

**Language Skills**

<b>Language</b>	<b>Read</b>	<b>Write</b>	<b>Speak</b>	<b>Understand</b>	<b>Peer Review</b>
English	Yes	Yes	Yes	Yes	Yes
Czech	Yes	Yes	Yes	Yes	No
German	Yes	Yes	Yes	Yes	No
French	Yes	No	No	Yes	No

**Degrees**

1997/03 – 2000/11	Doctorate of Philosophy, Natural Sciences - Biology, University of Hamburg, Germany Degree Status: Completed
1993/09 - 1996/06	Master of Science, Zoology – Developmental Biology, University of Manitoba, Canada Degree Status: Completed
1988/09 – 1993/06	Bachelor of Science (Honors), Genetics, University of Manitoba, Canada Degree Status: Completed

**Continuing Education/Certificates**

2019/09	Applied Suicide Intervention Skills Training (ASIST)
2019/09	Non-Violent Crisis Intervention in 2019.
2018/11	Fundamentals of OCAP®, Algonquin College and the First Nations Information Governance Centre (FNIGC)
2015/11	Quality Risk Management in Clinical Trials, Tower Mains Training, Canada
2008/03 – 2008/06	Masters Certificate in Project Management, York University and University of Winnipeg, Canada
2007/01 – 2007/04	Intellectual Property Management – Level II, University of Manitoba, Canada
2006/09 – 2006/12	Intellectual Property Management - Level I, University of Manitoba, Canada
2006/01 – 2006/04	Community Legal Intermediary Training Certificate, Community Legal Education Association
2002/10 – 2002/11	General Course on Intellectual Property, World Intellectual Property Organization Worldwide Academy

**Employment History**Academic Appointments

2016/07 - present	Assistant Professor, Faculty of Arts, Business and Science University College of the North (UCN), The Pas Campus, The Pas, MB Full-time; Tenured
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**Other Academic Positions**

2000/11 – 2001/01      Post-Doctoral Fellow  
Institute for Hormone and Fertility Research (IHF), Hamburg, Germany

**Industry Appointments**

2015/01 - 2016/06      Pharmacovigilance Specialist, Pharmacovigilance  
Emergent BioSolutions, Winnipeg, Canada

2013/05 – 2014/12      Manager, Pharmacovigilance Operations  
Cangene Corporation, Winnipeg, Canada

2011/07 – 2013/04      Safety Surveillance Officer, Pharmacovigilance  
Cangene Corporation, Winnipeg, Canada

2009/04 – 2011/06      Manager, Clinical Science  
Cangene Corporation, Winnipeg, Canada

2008/04 – 2011/05      Clinical Research Scientist, Clinical Science  
Cangene Corporation, Winnipeg, Canada

2004/07 – 2008/03      Senior Scientist and Program Manager  
Miraculins Inc., Winnipeg, Canada

2003/01 – 2004/06      Intellectual Property Manager  
Europroteome, GmbH, Hennigsdorf, Germany

2001/01 – 2003/01      Research Scientist  
Mermaid Pharmaceuticals GmbH, Hamburg, Germany

**Teaching****Bachelor of Arts, Faculty of Arts, Business, and Science (FABS), UCN*****Courses taught:***

2021/01 – present      Course Title:    Special Topics in Science with Labs: Biochemistry I  
Course Code:    UC.SCI.2936L  
Course Level:   Undergraduate; 3<sup>rd</sup> year

2019/05 – 2019/06      Course Title:    Special Topics in Science with Labs: Developmental Biology  
Course Code:    UC.SCI.2936L  
Course Level:   Undergraduate; 3<sup>rd</sup> year

2018/01 – present      Course Title:    Cell Biology  
Course Code:    UC.BIO.2000L  
Course Level:   Undergraduate; 2<sup>nd</sup> year

2017/01 – present      Course Title:    Physiology of the Human Body  
Course Code:    UM.BIOL.1412L  
Course Level:   Undergraduate; 1<sup>st</sup> year

**Teaching (continued)**

2017/01 – 2018/08	Course Title: Essentials of Microbiology Course Code: UM.MBIO.1220 Course Level: Undergraduate; 1 <sup>st</sup> year
2016/09 - present	Course Title: Anatomy of the Human Body Course Code: UM.BIOL.1410L Course Level: Undergraduate; 1 <sup>st</sup> year

*Courses Developed:*

2020/09 – 2021/06	Principle Developer, Science, University College of the North Course Title: Special Topics in Science with Labs: Biochemistry I
2019/01 – 2019/06	Principle Developer, Science, University College of the North Course Title: Special Topics in Science with Labs: Developmental Biology

Diploma of Nursing (DPN) program, Faculty of Health, UCN*Courses Taught:*

2020/01 – present	Course Title: Physiology of the Human Body Course Code: UM.BIOL.1412L Course Level: Undergraduate; 1 <sup>st</sup> year
2019/09 - present	Course Title: Anatomy of the Human Body Course Code: UM.BIOL.1410L Course Level: Undergraduate; 1 <sup>st</sup> year

**Mentorship**University College of the North

2022/04 – present	Lionel Lavallee, UCN Student Bachelor of Arts, University College of the North Research Assistant, Near-Net Zero Greenhouse
2020/06 – 2021/01	Sheri McPhee, DPN Program Coordinator Faculty of Health, University College of the North Colleague mentorship in research methods
2019/05 – 2019/08	Kelby Wendling, Undergraduate Student Natural Resources Management Technologies (NRMT) Program University College of the North PIKE-Net Summer Research Internship Award Recipient
2018/05 – 2018/08	Donald Dysart, Undergraduate Student Bachelor of Arts, University College of the North PIKE-Net Summer Research Internship Award Recipient

**Mentorship (continued)**

2017/08 – 2018/06      Karley Gislason-Hanson, Undergraduate Student  
Bachelor of Arts Nursing Intent, University College of the North  
Research Assistant

University of Manitoba: Faculty of Science (FoS) Student Mentoring Program

2019/09 – 2019/12      Taylor MacCleod, Bachelor of Science, University of Manitoba

**Program Development**Academic Programs

2019/08 – present      Co-developer, Science, University College of the North  
Program Title: Bachelor of Science in Biology  
Course level: Undergraduate  
Program Description: The program is currently being developed and will be fundamental in expanding UCN programming opportunities to students interested in pursuing a career in the life sciences.

**Research**

2022 – present      Evaluation of the viability of Near-Net Zero Greenhouse for strengthening food Principle Investigator sovereignty, community health, and student learning opportunities in communities north of the 53rd parallel.  
Field: Sustainability  
UCN SEED Funding Grant Award: \$4,500.00  
Role: Principal Investigator

2021 – present      Examining ethnic/racial diversity in clinical drug trials: a systematic review. Principle Investigator.  
Field: Pharmacogenetics  
Role: Principal Investigator

2020 – present      Learning to braid indigenous ways of knowing with western approaches to teach the natural sciences.  
Field: Post-Secondary Education  
Role: Principle Investigator

2019 – 2020      Impact of hantavirus transmission via deer mice in northern communities.  
Field: One Health  
UCN SEED Funding Grant Award: \$7,200.00  
Role: Co-investigator with Dr. Jeffray Stepaniuk, UCN NRMT Program  
Research Assistant Supervision: Kelby Wendling, UCN undergraduate student and PIKE-Net award recipient

2018-2019	Impact of mercury bio-accumulation in fish on the onset of neurological disorders in humans from Southern Indian Lake Field: One Health UCN SEED Funding Grant Award: \$13,658.50 Role: Co- investigator with Donald Dysart, UCN undergraduate student and PIKE-Net award recipient
2017 - 2018	Feasibility of conducting a pharmacogenetic study comparing Manitoba aboriginal, non-aboriginal and Métis patient population responses to drug therapies targeting cardiovascular disease. Field: Pharmacogenetics UCN SEED Funding Grant Award: \$8,380.00 Role: Principal Investigator Research Assistant Supervision: Karly Hansson, UCN undergraduate student
2013 - 2015	Safety evaluation of IB1001, recombinant factor IX (treenonacog alfa) in the treatment of hemophilia B. Field: Pharmacovigilance; Drug Development Privately funded through Cangene Corporation Role: Clinical Research Scientist/Pharmacovigilance Specialist. Co-investigators with Drs. Hugo Astacio, Bojan Drobic, and Tim Babinchak.
2008-2016	Assessment of WinRho® SDF safety and efficacy as a treatment for hemolytic disease of the newborn and idiopathic immune thrombocytopenia Field: Clinical Research; Drug Development Privately funded through Cangene Corporation Role: Clinical Research Scientist/Pharmacovigilance Specialist
2008-2011	Assessment of Botulism Antitoxin (Equine), Heptavalent (A, B, C, D, E, F, G) ("BAT") safety and efficacy as a treatment of suspected or documented exposure to the botulinum neurotoxin A, B, C, D, E, F or G Field: Clinical Research; Drug Development Privately funded through Cangene Corporation Role: Clinical Research Scientist/Pharmacovigilance Specialist
2004 - 2008	Biomarker discovery for the diagnosis and treatment of colorectal cancer. Field: Biotechnology; Drug Target Development Privately funded through Miraculins Inc. Role: Co-investigator with Drs. Douglas Barker and Stephen Frost, as well as Research Assistant Yilan Zhang
2004 - 2008	Biomarker discovery for the diagnosis and treatment of prostate cancer. Field: Biotechnology; Drug Target Development Privately funded through Miraculins Inc. Role: Co-investigator with Dr. Douglas Barker, and Research Assistant Yilan Zhang

**Publications**Peer-reviewed

Smith T.H.L., Stedronsky K., Morgan B., McGowan RA. Identification and isolation of a BTB-POZ containing gene expressed in oocytes and early embryos of the zebrafish *Danio rerio*. *Genome* 2006;49:808-814.

Stedronsky K., Telgmann R., Tillmann G., Walther N., Ivell R. The affinity and activity of the multiple hormone response element in the proximal promoter of the human oxytocin gene. *J Neuroendo.* 2002;14:472-485.

Rust W., Stedronsky K., Tillmann G., Morley S., Walther N., Ivell R. The role of SF-1/Ad4BP in the control of the bovine gene for steroidogenic acute regulatory (STaR) protein. *J Mol Endo.* 1998;21:189-200.

Stedronsky, K. Characterization of an Oocyte Specific Clone, KSzf5, in Zebrafish (*Danio rerio*). Faculty of Graduate Students, University of Manitoba. 1996:1-135.

**Presentations/Posters**Virtual Presentations

Stedronsky K. (2021) Coronavirus/COVID-19: 4<sup>th</sup> Wave, Breakthrough Infections, and Vaccinations in Children.

Atnikov K. (2021) Coronavirus/COVID-19: Immunizations, The Delta Variant, and the 4<sup>th</sup> Wave.

Atnikov K. (2021) Coronavirus/COVID-19: Vaccines and variants.

Atnikov K. (2021) Coronavirus/COVID-19: Newest developments and busting myths. University College of the North.

Atnikov K. (2020) Coronavirus/COVID-19: The instigator of our new normal. University College of the North.

Atnikov K. (2020) Pivot to Anatomy labs online. University College of the North.

Posters

Astacio H., Atnikov K., Drohic B., Babinchack T. Safety profile of IB1001, Recombinant Factor IX (treenonacog alfa) in the treatment of Hemophilia B. *Haemophilia.* 2014;20 (Suppl. 3) 1-186. WFH 2014 World Congress. May 11-15, 2014; Melbourne, Australia.

Barker D., Stedronsky K., Zhang Y. Clinical application of validated proteomic biomarkers to the diagnosis of prostate cancer. *Molecular Cancer Therapeutics.* 2007;6:supp. AACR-NCI-EORTC International Conference: Molecular Target and Cancer Therapeutics. October 22-26, 2007; San Francisco, California.

Stedronsky K., Zhang Y., Barker D. Clinical application of validated proteomic biomarkers to the diagnosis of prostate cancer. *Molecular Cancer Therapeutics.* *American Journal of Gastroenterology* 2006;pS22. American College of Gastroenterology 2006 Annual Scientific Conference. October 20-25, 2006; Las Vegas, Nevada.

**Service Activities**Internal/Institutional Service:

2022/06 - present	Faculty Member, UCN Sustainability Committee
2021/11 - present	Chair; UCN's Tenure and Promotion Committee accepted.
2021/10 - present	Faculty member, UCN Research Ethics Board
2020/05 – 2022/08	Faculty member, Faculty of Arts, Business, and Science COVID Committee
2020/12 – present	Faculty member, UCN Learning Council
2019/02 – present	Faculty member, UCN Animal Care Committee
2016/09 – 2019/01	Chair and faculty member, UCN Research, Education and Learning Committee

External Service:

2019/09 – present	Member, UCN Research Advisory Committee, Research Manitoba
2019/09 – 2021/06	Reviewer, PIKE-Net Summer Internship and Graduate Fellowship Award applications

Community Service:

2015 - present	Volunteer, Siloam Mission, Winnipeg, Canada
2004 – 2007	Coordinator/Co-Coordinator, Hearth of Europe Pavilion, Folklorama, Winnipeg, MB
2004 - 2007	Secretary, Canadian Czechoslovak Benevolent Associate (CCBA), Winnipeg, Canada