfield, F.** (2020). Relationships with/in/around mathematics. In J. Holm, & S. Mathieu-Soucy (Eds.), *Proceedings of the Canadian Mathematics Education Study Group 2019 Annual Meeting*, 151-158.

Lunney Borden, L., & **Glanfield, F.** (2016). Indigenous ways of knowing mathematics. In S. Oesterle, & D. Allan (Eds.), *Proceedings of the Canadian Mathematics Education Study Group 2015 Annual Meeting*, 37-42.

Proulx, J., & **Glanfield, F.** (2008). The multifaceted role of feedback in the teaching and learning of mathematics. *Proceedings of the Canadian Mathematics Education Study Group 2007 Annual Meeting*, 53-65.

Yan, J., Townsend, M., & **Glanfield, F.** (2006). Refining the Canadian survey questions for the census at school survey to provide richer mathematical learning. *Proceedings of the Canadian Mathematics Education Study Group 2005 Annual Meeting*, 139-142.

**Glanfield, F.** (2004). Secondary mathematics education curriculum developments: A Canadian perspective. In D. de Bock, M. Isoda, J. A. G. Cruz, A. Gagatsis, & E. Simmt (Eds.), *Proceedings of 10<sup>th</sup> International Congress on Mathematical Education, Topic Study Group 2* (pp. 19 - 22). Copenhagen DK.

**Glanfield, F., Poirier, L., & Zack, V.** (2003). Teacher research: An empowering practice? *Proceedings of the Canadian Mathematics Education Study Group 2003 Annual Meeting*, 55-68.

**Glanfield, F., & Rogers, P.** (1999). Assessing mathematical thinking. *Proceedings of the Canadian Mathematics Education Study Group 1998 Annual Meeting*, 29-42.

**Glanfield, F.** (1997). Who drives curriculum? *Proceedings of the Canadian Mathematics Education Study Group 1996 Annual Meeting*, 171-172.

Aitken, N., & **Glanfield, F.** (1996). *Report of the assessment working group at the mathematics, education and technology institute*. Scarborough, ON: Gage Educational Publishers.

### **Papers in Non-Refereed Journals**

- Couture, J. C., Carr, J., Murgatroyd, S., King, D., den Heyer, K., Hancock, D., Smits, H., & **Glanfield, F.** (2017). Hope for the future: Leading thinkers look ahead to curriculum development in Alberta. *ATA Magazine*, 97(3).  
<https://www.teachers.ab.ca/Publications/ATA%20Magazine/Volume-97-2016-17/Number-3/Pages/Hope-for-the-future.aspx>
- Glanfield, F.** (2015). Pondering point: The subject matters, but it's the interaction that endures. *ATA Magazine*, 95(3), 52.  
<https://www.teachers.ab.ca/News%20Room/ata%20magazine/Volume%2095%202014-15/Number-3/Pages/index.aspx>
- Farris, M. & **Glanfield, F.** (2014). Foreward. In E. Chernoff & G. Sterenberg (Eds.), *Selected writings from the journal of the Mathematics Council of the Alberta Teachers' Association: Celebrating 50 years (1962 – 2012) of delta-K* (pp. xv-xviii). Charlotte, NC: Information Age Publishing, Inc.
- Sterenberg, G., Barrett, L., Blood, N., **Glanfield, F.**, Lunney Borden, L., McDonnell, T., Nichol, C., & Weston, H. (2010). To become wise to the world around us: Multiple perspectives of relating Indigenous knowledges and mathematics education. *Vincurriculum*. (Reprint of delta-K article).
- Simmt, E., **Glanfield, F.**, & Sookochoff, S. (2000). Explanation and discourse in 9<sup>th</sup> grade mathematics classes. *delta-K*, 37(1), 46-53.
- Glanfield, F.** (1997). Students creating stories in math classes. *delta-K*, 34(2), 57-59.

## Edited Proceedings

- Glanfield, F.**, & Fonstad, C. (Eds.) (2001). Mathematical understanding: Four perspectives. *Proceedings of the Symposium About Mathematical Understanding*. Saskatoon SK: University of Saskatchewan.

## Major Reports

- Smith, M., Golfman, N., Battiste, M. Crichlow, W., Dolmage, J., **Glanfield, F.**, Malacrida, C., & Villeneuve, A-J. (2021). Igniting change: Final report and recommendations. (192 pages). Ottawa ON: Federation for the Humanities and Social Sciences.
- Glanfield, F.**, Mhina, C., & Rempel, P. (2018). Community capacity building for sexual violence prevention final report. (8 pages). Calgary AB: Policy Wise for Children & Families.
- Paslowski, L., **Glanfield, F.**, Mgombelo, J., Simmt, E., Binde, A., Ching'ole, P., & Luhindi, M. (2018). Capacity development for mathematics teaching in rural and remote communities of Tanzania final report. (192 pages). Ottawa ON: Global Affairs Canada.
- Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2017). How we are coming to know: Ways in which Indigenous and non-Indigenous ways of knowing, being, and doing circulate together in mathematics and science teaching and learning final report. (45 pages). Ottawa ON: Social Sciences and Humanities Research Council.

- Charles, C., McFeetors, P. J., & **Glanfield, F.** (2017). Assessment tools in mathematics: Literature review for Edmonton public schools. Edmonton AB: University of Alberta Centre for Mathematics, Science, and Technology Education. (34 pages).
- Glanfield, F.**, & Bazylak, D. (2012). *Factors contributing to the success of Aboriginal students in high school mathematics and science*. Research Report. Saskatoon SK: Dr. Stirling McDowell Foundation for Research into Teaching.
- Caine, V., Clandinin, D. J., **Glanfield, F.**, Donald, D., Bruno, S., Chung, S., Cardinal, T., Lessard, S., Swanson, C., Kootenay, I., & Cardinal, M. (2012). *A narrative inquiry into the educational experiences of Aboriginal youth and their families*. Research Report. Calgary AB: Alberta Centre for Child, Family, and Community Research.
- Murphy, M. S., **Glanfield, F.**, Campbell, K., Storey, K., Nelson, K., Clarke, C., Cox, C., Reeve, T. (2010). *The relationship between the assessment process and children's and teacher's knowledge and identity in mathematics*. Research Report. Saskatoon SK: Dr. Stirling McDowell Foundation for Research into Teaching.
- Glanfield, F.** (Ed.). (2003). *Supporting leaders in mathematics education: A sourcebook of essential information*. National Council of Supervisors of Mathematics, Denver CO.  
<http://www.ncsmonline.org/NCSMPublications/2000/sourcebook2000.html>
- Glanfield, F.**, Baczuk, D., Oviatt, A. (2003). *Developing secondary students mathematical understanding through student interaction*. Research Report. Saskatoon SK: Dr. Stirling McDowell Foundation for Research into Teaching.
- Gauthier, L., **Glanfield, F.**, & Hope, J. (April, 2003). *Report of the Yellowknife Catholic school board mathematics program review*. Saskatoon SK: Saskatchewan Educational Leadership Unit, University of Saskatchewan.
- Simmt, E., **Glanfield, F.**, Gierl, M., Hauk, M., Johnson, R., McCabe, K., Mgombelo, J., Mowat, E., Pinco, E., Quinn, B., Sookochoff, S. (1999). *The teaching practices project: Research into teaching practices in Alberta schools that have a history of students exceeding expectations on grade 9 provincial achievement tests in mathematics*, Edmonton AB: Alberta Education.

## **Non-Print Materials – Broadcast Video**

- Glanfield, F.** (2014). *Mathematics*. In N'gwii Kendaasmin – We'll Learn and Teach Together: First Nation Metis Inuit Video Series. Toronto, ON: Ontario Ministry of Education. (URL: <http://learnteachlead.ca/projects/ngwii-kendaasmin-well-learn-and-teach-together-first-nation-metis-inuit/?video=1&active=0>)
- Glanfield, F.** (2014). *Cultural Identity*. In N'gwii Kendaasmin – We'll Learn and Teach Together: First Nation Metis Inuit Video Series. Toronto, ON: Ontario Ministry of Education. (URL: <http://learnteachlead.ca/projects/ngwii-kendaasmin-well-learn-and-teach-together-first-nation-metis-inuit/?video=1&active=1>)
- Glanfield, F.** (2014). *Historical Similarities*. In N'gwii Kendaasmin – We'll Learn and Teach Together: First Nation Metis Inuit Video Series. Toronto, ON: Ontario Ministry of Education. (URL: <http://learnteachlead.ca/projects/ngwii-kendaasmin-well-learn-and-teach-together-first-nation-metis-inuit/?video=1&active=2>)

<http://learnteachlead.ca/projects/ngwii-kendaasmin-well-learn-and-teach-together-first-nation-metis-inuit/?video=1&active=2>)

**Glanfield, F.** (2014). *Promising Practices*. In N'gwii Kendaasmin – We'll Learn and Teach Together: First Nation Metis Inuit Video Series. Toronto, ON: Ontario Ministry of Education. (URL: <http://learnteachlead.ca/projects/ngwii-kendaasmin-well-learn-and-teach-together-first-nation-metis-inuit/?video=1&active=3>)

**Glanfield, F.** (2014). *Relationships*. In N'gwii Kendaasmin – We'll Learn and Teach Together: First Nation Metis Inuit Video Series. Toronto, ON: Ontario Ministry of Education. (URL: <http://learnteachlead.ca/projects/ngwii-kendaasmin-well-learn-and-teach-together-first-nation-metis-inuit/?video=1&active=4>)

**Glanfield, F.** (2014). *Respect Diversity*. In N'gwii Kendaasmin – We'll Learn and Teach Together: First Nation Metis Inuit Video Series. Toronto, ON: Ontario Ministry of Education. (URL: <http://learnteachlead.ca/projects/ngwii-kendaasmin-well-learn-and-teach-together-first-nation-metis-inuit/?video=1&active=5>)

## Materials for Use in Schools

- \***Glanfield, F., & Tang, J.** (2003). *How many people live in a Canadian household?* Statistics Canada: Census at School Project, Ottawa ON. <http://www19.statcan.ca>.
- \***Glanfield, F., & Tang, J.** (2003). *What a zoo?* Statistics Canada: Census at School Project, Ottawa ON. <http://www19.statcan.ca>.
- \***Glanfield, F., & Tang, J.** (2003). *How weird is our class?* Statistics Canada: Census at School Project, Ottawa ON. <http://www19.statcan.ca>.
- \***Glanfield, F., & Tang, J.** (2003). *Relationships between variables?* Statistics Canada: Census at School Project, Ottawa ON. <http://www19.statcan.ca>.
- \***Glanfield, F., & Tang, J.** (2003). *Bias or no bias?* Statistics Canada: Census at School Project, Ottawa ON. <http://www19.statcan.ca>.
- \***Glanfield, F., & Tang, J.** (2003). *Survey says? Who says?* Statistics Canada: Census at School Project, Ottawa ON. <http://www19.statcan.ca>.

\*Note: These six lessons have been translated and are used widely in English and French speaking Canada in grades 4 – 12 classrooms.

**Glanfield, F., & Taylor, K.** (2001). *The conic sections*. Regina SK: Saskatchewan Education and Saskatchewan Communications Network. <http://www.sasked.gov.sk.ca/docs/math30/conics>.

Alexander, R., Bennett, C., Coleborn, R., Davis, G., **Glanfield, F.**, Hope, Carol B., Khan, S., LeBlanc, D., Richards, B., Suffrin, D., Williams, P., Wood, E., Wunderlich, R., & Zorn, L. (2000). *Applied Mathematics 11 Source Book* (Western Canadian ed.). Don Mills, ON: Addison-Wesley Publishers Limited.

- Simmt, E., **Glanfield, F.**, Judah, M., McCabe, K., Boyce, S., Frizzel, B., Gordon-Calvert, L., Hardy, S., Hrimiuc, V., Marika, M., Meister, T., Shaw, B., & Mowat, E. (1999). *Connecting with Alberta's new mathematics curriculum*. Edmonton, AB: Centre for Mathematics Science and Technology Education & Edmonton Regional Consortium.
- Alexander, R., Kelly, B., Atkinson, P., Barry, M., Crouse, F., Davis, G., Gadanidis, G., Gauthier, L., **Glanfield, F.**, Nakamoto, J., Rajotte, L., Wood, E., & Wunderlich, R. (1999). *Addison-Mathematics 12* (Western Canadian ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Coleborn, R., Davis, G., **Glanfield, F.**, Khan, S., Nakamoto, J., Sufrin, D., Williams, P., Wood, E., Wunderlich, R., & Zorn, L. (1999). *Applied Mathematics 10 Source Book* (Western Canadian ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- McCabe, K., Simmt, E., **Glanfield, F.**, Meister, T., Mowat, E., & Wood, E. (1998). *Connecting with Alberta's new mathematics curriculum*. (1998). Edmonton, AB: Centre for Mathematics Science and Technology Education.
- Alexander, R., Kelly, B., Atkinson, P., Barry, M., Crouse, F., Davis, G., Gadanidis, G., Gauthier, L., **Glanfield, F.**, Nakamoto, J., Rajotte, L., Wood, E., & Wunderlich, R. (1998). *Addison-Mathematics 11* (Western Canadian ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Kelly, B., Atkinson, P., Barry, M., Crouse, F., Davis, G., Gadanidis, G., Gauthier, L., **Glanfield, F.**, Nakamoto, J., Rajotte, L., Wood, E., & Wunderlich, R. (1998). *Addison-Mathematics 10* (Western Canadian ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Kelly, B., Pallos-Haden, K., **Glanfield, F.**, Lancaster, R., Atkinson, P., Crouse, F., Forbes, J., & DeCoste, D. (1998). *Minds on math 7* (Ontario ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Kelly, B., Pallos-Haden, K., **Glanfield, F.**, Lancaster, R., Atkinson, P., Crouse, F., Forbes, J., & DeCoste, D. (1998). *Minds on math 8* (Ontario ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Colgan, L., Cowan, L., Crouse, F., Forbes, J., Gauthier, L., **Glanfield, F.**, & Pallos-Haden, K. (1998). *Minds on math 8 teacher's resource book* (Ontario ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Colgan, L., Cowan, L., Crouse, F., Forbes, J., Gauthier, L., **Glanfield, F.**, & Pallos-Haden, K. (1998). *Minds on math 7 teacher's resource book* (Ontario ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Colgan, L., Crouse, F., Forbes, J., Gauthier, L., **Glanfield, F.**, Johnson, I., Pallos-Haden, K., & Rajotte, L. (1997). *Minds on math 9 teacher's resource book* (Revised ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Colgan, L., Cowan, L., Crouse, F., Forbes, J., Gauthier, L., **Glanfield, F.**, & Pallos-Haden, K. (1997). *Minds on math 8 teacher's resource book* (Revised ed.). Don Mills, ON: Addison-Wesley Publishers Limited.

- Alexander, R., Colgan, L., Cowan, L., Crouse, F., Forbes, J., Gauthier, L., **Glanfield, F.**, & Pallos-Haden, K. (1997). *Minds on math 7 teacher's resource book* (Revised ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Glanfield, F.**, Gordon-Calvert, L., Hauk, M., McCabe, K., Townsend, S., Simmt, E. (1997). *Connecting with Alberta's new mathematics curriculum (1997)*. Edmonton, AB: Centre for Mathematics Science and Technology Education.
- Alexander, R., Kelly, B., Pallos-Haden, K., **Glanfield, F.**, Lancaster, R., Atkinson, P., Crouse, F., Forbes, J., & DeCoste, D. (1996). *Minds on math 7* (Revised ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Kelly B., Pallos-Haden, K., **Glanfield, F.**, Lancaster, R., Atkinson, P., Crouse, F., Forbes, J., & DeCoste, D. (1996). *Minds on math 8* (Revised ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Kelly, B., Pallos-Haden, K., **Glanfield, F.**, Lancaster, R., Atkinson, P., Crouse, F., Forbes, J., & DeCoste, D. (1996). *Minds on math 9* (Revised ed.). Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Kelly, B., Pallos-Haden, K., **Glanfield, F.**, Lancaster, R., Atkinson, P., Crouse, F., Forbes, J., & DeCoste, D. (1995). *Minds on math 7*. Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Kelly, B., Pallos-Haden, K., **Glanfield, F.**, Lancaster, P., Crouse, F., Forbes, J., & DeCoste, D. (1995). *Minds on math 8*. Don Mills, ON: Addison-Wesley Publishers Limited.
- Alexander, R., Colgan, L., Cowan, L., Crouse, F., Forbes, J., **Glanfield, F.**, & Gauthier, L. (1995). *Minds on math 8 teacher's resource book*. Don Mills, ON: Addison-Wesley Publishers Limited.
- Colgan, L., Crouse, F., Forbes, J., **Glanfield, F.**, Johnson, I., Pallos-Haden, K., & Rajotte, L. (1995). *Minds on math 9 teacher's resource book*. Don Mills, ON: Addison-Wesley Publishers Limited.
- Colgan, L., Cowan, L., Crouse, F., Forbes, J., Gauthier, L., **Glanfield, F.**, & Pallos-Haden, K. (1995). *Minds on math 7 teacher's resource book*. Don Mills, ON: Addison-Wesley Publishers Limited.
- Glanfield, F.**, & Pallos-Haden, K. (1995). *Fraction blocks*. Barrie, ON: Exclusive Educational Products.
- Glanfield, F.** (Ed.). (1992). *Mathematics at work in Alberta*. Calgary, AB: Transalta Utilities.

## PRESENTATIONS

**Total: 314**

### Summary

Invited: International	27
Invited: National	39
Invited: Local	74
Peer-Reviewed: International	87
Peer-Reviewed: National	29

**Invited: International**

- Glanfield, F.** (2021). *Indigenous scholar-administrators and university governance*. Invited panelist for the Weweni Indigenous Scholar Series, University of Winnipeg, Virtual.
- Glanfield, F.** (2020). *Gandhi's teachings woven through teaching, research, and administration*. Gandhian Thoughts and Philosophies: IIT Kharagpur & University of Alberta Joint International Symposium, Virtual.
- Glanfield, F.** (2018). *Indigenous knowledges, mathematics, journeys, and in-powerment*. California Mathematics Council Annual Meeting, Palm Springs CA.
- Glanfield, F.** (2017). *Learning about equity in mathematics education leadership through the lens of Indigenous perspectives*. National Council of Supervisors of Mathematics Annual Meeting, San Antonio TX.
- Glanfield, F.** (2016). *Weaving Indigenous perspectives & mathematics: Landscape of success for ALL learners, Part 2*. TODOS: Mathematics for ALL, On-line Webinar.
- Glanfield, F.** (2016). *Weaving Indigenous perspectives & mathematics: Landscape of success for ALL learners, Part 1*. TODOS: Mathematics for ALL, On-line Webinar.
- Glanfield, F.** (2015). *In response to "teaching as responsive to various conceptions of mathematics."* Psychology of Mathematics Education North American Chapter Annual Conference, University of Michigan, East Lansing MI.
- Simmt, E., **Glanfield, F.**, Halai, A., Kajoro, P., Maganga, N., Makombe, I., McIntyre, D., Mgombelo, J., Msabila, D., Ngalawa, A., & Wangeleja, M. (2014). *Partnership development to research possibilities for primary mathematics teacher development in rural and remote communities*. International Research Symposium, University of Alberta, Edmonton AB.
- Glanfield, F.** (2015). *Intergenerational conversations leading to identity as a researcher*. Academic Homeplace: An International Community in Teacher Education Conference, Centre for Research in Teacher Education and Development, University of Alberta, Edmonton AB.
- Glanfield, F.** (2014). *Mathematics: Working with Indigenous communities*. University of Alberta Faculty of Education Panel Presentation, University of Pretoria, Pretoria South Africa.
- Glanfield, F.** (2012). *Mathematics and the first peoples of North America*. TODOS: Mathematics for ALL, On-line Webinar.
- Glanfield, F.** (2012). *Inviting ALL children to be mathematicians*. Greater San Diego Mathematics Council Conference, San Diego CA.
- Glanfield, F.** (2011). *Talking with children about mathematical ideas*. National Council of Teachers of Mathematics Conference, Albuquerque NM.

- Glanfield, F. & Sookochoff, S. (2011).** *Complex numbers in Canada: A shadow of a former curriculum.* Park City Mathematics Institute: 2011 International Seminar, Park City UT.
- Glanfield, F. (2008).** *The story of mathematics: Case study of one Aboriginal student.* Topic Study Group of the International Congress on Mathematical Education, Monterrey Mexico.
- Glanfield, F. (2008).** *Weaving ALL children (and teachers) into mathematics.* Major Session, National Council of Supervisors of Mathematics 2008 Annual Conference, Salt Lake City UT.
- Glanfield, F. (2006).** *Inviting elementary mathematics teachers into the community of mathematics.* Academic Homeplace Conference, Centre for Research in Teacher Education and Development, University of Alberta, Edmonton AB.
- Glanfield, F. (2006).** *A reflection about mathematics teacher education programs in Canada.* The Canadian Mathematical Society (CMS) and the Sociedad Matemática Mexicana (SMM), Guanajuato Mexico.
- Glanfield, F. (2004).** *Secondary mathematics education curriculum developments: A Canadian perspective.* Keynote Presentation, Topic Study Group 2 at the 10<sup>th</sup> International Congress on Mathematical Education, Copenhagen DK.
- Glanfield, F. (2004).** *Defining mathematics for all students: How could this be achieved?* Keynote Presentation, National Council of Teachers of Mathematics Annual Meeting, Philadelphia PA.
- Glanfield, F. (2003).** *Encouraging secondary students' mathematical communication.* 42<sup>nd</sup> Northwest Mathematics Conference, Whistler BC.
- Glanfield, F. (2002).** *Knowing mathematics: The role of communication in high school classrooms.* National Council of Teachers of Mathematics Regional Meeting, Montreal QC.
- Glanfield, F. (2002).** *Teacher as researcher: Creating opportunities for research in your classroom.* National Council of Teachers of Mathematics Regional Meeting, Montreal QC.
- Glanfield, F. (2000).** *Implementing projects in secondary school mathematics to enhance students' communication of mathematical concepts.* 39<sup>th</sup> Northwest Mathematics Conference, Victoria BC.
- Glanfield, F. (2000).** *Knowing mathematics: The role of communication in high school classrooms.* National Council of Teachers of Mathematics Regional Meeting, Halifax NS.
- Glanfield, F. (2000).** *Connecting students' culture, geometric transformations, and tessellations.* National Council of Teachers of Mathematics Annual Meeting, Chicago IL.
- Glanfield, F. (1999).** *Learning from colleagues: Celebrating our journey of problem solving, reasoning, communication & connections.* Keynote Address, National Council of Teachers of Mathematics Annual Meeting, San Francisco CA.

**Invited: National**

- Glanfield, F.** (2021). *Igniting change: A conversation on equity, diversity, inclusion and decolonization*. Invited panelist for the Congress of Humanities and Social Science Research of Canada, Virtual.
- Glanfield, F.** (2021). *Enabling Indigenous scholarship in Canadian higher education*. Invited panelist for the Canadian Society for the Study of Higher Education Annual meeting opening plenary, Virtual.
- Glanfield, F.** (2021). *Practicing Indigenous-engaged scholarship*. Invited presentation for the Congress of Humanities and Social Science Research of Canada, Virtual.
- Glanfield, F.** (2020). *Engaging with First Nations, Métis, Inuit perspectives in mathematics education*. Invited plenary presentation for the annual meeting of the British Columbia Association of Mathematics Teachers, Virtual.
- Glanfield, F., & Nicol, C.** (2020). *Learning from/on/with land/place: Imagining possibilities for braiding Indigenous worldviews, mathematics, and teaching*. Invited presentation at the Canadian Mathematics Education Study Group Annual Meeting, University of Ottawa, Ottawa ON. Annual meeting cancelled due to COVID-19.
- Glanfield, F.** (2019). *Relationships with/in/around mathematics*. Invited presentation at the annual meeting of the Canadian Mathematics Education Study Group, Antigonish NS.
- Simmt, E., Binde, A., **Glanfield, F., & Mgombelo, J.** (2018). *Building complexity into development projects: A case study*. Invited panel presentation at the Fields Institute for Research in Mathematical Sciences, Toronto ON.
- Wiseman, D., **Glanfield, F., & Lunney Borden, L.** (2018). *How we are coming to know: Ways in which Indigenous and non-Indigenous ways of knowing, being, and doing might circulate together in mathematics and science teaching final report*. Invited presentation at the Fields Institute for Research in Mathematical Sciences, Toronto ON.
- Caron, F., **Glanfield, F., Maheux, J-F., & Phakeng, K.** (2016). *Exploring challenges and opportunities related to cultural diversity in publishing*. Invited panel presentation, FLM Publishing Association, Kingston ON.
- Glanfield, F., & Lunney Borden, L.** (2015). *Indigenous ways of knowing in mathematics*. Invited presentation at the Canadian Mathematics Education Study Group Annual Meeting, Université de Moncton, Moncton NB.
- Glanfield, F.** (2014). *N'gwii kendaasmin (We'll learn and teach together): Drawing on Indigenous knowledges to transform teaching and learning mathematics and science*. Invited plenary panel member, Ontario Institute for Studies in Education, Toronto ON.
- Glanfield, F.** (2012). *On becoming certain...about uncertainty in mathematics education*. Invited plenary presentation to the Saskatchewan Mathematics Teachers' Society annual SUM conference, Saskatoon SK.
- Glanfield, F.** (2012). *Two digit multiplication and beyond!* Invited presentation to the Saskatchewan Mathematics Teachers' Society annual SUM conference, Saskatoon SK.

- Glanfield, F.** (2011). *Relationship(s) within / to mathematics*. Invited presentation to the Northwestern Ontario Association of Mathematics Education 2011 Spring Gathering, Thunder Bay ON.
- Glanfield, F.** (April, 2011). *Awakening to Relations (or Relationality) in Research*. Invited presentation in the Mathematics, Science, Technology & Environmental Education Speaker Series, Lakehead University, Thunder Bay ON.
- Glanfield, F.** (2010). *Learning from children: Implications for mathematics lesson designs*. Conference Presentation, Ontario Association of Mathematics Education 2010 Annual Conference, St. Catharine's ON.
- Glanfield, F.** (2010). *Emerging relationships: Aboriginal peoples and mathematics*. Keynote Presentation, Ontario Association of Mathematics Education 2010 Annual Conference, St. Catharine's ON.
- Glanfield, F.** (October, 2010). *We are all related / we are all treaty people / we are all mathematics teacher educators*. Fields Institute MathEd Forum Meeting on Equity in Mathematics Education, University of Windsor, Windsor ON.
- Glanfield, F.** (2009). *The aboriginal learner: An inquiry into lived stories*. Conference Session, Western Canada Educational Administrators Conference, Edmonton AB.
- Glanfield, F.** (2009). *The new mathematics curriculum: What administrators need to know*. Conference Session, Western Canada Educational Administrators Conference, Edmonton AB.
- Glanfield, F.** (2008). *The literacy of mathematics curriculum-making*. Keynote Presentation, Sciematics: Saskatchewan Mathematics Teacher's Society, Saskatoon SK.
- Glanfield, F.** (2007). *Importance of investigating our practice in mathematics education*. The University of British Columbia Centre for the Study of Teacher Education, video-taped address, Vancouver BC.
- Glanfield, F. & Wiseman, D.** (2007). *Talking mathematics, talking science: Bridging meaning in the curriculum*. Keynote Presentation, Dreamcatching 2007: Workshops in Math & Science for Teachers of Aboriginal Students, Regina SK.
- Glanfield, F.** (2006). *Stories of Aboriginal high school students in mathematics and science*. NSERC CRYSTAL Annual National Meeting, Edmonton AB.
- Glanfield, F.** (2006). *Factors contributing to the success of aboriginal students in high school mathematics and science*. First Nations: Mathematics and Science Education at the Banff International Research Station for Mathematical Innovation and Discovery.
- Glanfield, F. & Cowan, D.** (2005). *Contemporary issues in mathematics/science education and Aboriginal communities*. Canadian Aboriginal Science and Technology Society Conference 2005, Sydney NS.

- Glanfield, F.** (2005). *The complexity of building communities interested in mathematics education.* Keynote Panel Presentation, 2005 Canadian Mathematics Education Forum, Fields Institute, University of Toronto, Toronto ON.
- Glanfield, F.** (2005). *Communicating in the mathematics classroom\_* Keynote Presentation, Dreamcatching 2005: Workshops in Math & Science for Teachers of Aboriginal Students, Native Access to Engineering Programme, Concordia University, Montreal QC.
- Glanfield, F.** (2005). *Multiple representations of fractions.* Ontario Association for Mathematics Education Annual Meeting, York University, Toronto ON.
- Glanfield, F.** (2005). *Defining mathematics for all students: How might this be achieved?* Keynote Presentation, Ontario Association for Mathematics Education Annual Meeting, York University, Toronto ON.
- Glanfield, F.** (2004). *Mathematics teacher understanding as an emergent phenomenon.* Canadian Mathematics Education Study Group Annual Meeting, Quebec QC.
- Glanfield, F.** (2003). *Western Canada regional perspective on mathematics education.* Canadian School Mathematics Forum, Canadian Mathematical Society, Montreal QC.
- Glanfield, F.** (2003). *Leadership in mathematics education: Three perspectives.* National Council of Supervisors of Mathematics National Meeting, Edmonton AB.
- Glanfield, F.** (2003). *Knowing secondary school mathematics.* Native Access to Engineering, Concordia University, Dreamcatching 2003: Professional Development Workshops in Math & Science for Teachers of Aboriginal Students, Montreal QC.
- Glanfield, F.** (2002). *Leadership in a new century: Challenges and celebrations.* National Council of Supervisors of Mathematics National Meeting, Regina SK.
- Glanfield, F.** (2002). *Mathematics education leadership: Focus on quality.* National Council of Supervisors of Mathematics National Meeting, Montreal QC.
- Glanfield, F.** (2000). *Hands-on activities in secondary school mathematics.* DreamCatchers: A Conference for Math and Science Teachers of Secondary Aboriginal Students, Faculty of Engineering, Concordia University, Montreal QC.
- Glanfield, F.** (1996). *The meaning of a mark: What does the mark tell us about students' learning mathematics?* Keynote Address; Atlantic Institute of Mathematics Education, Antigonish NS.

### **Invited: Local**

- Glanfield, F.** (2020). *Exploring responsibility to achieving inclusive and equitable quality education for all.* Invited presentation for University of Alberta International Week, Global Goals Talks series, Edmonton AB.

- Glanfield, F.** (2020). *Engaging with Indigenous perspectives in mathematics and science teaching*. Invited keynote presentation for Edmonton Catholic Schools Mathematics and Science Teacher Professional Learning, Edmonton AB.
- Glanfield, F.** (2019). *Supporting female Indigenous language holders to become certified teachers*. Invited presentation to a meeting of Chapter Q of PEO (an international Philanthropic Educational Organization of women), Edmonton AB.
- Glanfield, F.** (2019). *Reflections on foundational knowledge of First Nations, Métis, and Inuit in the Alberta teaching, leadership, and superintendent quality standards*. Invited presentation for The University of Alberta Chapter of Phi Delta Kappa, Edmonton AB.
- Glanfield, F.** (2019). *Engaging with Indigenous communities in science outreach*. Invited presentation for the Telus World of Science, Edmonton AB.
- Glanfield, F.,** Hoeg, D., Kim, M., Thomas, G., & Qablan, A. (2019). *STEM - Promise or peril*. Invited panel presentation for the Centre for Mathematics Science and Technology Education annual dinner, Edmonton AB.
- Glanfield, F.** (2018). *We are ALL teachers of numeracy*. Invited plenary presentation for the Yellowhead Tribal Council Annual Conference, Calgary AB.
- Glanfield, F.** (2018). *Understanding Indigenous perspectives in the leaders' quality standards*. Invited presentation for Centre High, Edmonton Public Schools, Edmonton AB.
- Stoddart-Morrison, R., Qin, Q., Araujo, A., Quiles-Fernandez, E., Baril, R., & **Glanfield, F.** (2018). *Experiences of participants in a seminar series about understanding and positioning oneself in the Canadian and Alberta education landscape: Influences on research*. Invited plenary presentation for the Departments of Elementary and Secondary Education Graduate Student Research Showcase, Edmonton AB.
- Stoddart-Morrison, R., Kwon, J. M., Qin, Q., Araujo, A., Quiles-Fernandez, E., Okyere, M., Baril, R., & **Glanfield, F.** (2018). *Experiencing the education landscape: Insights of international and local participants*. Invited presentation for the Department of Secondary Education, Edmonton AB.
- Simmt, E., **Glanfield, F.,** & Mgombelo, J. (2018). *Building complexity into development projects*. Invited presentation for the Centre for Mathematics, Science, and Technology Education, Edmonton AB.
- Glanfield, F.** (2017). *Numeracy across the curriculum*. Invited plenary presentation for the Yellowhead Tribal Council Annual Conference, Edmonton AB.
- Glanfield, F.** (2017). *Multiple perspectives in mathematics: Implication for teaching*. Invited presentation for the Yellowhead Tribal Council Annual Conference, Edmonton AB.
- De Vries, G., **Glanfield, F.,** Lore, P., Teghtmeyer, J., & Tran-Davies, N. (2017). *Current K-12 mathematics curriculum and instruction discussion*. Mathematics Council of the Alberta Teachers' Association, Red Deer AB.

- Herrera, M., Wang, X., Morrison, R., Mohammed, S., & **Glanfield, F.** (2017). *Traveling Stories: Learning about Teacher Education in Alberta and Canada from international perspectives*. Departments of Elementary and Secondary Education Graduate Students' Association Research Showcase, University of Alberta, Edmonton AB.
- Clarke, C., **Glanfield, F.**, & Thomas, G. (2016). *Alberta's curriculum review & update: Wisdom for the road ahead*. Education Society of Edmonton, Edmonton AB.
- Hunter, R. & **Glanfield, F.**, (2016). *International conversation: Is mathematics performance declining?* Centre for Mathematics Science and Technology Education, University of Alberta, Edmonton AB.
- Wang, X., Deogratias, E., Yin, I., Swai, C., Jin, Q., Jacobsen, K., & **Glanfield, F.** (2016). *Learning about Canadian and Alberta education contexts: Reflections from participants in a seminar series for international graduate students*. Centre for Research for Teacher Education & Development, Reconsidering Teacher Education Seminar Series, University of Alberta, Edmonton AB.
- Yin, I., Swai, C., Jin, Q., Herrera, M., Wang, X., Jacobsen, K., & **Glanfield, F.** (2016). *Ac/De/Re-culturation: Learning from Canadian and Alberta curriculum and teacher education*. Departments of Elementary and Secondary Education Graduate Students' Association Research Showcase, University of Alberta, Edmonton AB.
- Glanfield, F.**, Leighton, J., & Prochner, L. (2015). *What are hiring committees looking for?* Faculty of Education, University of Alberta, Graduate Student Seminar Series, Edmonton AB.
- Glanfield, F.** (2014). *Mathematics: Bridging Past Present Future*: Plenary speaker, Mathematics Council of the Alberta Teachers' Association annual conference, Calgary AB.
- Mikaelsen, H. & **Glanfield, F.** (2014). *Mathematics activities for summer camp*. Invited presentation, Mathematics Council of the Alberta Teachers' Association annual conference, Calgary AB.
- Glanfield, F.** (2014). *Mathematics education in rural Tanzania: An international collaboration*. Invited feature speaker for the Urban Spirit Rotary Club, Edmonton AB.
- Glanfield, F.** (2009). *Reflecting on student experiences in mathematics and science*. Plenary Session, WISEST, University of Alberta, Edmonton AB.
- Glanfield, F.** (2008). *The literacy of mathematics curriculum-making*. Keynote Session, SCIEMATICS 2008, Saskatchewan Mathematics Teacher Society, Saskatoon SK.
- Glanfield, F.** (2008). *Comprehending irrational numbers*. SCIEMATICS 2008, Saskatchewan Mathematics Teacher Society, Saskatoon SK.
- Reeve, T., Sharp, R., Clarke, C., Storey, K., & **Glanfield, F.** (2008). *Teacher research in primary mathematics*. SCIEMATICS 2008, Saskatchewan Mathematics Teacher Society, Saskatoon SK.
- Murphy, M. S., & **Glanfield, F.** (2008). *Positioning ourselves in research*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.

- Murphy, M. S., Clarke, C., Campbell, K., Storey, K., Cox, C., Nelson, K., & **Glanfield, F.** (2008). *The relationship between the assessment process and children's and teachers' knowledge and identity in mathematics: Data analysis*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.** & Bazylak, D. (2008). *Factors contributing to the success of Aboriginal students in high School mathematics and science: what we are learning from the teachers*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.** (2007). *Wondering about the specialist/generalist conversation in mathematics education*. Curriculum & Pedagogy Institute Seminar Series, University of Alberta, Edmonton AB.
- Glanfield, F.** & Bazylak, D. (2007). *Factors contributing to the success of Aboriginal students in high School mathematics and science: what we are learning from the students*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Murphy, M. S., Clarke, C., Campbell, K., Storey, K., Cox, C., Nelson, K., & **Glanfield, F.** (2007). *The relationship between the assessment process and children's and teachers' knowledge and identity in mathematics: Beginning the journey*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.** (2007). *Making connections: in mathematics, classrooms, and professionally*. Keynote Address, Saskatchewan Mathematics Teachers Society New Teachers Conference, Saskatoon SK.
- Glanfield, F.** (2006). *Connecting language and actions in learning about fractions*. SCIEMATICS 2006, Saskatchewan Mathematics Teacher Society, Regina SK.
- Glanfield, F.** (2006). *Envisioning the future*. Panelist, Saskatchewan Mathematics Teachers Society Saskatchewan Mathematics Forum, Saskatoon SK.
- Glanfield, F.** (2006). *Living and acting as a professional*. Keynote Address, Saskatchewan Mathematics Teachers Society New Teachers Conference, Saskatoon SK.
- Glanfield, F.** (2005). *Multiple representations of fraction knowing*. Mathematics Council of the Alberta Teachers Association 2005 Annual Conference, Edmonton AB.
- Glanfield, F.** & Bazylak, D. (2005). *Factors contributing to the success of Aboriginal students in high School mathematics and science: data collection*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.** (2004). *Images of numeracy: Teaching through the mathematical processes*. Keynote Presentation, Nippising University Checkmark Conference, North Bay ON.
- Glanfield, F.** (2004). *Making meaning of the multiplication and division of fractions*. Nippising University Checkmark Conference, North Bay ON.
- Glanfield, F.** (2004). *A tale of two subjects: Great mathematics! Great reading!* Southwestern Alberta Teachers Convention Association, Lethbridge AB.

- Glanfield, F.** (2004). *Teaching math for understanding. The “Ah-Ha!” moments*, Southwestern Alberta Teachers Convention Association, Lethbridge AB.
- Robinson, S., McVittie, J., & **Glanfield, F.** (2003). *Saskatchewan curriculum*. Saskatchewan Teachers’ Federation, Saskatoon SK.
- Glanfield, F.,** Baczuk, D., & Oviatt, A. (2002). *Developing secondary students’ mathematical understanding through student interaction: Final report*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.,** Baczuk, D., & Oviatt, A. (2001). *Developing secondary students’ mathematical understanding through student interaction: Interpreting data*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.,** Baczuk, D., & Oviatt, A. (2000). *Developing secondary students’ mathematical understanding through student interaction: Establishing the work*. Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.,** Hamblin, C., Pod, B., Tetreault, L., & Wipf, D. (2000). *Research: Teaching students to think*. Panel Discussion, Learning from Practice: Exchange of Teacher Knowledge and Research, Saskatoon SK.
- Glanfield, F.** (2000). *Celebrating new faculty*. Phi Delta Kappa, Saskatoon, SK.
- Glanfield, F.,** Aitken, N., Simmt, E., Gierl, M., d’Entremont, Y., & Kieren, T. (2000). *Improving student performance in K to 9 mathematics*. Panel Discussion, Alberta Education Seminar, Edmonton AB.
- Glanfield, F.** (2000). *Student voice in assessment in teacher education programs*. University of Saskatchewan, College of Education Faculty Development Series, Saskatoon SK.
- Glanfield, F.** (2000). *Reflections on pure and applied mathematics in Alberta*. Calgary City Teachers’ Convention, Alberta Teachers’ Association, Calgary AB.
- Glanfield, F.** (1999). *Constructivism and mathematics education*. Keynote Address, Saskatchewan Education Catalyst Teacher Meeting, Saskatoon, SK.
- Glanfield, F.,** Ludwig, S., Martin, C., & Shostak, D. (1999). *Tales of implementing communication in mathematics 10 pure*. Annual Dinner Meeting for Mathematics Teachers, Centre for Mathematics Science and Technology Education, University of Alberta, Edmonton AB.
- Glanfield, F.** (1999). *Student voice in assessment in teacher education programs*. Graduate Seminar at the University of Alberta, Edmonton, AB.
- Glanfield, F.** (1999). *Using fraction blocks in the middle years*. Saskatoon Public School Division Teachers Convention, Saskatoon SK.
- Glanfield, F.** (1999). *Using & scoring open-ended questions in secondary mathematics classrooms*. Saskatoon Public School Division Teachers Convention, Saskatoon SK.

- Glanfield, F.** (1997). *Assessment strategies for secondary school mathematics*. Greater Edmonton Teachers Convention Association, Edmonton AB.
- Glanfield, F.** (1997). *Using algebra tiles to teach algebra concepts*. Alberta Christian Schools Association Teachers Convention, Three Hills AB.
- Glanfield, F.** (1997). *Using fraction blocks to teach fraction concepts*. Alberta Christian Schools Association Teachers Convention, Three Hills AB.
- Glanfield, F.** (1996). *Assessing process and product in grades 10 - 12 mathematics*. Saskatoon Public Teachers' Convention Association, Saskatoon SK.
- Glanfield, F.** (1996). *Activities for implementing grades 6, 7, 8 & 9 mathematics*. Saskatoon Public/Moose Jaw Teachers' Convention Association, Saskatoon/Moose Jaw SK; Central/Southwestern/Southeastern Alberta/Calgary City Teachers' Convention Association, Red Deer/Lethbridge/Medicine Hat/Calgary AB.
- Glanfield, F.** (1995). *Assessment in mathematics: How and why it is changing?* Alberta Assessment Consortium Annual Meeting, Calgary AB.
- Glanfield, F.** (1995). *Assessment in mathematics: How and why it is changing?* Keynote Address; Saskatchewan Mathematics Teachers' Society Conference, Regina SK.
- Glanfield, F.** (1995). *Hands-on activities for junior high school mathematics*. Southwestern Alberta Teachers' Convention, Lethbridge AB.
- Glanfield, F.** (1995). *What mathematics is important to learn and how should we assess it?* Yellowknife Teachers' Convention, Yellowknife NT.
- Glanfield, F.** (1995). *Communication in the mathematics classroom (K – 12)*. Yellowknife Teachers' Convention, Yellowknife NT
- Glanfield, F.** (1995). *Technology in the mathematics classroom*. Yellowknife Teachers' Convention, Yellowknife NT.
- Glanfield, F.** (1994). *What mathematics is important to learn and how should we assess it?* Yukon Teachers' Association Convention, Whitehorse YK.
- Glanfield, F.** (1994). *What mathematics is important to learn?* North Central Alberta Teachers' Convention Association, Edmonton AB.
- Glanfield, F.** (1992). *Assessing problem solving on the diploma exam*. Northeastern Alberta Teachers' Convention Association, Edmonton AB.
- Glanfield, F.** (1991). *Assessment in high school mathematics*. Northeastern/Southwestern Alberta/Mighty Peace Teachers' Convention Association, Edmonton/Lethbridge/Grande Prairie AB.

**Glanfield, F.** (1990). *Directions in high school mathematics curriculum*. Greater Edmonton Teachers' Convention Association, Edmonton AB.

### **Peer-Reviewed: International**

**Glanfield, F.** (2021). *Intersections of Indigenous knowledge systems and mathematics education*. Topic Study Group 48 at the 14th gathering of the International Congress of Mathematical Education, Virtual.

Swai, C., Mgombelo, J., **Glanfield, F.**, Simmt, E., & Binde, A. (2021). *Capacity development for mathematics teaching in Tanzania: A follow up of impact on participants*. Topic Study Group 61 at the 14th gathering of the International Congress of Mathematical Education, Virtual.

Thom, J. S., Nicol, C., Fritzlan, A., Francis, K., **Glanfield, F.**, & Ghostkeeper, E. (2021). *Re-storying the M in STEM: How mathematics education might / can shape STEM and STEM education*. 6th Annual STEM in Education Conference, Virtual.

**Glanfield, F.** (2021). *Intersection of Indigenous knowledge systems and mathematics education to achieve inclusive classrooms*. TODOS: Mathematics for ALL Conference, Virtual.

Thom, J. S., **Glanfield, F.**, McGarvey, L., Simmt, E., Mgombelo, J., Proulx, J., & Towers, J. (2021). *Research tools for collectivity: Tracking mathematics classes*. Research Forum (3 presentations over 4.5 hours) for the Psychology of Mathematics Education (North American Chapter) Annual meeting, Virtual.

Yuen, C., Lu, C., **Glanfield, F.**, Adams, C., & Cutumisu, M. (2021). *Validating educational assessments: The Callysto computational thinking test*. Poster presentation. American Educational Research Association (AERA), Virtual.

Lu, C., Yuen, C., **Glanfield, F.**, Adams, C., & Cutumisu, M. (2021). *Using structural equation modeling to examine the relationship between computational thinking attitudes and skills*. American Educational Research Association (AERA), Virtual.

**Glanfield, F.** (2021). *Interweaving Indigenous knowledge systems and school mathematics: Lessons for equity*. National Council of Teachers of Mathematics Annual Meeting & Exposition, Virtual.

**Glanfield, F.** (2020). *Intersection of Indigenous knowledge systems and mathematics education to achieve inclusive classrooms*. TODOS: Mathematics for ALL Conference, Scottsdale AZ. Proposal accepted, meeting postponed due to COVID19.

**Glanfield, F.** (2020). *Intersections: Indigenous perspectives, mathematics teaching and learning*. National Council of Teachers of Mathematics Annual Meeting & Exposition, Chicago IL. Proposal accepted, meeting cancelled due to COVID19.

Swai, C. Z., & **Glanfield, F.** (2019). *Awareness-in-action: Mathematics teacher leadership in Tanzania*. The International Group of the Psychology of Mathematics Education, Pretoria, South Africa.

**Glanfield, F.**, Thom, J. S., & Ghostkeeper, E. (2019). *Living landscapes and topographies*. American Educational Research Association Annual Meeting, Toronto ON.

- Glanfield, F.** (2019). *Concept study: Professional learning of/by/with mathematics teachers*. National Council of Teachers of Mathematics Annual Meeting & Exposition, San Diego CA.
- Silver, E., **Glanfield, F.**, & Suurtaam, C. (2019). *Supporting mathematics teachers for excellence and equity: The case of Canada*. Association of Mathematics Teacher Educators, Orlando FL.
- Glanfield, F.**, Mgombelo, J., Binde, A., Simmt, E., Paslawski, L. & Ching'ole, P. (2018). *Impact of using complexity science on capacity development for primary mathematics teaching in rural and remote communities*. The 5<sup>th</sup> Africa Mathematics Educational Congress, Dar Es Salaam TZ.
- Swai, C. Z., & **Glanfield, F.** (2018). *Introducing the strangers: Mathematics teacher leaders and their roles in the professional learning context in Tanzania*. The 5<sup>th</sup> Africa Mathematics Educational Congress, Dar Es Salaam TZ.
- McGarvey, L., Thom, J., Mgombelo, J., Proulx, J., Simmt, E., **Glanfield, F.**, Martin, L., & Towers, J. (2018). *Vital signs of collective life in the classroom*. The International Group of the Psychology of Mathematics Education, Umea, Sweden.
- Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2018). *A knowledge synthesis of how Indigenous and non-Indigenous ways of knowing, doing, and being might circulate together in mathematics education*. TODOS: Mathematics for ALL Conference, Scottsdale AZ.
- Glanfield, F.** (2018). *Concept study as professional learning*. National Council of Teachers of Mathematics Annual Meeting & Exposition, Washington DC.
- Silver, E., **Glanfield, F.**, Sinclair, N., & Suurtaam, C. (2018). *Northern exposure: Canadian lessons on excellence and equity in mathematics education*. National Council of Teachers of Mathematics Research Conference, Washington DC.
- Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2018). *Indigenous ways of knowing, being, and doing in Canadian mathematics teaching and learning*. National Council of Teachers of Mathematics Research Conference, Washington DC.
- Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2018). *Indigenous ways of knowing, being, and doing in Canadian science and mathematics teaching and Learning: A knowledge synthesis report*. American Educational Research Association Annual Meeting, New York NY.
- Glanfield, F.** (2017). *Weaving Indigenous perspectives with mathematics teaching*. National Council of Teachers of Mathematics Regional Meeting, Orlando FL.
- McGarvey, L., **Glanfield, F.**, Mgombelo, J., Thom, J., Simmt, E., Davis, B., Martin, L., Proulx, J., Towers, J., & Luo, L. (2017). *Monitoring the vital signs of classroom life*. National Council of Teachers of Mathematics Research Conference, San Antonio TX.
- Glanfield, F.**, Mgombelo, J., Simmt, E., & Binde, A. (2016). *Primary mathematics teacher development in rural communities: Lessons learned from an international research partnership*. 13<sup>th</sup> International Congress of Mathematical Education, Hamburg Germany.

- Glanfield, F.,** Mgombelo, J., & Simmt, E. (2016). *Rural elementary mathematics teacher education through international partnerships*. National Council of Teachers of Mathematics Research Conference, San Francisco CA.
- Glanfield, F.,** Mgombelo, J., & Simmt, E. (2016). *Primary mathematics teacher development in rural communities: Lessons learned from a multi-organizational, interdisciplinary, international research partnership*. Comparative and International Education Society, Vancouver BC.
- Glanfield, F.** (2016). *Wichitowin: Exploring mathematics education leadership through the lens of indigenous perspectives*. TODOS: Mathematics for ALL, Scottsdale AZ.
- McGarvey, L., Davis, B., **Glanfield, F.,** Martin, L., Mgombelo, J., Proulx, J., Simmt, E., Thom, J., & Towers, J. (2015). *Collective learning: Conceptualizing the possibilities in the mathematics classroom*. Psychology of Mathematics Education North American Chapter, East Lansing MI.
- Glanfield, F.,** Mgombelo, J., & Simmt, E. (2015). *Conceptualizing and actualizing international partnerships for training and support for mathematics teaching*. Comparative and International Education Society, Washington DC.
- Glanfield, F.** (2015). *Area: Building relationships between whole number and fraction multiplication*. National Council of Teachers of Mathematics Annual Meeting, Boston MA.
- Glanfield, F.,** Mgombelo, J., Binde, A., & Simmt, E. (2014). *Capacity development for mathematics teaching in rural and remote communities in Tanzania*. Comparative and International Education Society, Toronto ON.
- Simmt, E., **Glanfield, F.,** Halai, A., Kajoro, P., Maganga, N., Makombe, I., McIntyre, D., Mgombelo, J., Msabila, D., Ngalawa, A., & Wangeleja, M. (2014). *Research possibilities for primary mathematics teacher development in rural communities through a multi-organization partnership*. Engagement Scholarship Consortium Conference, Edmonton AB.
- Glanfield, F.** (2014). *From whole numbers to fractions and beyond*. National Council of Teachers of Mathematics Annual Meeting, New Orleans LA.
- Glanfield, F.** (2014). *Engaging with Indigenous perspectives in mathematics teacher development*. TODOS: Mathematics for ALL, Phoenix AZ.
- Glanfield, F.,** Sterenberg, G., & Donald, D. (2013). *Sustaining equity in mathematics performance through culturally relational practices*. National Council of Teachers of Mathematics Annual Meeting, Denver CO.
- Glanfield, F.,** Sterenberg, G., & Donald, D. (2013). *Enacting miyo-wichitowin through culturally relational research practices*. American Educational Research Association Annual Meeting, San Francisco CA.
- Clandinin, D. J., Caine, V., Cardinal, T., Swanson, C., **Glanfield, F.,** Lessard, S., Huber, J., & Murphy, M. S. (2013). *Children & youth's worlds of curriculum making*. Invisible College, Self Study of Teacher Education Special Interest Group of the American Educational Research Association Pre-conference Meeting, San Francisco CA.

- Wiseman, D., Onuczko, T., **Glanfield, F.**, Mountain Horse, A., & Appelt, S. (2012). *Inviting preservice teachers to consider a space for the integration of Indigenous perspectives in the science classroom: Conversations emergent from a(n attempted) change in practice in preservice education*. Northwest Association of Teacher Educators 2012 Conference, Edmonton AB.
- Caine, V., Bruno, S., Cardinal, T., Chung, S., Clandinin, D. J., **Glanfield, F.**, & Lessard, S. (2012). *Creating a narrative inquiry space in a school place: Exploring the tensions and possibilities*. American Educational Research Association Annual Meeting, Vancouver BC.
- Wiseman, D., **Glanfield, F.**, & Donald, D. (2012). *Meeting places in the garden: Meaning making around the integration of Indigenous perspectives in secondary science teacher education*. American Educational Research Association Annual Meeting, Vancouver BC.
- Glanfield, F.**, Simmt, E., Mgombelo, J., Wiseman, D., Halai, A., Makombe, I., Msabila, D., & Ngalawa, A. (2012). *Supporting elementary mathematics education in rural Tanzanian communities: Developing relationships and international, interdisciplinary, cross-sector partnerships*. American Educational Research Association Annual Meeting, Vancouver BC.
- Evans, P., Stiles, A., Craig, C. J., & **Glanfield, F.** (2012). *Conducting narrative inquiries in stereotypically quantitative research areas*. Invisible College, Self Study of Teacher Education Special Interest Group of the American Educational Research Association Pre-conference Meeting, Vancouver BC.
- Glanfield, F.**, Murphy, M. S., & Ward, A. (2012). *Teaching as intellectual work*. Invisible College, Self Study of Teacher Education Special Interest Group of the American Educational Research Association Pre-conference Meeting, Vancouver BC.
- Ngalawa, A. & **Glanfield, F.** (2012). *Education reforms: A case study of mathematics education in a rural primary school in Tanzania*. Tanzania National Conference on Education, Dar Es Salaam Tanzania.
- Glanfield, F.**, Sterenberg, G., & Donald, D. (2012). *Sustaining equity in mathematics performance through culturally respectful practices*. National Council of Teachers of Mathematics Annual Meeting, Philadelphia PA.
- Glanfield, F.**, Murphy, M. S., & Sterenberg, G. (2011). *Teachers as learners, children as teachers of mathematics*. National Council of Teachers of Mathematics Annual Meeting, Indianapolis IN.
- Donald, D., **Glanfield, F.**, & Sterenberg, G. (2011). *Re-Imagining culturally relational education with an indigenous community*. American Educational Research Association Annual Meeting, New Orleans LA.
- Murphy, M. S., **Glanfield, F.**, Ward, A., Chung, S., & Driedger-Enns, L. (2011). *Tensions in early career teachers' stories to live by: Identity making in conflicting and competing stories*. American Educational Research Association Annual Meeting, New Orleans LA.

- Glanfield, F.,** Murphy, M. S., Stevens, D., Chung, S., & Ward, A. (2011). *Intellectual work in teaching: Expressions in the lives of early career teachers*. American Educational Research Association Annual Meeting, New Orleans LA.
- Glanfield, F. & Wiseman, D.** (2011). *What emerges from relationship? Reconsidering how we attend to mathematics and science learning, teaching, and research*. American Association for the Advancement of Curriculum Studies 10<sup>th</sup> Annual Meeting, New Orleans LA.
- Glanfield, F.,** Murphy, M. S., & Sterenberg, G. (2010). *Learning about mathematics in conversation with children*. National Council of Teachers of Mathematics Annual Meeting, San Diego CA.
- Glanfield, F.,** Clarke, C., Campbell, K., Storey, K., Cox, C., Nelson, K., & Murphy, M. S. (2009). *Learning from mathematical conversations with children*. National Council of Teachers of Mathematics Annual Meeting. Washington DC.
- Glanfield, F.,** Martin, L., Murphy, S. M., & Towers, J. (2009). *Co-emergence and collective mathematical knowing*. 33<sup>rd</sup> Conference of the International Group for the Psychology of Mathematics Education, Thessaloniki, Greece.
- Glanfield, F.,** Sterenberg, G. Donald, D., Poitras-John, C., Youngchief, C., & Sept, B. (2009). *Ways in which First Nation children know mathematics*. Dreamcatching 2009, Mount Pleasant Educational Services Inc., Winnipeg MB.
- Glanfield, F.,** Murphy, M. S., & Ward, A. (2009). *Understanding teaching as intellectual work*. Research Self Study Special Interest Group of the American Educational Research Association Pre-conference Meeting, San Diego CA.
- Glanfield, F.,** Sterenberg, G., & Donald, D. (2009). *Researchers' shifting knowledge and identity in an Indigenous context*. American Educational Research Association 2009 Annual Meeting, San Diego CA.
- Glanfield, F.,** Murphy, M. S., & Pushor, D. (2008). *Writing a story to live by as a mathematics teacher: Identity and content*. Research Pre-session of the National Council of Teachers of Mathematics 2008 Annual Meeting & Exposition, Salt Lake City UT.
- Glanfield, F.,** Pushor, D., & Murphy, M. S. (2008). *Narrative constructions: Elementary teachers' mathematical knowledge, practices, and identity*. American Educational Research Association 2008 Annual Meeting, New York NY.
- Glanfield, F. & Murphy, M. S.** (2008). *Borders of teacher identity*. Self Study Special Interest Group of the American Educational Research Association Pre-conference Meeting, New York, NY.
- Glanfield, F.** (2007). *Inviting teachers to "see themselves" as a mathematics teacher*. National Council of Teachers of Mathematics Annual Meeting.
- Glanfield, F. & Cameron, D.** (2006). *Talking mathematics and science: Language, culture, and concept construction*. National Council of Teachers of Mathematics Annual Meeting, St. Louis MO.

- Glanfield, F. & Cameron, D. (2006).** *Talking math, talking science: Bridging meaning in the curriculum.* National Council of Supervisors of Mathematics Annual Meeting, St. Louis MO.
- Glanfield, F. (2006).** *Using narrative as a way to explore mathematics teacher understanding.* Narrative Matters, Wolfville NS.
- Glanfield, F. (2004).** *Supporting leaders in mathematics education online.* National Council of Supervisors of Mathematics Annual Meeting, Philadelphia PA.
- Glanfield, F. & Gauthier, L. (2004).** *Mathematics program review: A story of collaboration.* National Council of Supervisors of Mathematics Annual Meeting, Philadelphia PA.
- Glanfield, F. (2003).** *Mathematics makes sense.* National Council of Teachers of Mathematics Regional Meeting, Edmonton AB.
- Glanfield, F. (2003).** *Mathematics assessment K – 2.* National Council of Teachers of Mathematics Regional Meeting, Edmonton AB.
- Glanfield, F. (2003).** *Knowing mathematics: The role of communication in high school classrooms.* National Council of Teachers of Mathematics Annual Meeting, San Antonio TX.
- Glanfield, F. (2002).** *Teacher as researcher: Creating opportunities for research in your classroom.* National Council of Teachers of Mathematics Regional Meeting, Regina SK.
- Glanfield, F. (2002).** *Mathematics as a language: Ideas to consider.* National Council of Teachers of Mathematics Regional Meeting, Regina SK.
- Glanfield, F. (2002).** *Issues related to implementing appropriate technology in classrooms: Views of mathematics leaders.* Teachers Teaching with Technology Annual Meeting, Calgary AB.
- Glanfield, F. (1998).** *Using narrative to explore mathematics teachers' growing understanding of mathematical processes.* International Conference of Teacher Researchers, San Diego CA.
- Glanfield, F. (1998).** *So it's your first year teaching mathematics.* National Council of Teachers of Mathematics Regional Meeting, Calgary AB.
- Glanfield, F. (1998).** *Using open-ended questions in the grades 4-6 classrooms.* National Council of Teachers of Mathematics Regional Meeting, Calgary, AB.
- Glanfield, F. (1998).** *An introduction to Addison-Wesley's mathematics 11.* National Council of Teachers of Mathematics Regional Meeting, Calgary AB.
- Glanfield, F. & Florence, M. (1998).** *Coming to an understanding of reform in mathematics education.* National Council of Supervisors of Mathematics Annual Meeting, Washington DC.
- Glanfield, F. (1997).** *Using and developing scoring rubrics for open-ended questions in grades 10-12 mathematics.* Northwest Mathematics Conference, Whistler BC.

**Glanfield, F.** (1997). *An introduction to the new grade 10 pure mathematics program*. Northwest Mathematics Conference, Whistler BC.

**Glanfield, F.** (1997). *A trip through minds on math*. Northwest Mathematics Conference, Whistler BC.

**Glanfield, F.** (1996). *Using fraction blocks to teach concepts about fractions, grades 5-8*. National Council of Teachers of Mathematics Regional Meeting, Vancouver BC

**Glanfield, F.** (1996). *Learn how to build and use scoring rubrics for open-ended questions*. National Council of Teachers of Mathematics Annual Meeting, San Diego CA.

**Glanfield, F.** (1995). *Learn how to build and use scoring rubrics for open-ended questions*. National Council of Teachers of Mathematics Regional Meeting, St. John's NF.

**Glanfield, F.** (1994). *Linking problem solving and authentic assessment on paper and pencil tests*. National Council of Teachers of Mathematics Annual Meeting, Indianapolis IN.

**Glanfield, F.** (1993). *Assessment of problem solving in large scale assessment*. National Council of Teachers of Mathematics Regional Meeting, Winnipeg MB.

**Glanfield, F.** & Shortt, A. (1993). *Graphing calculators and exams: It's how we ask the questions that counts*. National Council of Teachers of Mathematics Annual Meeting, Seattle WA.

**Glanfield, F.** (1993). *Technology in large scale assessment*. National Council of Supervisors of Mathematics Annual Meeting, Seattle WA.

**Glanfield, F.** (1990). *Assessment in high school mathematics*. National Council of Teachers of Mathematics Regional Meeting, Calgary AB.

### **Peer-Reviewed: National**

Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2021). *Indigenous ways of knowing, doing, and being in Canadian science and mathematics teaching and learning*. Canadian Society for the Study of Education Annual Conference, Virtual.

**Glanfield, F.**, Ghostkeeper, E., & Thom, J. S. (2020). *Living landscapes, topographies, architecture, and algo-rhythms; Re-imagining STEM within Indigenous and ecological perspectives*. ThinkIndigenous Conference, Edmonton AB.

Ghostkeeper, E., & **Glanfield, F.** (2020). *What is the meaning of climate and change?* ThinkIndigenous Conference, Edmonton AB.

**Glanfield, F.**, Ghostkeeper, E., & Thom, J. S. (2020). *Re-Imagining STEM within Indigenous and ecological perspectives*. Canadian Region of the American Indian Science and Engineering Society National Gathering, Saskatoon SK.

Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2019). *Circulating together: Indigenous and non-Indigenous ways of knowing, doing, and being in Canadian science and mathematics education*. ThinkIndigenous Conference, Edmonton AB.

- Ghostkeeper, E., & **Glanfield, F.** (2019). *Jigging Métis algorithms*. ThinkIndigenous Conference, Edmonton AB.
- Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2019). *Circulating together: Indigenous and non-Indigenous ways of knowing, doing, and being in Canadian science and mathematics education*. Assembly of First Nations Directors of Education National Forum, Halifax NS.
- Mgombelo, J., Simmt, E., & **Glanfield, F.** (2018). *Building complexity into capacity development for mathematics teaching and learning: A case study*. Poster presentation at the Canadian Mathematics Education Study Group Annual Meeting, Squamish BC.
- Paslowski, L., Binde, A., **Glanfield, F.**, Mgombelo, J. & Simmt, E., (2018). *Capacity development for mathematics teaching in rural and remote communities in Tanzania final analysis*. Poster presentation at the Canadian Mathematics Education Study Group Annual Meeting, Squamish BC.
- Wiseman, D., **Glanfield, F.**, & Lunney Borden, L. (2018). *How Indigenous and non-Indigenous ways of knowing, doing, and being might circulate together in science and mathematics education: A knowledge synthesis, 2006 – 2017*. Canadian Society for the Study of Education Annual Conference, Regina SK.
- Ngalawa, A., & **Glanfield, F.** (2013). *Community support in enhancing the teaching and learning of mathematics: Lessons from a school case in remote rural area of Tanzania in Africa*. National Congress on Rural Education, Saskatoon SK.
- Donald, D., **Glanfield, F.**, & Sterenberg, G. (2011). *Living ethically within conflicts of colonial and relational logics*. Canadian Association of Curriculum Studies, Provoking Curriculum Conference, Edmonton AB.
- Ward, A., **Glanfield, F.**, & Murphy, M. S. (2011). *School & school district administrators' perspectives on teaching as intellectual work*. Canadian Society for the Study of Education 2011 Annual Meeting, Fredericton NB.
- Ward, A., **Glanfield, F.**, Murphy, M. S., Lemisko, L. (2010). *The potential of field experiences in preparing teacher candidates for teaching as intellectual work*. Canadian Association of Teacher Education Pre-conference Meeting, Canadian Society for the Study of Education 2010 Annual Meeting, Montreal QC.
- Ward, A., **Glanfield, F.**, Murphy, M. S., Stevens, D., & Chung, S. (2010). *Teaching as intellectual work: Perspectives of early career teachers*. Canadian Society for the Study of Education 2010 Annual Meeting, Montreal QC.
- Glanfield, F.**, & Murphy, M. S., & Pushor, D. (2008). *Coming to live as a mathematics teacher: Exploring the influence of family*. Canadian Society for the Study of Education 2008 Annual Meeting, Vancouver BC.
- Donald, D., **Glanfield, F.**, & Sterenberg, G. (2008). *Toward an organic conception of culture and tradition: Enacting Aboriginal wisdom traditions in Canadian curricular contexts*. Canadian

Association of Curriculum Studies Pre-conference Meeting, Canadian Society for the Study of Education 2008 Annual Meeting, Vancouver BC.

**Glanfield, F. & Murphy, M. S. (2007).** *Mathematics teacher educator identity: A specialist and generalist conversation.* Canadian Society for the Study of Education 2007 Annual Meeting, Saskatoon SK.

**Glanfield, F. (2007).** *Factors contributing to the success of Aboriginal high school students in mathematics and science.* Manitoba Education Research Network, Winnipeg MB.

**Glanfield, F., & Hart, B. (2005).** *Report of the 2005 national forum on mathematics education: Recommendations and developments.* Unlocking our Children's Potential: Literacy and Numeracy as a Foundation, Ontario's Numeracy & Literacy Secretariat, Toronto ON.

**Glanfield, F. (2005).** *K-6th grade mathematics teacher knowing: Developing mathematical knowledge through professional communities.* Unlocking our Children's Potential: Literacy and Numeracy as a Foundation, Ontario's Numeracy & Literacy Secretariat, Toronto ON.

**Glanfield, F., Squires, D., & Clapson, J. (2005).** *Thinking about teacher candidates' developing mathematical understanding.* WestCAST 2005 Annual Conference of the Western Canadian Association for Student Teaching, Saskatoon SK.

**Glanfield, F. (2004).** *Teacher understanding as an emergent phenomenon: An example from mathematics education.* WestCAST 2004 Annual Conference of the Western Canadian Association for Student Teaching, Edmonton AB.

**Glanfield, F. (2000).** *Developing discourse communities in a secondary mathematics classroom.* Canadian Society for the Study of Education, Edmonton AB.

**Glanfield, F. (1997).** *A trip through minds on math.* Ontario Association of Mathematics Education Annual Meeting, Toronto ON.

**Glanfield, F. (1997).** *Using spreadsheets and databases in the grades 7, 8, & 9 mathematics program.* Ontario Association of Mathematics Education Annual Meeting, Toronto ON.

**Glanfield, F. (1996).** *Designing and using scoring rubrics for grades 10-12 mathematics.* Atlantic Institute of Mathematics Education, Antigonish NS.

**Glanfield, F. (1996).** *Designing and using scoring rubrics for grades 7-9 mathematics.* Atlantic Institute of Mathematics Education, Antigonish NS.

**Glanfield, F. (1992).** *Assessment of problem solving in large scale assessment.* Ontario Association of Mathematics Educators Annual Meeting, Toronto ON.

### **Peer-Reviewed: Local**

Lu, C., Yuen, C., **Glanfield, F.**, Adams, C., & Cutumisu, M. (2021). *Assessing pre-service teachers' data literacy self-efficacy with the Callysto computational thinking test (CCTt).* EEGSA/SEGSA Graduate Student Showcase, Edmonton AB.

- Glanfield, F.** (2019). *Pathway to teacher certification for Indigenous language speakers*. University of Alberta Situated Knowledges: Indigenous Peoples and Places Signature Area Research Forum, Faculty of Education, University of Alberta, Virtual.
- Glanfield, F.** (2018). *Through a lens of Indigenous perspectives: Equity in mathematics and science teaching*. Joint conference of the Mathematics Council & Science Council of the Alberta Teachers' Association, Edmonton AB.
- Wiseman, D., **Glanfield, F.** & Lunney Borden, L. (2018). *Indigenous ways of knowing, being, and doing in Canadian science and mathematics education*. Joint conference of the Mathematics Council & Science Council of the Alberta Teachers' Association, Edmonton AB.
- Herrera, M., Wang, X., Morrison, R., Mohammed, S., & **Glanfield, F.** (2017). *Reflections on teaching in Canada and abroad*. University of Alberta International Week, Edmonton AB.
- Yin, I., Park, J., Swai, C., Jin, Q., Herrera, M., Wang, X., Jacobsen, K., & **Glanfield, F.** (2016). *Learning about Canadian and Alberta education contexts: Reflections from international graduate students*. University of Alberta International Week, Edmonton AB.
- Wiebe-Buchanan, C. & **Glanfield, F.** (2014). *Taking mathematics outside*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Calgary AB.
- Glanfield, F.** (2012). *From Two Digit Multiplication to Fractions and Beyond*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Jasper AB.
- Appelt, S., Wiseman, D., Onuczko, T., & **Glanfield, F.** (2012). *Inquiry in the garden: Teaching science with open-ended, living projects*. Science Council of the Alberta Teachers' Association Annual Meeting, Banff AB.
- Bruno, S., Caine, V., Cardinal, T., Chung, S., Clandinin, D. J., Donald, D., **Glanfield, F.**, & Kootenay, I. (2011). *Narrative beginnings of coming to research*. Amiqaaq 2011 A Conference for Sharing Songs, Knowledge, & Traditions: The Ethical Relationships that Exist Between Us, University of Alberta, Edmonton AB.
- Donald, D., **Glanfield, F.**, & Sterenberg, G. (2011). *Responding to an invitation*. Amiqaaq 2011 A Conference for Sharing Songs, Knowledge, & Traditions: The Ethical Relationships that Exist Between Us, University of Alberta, Edmonton AB.
- Glanfield, F.** & Sterenberg, G. (2010). *Listening to teachings of children through conversations*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Calgary AB.
- Glanfield, F.**, Donald, D., Poitras-John, C., Sept, B., Sterenberg, G., & Youngchief, C. (2009). *Lesson design: real learning from children*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Edmonton AB.
- Glanfield, F.** (2008). *Secondary mathematics experiences: Voices of First Nation & Métis students*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Jasper AB.

- Glanfield, F.** (2008). *The interview as assessment: Learning from children*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Jasper AB.
- Glanfield, F.** (2007). *Weaving together multiple representations of the multiplication/division of fractions*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Edmonton AB.
- Glanfield, F., Shostak, D., Ludwig, S., & Martin, C.** (2006). *The mathematics of quilts: Quilting as a metaphor for teaching, learning, and assessing mathematics*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Jasper AB.
- Simmt, E., & **Glanfield, F.** (2005). *Teaching mathematics for the first time?* Mathematics Council of the Alberta Teachers' Association Annual Meeting, Edmonton AB.
- Glanfield, F.** (2004). *Multiplication and division of fractions: the real story!* SCIEMATICS 2004, Saskatchewan Mathematics Teachers' Society, Saskatoon SK.
- Glanfield, F.** (2003). *A tale of two subjects: Great mathematics, great reading*. Calgary City Teachers' Convention, Calgary AB.
- Glanfield, F.** (2003). *Teaching mathematics for understanding: The AHA moments*. Calgary City Teachers' Convention, Calgary AB.
- Glanfield, F.** (2002). *Addison Wesley mathematics: New resources for Alberta*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Canmore AB.
- Glanfield, F.** (2001). *Considering elementary school mathematics: Implications for program development*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Edmonton AB.
- Glanfield, F.** (2000). *Bringing forth worlds of significance: The connectedness of theory and practise*. College of Education Department of Curriculum Studies Mini-Conference, Saskatoon SK.
- Glanfield, F.** (2000). *Introducing you to minds on math, grades 7 & 8*. Saskatchewan Middle Years Association Annual Meeting, Regina SK.
- Glanfield, F.** (1999). *So it's your first year teaching mathematics*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Jasper AB.
- Glanfield, F., Martin, C., Shostak, D. & Ludwig, S.** (1999). *Using projects to enhance communication in pure math 10*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Jasper AB.
- Glanfield, F.** (1998). *Using base 10 blocks to model arithmetic operations of decimals*. SCIEMATICS 1998, Saskatchewan Mathematics Teachers' Society, Regina SK.
- Glanfield, F.** (1998). *Integrating the ti-83, cbl, & cbr into your classroom*. SCIEMATICS 1998, Saskatchewan Mathematics Teachers' Society, Regina SK.

- Glanfield, F.** (1998). *Using audio conferences for professional development of mathematics teachers.* Alberta Regional Consortia Provincial Professional Development Symposium, Edmonton AB.
- Glanfield, F.** (1998). *Developing an understanding of new mathematics curriculum.* Greater Edmonton Teachers' Convention, Edmonton AB.
- Glanfield, F.** (1998). *Looking forward to the new grades 10-12 pure mathematics program in Alberta.* Southeastern/Southwestern Alberta/Greater Edmonton/Mighty Peace Teachers' Convention, Medicine Hat/Lethbridge/Edmonton/Grande Prairie AB.
- Glanfield, F.** (1998). *Looking forward to the new grades 10-12 applied mathematics program in Alberta.* Southeastern/Southwestern Alberta/Mighty Peace Teachers' Convention, Medicine Hat/Lethbridge/Grande Prairie AB.
- Glanfield, F.** (1998). *Looking forward to the new grades 10-12 mathematics program in Alberta.* Calgary City/Central Alberta Teachers' Convention, Calgary/Red Deer AB.
- Glanfield, F.** (1998). *Piecing together fractions.* Northeastern/North Central Alberta Teachers' Convention, Edmonton AB.
- Glanfield, F.** (1997). *So it's your first year teaching mathematics.* Mathematics Council of the Alberta Teachers' Association Annual Meeting, Edmonton AB.
- Glanfield, F.** (1997). *An introduction to the new grade 10 pure mathematics program.* Mathematics Council of the Alberta Teachers' Association Annual Meeting, Edmonton AB.
- Glanfield, F.** (1997). *Investigating career connections in junior high mathematics.* Southwestern/Southeastern/Northeastern Alberta Teachers' Convention Association, Lethbridge/Medicine Hat/Edmonton AB.
- Glanfield, F.** (1997). *Looking forward to Alberta's new high school mathematics program.* Calgary City Teachers' Convention Association, Calgary AB.
- Glanfield, F.** (1997). *Investigating probability in grades 7, 8, & 9 mathematics.* Central Alberta Teachers' Convention Association, Red Deer AB.
- Glanfield, F.** (1996). *So it's your first year teaching mathematics.* Mathematics Council of the Alberta Teachers' Association Annual Meeting, Red Deer AB.
- Glanfield, F.** (1996). *Scoring project and open-ended questions in grades 7-9.* Mathematics Council of the Alberta Teachers' Association Annual Meeting, Red Deer AB.
- Glanfield, F.** (1996). *Ideas for projects & activities in grades 7-9.* Mathematics Council of the Alberta Teachers' Association Annual Meeting, Red Deer AB.
- Glanfield, F.** (1996). *Using databases and spreadsheets in grades 7-9 mathematics, SCIEMATICS 1996,* Saskatchewan Mathematics Teachers' Society, Saskatoon SK.

- Glanfield, F.** (1996). *Scoring open-ended questions in grades 10-12 mathematics*. SCIEMATICS 1996, Saskatchewan Mathematics Teachers' Society, Saskatoon SK.
- Glanfield, F.** (1996). *Using writing in grades 7-9 mathematics*. SCIEMATICS 1996, Saskatchewan Mathematics Teachers' Society, Saskatoon SK.
- Glanfield, F.** (1995). *Using computers to teach mathematics in grades 7, 8, and 9*. Focus 1995, Saskatchewan Mathematics Teachers' Society, Regina SK.
- Glanfield, F.** (1995). *Assessing mathematics learning in grades 7, 8, and 9*. Focus 1995, Saskatchewan Mathematics Teachers' Society, Regina SK.
- Glanfield, F.** (1995). *Building communication and technology into k-3 assessment*. Manitoba Association of Mathematics Teachers Annual Conference, Winnipeg MB.
- Glanfield, F.** (1995). *Building communication and technology into grades 10-12 assessment*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Lethbridge AB..
- Glanfield, F.** (1993). *Linking problem solving and authentic assessment on paper and pencil tests*. Focus 1993, Saskatchewan Mathematics Teachers' Society, Saskatoon SK.
- Glanfield, F.** (1993). *Standards for mathematics 30 - what does it mean?* Mathematics Council of the Alberta Teachers' Association Annual Meeting, Calgary AB.
- Glanfield, F., & Sanders, H.** (1992). *Development of standards in mathematics*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Medicine Hat AB.
- Glanfield, F.** (1991). *Assessment in high school mathematics*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Edmonton AB.
- Glanfield, F.** (1991). *Mathematical inquiry software*. Alberta Teachers' Association Computer Council Annual Conference, Edmonton AB.
- Glanfield, F.** (1990). *Alternative strategies for teaching high school mathematics*. Mathematics Council of the Alberta Teachers' Association Annual Meeting, Lethbridge AB.

## TEACHING

### Summary of the Number of Sections of Courses Taught

Curriculum & Instruction Mathematics Education (Elementary)	10
Curriculum & Instruction Mathematics Education (Middle School)	8
Curriculum & Instruction Mathematics Education (Secondary)	25
Mathematics Education Research (Graduate)	12
Research Methods (Graduate)	2
Evaluation of Educational Programs (Graduate)	3
Curriculum Studies (Graduate)	10
Teacher Education (Graduate)	1
Aboriginal/Indigenous Perspectives	1

## University of Alberta

- 2021 – 2022 EDES 501 Towards a Curriculum of Community  
EDSE 539 Research Issues in the Teaching & Learning of Mathematics
- 2019 – 2020 EDES 501 Towards a Curriculum of Community  
EDSE 401/EDSE 501 FNMI Perspectives in Mathematics & Science Education
- 2018 – 2019 EDES 501 Towards a Curriculum of Community
- 2017 – 2018 EDES 501 Towards a Curriculum of Community
- 2016 – 2017 EDES 501 Towards a Curriculum of Community  
EDSE 501 Mathematics Education for Practicing Teachers (2 sections)
- 2015 – 2016 EDES 501 Towards a Curriculum of Community  
EDSE 539 Research Issues in the Teaching & Learning of Mathematics
- 2014 – 2015 EDES 501 Towards a Curriculum of Community
- 2013 – 2014 EDES 501 Towards a Curriculum of Community  
EDSE 451 Integrating Theory & Classroom Practice in the APT
- 2012 – 2013 EDES 501 Towards a Curriculum of Community  
EDSE 539 / EDEL 516 Research Issues in Teaching and Learning Mathematics  
EDES 401 / 501 Engaging Aboriginal Perspectives in Science & Mathematics
- 2010 – 2011 EDSE 539 Research Issues in Teaching and Learning Mathematics  
EDSE 501 Developing a Pedagogy & Identity in Relation to Teacher Education  
EDES 501 Towards a Curriculum of Community
- 2009 – 2010 EDSE 540 Secondary Mathematics Education: Examining Tasks, Curricula and Programs  
EDSE 437 Curriculum & Teaching in Secondary School Mathematics I  
EDSE 451 Integrating Theory & Classroom Practice in the APT  
EDES 501 Towards a Curriculum of Community  
EDSE 501 Curriculum Leadership and Mathematics Education
- 2008 – 2009 EDSE 510 Research Methods in Secondary Education  
EDSE 437 Curriculum & Teaching in Secondary School Mathematics I  
EDSE 438 Curriculum & Teaching in Secondary School Mathematics II  
EDSE 451 Integrating Theory & Classroom Practice in the APT
- 2007 - 2008 EDSE 510 Research Methods in Secondary Education  
EDSE 437 Curriculum & Teaching in Secondary School Mathematics I  
EDSE 451 Integrating Theory & Classroom Practice in the APT

## University of Saskatchewan

- 2006 – 2007 ECUR 809 Evaluation of Educational Programs  
ECUR 418 Advanced Methods of Teaching Secondary School Mathematics  
ECUR 318 Teaching Mathematics in the Secondary School  
ECUR 898 Research Trends and Issues in Mathematics Education
- 2005 – 2006 ECUR 312 Teaching Elementary School Mathematics  
ECUR 317 Teaching Middle Years Mathematics  
ECUR 809 Evaluation of Educational Programs  
ECUR 418 Advanced Methods of Teaching Secondary School Mathematics  
ECUR 810 Design and Practice of Evaluation of Educational Programs  
ECUR 899 Issues and Trends in Teaching Secondary Mathematics
- 2004 – 2005 EDCUR 312 Teaching Elementary School Mathematics  
EDCUR 200 Curriculum and Instruction  
EDCUR 317 Teaching Middle Years Mathematics  
EDCUR 418 Advanced Methods of Teaching Secondary School Mathematics  
EDCUR 898 Developing Mathematical Ideas Through Interaction
- 2003 – 2004 EDCUR 312 Teaching Elementary School Mathematics  
EDCUR 317 Teaching Middle Years Mathematics  
EDCUR 318 Teaching Mathematics in the Secondary School  
EDCUR 418 Advanced Methods of Teaching Secondary School Mathematics  
EDCUR 298 Special Topics in Secondary School Mathematics (Assessment in High School Mathematics)  
EDCUR 298 Special Topics in Secondary School Mathematics (Teacher as Researcher)
- 2002 - 2003 EDCUR 312 Teaching Elementary School Mathematics (3 sections)  
EDCUR 318 Teaching Mathematics in the Secondary School  
EDCUR 418 Advanced Methods of Teaching Secondary School Mathematics
- 2001 – 2002 EDCUR 312 Teaching Elementary School Mathematics (2 sections)  
EDCUR 317 Teaching Middle Years Mathematics  
EDCUR 318 Teaching Mathematics in the Secondary School  
EDCUR 418 Advanced Methods of Teaching Secondary School Mathematics
- 2000 – 2001 EDCUR 318 Teaching Mathematics in the Secondary School  
EDCUR 418 Advanced Methods of Teaching Secondary School Mathematics  
EDCUR 317 Teaching Middle Years Mathematics
- 1999 – 2000 EDCUR 312 Teaching Elementary School Mathematics  
EDCUR 317 Teaching Middle Years Mathematics (2 sections)  
EDCUR 318 Teaching Mathematics in the Secondary School  
EDCUR 418 Advanced Methods of Teaching Secondary School Mathematics
- 1998 – 1999 EDCUR 418 Advanced Methods of Teaching Secondary School Mathematics  
EDCUR 317 Teaching Middle Years Mathematics  
EDCUR 898 Theory and Practice of Teaching Mathematics

**GRADUATE STUDENTS****Supervised – PhD/EdD – 14****Supervised – MEd – 17****External Examiner – 19****Membership on Supervisory Committees and Examining Committees**

(in addition to the students noted above)

Master of Education Examining Committees	8
Master of Education Project Reader	2
Master of Education Supervisory Committees	4
PhD Supervisory Committees	29
PhD Examining Committees	37

**WORKSHOPS DEVELOPED & DELIVERED****Total: 100****Summary**

Assessment Practices in K – grade 12 Mathematics	24
Understanding Content & Teaching Strategies in K – grade 12 Mathematics	60
Connecting Research & Practice in Mathematics Education	5
Mathematics Education Leadership Development	8
Leadership Development	2
Research	1

2018

*Assessment practices in K-12 Mathematics.*

- Yellowhead Tribal Council, Edmonton AB (1.0 day)
- Yellowhead Tribal Council, Calgary AB (1.0 day)

*Understanding Content & Teaching Strategies in K – grade 12 Mathematics  
Concept study: subtraction and multiplication.*

- Yellowhead Tribal Council, Edmonton AB (1.0 day)

2017

*Understanding Content & Teaching Strategies in K – grade 12 Mathematics*

- St Albert Public Schools, St Albert AB (1.5 days)

*Mathematics Leadership Development*

- Policy Network for Leaders in Rural Tanzania (3 days)

2016

*Understanding Content & Teaching Strategies in K – grade 12 Mathematics*

- Elk Island Public Schools, Sherwood Park AB (1.5 days)
- St Albert Public Schools, St Albert AB (1.5 days)

*Mathematics Leadership Development*

- Policy Network for Leaders in Rural Tanzania (2 days)

- 2015      *Mathematics Leadership Development*
- Policy Network for Leaders in Rural Tanzania (3 days)
- 2014      *Leadership Development - Using Appreciative Inquiry to Explore Educational Policy and Practices*
- Policy Network for Leaders in Rural Tanzania (3 days)
  - Kehewin Cree Nation (1 day)
- 2014      *Mathematics Education Leadership Development* – Co-facilitated and co-developed a 3 day workshop on leadership in mathematics education. The theme for the workshop: Transforming Organizations from Good to Great!, National Council of Teachers of Mathematics, Chicago IL.
- 2013      *Mathematics Education Leadership Development* – Co-facilitated and co-developed a 3 day workshop on leadership in mathematics education. The theme for the workshop: Leadership in an IPAD World, National Council of Teachers of Mathematics, Annapolis MD.
- 2011      *International Research Workshop* – Partnership between the University of Alberta & Aga Khan University Institute for Educational Development East Africa in Tanzania in collaboration with George Richardson, Elaine Simmt (University of Alberta) and Anjum Halal, Lillian Vikiru (AKU / IED). Developed and delivered a 3 day workshop on developing research proposals, February in Tanzania.
- 2010      *Understanding Content & Teaching Strategies in Mathematics 10C*
- J Percy Page High School Mathematics Department, Edmonton AB (1 day)
  - Learning Network Regional Consortium, St. Paul AB (1.5 day)
- 2009      *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Dreamcatching 2009, Winnipeg MB (2 days)
  - Saskatchewan Mathematics Teachers' Society, Saskatoon SK (1 day)
  - J Percy Page High School Mathematics Department, Edmonton AB (1 day)
- 2008      *Assessment Practices in K – grade 12 Mathematics*
- Edmonton Regional Learning Consortium, Edmonton AB. (2 days)
  - Edmonton Regional Learning Consortium, Fort McMurray AB. (½ day)
  - Saskatoon Area Early Numeracy Committee, Saskatoon SK. (2 days)
- Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- MCATA Leadership Symposium, Calgary AB. (1 day)
  - Edmonton Regional Learning Consortium, Fort McMurray AB. (½ day)
- 2007      *Assessment Practices in K – grade 12 Mathematics*
- Saskatoon Area Early Numeracy Committee, Saskatoon SK. (2 days)
- Connecting Research & Practice in Mathematics Education*
- Saskatoon Area Early Numeracy Committee, Blackstrap SK. (2 days)

- Fort McMurray Public School Board, Fort McMurray AB. (1 day)
- 2006 *Connecting Research & Practice in Mathematics Education*
- Waldheim School, Waldheim, SK. (1/2 day)
- 2005 *Assessment Practices in K – grade 12 Mathematics*
- Lanigan School Division, Lanigan SK. (1/2 day)
- Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Joe Duquette High School, Saskatoon SK. (1/2 day)
- Mathematics Education Leadership Development*
- Ontario Mathematics Coordinators Association Meeting, Toronto ON. (1/2 day)
- 2004 – 2005 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Souris/Moose Mountain School Division, Carlyle SK. (5 days)
  - Saskatoon East School Division, Saskatoon SK. (6 – 2 hr workshops and 1 day)
- 2003 – 2004 *Assessment Practices in K – grade 12 Mathematics*
- Saskatoon Public School Division, Saskatoon SK. (4 – ½ day Workshops)
- 2003 – 2005 *Mathematics Education Leadership Development*
- Saskatchewan Educational Leadership Unit (5 days)
- 2002 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Saskatoon Regional Assessment Consortium, Saskatoon SK. (1 day)
  - Edmonton Regional Consortium, Edmonton AB. (1 day)
- 2001 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Saskatoon Public School Division, Saskatoon SK. (1 day)
  - Saskatchewan Rivers School Division, Prince Albert SK. (1 day)
- Mathematics Education Leadership Development*
- Saskatchewan Rivers School Division, Prince Albert SK. (1 day)
- 2000 *Assessment Practices in K – grade 12 Mathematics*
- Regina Catholic School Division, Regina SK. (1 day)
- Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Northwest Regional Learning Consortium, Grande Prairie AB. (2 days)
  - Dehcho Education Council, Fort Simpson NT. (2 days)
  - Northwest Territories Department of Education, Yellowknife NT. (3 days)
  - Pearson Educational Inc., Burnaby & Coquitlam BC. (2 days)
- 1999 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Saskatoon Public School Division, Saskatoon SK. (5 – ½ day workshops)
  - Centre for Mathematics, Science and Technology Education Institute Connecting with Alberta’s New Secondary Mathematics Curriculum, Edmonton AB. (2 days)

- Addison-Wesley Longman Professional Development, Vancouver BC. (1 day)

1998 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*

- Battle Rivers School Division, Camrose AB (1/2 day)
- Peace-Wapiti School Division, Spirit River AB. (1 day)
- Dehcho Divisional Board of Education, Fort Simpson NT. (3 days)
- Centre for Mathematics, Science and Technology Education Institute Connecting with Alberta’s New Secondary Mathematics Curriculum, University of Alberta, Edmonton AB. (2 days)
- Addison Wesley Longman Professional Development, Grande Prairie, Edmonton, and Lac La Biche AB. (3 - 2 day Workshops)
- Yellowknife School District #1 Professional Development Days, Yellowknife NT. (2 days)
- Grasslands Regional School Division, Brooks AB. (1 day)
- Southern Alberta Professional Development Consortium, Lethbridge AB. (2 days)
- Nakasuk Elementary School, Iqualuit NT. (1 day)
- Rocky View/Calgary Public School Division, Calgary AB. (2 days)
- Barnwell School, Barnwell AB. (1 day)
- Northwest Territories Department of Education, Yellowknife NT. (2 days)
- Frontier School Division, Winnipeg MB. (2 days)

*Assessment Practices in K – grade 12 Mathematics*

- South Slave Board of Education, Hay River NT. (3 days)
- Delta School District, Delta BC. (1 day)

*Connecting Research & Practice in Mathematics Education*

- Southern Alberta Professional Consortium, Medicine Hat AB. (1 day)

1997 – 1998 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*

- Learning Network, East Central Alberta Professional Development Consortium, delivered via audioconference. (5 – 2 hr workshops)

1997 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*

- Livingstone Range School District, Fort McLeod AB. (1 day)
- Calgary Catholic School District, Calgary AB. (1 day)
- Delta School District, Delta BC. (1 day)
- Northwest Regional Professional Development Consortium, Grande Prairie AB. (2 days)
- South Slave Board of Education Professional Development Days, Hay River NT. (5 days)
- Dogrib Divisional Board of Education Professional Development Days, Rae-Edzo NT. (5 days)
- Yellowknife Catholic & Public Boards of Education Professional Development Days, Yellowknife NT. (10 days)
- Regina Public School Division, Regina SK. (1 day)
- Yellowknife Catholic Schools, Yellowknife NT. (3 days)

- Centre for Mathematics, Science and Technology Education Institute Connecting with Alberta's New Mathematics Curriculum, University of Alberta, Edmonton AB. (2 days)
- Northwest Regional Professional Consortium, Peace River AB. (2 days)
- Southern Alberta Professional Development Consortium, Lethbridge AB. (1 day)
- Addison-Wesley Professional Development Seminars, Ontario, Manitoba, Saskatchewan, and BC. (20 days)
- Edmonton Regional Consortium, Edmonton AB. (3 – 2 hr Workshops via videoconference)
- Southern Alberta Professional Development Consortium, Medicine Hat AB. (1 day)
- Concordia College University Teacher Education Program, Edmonton AB (1/2 day)

*Mathematics Education Leadership Development*

- Northwest Territories Department of Education, Yellowknife NT. (4 days)

*Assessment Practices in K – grade 12 Mathematics*

- Calgary Mathematics Association, Calgary AB. (1/2 day)

1996

*Understanding Content & Teaching Strategies in K – grade 12 Mathematics*

- County of Parkland, Stony Plain AB. (2 days)
- Addison-Wesley Longman Professional Development Days, AB, SK, and BC. (33 days)
- Edmonton Catholic Schools, Edmonton AB. (1 day)

*Assessment Practices in K – grade 12 Mathematics*

- Jasper Jr. - Sr. High School, Jasper AB. (1 day)

1995

*Assessment Practices in K – grade 12 Mathematics*

- Sturgeon Composite High School Professional Development Day, Namao AB. (1 day)
- Summer Institute for Student Assessment in the Classroom, Alberta Assessment Consortium, Calgary AB. (5 days)
- Spruce Grove Composite High School, Spruce Grove AB. (1 day)

*Understanding Content & Teaching Strategies in K – grade 12 Mathematics*

- Southern Alberta Professional Development Consortium, Lethbridge AB. (1 day)
- Langley School District, Langley BC. (1 day)

1994

*Assessment Practices in K – grade 12 Mathematics*

- Manitoba Association of Mathematics Teachers, Brandon/Winnipeg MB. (2 days)
- Nova Scotia Teachers' Union Summer Institute, Halifax NS. (4 days)

1993

*Assessment Practices in K – grade 12 Mathematics*

- Summer Institute for Student Assessment in the Classroom, Alberta Assessment Consortium, Edmonton AB. (5 days)

- 1992 *Assessment Practices in K – grade 12 Mathematics*
- County of Parkland, Stony Plain AB. (1 day)
  - Calgary Public School Division, Calgary AB. (1 day)
  - Rocky Mountain House AB and Leduc AB. (2 days)
- Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Parent Advisory Council, ES Gish School, St. Albert AB. (1/2 day)
- 1991 – 1992 *Assessment Practices in K – grade 12 Mathematics*
- Alberta Education Principal's Meetings, Edmonton/Slave Lake AB (2 days)
- 1990 – 1991 *Assessment Practices in K – grade 12 Mathematics*
- Alberta Education Professional Development, AB and NT. (5 days)
- 1989 – 1990 *Understanding Content & Teaching Strategies in K – grade 12 Mathematics*
- Alberta Education Professional Development Workshops, across AB. (20 – 2 day workshops)

## **SERVICE TO THE UNIVERSITY**

### **University of Alberta**

Member, Faculté Saint Jean, Academic Search Committee, 2018 – 2019

Member, GFC Academic Planning Committee, 2015 – 2018

Member, Terms of Reference Ad Hoc Committee, Council of Aboriginal Initiatives, 2015 – 2016.

Member, Faculté Saint Jean, Search Committee, 2015 – 2016.

Member, Killam Trusts Committee, 2012 – 2014

Faculty of Education representative to Faculty of Native Studies Council, 2013 – 2014

Member, Renaissance Committee, joint University Administration and ASSUA, 2012 – 2013

Member, Standing Advisory Council on International Engagement Development Cooperation Subcommittee, 2012 – 2014

Member, Postdoctoral Fellowship (Killam & Notley) Selection Committee, 2011 – 2013

Program Chair, Amiqaaq 2011 Conference & Traditional Feast Planning Committee, 2010 – 2011

Member, Council of Aboriginal Initiatives Steering Committee, 2009 – 2011

Member, Council of Aboriginal Initiatives, 2008 – 2011, 2013 – 2105

Faculty Member-at-Large, Employment Equity Advisory Committee, 2008 – 2011

Member, Department of Elementary Education Search Committee, 2008 – 2009

Member, Department of Secondary Education Graduate Committee, 2008 – 2010

Member, Centre for Research for Teacher Education and Development 2008 Outstanding Teacher Education Doctoral Dissertation Award Adjudication Committee, 2008 – 2009

Member, Indigenous Education Council, Faculty of Education, 2008 –

Acted as cultural advisor to Heifer in Your Tank, Faculty of Agriculture, Life and Environmental Sciences, 2008.

Faculty representative, All Roads Lead to the U, pancake breakfast sponsored by the University of Alberta Senate, 2008.

Department representative, Faculty of Education Curriculum Framework Committee, 2007 – 2008

Member, Department of Secondary Education Search Committee, 2007 – 2008

### **University of Saskatchewan**

Member and Chair, College of Education Faculty Council, 2005 – 2007.

Member, Mathematics Science Enrichment Program Advisory Board, College of Arts & Science, 2006–2007

Member, University of Saskatchewan 2007 Congress Program Committee, 2005–2007

Member, Vice-President Finance & Resource Search Committee, 2004 – 2005

Member, Student Academic Hearing and Appeals Panel, 2004–2007

Member, University Council, 2004 – 2007

Member, University of Saskatchewan Aboriginal Caucus, 1999 – 2007

Participated as a speaker in the College of Education Orientation 2001.

Participated in the Experience US 2001/02, by inviting visiting students into my classroom, 2001.

Represented the College of Education at the SUNTEP graduation, 2000.

Created a display for mathematics education in the University of Saskatchewan High School Open House, 2000.

Together with Janet McVittie, facilitated a writing group for the Department of Curriculum Studies faculty and graduate students. This writing group met every 2 weeks throughout the school year.

Volunteered as a language partner for the Korean Teacher Education Program, 1999.

Participant in the University of Saskatchewan High School Open House, 1999.

## **PROFESSIONAL AND ASSOCIATION OFFICES AND COMMITTEE ACTIVITY OUTSIDE UNIVERSITY**

### **International**

Chair, Organizing Team for the Topic Study Group on Mathematics Education in a Multicultural Environment, International Congress of Mathematics Education, 2017 – 2021.

Co-Chair (2017 – 2018); Member (2014 – 2017), Iris Carl Award Committee, TODOS: Mathematics for ALL.

Conference Chair, Board of Directors, TODOS: Mathematics for ALL, 2014 – 2015.

Elected Member, Board of Directors, National Council of Teachers of Mathematics, 2013 – 2016.

Elected Member, Board of Directors, TODOS: Mathematics for ALL, 2011 – 2014.

Member, Editorial Panel for the 2012 Yearbook, National Council of Teachers of Mathematics, 2010 – 2012.

Member, Organizing Team for the Topic Study Group on Mathematics in Multicultural and Multilingual Environments, International Congress on Mathematical Education, 2006 – 2008.

Chair (2008); Member (2005, 2002); Annual Meetings Program Committees, National Council of Teachers of Mathematics.

Member, Nominations and Elections Committee, National Council of Teachers of Mathematics, 2002 – 2005.

Elected Member, National Council of Supervisors of Mathematics Board of Directors, 1999-2005.

Member, Teacher Advisory Panel for the Mathematics Teacher, National Council of Teachers of Mathematics, 2000-2002.

Chair (1996-97); Member (1993-96); Regional Services Committee, National Council of Teachers of Mathematics.

Member, Task Force on the Assessment Addenda, National Council of Teachers of Mathematics, 1995 -2003.

Conference co-chair (1994-96), Canadian Leadership Conferences, National Council of Teachers of Mathematics.

Conference Chair, 1994 Canadian Regional Conference, National Council of Teachers of Mathematics.

## **National**

Co-Chair, Local Organizing Committee, Annual Meeting of the Canadian Mathematics Education Study Group, 2013 – 2014.

Elected Member (2012 – 2016); Appointed Member (2016 – 2017); Chair (2014 – 2017), For the Learning of Mathematics Publishing Association Board of Directors.

Chair, Nominations & Elections Committee, Canadian Mathematics Education Study Group, 2010 – 2011.

President (2008-10); Vice-President (2004-08), Canadian Mathematics Education Study Group.

Co-chair (2005); Member (2009, 2003, 1995); Scientific Program Committee, Canadian Mathematics Education Forum, Canadian Mathematical Society.

Member, NSERC/Cameco Chair for Women in Science and Engineering (Prairies) Advisory Board, 2005 – 2007.

Chair (2001), Mathematics Education Sessions, Canadian Mathematical Society's Summer Meeting.

## **Local / Provincial**

Member, Rupertsland Institute, Board of Directors, 2020 –

Member, Curriculum Expert Working Group for K – 12 Mathematics, Alberta Education, 2016 – 2019.

Member, External Advisory Committee for the Elementary Diagnostic Mathematics Online Program, Learner Assessment Branch, Alberta Education, 2008.

Member, Saskatchewan Learning K - Grade 5 Mathematics Curriculum Reference Committee, 2005 – 2006.

Chair (2006-07); Member (2001-06), Saskatchewan Learning Aboriginal Education Provincial Advisory Committee.

Member, Mathematics Assessment Advisory Committee, Professional Development Unit, Saskatchewan Teachers' Federation, 2004 – 2005.

Member, Saskatoon Regional Assessment Consortium, 2002 – 2007.

Chair, Planning Committee, Symposium About Mathematical Understanding, Saskatoon SK, 2001.

Co-chair, Program Committee for Sciematics 2000, Saskatchewan Mathematics Teachers' Society and the Saskatchewan Science Teachers' Society, 1999-2000.

President (1997-98); Vice-President (1995-97); Executive Member (1991-95); Mathematics Council of the Alberta Teachers' Association.

Conference chair, Parent and Teacher Conference About Mathematics Education, Mathematics Council of the Alberta Teachers' Association, 1995.

Treasurer (1984-86); School Representative (1982-84), Alberta Teachers' Association Local #48.

Judge, Fort McMurray Mathematics Carnival, 1983-1986.

## **PUBLIC AND COMMUNITY CONTRIBUTIONS**

Volunteer, National Truth & Reconciliation Commission, 2014.

Treasurer (2010 – ), Member of Vestry (2008 – 2010; 2020 – ), Lay reader (2008 – ), St. Patrick's Anglican Church, Edmonton AB.

Secretary, Cursillo Secretariat, Anglican Diocese of Saskatoon, January 2000-2003.

President, Casa Loma Condominium Association, Saskatoon SK, 2000 – 2007.

Lay Reader, St. James Anglican Church, Saskatoon SK, 1999 – 2007.

Assistant Electoral Officer, Mikisew Cree First Nation, Fort Chipewyan, AB, 1996.

Member, Canterbury Foundation Board of Directors, Edmonton, AB, 1994-1996.

Canvasser, Alberta Heart and Stroke Foundation and Alberta Lung Association, 1994-1996.

Youth Leader, Sunday School Superintendent, Sunday School Teacher, and a member of several committees: St. Timothy's Anglican Church, Edmonton, AB, 1990-1998.

Treasurer, Canadian Cancer Society Unit #20, Fort McMurray, AB, 1984-1986.