

## CURRICULUM VITAE

*Prepared: September 2021*

### I. BIOGRAPHICAL DATA

**Name:** Krista Wollny  
**Address:** University of Calgary  
Professional Faculties, 3239  
2500 University Drive NW  
Calgary, Alberta, Canada  
T2N 1N4  
**Telephone:** 587-575-3035  
  
**Present rank:** Instructor, Tenure track  
**Faculty:** Faculty of Nursing  
**Institution:** University of Calgary

### II. ACADEMIC RECORD

#### **Undergraduate**

Bachelor of Nursing Science with Honours  
2007-2011  
Faculty of Nursing  
Queen's University, Kingston, Ontario, Canada

#### **Graduate**

Master of Nursing  
2012-2015  
Lawrence S. Bloomberg Faculty of Nursing  
University of Toronto, Toronto, Ontario, Canada

Doctor of Philosophy in Epidemiology  
2018-Present  
Department of Community Health Sciences, Cumming School of Medicine  
University of Calgary, Calgary, Alberta, Canada  
Supervisor: Amy Metcalfe & Deborah McNeil

### III. AWARDS AND DISTINCTIONS

2021	Alberta Children's Hospital Research Institute, Graduate Scholarship, \$23,000
2021	University of Calgary, Community Health Sciences Achievement Award
2021	University of Calgary, Student Union Teaching Excellence Award
2020	Alberta Children's Hospital Research Institute, Graduate Scholarship, \$23,000
2020	University of Calgary, Tim Rutter Graduate Scholarship, \$4,800
2019	University of Calgary, Community Health Sciences Achievement Award

2015	Canadian Critical Care Conference, Team Poster Award
2014	University of Toronto, Bluma Appel and Jeannie Butler Graduate Award in Nursing, \$4,500
2013	University of Toronto, Seymour Schulich Graduate Student Award in Nursing, \$8,000
2011	Queen's University, First Class Honours
2010	Queen's University, A.J. Baumgart Award for Academic Excellence
2010	St. Michael's Hospital, Keenan Research Summer Student Scholarship
2009	Queen's University, A.J. Baumgart Outstanding Achievement Award
2008	Queen's University, A.J. Baumgart Award for Academic Excellence
2007	Queen's University, Franklin and Helene Bracken Scholarship in Nursing, \$8,000

#### IV. **ACADEMIC APPOINTMENTS**

2016-present	Instructor (Tenure-track), Faculty of Nursing, University of Calgary
2013-2016	Nursing Instructor, Lawrence S. Bloomberg Faculty of Nursing, University of Toronto

#### V. **CLINICAL APPOINTMENTS**

2017-present	Registered Nurse, PICU, Alberta Children's Hospital
2011-2016	Registered Nurse, PICU/ Critical Care Transport, SickKids

#### VI. **EDUCATIONAL ACTIVITIES**

##### **Undergraduate Teaching**

Fall 2021	NURS 497 The Science of Health IV – Instructor of Record
Spring 2021	Clinical Simulation Learning Centre – Simulation Instructor
Winter 2021	NURS 497 The Science of Health IV – Instructor of Record NURS 499 Integrated Nursing Roles and Practice IV – Simulation Liaison NURS 599 Integrated Nursing Roles and Practice VI – Faculty Advisor
Fall 2020	NURS 289 Integrated Nursing Roles and Practice I – Instructor NURS 545 Transitions in Child and Youth Health – Instructor of Record NURS 589 Integrated Nursing Roles and Practice V – Nursing Practice Course Coordinator (interim)
Fall 2019	NURS 589 Integrated Nursing Roles and Practice V – Nursing Practice Course Coordinator Clinical Simulation Learning Centre – Simulation Instructor
Spring 2019	Clinical Simulation Learning Centre – Simulation Instructor

Winter 2019 Clinical Simulation Learning Centre – Simulation Instructor

Fall 2018 Clinical Simulation Learning Centre – Simulation Instructor

Summer 2018 NURS 589 Integrated Nursing Roles and Practice V – Nursing Practice Course Coordinator  
NURS 503.45 Transitions in Child and Youth Health – Instructor of Record

Spring 2018 NURS 589 Integrated Nursing Roles and Practice V – Nursing Practice Course Coordinator  
NURS 503.45 Transitions in Child and Youth Health – Instructor of Record

Winter 2018 Clinical Simulation Learning Centre – Simulation Instructor

Fall 2017 NURS 589 Integrated Nursing Roles and Practice V – Nursing Practice Course Coordinator  
NURS 503.45 Transitions in Child and Youth Health – Instructor of Record

Summer 2017 NURS 589 Integrated Nursing Roles and Practice V – Nursing Practice Course Coordinator  
NURS 503.45 Transitions in Child and Youth Health – Instructor of Record

Spring 2017 NURS 589 Integrated Nursing Roles and Practice V – Nursing Practice Course Coordinator  
NURS 503.45 Transitions in Child and Youth Health – Instructor of Record

Winter 2017 NURS 499 Integrated Nursing Roles and Practice IV - Instructor

Fall 2016 NURS 589 Integrated Nursing Roles and Practice V – Instructor (interim)

Fall 2015 NUR470Y Integrative Nursing Practicum – Faculty Advisor

Spring 2015 NUR373Y Introduction to Nursing Care of Children and Families – Nursing Practice Course Coordinator

Spring 2014 NUR373Y Introduction to Nursing Care of Children and Families – Instructor

**Graduate Teaching**

Fall 2021 MDCH 741 Systematic Reviews and Meta-Analysis – Preceptor

Fall 2020 MDCH 741 Systematic Reviews and Meta-Analysis – Preceptor

## VII. ADMINISTRATIVE RESPONSIBILITIES

### **Faculty**

- 2020-present Research, Scholarship and Awards Committee, Faculty of Nursing, University of Calgary, Faculty (Instructor) Representative
- 2020-present Mental Health, Wellness and Engagement Committee, Faculty of Nursing, University of Calgary, Committee Member
- 2020-present Quality Clinical Teaching: Faculty Learning Community, Faculty of Nursing, University of Calgary, Member and Mentor
- 2020-present Undergraduate Programs Committee, Faculty of Nursing, University of Calgary, Member
- 2018-2020 Undergraduate Curriculum Committee, Faculty of Nursing, University of Calgary, Member
- 2017-2019 Mental Health, Wellness and Engagement Committee, Faculty of Nursing, University of Calgary, Chair
- 2017-2019 Practice Policy and Procedures Committee, Faculty of Nursing, University of Calgary, Simulation Team Representative

### **University**

- 2019-2020 University of Calgary Graduate Students Association, Mental Health and Wellness Committee, Committee Member
- 2017-2019 Academic Sustainability Committee, University of Calgary, Faculty of Nursing Representative

### **Local Community**

- 2020-present SaferYYC, Co-founder and Manager of Public Relations
- 2020-present Pediatric Intensive Care Unit Research Group, Alberta Children's Hospital, Member
- 2018-present Alberta Children's Hospital Research Institute, Trainee Member

### **National**

- 2021-present Canadian Critical Care Trials Group, Member
- 2020-present Pediatric Intensive Care Research Group, Children's Healthcare Canada, Member

### **International**

- 2020-present Dispersed Volunteer Research Network, Member
- 2020-present Society of Pediatric and Perinatal Epidemiologic Research Trainee Working Group, Member
- 2019-present Society of Pediatric and Perinatal Epidemiologic Research Communications Committee, Member
- 2019-2020 Society of Pediatric and Perinatal Epidemiologic Research Executive Committee, Elected Student Representative

## VIII. PROFESSIONAL ACTIVITIES

### Membership in Professional Societies

- 2021-present Member, Canadian Critical Care Trials Group (CCCTG)
- 2020-present BLS Instructor, Heart and Stroke Foundation
- 2019-present Member, Society for Epidemiologic Research (SER)
- 2019-present Member, Society for Pediatric and Perinatal Epidemiologic Research (SPER)
- 2018-present Member, National League of Nursing (NLN)
- 2018-present Member, International Nursing Association for Clinical Simulation and Learning (INACSL)
- 2016-present Member, College and Association of Registered Nurses of Alberta
- 2011-2016 Member, College of Nurses of Ontario

### Conference Review Activities

- 2020 Society of Epidemiologic Research Annual Meeting (abstract review)
- 2020 Society of Pediatric and Perinatal Epidemiologic Research Annual Meeting (abstract review)
- 2019 ACHRI Summer Student Symposium (abstract review)

### Award Selection Committee

- 2020 Alberta Children's Hospital Research Institute Summer Student Symposium, Trainee Presentation Judge

## IX. RESEARCH SUPPORT

### Funds Received

- 2021-2023 COVID-19 Research Gaps and Priorities Grant, CIHR  
Amount received: \$332,775  
Restricted Family Presence in the PICU during the COVID-19 Pandemic: Understanding Impact, Experience and Stakeholder Priorities  
Nominated Principal Applicant: Jennifer Foster  
Principal Applicants: Janet Curran, Kirsten Fiest, Laurie Lee, Jamie Seabrook  
Co-Applicants: **Krista Wollny**, Laura Betts, Stacy Burgess, Franco Carnevale, Karen Choong, Patricia Fontela, Daniel Garros, Elaine Gilfoyle, Krisina Krmpotic, Geeta Mehta, Kusum Menon, Neda Moghadam, Srinivas Murthy, Katie O'Hearn, Corey Slumkoski, Martha Walls  
Collaborators: Robert Fowler, Paula Robeson
- 2021-2023 Teaching and Learning Grant, University of Calgary  
Amount received: \$39,945  
Exploring the Use of Virtual Simulations to Promote Cross-Disciplinary Teaching and Learning in Inter-Professional Education in Addressing Childhood Exposure to Intimate Partner Violence (CEIPV)

PI: Angelique Jenney  
Collaborators: **Krista Wollny**, Carla Ferreira, Breanne Krut, Jessica Mulli, Jennifer Koshan

2020-2022 Teaching and Learning Grant, University of Calgary  
Amount received: \$21,516.20  
Exploring the Influence of Debriefing on Metacognition in Undergraduate Students  
PI: Tracey L. Clancy; Co-PI: Carla Ferreira,  
Collaborators: **Krista Wollny**, Graham McCaffrey

## X. INVITED ADDRESSES

1. **Wollny K.** 2021. Finding a Great Supervisor or Mentor. Research Career Development Day. Canadian Critical Care Trials Group. Online.
2. **Wollny K.** 2021. Preliminary findings of mRNA COVID-19 Vaccine Safety in Pregnant Persons. Maternal Child Journal Club. University of Calgary. Online.
3. **Wollny K**, Lee S, Kratofil R, Devinney R. 2020. Written Communication for Graduate Students. Graduate Science Education Workshop. University of Calgary. Online.
4. **Wollny K**, Eaton, M. 2020. Pediatric and Perinatal Epidemiology: the association of stillbirth with placental abnormalities. Maternal and Child Journal Club. University of Calgary. Calgary, AB, Canada
5. **Wollny K.** 2019. Managing Psychological Safety in Debriefings. Clinical Simulation Learning Centre Journal Club. University of Calgary. Calgary, AB, Canada
6. **Wollny K.** 2019. Integrating Virtual Simulation into the Pediatric Curriculum. Simulation Fellowship Symposium. University of Calgary. Calgary, AB, Canada
7. **Wollny K**, Elmrayed S, Aucoin J & Fenton T. 2019. IQ Scores at 3-years Corrected Age in Preterm Infants with Bronchopulmonary Dysplasia. Canadian Child Health Clinician Scientist Program, Toronto, ON, Canada.
8. **Wollny K.** 2017. First Lecture Series: The Faces you Meet in Nursing. Faculty of Nursing Orientation. University of Calgary. Calgary, AB, Canada
9. **Wollny K.** 2015. Designing a Pediatric Workshop for Community and Homecare Nurses. Graduate Nursing Student Symposium. University of Toronto. Toronto, ON, Canada.

## XI. PUBLICATIONS/PRESENTATIONS

### Published and In-Press Peer Reviewed Manuscripts

1. **Wollny K**, Metcalfe A, Corrigan C, Drobot A, Gilmour L, Wood S, Wilson RD, Gramlich L, Nelson G. 2021. Maternal Perceptions of Cesarean Delivery Care: a Qualitative Study to Inform ERAS Guideline Development. *Birth*. 00:1-8. <https://doi.org/10.1111/birt.12561>
2. Moss SJ, **Wollny K**, Amarbayan M, Lorenzetti D, Kassam A. 2021. Interventions to improve the well-being of medical learners. *CMAJ Open*. 9(3): E765-E776. <https://doi.org/10.9778/cmajo.20200236>
3. Elmrayed S, Metcalfe A, Brenner D, **Wollny K**, Fenton T. 2021. Are small-for-gestational-age preterm infants at increased risk of overweight? Statistical pitfalls in overadjusting for body size measures. *The Journal of Perinatology*. doi: 10.1038/s41372-021-01050-5.
4. Cherak SJ, Rosgen B, Amarbayan M, **Wollny K**, Doig CJ, Patten SB, Stelfox HT, Fiest KM. 2021. Mental Health Interventions to Improve Psychological Outcomes in Informal Caregivers of Critically Ill Patients: a Systematic Review and Meta-Analysis. *Critical Care Medicine*. doi: 10.1097/CCM.0000000000005011.
5. Lee L, Cherak S, Martin DA, Rosgen B, **Wollny K**, Gilfoyle E, Fiest K. 2021. Comfort-holding in Critically Ill Children: a Scoping Review. *Canadian Journal of Anesthesia*. doi: 10.1007/s12630-021-02090-3
6. **Wollny K**, Cui S, Metcalfe A. Quality improvement interventions to prevent unplanned extubations in pediatric critical care. PROSPERO 2021 CRD42021252233 Available from: [https://www.crd.york.ac.uk/prospero/display\\_record.php?ID=CRD42021252233](https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42021252233)
7. Okpere A, Madubueze A, **Wollny K**, Chaput K, Elliott M, Tough S, Samuel S. Efficacy of rituximab in childhood idiopathic nephrotic syndrome – a systematic review. PROSPERO 2020 CRD42020216260 Available from: [https://www.crd.york.ac.uk/prospero/display\\_record.php?ID=CRD42020216260](https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42020216260)
8. **Wollny K**, Williams C, Al-Abdwani R, Dunn C, Maccartney J, Frndova H, Chin N, Stephens D, Parshuram C. 2021. Unplanned Extubations in Critically Ill Children: a matched case-control study. *Pediatric Critical Care Medicine*. 22(1 3S): 281-282. doi: 10.1097/01.pcc.0000740604.81201.87
9. Cherak SJ, **Wollny K**, Poulin TG, Cook DJ, Stelfox HT, Roze des Ordon A, Fiest KM. 2021. Bereavement Interventions in the Intensive Care Unit for Informal Caregivers of the Critically Ill: A Systematic Review. *BMC Palliative Care*. 20(66): <https://doi.org/10.1186/s12904-021-00763-w>
10. Cherak SJ, Rosgen B, Amarbayan M, Plotnikoff K, **Wollny K**, Stelfox H, Fiest K. 2020. Impact of social media interventions and tools among informal caregivers of critically ill patients after patient admission to the intensive care unit: A scoping review. *PLOS One*. 15(9): e0238803.

11. Al-Abdawani R., Williams C., Dunn C., Macartney J., **Wollny K**, Frndova H, ... Parshuram CS. 2018. Incidence, outcomes and outcome prediction of unplanned extubation in critically ill children: An 11 year experience. *Journal of Critical Care*. 44: 368-375.

### **Submitted Peer Reviewed Manuscripts**

1. **Wollny K**, Pitt T, Brenner D, Metcalfe A. Predicting Prolonged Length of Stay in Hospitalized Children with RSV. *Accepted with Revisions: Pediatric Research*.
2. Li QKW\*, **Wollny K\***, Twilt M, Walsh CM, Bright K, Dimitropoulos G, Pires L, Pritchard L, Samuel S & Tomfohr-Madsen L. Curricula, Teaching Methods, and Success Metrics of Clinician Scientist Training Programs: A Scoping Review. *Accepted with Revisions: Academic Medicine*.  
\*co-first author
3. Pritchard L, Bright KS, Walsh CM, Samuel S, Li QKW, Wollny K, Twilt M, Tomfohr-Madsen L, Pires L, Dimitropoulos G. Challenges and Opportunities: Exploring the Training Needs of Future Clinician Scientists. *Submitted to: Academic Medicine*.

### **Conference Presentations**

1. **Wollny K**. 2021. Multiple-variable Regression Models for Causal and Prediction Analyses. Women in Data Science (University of Calgary), Calgary, Canada (online).
2. Cherak, S.J., **Wollny, K.**, Poulin, T.G., Cook, D.J., Stelfox, H.T., Roze des Ordon, A., Fiest, K.M. (2021, March 5th). Bereavement Interventions to Support Informal Caregivers in the Intensive Care Unit: A Systematic Review. Sebastian K. Littmann Research Day, The Mathison Centre for Mental Health Research, Cumming School of Medicine, University of Calgary, AB (online).
3. **Wollny K**, Williams CB, Al-Abdwani R, Dunn C, Maccartney J, Frndova H, Chin N, Stephens D, Parshuram C. 2020. Risk Factors for Unplanned Extubation in Pediatric Critical Care: a Matched Case-Control Study. Critical Care Canada Forum 2020, Toronto, Canada (online).
4. Cherak SJ, Rosen BK, Amarbayan M, **Wollny K**, Doig CJ, Patten SB, Stelfox HT, Fiest KM. 2020. Mental Health Interventions to Improve Psychological Outcomes in Informal Caregivers of Critically Ill Patients: A Systematic Review and Meta-Analysis. Critical Care Canada Forum 2020, Toronto, Canada (online).
5. **Wollny K**, Pitt T, Brenner D, Metcalfe A. 2020. Predicting Prolonged Length of Stay in Hospitalized Children with RSV. Society for Epidemiological Research Annual Meeting, Online.
6. **Wollny K**, Williams CB, Al-Abdwani R, Dunn C, Maccartney J, Frndova H, Chin N, Stephens D, Parshuram C. 2020. Unplanned Extubations in Critically Ill Children: a Matched



Case-Control Study. World Federation of Pediatric Intensive & Critical Care Societies, Online.

7. **Wollny K**, Metcalfe A, Corrigan C, Drobot A, Gilmour L, Wood S, Wilson RD, Gramlich L, Nelson G. 2020. Maternal Perceptions of Cesarean Delivery Care: a qualitative study to inform ERAS® guideline development. Canadian National Perinatal Research Meeting, Banff, AB, Canada
8. Kirkpatrick M, Patterson JD, Ferreira C, Hnatyshyn T, **Wollny K**. 2020. A multi-patient capstone simulation: leading, collaborating, prioritizing, and responding. International Nurse Education Conference, Sitges, Spain (Cancelled due to COVID-19)
9. **Wollny K**, Hnatyshyn T, Goldsworthy S. 2020. Using vSim to support student learning and transform practice in pediatric and perinatal nursing. International Nurse Education Conference, Sitges, Spain (Cancelled due to COVID-19)
10. **Wollny K**, Elmayred S, Harrison T & Fenton T. 2019. Three-year growth and cognitive outcomes among preterm infants with necrotizing enterocolitis. Society of Pediatric and Perinatal Epidemiological Research, Minneapolis, MN, USA.
11. Sheikh M, **Wollny K**, Metcalfe A. 2018. Effects of general versus neuraxial anaesthesia on neonatal outcomes after cesarean section: a systematic review and meta-analysis. Presented at: Society for Perinatal Epidemiologic Research, Baltimore, MD, USA.
12. **Wollny K**, Breen-Reid K, Joseph S, Campbell C, Alexander L, Dodds A, Walsh CM, Burt A, Cox P. 2015. Ebola: The Spark that Lit the Fire. Canadian Critical Care Conference, Whistler, Canada

## Reports

1. **Wollny K**, Doroshenko A, MacKay E, Manns B, Saxinger L, Conly J, Corriveau A, Duggan S, McRae A, Potestio M, Slobodan J, Zelyas N, Walker B. 2021. COVID-19 Scientific Advisory Group Rapid Evidence Report: Public Health and Health Systems Impacts of SARS-CoV-2 Variants of Concern (VOC). Alberta Health Services.
2. **Wollny K**, Parhar K, Weatherald J, McLane P, Solverson K, McRae A, Holroyd B, Zuege D, Mackay E, Padwal R, Hagens J, Saxinger L, Manns B. 2021. COVID-19 Scientific Advisory Group Rapid Evidence Report: Prone Positioning for Awake, Non-intubated Patients with SARS-COV-2 Pneumonia. Alberta Health Services.
3. **Wollny K**, Ewashen C, Kalu F. 2017. Professional Nursing Masters Stackable Certificate: Guide to Learning Assessment and Program Evaluation. Faculty of Nursing. The University of Calgary.

## Online Resources

1. **Wollny K.** PowerPoint Presentations and Teacher Guides for *Leading and Managing in Canadian Nursing*. Yoder-Wise PS, Grant LG. 2020.
2. **Wollny K,** Smith J, Hollingsworth E, Sutton K. Multiple Choice Questions for *Physical Examination & Health Assessment*. Jarvis C. 2020.
3. **Wollny K.** Case Studies and Multiple-Choice Questions for *Canadian Fundamentals of Nursing 6th Edition*. Potter PA, Perry AG, Stockert P, Hall A, Astle BJ & Buggleby W. 2018.
4. **Wollny K.** Case Studies for *Understanding Pathophysiology, Canadian Edition*. Huether SE, McCance KL, El-Hussein MT, Power-Kean K & Zettel S. 2018.