

Education

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| 2019-2020 | Postdoctoral Associate (Nursing) | University of Calgary |
| 2019 | PhD | University of Calgary |
| 2007 | BN (with Distinction) | University of Calgary |
| 2003 | MSc (Medical Genetics) | University of British Columbia |
| 1999 | BSc (Cell Biology and Genetics) | University of British Columbia |

Licensure and Certification

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| 2020-current | Registered Nurse | British Columbia College of Nurses & Midwives |
| 2007-current | Registered Nurse | College and Association of Registered Nurses of Alberta |

Awards and Distinctions

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| 2016 | ARNET Academic Scholarship | ARNET |
| 2015-2019 | Eyes High Doctoral Recruitment Scholarship | University of Calgary |

Research Funding

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| 02/21-01/21 | <i>Engaging Nurses in Genetics and Genomics: A Canadian Initiative</i> Dr. April Pike (PI), Dr. Jacqueline Limoges (PI), Dr. Sarah Dewell (co-I), Lindsay Meyer (co-I), Dr. Ann Meyer (co-I) Memorial University's Public Engagement Accelerator Fund | \$10,000.00 |
| 01/21-12/21 | <i>Precision Health: Developing a workshop to explore the knowledge gap for patients and providers</i> Dr. Sarah Dewell (PI), Dr. Caroline Sanders (co-I), Dr. Chelsea Pelletier (co-I), Dr. Ann Pousette (co-I), Dr. Lisa Ronald (co-I), Tina Strudsholm (co-I) BC SUPPORT Unit Training Innovation Fund | \$10,000.00 |
| 04/20-03/22 | <i>Evaluating fundamental care knowledge in undergraduate nursing students</i> | \$39,600.00 |

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| | Dr. Lorelli Nowell (PI), Dr. Sandra Davidson (PI), Dr. Catherine Laing (co-I), Dr. Zahra Shajani (co-I), Dr. Sarah Dewell (co-I), Dr. Tiffany Conroy (co-I), Didi Button (co-I), Sandra Fritz (co-I) University of Calgary Teaching and Learning Scholarship of Teaching & Learning Grant | |
| 11/19-03/22 | <i>Improving Engagement and Empowering Patients through their Transplant Journey</i> Dr. Sandra Davidson (PI), Dr. Sarah Dewell (co-I), Carrie Thibodeau (co-I), Lydia Lauder (co-I), Kristi Coldwell (co-I) Health Canada - Health Care Policy Contribution Program | \$303,000.00 |
| 04/19-03/20 | <i>Building an Online Educational Hub for Genetic/Genomic Nursing Education, Practice, and Research</i> Dr. Carla Ginn (PI); Sarah Dewell (co-PI), Dr. Karen Benzies (co-I) University of Calgary – Teaching and Learning Development and Innovation Grant | \$7,494 |

Presentations, Invited

1. Limoges, J., Pike, A., Carlsson, L., **Dewell, S.**, & Meyer, A. (June 24, 2021). Canadian Nursing and Genomics: Creating an Engagement Framework. Nursing Education & Research Council Nursing Grand Rounds, Eastern Health (Invited: Provincial Webinar)
2. **Dewell, S.** (Nov. 25, 2020) *Genomics and Nursing Education: Lessons Learned and Future Steps*. Advancing Nursing Practice in the Genomic Era: A Canadian Initiative
3. **Dewell, S.** (Nov. 8, 2019). Global Panel discussion at the 2019 International Society of Nurses in Genetics (ISONG) World Congress, Texas, USA
4. **Dewell, S.** (2019, Feb.). *Genetic and Genomic Knowledge for Nurses: Exploring Literacy and Perceptions Among Undergraduate Nursing Students and Faculty*. Faculty of Nursing Lightning Talks, University of Calgary, Calgary, Canada.
5. **Dewell, S.** (2017, Nov.). *Genetic Nursing in Research, Education and Practice with the Focus on Precision Nursing: Canada*. International panel discussion at the 2017 International Society of Nurses in Genetics (ISONG) World Congress, Reston, Virginia.

Presentations, Refereed

1. Swadas, N, **Dewell, S.**, Davidson, S., and Van Riper, M. (2021, July). Knowledge and attitudes of pharmacogenetics among Canadian nurses. Poster presentation at the Nursing, Genomics, and Health Care Conference.
2. Limoges, J., Carlsson, L., Pike, A., **Dewell, S.**, Meyer, A. (2021, July). *Canadian Nursing and Genomics: Building Capacity*. Poster presentation at the Nursing, Genomics and Healthcare Conference

3. **Dewell, S.**, Benzies, K., Ginn, C. (2021, July). *Reinvigorating nursing and genomics in Canada*. Oral presentation at the Nursing, Genomics, and Health Care Conference.
4. Potter-Dickey, A., Letourneau, N., Ntanda, H., Giesbrecht, G., Hart, M., **Dewell, S.**, de Koning, A. (2021, June). *Associations among parental caregiving quality, CNR1 expression-based polygenic risk scores and infant-parent attachment: Evidence for differential genetic susceptibility?* Virtual International Family Nursing Conference (IFNC15)
5. **Dewell, S.**, Dhaliwal, K., Benzies, K., Ginn, C., Hirst, S., King-Shier, K. (2021, May). *Rethinking mentorship: Seeking a balance between needs and expertise*. Roundtable discussion at the Conference on Postsecondary Learning and Teaching, Calgary, Alberta
6. **Dewell, S.**, Benzies, K., Ginn, C., Seneviratne, C. (2021, May). *Genomic knowledge for nurses: A mixed-methods study of literacy and perceptions*. Oral presentation at the CASN Biennial Canadian Nursing Education Conference 2020, Calgary, Alberta
7. Swadas, N., **Dewell, S.**, & Davidson, S. (2020, November). *Assessing the knowledge and attitudes of pharmacogenetic testing among nursing students, registered nurses, and nurse practitioners across Canada*. Video presentation at the University of Calgary Undergraduate Research Symposium, Calgary, AB, Canada.
8. Tonkin, E., Calzone, K., Patch, C., Badzek, L., Dwyer, A., **Dewell, S.** (2020, November). *Defining Global minimum nursing competencies in genomics*. Poster presentation at the 2020 International Society of Nurses in Genetics (ISONG) World Congress.
9. Potter-Dickey, A., Letourneau, N., Ntanda, H., Giesbrecht, G., Silveira, P., **Dewell, S.**, de Koning, A. P. J. (2020, November). *Associations between parenting, infant gene expression variation and infant-parent attachment disorganization: Preliminary findings*. Poster Presentation at the 2020 International Society of Nurses in Genetics (ISONG) World Congress.
10. **Dewell, S.**, Laing, B., Lim, G., Ward, L. (2020, November) *Nursing student knowledge of genetics and genomics: Comparing three countries*. Oral presentation at the 2020 International Society of Nurses in Genetics (ISONG) World Congress.
11. **Dewell, S.**, Ginn, C., Benzies, K. (2019, November) *Creation of an online educational hub for genomic nursing education, practice, and research*. Oral presentation at the 2019 International Society of Nurses in Genetics (ISONG) World Congress, Texas, USA
12. **Dewell, S.**, Benzies, K., Ginn, C., Seneviratne, C., Goldsworthy, S. (2019, November) *Genomic knowledge for nurses: A mixed-methods study of literacy and perceptions*. Poster presentation at the 2019 International Society of Nurses in Genetics (ISONG) World Congress, Texas, USA
13. **Dewell, S.**, Ginn, C., Benzies, K., Seneviratne, C. (2019, April) *Proposing innovative curriculum change: Insights from student focus groups*. Electronic poster presentation at the 2019 Conference on Postsecondary Learning and Teaching, Calgary, Canada.
14. **Dewell, S.**, Ginn, C., Benzies, K., Goldsworthy, S., Seneviratne, C. (2019, March) *Genetic and genomic knowledge for nurses: A mixed methods study of literacy and perceptions among undergraduate nursing students and faculty*. Oral presentation at the 2019 Faculty of Nursing Student Research Day, Calgary, Canada. (unable to present due to family matters)

15. **Dewell, S.**, Ginn, C., Benzies, K., Goldsworthy, S., Seneviratne, C. (2019, February) *Genetic and genomic knowledge for nurses: A study of literacy and perceptions among undergraduate nursing students and faculty in Alberta, Canada*. Oral presentation at the 2019 Western North-western Region Canadian Association of Schools of Nursing (WNRCSN) Annual Conference, Edmonton, Canada.
16. **Dewell, S.**, Slater, D., Benzies, K., McDonald, S., Tough, S. (2017, October) *Relationship between psychosocial distress in pregnancy and two genes associated with human social interaction*. Oral presentation at the 2017 International Society of Nurses in Genetics (ISONG) World Congress, Reston, Virginia.
17. **Dewell SL**, Slater DM, Benzies KM, McDonald SW, Tough SC. (2017, June) *Relationship between Psychosocial Distress in Pregnancy and Two Genes Associated with Human Social Interaction*. Poster presentation at the 2017 Owerko Centre Conference, Calgary, Canada.
18. **Dewell SL**, Slater DM, Benzies KM, McDonald SW, Tough SC. (2017, April) *Relationship between Psychosocial Distress in Pregnancy and Two Genes Associated with Human Social Interaction*. Poster presentation at the 2017 Alberta Children's Hospital Research Institute (ACHRI) Symposium, Calgary, Canada.

Publications, Peer-Reviewed Journal Articles

1. Potter- Dickey, A., Letourneau, N., Silveira, P, Ntanda, H., Giesbrecht, G., Hart, M., **Dewell, S.**, & de Koning A. (in press). Associations among parental caregiving quality, Cannabinoid Receptor 1 expression-based polygenic scores and infant-parent attachment: Evidence for differential genetic susceptibility? *Frontiers in Neuroscience*
2. **Dewell, S.**, Ginn, C., Benzies, K., & Seneviratne, C. (in press). Nursing student and faculty attitudes about a genomics-informed undergraduate curriculum: A qualitative study. *International Journal of Nursing Education Scholarship*
3. **Dewell, S.**, Benzies, K., Ginn, C., & Seneviratne, C. (2020). Assessing knowledge of genomic concepts among Canadian nursing students and faculty. *International Journal of Nursing Education Scholarship*, 17(1), Article 20200058. <https://doi.org/https://doi.org/10.1515/ijnes-2020-0058>
4. **Dewell, S.**, Benzies, K., & Ginn, C. (2020) Precision health and nursing: Seeing the familiar in the foreign. *Canadian Journal of Nursing Research*, 52(3), 199-208. <https://doi.org/10.1177/0844562120945159>
5. **Dewell, S.**, Slater, D., Benzies, K., McDonald, S., & Tough, S. (2018). Relationship between psychosocial distress in pregnancy and two genes associated with human social interaction: A pilot study. *SAGE Open Nursing*. <https://doi.org/10.1177/2377960818765272>