

Curriculum Vitae of

**Florence Anne Glanfield**

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

**Academic Appointments**

- 2010 – Associate Chair, Department of Secondary Education, University of Alberta
- 2008 – 2010 Chair, Indigenous Education Council, Faculty of Education, University of Alberta
- 2008 – 2013 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 – Associate Professor, Department of Secondary Education, University of Alberta
- 2006 – 2007 Director of Teacher Candidate & Alumni Affairs, College of Education, University of Saskatchewan
- 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**

- 1998 Social Sciences & Humanities Research Doctoral Fellowship
- 1998 Graduate Studies & Research Scholarship, University of Alberta

- 1998 Walter H. Johns Graduate Fellowship, University of Alberta
- 1997 Graduate Studies & Research Fellowship, University of Alberta
- 1996 John Walker Barnett Fellowship in Education, Alberta Teachers' Association
- 1996 Walter H. Johns Graduate Tuition Scholarship, University of Alberta
- 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, grades 9-12, Fort McMurray Public School District

### **TEACHING**

#### **Summary of the Number of Courses Taught**

Curriculum & Instruction Mathematics Education (Elementary)	9
Curriculum & Instruction Mathematics Education (Middle)	8
Curriculum & Instruction Mathematics Education (Secondary)	24
Mathematics Education Research (Graduate)	6
Research Methods (Graduate)	2
Evaluation of Educational Programs (Graduate)	3
Curriculum Studies (Graduate)	3
Teacher Education (Graduate)	1

#### **University of Alberta**

- 2010 – 2011 EDSE 539 Research Issues in Teaching and Learning Mathematics  
EDSE 501 Developing a Pedagogy & Identity in Relation to Teacher Education  
EDSE 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  
EDSE 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

## RESEARCH

### External Research Funding

- 2010 – 2013 *A Narrative Inquiry into the Educational Experiences of Urban Aboriginal Youth and their Families*. V. Caine (principal), F. Glanfield, D. J. Clandinin, L. Baydala, & M. Ebbers (co-applicants), SSHRC \$249 996.
- 2010 – 2012 *A Narrative Inquiry into the Schooling Experiences of Aboriginal Youth and Families*. V. Caine (principal), F. Glanfield, D. J. Clandinin, L. Baydala, & M. Ebbers (co-applicants), Alberta Centre for Child, Family, and Community Research \$100 000.
- 2010 – 2011 *Supporting and Sustaining Elementary Mathematics Teacher Development in Tanzania: Lessons for Universities*. E. Simmt (principal), F. Glanfield & J. Mgombelo (co-applicants), SSHRC \$25 000.
- 2010 – 2012 *Creating a Research Network to Develop an Understanding of Relationships between Aboriginal Knowledge Systems, Wisdom Traditions, and Mathematics Education*. F. Glanfield (principal), D. Donald, G. Sterenberg, & E. Doolittle (co-applicants), SSHRC \$25 000.
- 2008 – 2011 *Reclaiming Teacher Practice as Intellectual Work: Transforming Education Across Education Communities*. A. Ward (principal), F. Glanfield & M. S. Murphy (co-applicants), SSHRC \$137 000.
- 2007 – 2009 *Factors Contributing to Improved Mathematics Performance in Kehewin: Developing a Shared Understanding Among Community, School, Staff, and Children*. D. Donald & G. Sterenberg (co-investigators), Kehewin First Nation \$1000.
- 2007 – 2010 *Relationship Between the Assessment Process and Children's and Teacher's Knowledge and Identity in Mathematics*. M. S. Murphy (principal), F. Glanfield, K. Campbell, K. Storey, K. Nelson, C. Clarke, C. Cox, T. Reeve (co-investigators), Dr. Stirling McDowell Foundation for Research into Teaching \$14580.
- 2005 – 2009 *Factors Contributing to the Success of Aboriginal Students in High School Mathematics*. D. Bazylak (co-investigator), Dr. Stirling McDowell Foundation for Research into Teaching \$8306.

- 2005 – 2010 *Understanding the Dynamics of Risk and Protective Factors in Promoting Success in Science and Mathematics*. G. Robinson (principal), F. Glanfield, J. McVittie, L. Wilson, D. Cowan, C. Rangacharyulu (co-investigators), NSERC CRYSTALS \$1 000 000.
- 2004 *Developing a National Mathematics Teacher Organization*. S. Craven & B. Hart (co-investigators), Canadian Mathematical Society \$5000.
- 2000 – 2001 *Developing Secondary Students Mathematical Understanding Through Student Interaction, a study of students learning mathematical concepts through interaction*. D. Baczuk & A. Oviatt (co-investigators), Dr. Stirling McDowell Foundation for Research into Teaching \$7400.
- 2000 – 2001 *Web-Based Student Activity Modules for Mathematics C30*. K. Taylor (co-investigator), Saskatchewan Education \$40 000.
- 1999 *The Applied Mathematics Curriculum Development Project*. E. Simmt (principal), F. Glanfield & R. Mason (co-investigators), Imperial Oil National Centre for Mathematics, Science and Technology Education, University of Alberta \$31,000.
- 1999 *Teaching and Learning Math 10: an Enhanced Approach*. L. Leduc (principal), B. Armstrong, C. Baker, F. Glanfield, & B. Pod (co-investigators), Dr. Stirling McDowell Foundation for Research into Teaching \$6280.60.

### **Internal Research Funding**

- 2008 *An Exploration of the Ways in Which First Nation Children Know Mathematics*. Support for the Advancement of Scholarship, University of Alberta \$4500.
- 2008 *Exploring Children's Understanding of Language in Mathematics Assessment Practices*. Roger Smith Undergraduate Research Award, Faculty of Education, University of Alberta \$5000.
- 2003 – 2007 *Teachers Developing Mathematical Understanding*. Saskatchewan Educational Leadership Unit, University of Saskatchewan \$5100.
- 1999 – 2000 *Students' Changing Understanding of Mathematical Concepts, A study of students knowing mathematical concepts*. President's SSHRC Research Fund, University of Saskatchewan \$5000.

### **Contract Research Funding**

- 2006 *Review of Literature for Elementary Mathematics Education*. Pearson Education Canada \$7500
- 2000 – 2003 *Research for National Council of Supervisors of Mathematics*. National Council of Supervisors of Mathematics, \$7000 (US)

### **GRADUATE STUDENTS**

**Supervised**

2010	Jin Mi Kwon	PhD in progress	University of Alberta
2010	Lee Schaefer	PhD in progress	University of Alberta
2010	Christina Fonstad	MEd in progress	University of Saskatchewan
2009	Dawn Wiseman	PhD in progress	University of Alberta
2009	Richelle Marynowski	PhD in progress	University of Alberta
2006	Anna McQuillan	Master's Project	University of Saskatchewan
2005	Dawne Thomas	Master's Thesis	University of Saskatchewan

**External Examiner**

2009	Stephanie Bell	Master's Thesis	Nippising University
2009	Mary Stordy	Doctoral Dissertation	University of Calgary
2009	Carly Zuke	Master's Thesis	Lakehead University
2008	Bev Mathison	Doctoral Dissertation	University of Calgary
2008	Laurie E. Bowers	Doctoral Dissertation	University of Calgary
2007	Kanwal I. S. Neel	Doctoral Dissertation	Simon Fraser University
2007	Norma Lee	Doctoral Dissertation	The University of the West Indies
2007	Peter Balyta	Doctoral Dissertation	McGill University
2007	Ellen McEwen	Master's Thesis	Department of Educational Administration, University of Saskatchewan
2005	Brenda Merasty	Master's Thesis	Department of Educational Administration, University of Saskatchewan
2004	Brenda Rutherford	Master's Thesis	Department of Educational Foundations, University of Saskatchewan
2001	Tom Phenix	Master's Thesis	Department of Psychology, University of Saskatchewan

**Membership on Supervisory Committees and Examining Committees**

(in addition to the students noted above)

Master of Education Examining Committees	9
Master of Education Supervisory Committees	3
PhD Supervisory Committees	5
PhD Examining Committees	14

**PUBLICATIONS****Summary**

Books	2
Chapters in Books	2
Articles in Refereed Journals	9
Papers in Refereed Conference Proceedings	7
Published Proceedings Papers (Non-refereed)	7
Papers in Non-refereed Journals	3
Edited Proceedings	1
Major Reports	5

**Books**

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**

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., & Murphy, M. S. (accepted). Possibilities for understanding children's mathematics knowledge. *Delta-k*.

Murphy, M. S., & Glanfield, F. (in press). Mathematics teacher educator identity: a conversation between a specialist and a generalist. *in education: exploring our connective educational landscape*.

Sterenber, 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., & Sterenber, 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**

Glanfield, F., Martin, L., Murphy, M. S., & Towers, J. (2009). Co-emergence and collective mathematical knowing. *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*, 304.

Glanfield, F., & Mgombelo, J. (2003). Using manipulatives as generative mechanisms for explaining mathematics phenomena. Abstract of a poster session. *Proceedings of the Joint Meeting of the International Group for the Psychology of Mathematics Education and the North American Chapter for the Psychology of Mathematics Education*, 350.

Glanfield, F. (2003). Western Canada regional perspective on mathematics education. *Proceedings of the Canadian School Mathematics Forum*, Universite du Quebec a Montreal, 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**

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**

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*.

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**

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.

### 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>.

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.

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., 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.

## CONFERENCE PRESENTATIONS

### Summary

Invited Conference Presentations - International (Academic)	4
Invited Conference Presentations - International (Professional)	9
Invited Conference Presentations - National (Academic)	11
Invited Conference Presentations - National (Professional)	16
Invited Conference Presentations - Local (Academic)	16
Invited Conference Presentations - Local (Professional)	35
Peer-Reviewed Conference Presentations – International (Academic)	12
Peer-Reviewed Conference Presentations – International (Professional)	28
Peer-Reviewed Conference Presentations – National (Academic)	12
Peer-Reviewed Conference Presentations – National (Professional)	5
Peer-Reviewed Conference Presentations – Local (Academic)	1
Peer-Reviewed Conference Presentations – Local (Professional)	45

### Invited Conference Presentations - International (Academic)

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. (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.

### Invited Conference Presentations - International (Professional)

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. (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 Conference Presentations - National (Academic)**

- 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. (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. (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.

**Invited Conference Presentations - National (Professional)**

- 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. (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., & 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. (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. (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 Conference Presentations - Local (Academic)**

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., & 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.

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. 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. 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. 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. (1999). *Student voice in assessment in teacher education programs*. Graduate Seminar at the University of Alberta, Edmonton, AB.

### **Invited Conference Presentations - Local (Professional)**

Glanfield, F. (2010). *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.

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. (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.
- 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). *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 Conference Presentations – International (Academic)**

- 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. (2006). *Using narrative as a way to explore mathematics teacher understanding*. Narrative Matters, Wolfville NS.

Glanfield, F. (1998). *Using narrative to explore mathematics teachers' growing understanding of mathematical processes*. International Conference of Teacher Researchers, San Diego CA.

### **Peer-Reviewed Conference Presentations – International (Professional)**

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. (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. (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). *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 Conference Presentations – National (Academic)**

- 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.
- Peer-Reviewed Conference Presentations – National (Professional)**
- 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 Conference Presentations – Local (Academic)**

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.

### **Peer-Reviewed Conference Presentations – Local (Professional)**

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). *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.

## TEACHER & LEADER WORKSHOPS DEVELOPED

### Summary

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- 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 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*

- Sourris/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)