

PROFESSIONAL PROFILE

- Creative, detail-oriented, and dedicated Ph.D. level Statistician with more than 20 years of extensive experience
- Graduate and management courses completed at the University of Waterloo and Harvard University.
- Innovative leader with deep knowledge of the education and health policy landscape including public health systems, health care delivery, health financing systems, and understanding of the impact of the social determinants of health
- Extensive experience in strategic planning, budgeting and allocation of funds, implementation strategies and observing and evaluating academic staff
- Exceptional organizational leadership skills with the proven ability to motivate and manage academic, non-academic, and professionals in pursuit of important goals and lasting change
- Extensive experience in outreach to external funding sources, especially with local authorities, alumni engagement, corporate, foundation, and government agencies
- Highly collaborative attitude with other disciplines such as Medicine, Nursing, Public Health, Arts & Sciences including Liberal Arts, and Engineering
- Extensive experience in online programs and student & faculty recruitment
- Experience in the accreditation process for existing and for new programs such as CCNE, COA, CACREP, ASHA, NASM, CAAHEP, CCUPEKA, AGECE, CEPH, and CAMHE
- Effective mentor of next generation, first generation educators and leaders of underrepresented populations
- Provided leadership in faculty recruitment including tenure and clinical professors
- More than 10 years of clinical trials experience, more than 15 years of education and economic research, and more than 20 years of school based monitoring and surveillance experience
- Leadership experiences both in Urban (University of Illinois at Chicago: UIC) and Rural University (University of North Dakota: UND)
- Research leadership experience in both R2 (UND) and R1 (UIC) universities
- Extensive management experience with diverse student populations, community colleges, and American Indian Population

Leadership Skills

- Influences others to share and commit to a common vision
- Fostering positive work and learning environments
- Always considers differing points of view before making a final decision
- Made timely decisions even when unpopular or difficult
- Anticipates how decisions affect people
- Delegated authority and responsibility
- Provided continuous, honest and supportive feedback
- Adapted and maintained productivity in an atmosphere of changing practices
- Demonstrated an optimistic attitude toward change
- Demonstrated emotional maturity and resiliency in difficult circumstances
- Engaged and supported others in the change process

Personal Skills

- Demonstrated integrity and ethical conduct in words and deeds
- Kept promises and commitments even when unpopular or difficult
- Always accepted ownership and responsibility for outcomes
- Learning from and recovering from setbacks/mistakes

Technical Skills

- Hierarchical and Multilevel Models
- Big Data Analytics
- Bio-statistics for Clinical Trials
- Statistical Consultant
- Incomplete Longitudinal Data Analysis
- Pattern Mixture Models & Selection Models
- Multiple Imputation
- Complex Survey Sampling, Power Calculation, and Experimental Design
- Models for Repeated Measures & Clustering Analysis

Work in Progress

- Missing data in cross-classified and multiple membership models
- Hierarchical data analysis with measurement error and misclassification

General Interest Areas

- Statistical analysis for population based research
- Models for planning population level interventions for public health
- Tobacco control, especially population treatments, services, promotion, and policy
- Building research capacity for chronic disease prevention
- Evidence based, decision making and practice based evidence for public health and chronic disease prevention
- Population and public health, especially the impact of social capital and community organization
- Influence of funding sources on health science research

EDUCATION

2017-2018	<p>Certificate Course: Essential Management Skills for Emerging Leaders: Harvard University: Professional Development Programs, offered by the Division of Continuing Education, Boston, United States</p>
2017—2017	<p>Certificate Course: Leadership Strategies for Evolving Healthcare Executives: Harvard T.H. Chan School of Public Health, Harvard University, Boston, United States</p>

- 2004--2010 **Ph.D. Biostatistics:**
 Department of Statistics and Actuarial Science, University of Waterloo, Canada
 Thesis: Inference in Discrete Hierarchical Models with Reference to Missing Data: Supervisor: Professor Steve Brown
- 1999--2001 **M.Sc. Statistics:**
 Department of Statistics, University of Western Ontario
 Thesis: Kolmogorov-Smirnov Goodness of Fit Test Based on Residuals of ARCH (1) and ACRH-M(1) Model and the Statistical Properties of ARCH Parameters
- 1997--1999 **M.Ed. Educational Policy Studies:**
 Department of Education, University of Western Ontario
 Thesis: Social-Psychological Influences on Student Achievement and Implications for Educational Policy
- 1994--1996 **M.S. in Applied Economics**
 Applied Economic Research Center

EMPLOYMENT

Tenured Professor, Department of Public Health, Montclair State University (Sept 2024 ---)

Transitioning from College Dean role to faculty position to prioritize family medical needs.

- Supporting the Interim Dean in the transition while fulfilling faculty responsibilities.
- Teaching undergraduate and graduate courses in public health.
- Mentoring students and advising on research projects, internships, and career development.
- Continuing contributions to curriculum development, interdisciplinary research, and student success initiatives.
- Engaging in scholarly activities, community outreach, and fostering partnerships to advance public health education

Dean, College for Community Health (June 2023 – August 2024)

Supervised the comprehensive management of the College for Community Health, which encompasses six distinct departments: Communications Sciences and Disorders, Public Health, Counseling, Exercise Science and Physical Education, Family Science, and Human Development, as well as Nutrition and Food Studies. The college has a robust portfolio of more than 50 academic programs spanning minor and major fields of study. Most of our programs have received accreditation from multiple accrediting bodies. The college caters to a diverse student body, comprising approximately 136 faculty, 35 staffs, 1,600 undergraduate and 900 graduate students pursuing bachelor's, master's, and doctoral degrees.

- Spearheaded the establishment of a new College, including the merger of new two departments in college, defining its mission, vision, and identity.

- Initiated and led the creation of several interdisciplinary programs such as Health Data Analytics, Aging, and DrPH
- Coordinated extensively with diverse colleges (e.g., College of Arts and Sciences, Business School) and health institutions (Hackensack Hospitals, University Hospitals, Veterans Affairs, and community-based organizations).
- Focused on transforming programs to enhance student experiential learning, integrating hands-on experiences and real-world applications into curricula to better prepare students for professional challenges.
- Fostered interprofessional education, creating collaborative learning environments that simulate interdisciplinary professional contexts.
- Significantly expanding academic and research infrastructure: secured 3M and 2M dollars grant within a year on mental health and Enhancing teaching with VR.
- Advanced teaching excellence across diverse modalities, ensuring an inclusive and innovative learning environment.
- Promoted diversity, equity, and inclusion through strategic initiatives encompassing faculty hiring, student success programs, and leadership development.
- Led effective fiscal management, implementing innovative fundraising strategies, and engaging with external stakeholders, including alumni, corporate entities, and community partners.
- Represented the College to regional business, industry, and community leaders, expanding partnerships and cultivating new advisory relationships.
- Identified and executed new program development initiatives, fostering interdisciplinary opportunities aligned with the University's mission and strategic plan.
- Directed National and State accreditation processes, facilitating ongoing academic program development and serving as a liaison with governmental and professional agencies.
- Led recruitment, enrollment, and retention efforts for high-caliber students locally, nationally, and internationally, ensuring a diverse and talented student body.
- Led the transformation of the General Education curriculum, reducing it by 32 credit hours to ensure inclusivity, reflect contemporary societal issues, and incorporate community-based learning and equity-focused perspectives.
- Oversaw recruiting, hiring, and retention efforts for highly qualified diverse faculty and staff, ensuring compliance with collective bargaining contracts.
- Supported faculty research, scholarship, and grant writing endeavors, encouraging student involvement in these pursuits.
- Drove innovative community engagement and public service efforts, establishing impactful collaborations between the College and diverse communities.
- Collaborated with faculty and administrators to address post-pandemic teaching challenges, developing multi-year enrollment plans aligned with institutional strategic goals.
- Launched initiatives such as faculty mentorship programs, joint degree opportunities, community-focused education, and faculty recognition efforts to enhance collaboration across colleges, including Engineering, Medicine, and Nursing.

- Relocated from New Jersey to Illinois to support a family member's critical medical care, transitioning to a Professor role while maintaining a strong focus on advancing academic programs, teaching excellence, and community engagement.

Associate Dean for Academic Affairs (ADAA): School of Public Health; University of Illinois Chicago (UIC) (Sept 2020 – June 2023)

- Direct reporting to ADAA: Academic affairs staff, Assistant Dean for Student Affairs, Assistant Dean for Admission and Recruitments, Assistant Dean for Undergraduate programs, Director of Doctor of Public Health (DrPH), and Director of Graduate Studies (DGS)
- Establishes the strategic direction for the Office of Academic Affairs based on existing strategic plan
- Supervises faculty and staff positions in the Dean's office responsible for academic affairs, faculty affairs, student affairs and undergraduate/graduate programs
- Prepares and oversees the annual budget for the Office of Academic Affairs
- Oversees compliance with Federal, State, and University regulations and standards as they apply to all aspects of the Office of Academic Affairs
- Works with the Division Directors, Dean, Senior Associate Dean and appropriate school-wide committees to establish and revise curricula to ensure that graduates of the school are prepared to join the public health workforce
- Oversees compliance with accreditation requirements of the Council on Education for Public Health (CEPH)
- Provides leadership and assists with the development of new educational programs and degrees in the school
- Works collaboratively with faculty and staff to ensure the school's educational programs reflect the school's strategic mission, values, and goals, in addition to aligning with CEPH and CAHME standards.
- Identifies faculty development needs with respect to pedagogy and curriculum and develops programs to address faculty needs in both classroom and online education.
- Participates in the Dean's administrative leadership team and strategic planning initiatives
- Serves as the Alternate SPH Director of Graduate Studies (DGS) and liaison to the Graduate College.
- Advice on the alignment of resources and decision-making authority as necessary to ensure the attainment of SPH strategic goals
- Serves as the School's Grievance Officer for student grievances
- Serves as SPH representative on relevant campus committees
- Provides guidance for faculty and staff regarding student welfare and academic performance issues in collaboration with the Assistant Dean for Student Affairs
- Member of the Senate Committee on Diversity, Equity, and Inclusion
- Member of the task force for the future of instruction at UIC
- Work closely with the Associate Dean of Diversity and Inclusion to support students, faculty, and staff

- Work closely with the Assistant Dean for Advancement to seek funding for student support, scholarship, Global Health Program, and other academic related support including capital and soft fundings
- Work closely with the Associate Dean for Community Engagement and Global Health

Associate Dean for Research (ADR) & Additional Responsibilities of Associate Dean (AD); College of Nursing and Professional Disciplines; University of North Dakota (UND) (July 2016- Sept 2020)

- Direct reporting to AD/ADR: Director of Graduate Program including PhD, and Doctorate of Nursing Program, Department Chairs of Social Work, Nutrition, & Nursing, RAIN program, Research Institute, Research Office staff & Partial reporting from Budget Office
- Developed and implemented a new strategic plan (2017-2022) envisioning new academic programs to respond to the needs and opportunities of the 21st century in the Nursing, Social Work, Nutrition and Dietetics departments.
 - Worked collaboratively with faculty and staff in implementing of College strategic plan and aligning them with the University of North Dakota (UND) strategic plan
 - Advocating for the College, especially by joining the university-wide processes in strategic planning, budget, facilities planning and political action to position the College favorably in the University's broader planning
 - Represented the College within the University to create synergistic collaborations with other colleges and department, including the college of medicine
- Restructured both Business Office & IT offices to manage and streamline College's operations including personnel, finances, repairs, and management of facilities based on MIRA (Model for Incentive-Based Resource Allocation)
- Ensuring the implementation of existing policies and procedures to support individual and College collective success
- Facilitating and engaging the college among a diverse range of external constituencies, alumni, policy makers and the community at large in representing the interest of college and the university of North Dakota
- Managing the human resources at the College
- Recruiting and retaining an outstanding faculty: during my tenure hired more than six diverse tenure track faculty members
- Mentoring & evaluation of tenure track faculty members
- Ensures accountability and transparency of the College's activities, information and reports
- Helping the Dean & Provost in the development and implementation of multi-year enrolment plans for the College's graduate studies that are aligned with the strategic

- direction of the College of Nursing, the College of Graduate Studies, and the University of North Dakota
- Develop and implement outreach programs to high schools, colleges, and educational fairs internationally, focusing on regions with high potential for student recruitment.
 - Partner with international educational agencies and consultants to identify and engage potential students.
 - Raising private funds for scholarships, professorships, programs, facilities and other college needs
 - Assuring co-ordination of all components of the College: departments, centers, academic programs (including undergraduate, graduate and professional), economic development activities, public service and other activities of the unit
 - Leading and managing three research centers
 - Overseeing faculty workloads, including both tenure and non-tenure track faculty, with a focus on optimizing research activities
 - Providing support in enhancing academic partnerships with regional, national, and international academic institutions by clearly defining the process of engaging the graduate students in research and collaborative research
 - Playing a key oversight role in accreditation, program review and other processes that are important for the continuous improvement of the college's activities
 - Communicating and ensuring compliance with the College and University's existing policies, federal and state level regulations and collective agreements
 - Responsible for all matters related to the administration of the college research and academic activities including budgeting, managing human resources, mentoring tenure track and tenure faculties, staff and students.
 - Increasing research expenditure at both the university and college levels
 - Incorporated several policies and procedures to streamline pre- and post-award support for both faculty and the research office.
 - Streamlined the IRB approval process across colleges and universities, collaborating with stakeholders such as community organizations and hospitals to ensure efficiency and compliance.
 - Providing leadership and oversight to college research centers, divisions and other faculty research clusters including grants and grant related activities, and fostering a diverse, inclusive and equitable environment
 - Promoting the College as a leader in public health research, policy, and practice in the State of North Dakota, Nationally, and Globally
 - Developing new ideas and supporting the existing environment that champions and promote the innovative research
 - Increase the number of high impact research article more than 15 percents
 - Significantly increased the number of submitted proposals to funding agencies

- Developing new ideas and enhancing the existing research ideas to be focused more on partnerships with industry, government, and other academic institutions in order to support faculty research programs
- Implementing and maintaining the effective system of checks and balances with respect to grant financial management and assets
- Enhancing diversity, equity and inclusion, bringing global perspective, and promoting research activities to a wider range of audiences within the State of North Dakota.
- Bringing the knowledge extracted from research to the attention of the stake holders, policy advisors, and media as desired
- Advocating for graduate student retention and success initiatives across the campus and assuming a leadership role in the development of a culture of student success in the College and at the University
- Organizing Graduate Day and 3 minute thesis competition
- Established a mentoring model where undergraduate students collaborate with graduate students, fostering research engagement and extending opportunities to high school students.
- Significantly increased faculty-supervised student research encouraged research activities as term papers in graduate courses, and promoted more thesis options in graduate programs. A unique aspect of this initiative was the strong emphasis on research projects that directly engaged with and benefited the community.
- Recruitment and retention of graduate students
- Assessing and ensuring the continual improvement in high quality graduate student support services, including but not limited to graduate advising services

External Funding Secured at the College during my Tenure (since July2016-2020):

Sponsor	Title	Amount (US \$)
US Department of Justice	Two Community Sexual Assault/Tribal Blueprint of Safety	550,000
Heath Resources & Services Administration	Scholarships for Disadvantaged Students Year 3	640,000
Substance Abuse & Mental Health Services (SAMHSA)	SBIRT Inter professional Training in ND	241,357
National Institute of Health	NCWWI Year 4	147,000
Indian Health Service	RAIN Section 112 HIS - Year 27	416,973
US Department of Health & Human Sources	Child Welfare Stipend Program-UG 2017-19	150,000
Sigma Theta Tau International	Postpartum Weight Retention in Mothers and Offspring	1,500
Arnold P Gold Foundation	CNPD White Coat Ceremony/Pinning	1,000
Sigma Theta Tau International	Phenomenon of Comminuting Away by Rural Nurses	750
MHA Nation	RAIN/Mandan Hidatsa Arikara Education Pipeline	1,160,505
ND Department of Human Services	County, State, Foster Parent Training-UG	522,832
ND Department of Human Services	County, State, Foster Parent Training-UG	28,069

ND Supreme Court	Indian Child Welfare Act (ICWA)	50,000
ND Department of Health	Preventive Health & Health Services	20,000
Substance Abuse & Mental Health Services (SAMHSA)	Mountain Plains Addiction Technology Transfer Center	775,294
Substance Abuse & Mental Health Services (SAMHSA)	Mental Health Technology Transfer Center	733,584
Substance Abuse & Mental Health Services (SAMHSA)	Mental Health Technology Transfer Center School Based	500,000
Health Resources & Services Administration	Nurse Anesthetist Traineeship	19,067
Health Resources & Services Administration	Nurse Anesthetist Traineeship	48,245
US Department of Justice	Oil Impact in ND/MT on Domestic Violence	20,000
National Institute of Health	A Multidisciplinary MARC U-STAR Program at UND year 1	134,047
National Institute of Health	A Multidisciplinary MARC U-STAR Program at UND year 2	268,000
National Institute of Health	NCWWI Year 3	228,893
Indian Health Service	RAIN Section 112 HIS - Year 29	337,341
Indian Health Service	RAIN Section 112 HIS - Year 28	337,225
ND Department of Human Services	Child & Family Services Review 2018-19	475,979
ND Department of Human Services	County & State Employee Training 2018-19	841,741
Otto Bremer Foundation	Preparing Diverse Nursing Students for Success	114,988
ND Department of Human Services	Foster Parent Training 2018-19	915,976
Research Fund for Sunny Univ of Buffalo	Indian Child Welfare Act (ICWA) Year 2	337,592
Research Fund for Sunny Univ of Buffalo	Indian Child Welfare Act (ICWA) Year 3	425,416
Substance Abuse & Mental Health Services (SAMHSA)	Mountain Plains Addiction Technology Transfer Center Year 2	775,294
Health Resources & Services Admin (HRSA)	Nursing Workforce Diversity - RAIN Year 6	500,000
Health Resources & Services Admin (HRSA)	Nursing Workforce Diversity - RAIN Year 7	500,000
Curators of the Univ of Missouri Kansas City	ATTC Regional Centers Opioid State Targeted Response	229,125
National Institutes of Health	NCWWI Year 5	147,000
National Institutes of Health	DACCOTA	163,175
Bush Foundation	Mental Health ID Card	10,000
	Total	12,767,967

Advisory Board Member: Master of Healthcare Administration (Spring 2021—June 2023)

- Provide input regarding the competencies graduates of our program will need to achieve to become effective leaders in the healthcare industry
- Educate the administration and faculty on the current and future healthcare environment that MHA graduates will be entering to ensure the ongoing relevance of the programs' core curriculum.
- Review and approve a strategic plan that provides supporting goals of the MHA program for each academic year and monitor their achievement.

- Provide guidance in developing new programs, courses and initiatives that are consistent with annual program goals and accreditation requirements.
- Review and monitor progress in the achievement of program CAHME accreditation standards.

Elected Member: University of Illinois Chicago Senate (Fall 2021---June 2023)

- Future of Instruction at UIC Taskforce
- Academic Planning Taskforce
- Diversity, Equity, and Inclusion Taskforce
- Member of Search Committee for UIC administrator

Director: Biostatistics, Epidemiology, and Research Design Core under the Dakota Cancer Collaborative on Translational Activity (NIH funded grant: <https://med.und.edu/daccota>), College of Medicine, University of North Dakota (July 2018- Aug 2020)

- Played a pivotal role in advancing multidisciplinary research as part of the Biostatistics, Epidemiology, and Research Design Core under the Dakota Cancer Collaborative on Translational Activity (DaCCoTA), an NIH-funded grant aimed at fostering cancer research and translational science in the region.
- Established strategic partnerships with the Grand Forks Regional Health Authority, VA Medical Center, Altru Hospital, and Sanford Health System, creating a collaborative ecosystem to support health research and improve regional healthcare outcomes.
- Supported the Dakota Cancer Collaborative NIH grant by providing biostatistical expertise and serving as a key member of the Statewide Biostatistics Advisory Group, ensuring robust data analysis and interpretation for impactful research outcomes.
- Fostered interdisciplinary collaboration by engaging with diverse colleges and units at UND, including the College of Engineering, College of Arts & Sciences, Aerospace, College of Law, and Tribal Health Authority, to develop innovative research projects addressing critical societal and health issues.
- Championed initiatives to integrate biostatistics and epidemiology expertise into multi-disciplinary research, supporting faculty and students in securing grants and publishing high-impact studies.
- Worked with the College of Medicine to enhance research infrastructure and build capacity for translational science, aligning with UND's mission to serve rural and underserved populations through impactful healthcare innovation.

Board of Director: Research Manitoba (RM): Appointed by Lieutenant Governor on the recommendation of the Minister (Jan 2019—June 2024)

- Managed 55 million dollars budget
- Serve as a trusted advisor to the CEO as she develops and implements RM strategic plan
- Review outcomes and metrics created for evaluating impact and regularly measuring its performance and effectiveness using metrics

- Approve annual budget audit reports and material business decisions meeting all legal and fiduciary responsibilities
- Assist the CEO and board chair in identifying and recruiting other Board Members
- Partner with the CEO and other board members to ensure that board resolutions are carried out
- Serve on committees or task forces and take on special assignments
- Managed funding of \$12,000,000 from the Department of Growth, Enterprise and Trade to promote research in Manitoba

Executive Council Member: Canada Pakistan Research & Development Council (Since 2016--)

- To promote joint research activities by Canadian and Pakistani scientists
- To support the development and maintenance of research infrastructure promoting health research issues faced by Canadians and Pakistanis, including the creation of chairs as well as specific research teams
- To support specific health research projects by scientists and students from Pakistan and Canada
- To raise funds for research projects, exchanges, and research infrastructure

Executive Director: S-Square Statistical Consulting Inc. (Since 2009---)

- Providing Support in Institute for Clinical and Economic Review (ICER): Economic analysis in assessing the comparative clinical effectiveness and value of crizanlizumab (Novartis) and voxelotor (Global Blood Therapeutics) for the treatment of sickle cell disease
- Providing Statistical Support to the Health Canada on several projects

Board of Director for Peer Review: Manitoba Health, Seniors and Active Living (June 2019—July 2021)

- The board is responsible for complying with The Dental Association Act and has overall responsibility for the management and operation of the Association
- Exercise disciplinary jurisdiction over members
- Provide for inquiries or investigations by the board or a committee thereof to ascertain whether the by-laws of the Association have been or are being complied with
- Prescribe and determine the consequences to any member, dental assistant, or dental corporation for the non-observance of any of the by-laws of the Association and determine in which cases the non-observance constitutes professional misconduct or unbecoming conduct
- Make or cause to be made any contract or agreement into which the Association may by law enter
- Suspend the license, certificate of registration, or permit of any member, dental assistant or dental corporation and strike from the register the name of any member dental assistant or dental corporation who has not paid a fee or penalty due under the Act or the by-laws, and impose terms for the reinstatement of the license, certificate of registration or permit if the fee or penalty is paid

- Make by-laws for the exercise and carrying out of the powers imposed upon the board or the Association by this Act
- Make by-laws establishing the qualifications required to be registered on the dental assistants register
- Establish the standards of continuing education, which may be required of members as a prerequisite for the issuing of an annual license

Graduate Faculty Advocates: School of Graduate Studies (Since 2017- Aug 2020)

- Identify the unique challenges and opportunities for growth of both graduate faculty and graduate students at UND
- Encourage the ongoing development of a diverse, campus-wide community of scholars that identifies and facilitates opportunities for interdisciplinary and forward-looking approaches to graduate education and career paths
- Promote internal and external communication and activities to foster ongoing dialogue for graduate students and faculty that encourages collaboration between multiple on and off campus stakeholders
- Address improving recruitment, retention, and pathways to future opportunities for graduate students, focusing on international students, women and students of color
- Promote public scholarship by encouraging the sharing of research with a wider audience and developing appropriate forums for such sharing
- Researching important trends, initiatives, assessment metrics, and best practices in graduate education regionally and nationally to actively identify and propose appropriate methods for adding value to graduate education at UND

Associate Professor (Nill appointment); Department of Statistics; University of Waterloo (Since 2011--)

- Engaged in collaborative research with Propel Centre for Population Health Impact and other faculty members at the University of Waterloo
- Providing guest lectures and statistical consulting to the Applied Health Sciences Faculty at the University of Waterloo

EXPERIENCE

06/2023—	Dean & Professor (Tenured) College for Community Health Montclair State University; New Jersey
01/2019—06/2024	Board of Directors Research Manitoba; Manitoba; Canada
09/2020—06/2023	Associate Dean for Academic Affairs School of Public Health University of Illinois Chicago
08/2019—06/2023	Board of Directors for Peer Review: Manitoba Health, Seniors and Active Living

07/2013—12/2022 **Associate Professor (Tenure Track);** Department of Community Health Sciences, College of Medicine, University of Manitoba (Since 2013--2022)

- **July 2013 – June 2016:** Joint appointment University of Manitoba and CancerCare Manitoba
- **July 2016 – 2022:** Nill appointment
- Supervising Master and PhD students as a core supervisor and as committee members
- Engaged in collaborative research with CancerCare Manitoba and other faculty members at the University of Manitoba
- Strong advocate for the Shastri Indo-Canadian Institute, promoting research collaborations with Indian universities

01/2014—07/2016 **Chair: South Asia Research Advisory Group (RAG);** University of Manitoba

- Countries included: India, Sri Lanka, Nepal, Bangladesh, and Pakistan
- Student Travel Risk Policy: review and approval prior to Senate
- Review of existing supports for international research; recommendations for how to better foster and promote international research
- Review of updated international partnership development process; review of international memberships for continuance
- Review of updated strategy for international student transition and support;
- Faculty/Staff Travel Risk Policy: review and approval prior to Senate; presentation of fiscal year-end report on international activities

08/2016—09/2020 **Associate Dean for Research/Associate Professor**
College of Nursing and Professional Disciplines
University of North Dakota (UND)

08/2018—08/2020 **Director: Bio-Statistics Core**
College of Medicine; University of North Dakota (UND)

08/2017—08/2020 **Graduate Faculty Advocates**
School of Graduate Studies; UND

- *Expansion of Recruitment Strategies:* Developed and implemented targeted recruitment strategies to attract high-caliber students from Indian, African, and South American

universities. Providing support for human resources specially related to research

- *Cultural Exchange Initiatives*: Promoted cultural exchange programs and international student support services to improve recruitment and retention of students from diverse backgrounds
- *International Research Symposiums*: Organized and participated in international research symposiums and conferences that include researchers from India, Africa, and South America, promoting interdisciplinary collaborations and knowledge sharing

06/2018 –12/2018 **Associate Vice President of Research (Temp)**: University of North Dakota

- Providing support to the Vice President of Research in managing the 200 Million dollars research funds
- Providing support for human resources specially related to research
- Chair: Associate Dean of Research at the University level
- Managing the majority of Seed grants activities at the University level
- Providing support to the President and Vice President in the implementation of the University-wide Strategic Plan

08/2013 –07/2016 **Board of Directors**
Research Data Center (RDC); University of Manitoba.

- Collaborate with fellow board members to develop and oversee the implementation of the RDC’s strategic plan, ensuring alignment with Statistics Canada’s goals and objectives.
- Guide the creation and revision of policies and procedures related to data access, research practices, and international collaboration.
- Monitor the RDC’s performance against established goals and benchmarks, ensuring that operations are efficient and effective.

08/2013 –08/2016 **Statistical Consultant**
Manitoba Centre for Nursing and Health Related Research

08/2013- 07/2015 **Senior Epidemiologist/Biostatistician:**
CancerCare Manitoba;

- Established and managed a \$40 million research institute overseeing more than 100 projects, including those funded by foundations, as well as local, provincial, and federal agencies.

- Led and contributed to several high-impact research projects, serving as Co-Investigator or Principal Investigator on key studies.
 - Time Trends in Prevalence of Lifestyle Risk Factors for Cardiac and Other Chronic Diseases Among Manitoba Youth, 2008-2012 and the Association with Changes in School Programs and Policies (Principal Investigator)
 - Discovering the key to a healthy weight trajectory throughout adolescence: A life course approach from an inequality perspective (Co-PI)
 - Evaluation of Ontario's School Food and Beverage Policy: Are Competitive Foods and Issues? (Co-Investigator)
 - Improving Access and Quality of Mental Health Services for Youth (Co-Investigator)
 - Population based cost analysis of introducing Erlotinib for Non-small cell lung cancer (NSCLC) (Co-Investigator)
 - Geographic variation in colorectal cancer (CRC) outcomes and utilization of lower GI endoscopy (Co-Investigator)
 - Clinical outcomes of breast and lung cancer patients treated with hormonal agents (Co-Investigator)
 - Explore outcomes of women with very early breast cancer (T1mic, T1a and b N0) and also look at the Her-2 subset (Co-Investigator)
 - Temporal and Spatial Trends of Lymphoma Incidence, Mortality, and Survival in Manitoba (Co-Investigator)
 - Obesity and Physical Activity of Manitoba Youth and Association of Adult Cancers (Principal Investigator)
 - Regional Variation and Link Between Youth Smoking rates and adult Lung Cancer (Principal Investigator)

07/2002-07/2013

Assistant Professor/Biostatistician: Propel Centre for Population Health Impact, University of Waterloo

- Assists in conducting methodological research including following the research plan, identifying milestones and developing detailed plans for achieving them
- Designs and conducts simulations and analyses and prepares detailed reports
- Collaborates with other researchers on statistical aspects of study design, planning and analysis
- Participates in writing/reviewing manuscripts for publication
- Provides teaching sessions to researchers on basic statistical analysis
- Maintain proficiency in the use of statistical software packages and programming languages
- Supervision of graduate students on their analysis

- 12/2006-12/2011 **Statistical Consultant:** Department of Wellness, Culture and Sport and the Department of Education, University of New Brunswick
- Lead Statistician: Provided statistical expertise for several projects (http://www.unbf.ca/education/herg/sante/index_en.html.)
- 09/2007-04/2008 **Statistical Consultant:** University of British Columbia
- Lead Statistician: Provided analytical support to a school based project, which involved student level datasets, school level information, and community level information (<http://www.projectimpact.ca/home.htm>.)
- 01/2007-12/2007 **Statistical Consultant:** Health Canada
- Provided analytical and writing support to the two research papers.
 - The first study examined retailer compliance's effect on youth smoking behavior. Data were used from several sources, such as individual smoking behavior (Canadian Tobacco Use Monitoring Survey, 1995-2005), provincial retailer compliance rates (Health Canada survey), and cigarette prices (Stats Canada 1999-2005). Please access the paper (<http://mpira.ub.uni-muenchen.de/3078/>).
 - The objective of this second paper was to determine the extent to which the existence and growth of discount cigarette brands have mitigated the effects of tax increases on cigarette sales. Please access the abstract (http://papers.ssrn.com/sol3/papers.cfm?abstract_id=995074)
- 08/2001-07/2002 **Research Associate (Clinical Trials):** University of Western Ontario
- Investigated the impact of early case detection and intervention in psychosis on outcomes in schizophrenia and related disorders, funded largely by the Medical Research Council of Canada (<http://www.pepp.ca/research1.html>)
- 09/2000-08/2001 **Research Assistant (Clinical Trials):** London Health Science Center
- Investigated the impact of early case detection and intervention in psychosis on outcomes in schizophrenia and related disorders, funded largely by the Medical Research Council of Canada (<http://www.pepp.ca/research1.html>)
- 06/1999-08/2000 **Research Assistant:** Department of Statistics, University of Western Ontario
- Completed a variety of projects using Ontario Health Survey Data under the supervision of Dr. David R. Bellhouse
- 04/1999-8/1999 **Statistical Consultant:** Department of Surgery, London Health

Sciences Center

- Provided Statistical help for many different projects especially for “Assessing Bone Densitometry around Surgery and Prodigy THR’s.”

09/1995-12/1997 **Statistician (Economic Analysis):** Social Policy and Development Center (Funded by Canadian International Development Agency), Karachi Pakistan

- Estimation and Policy Simulation of a large (over 250 equations) “Provincial Integrated Social Sector Macroeconomic Planning Model” using EVIEWS software
- Provided analysis on several health related papers
- Program, especially the developmental side of the Social Action Program (SAP)
- Data analysis for the “Social Sector Annual Report 1998”

TEACHING EXPERIENCE

Undergraduate Program: University of Illinois Chicago

- PUBH 395: Professional Topics Seminar

Term: Spring 2023

Master in Public Health Course: University of Illinois Chicago

- BSTT 595: Biostatistics Research Seminar

Term: Spring 2023

Undergraduate Program: University of Illinois Chicago

- PUBH 395: Professional Topics Seminar

Term: Fall 2022

Master in Public Health Course: University of Illinois Chicago

- BSTT 401: Biostatistics II
- BSTT 595: Biostatistics Research Seminar

Term: Spring 2022

PhD. Course: University of Manitoba

- CHSC 7830: Advanced Biostatistics for Community Health Science

Term: Spring 2021

PhD. Course: University of North Dakota

- Nursing 514: Essentials in Epidemiology

Term: Fall 2019

PhD Course: University of North Dakota

- Nursing 514: Essentials in Epidemiology
 - Term: Spring & Fall 2018

PhD Course: University of North Dakota

- Nursing 573: Grant Writing
 - Term: Fall 2017

PhD Intensive Workshop: University of North Dakota

- Big Data and Application to the Nursing Research
 - Term Fall 2017

Guest Lectures: University of North Dakota

- Statistics in Nursing:
 - Term: Spring 2017; Fall 2016
- Statistics in Nutrition Research:
 - Fall 2016
 - Number of students: 25

Graduate Courses: College of Medicine; University of Manitoba

- CHSC 6810: Biostatistics for Clinicians/ Statistical Methods in Spatial Epidemiology
 - Term: Winter 2013, 2014, 2015, 2016, and spring 2016
- CHSC 7290: Economic Evaluation of Health Care
 - Term: Spring 2016
- CHSC 7610: Applied Survival Analysis
 - Term: Spring 2014

Undergraduate and Graduate Courses: University of Waterloo

- STAT 331/361: Applied Linear Models
 - Term: Spring 2008
 - Number of students: 82
- STAT 371: Statistics for Business I
 - Term: Fall 2008 & 2009
 - Number of students: 140
- STAT 372: Statistics for Business I
 - Term: Winter 2009 & 2010
 - Number of students: 130
- STAT 322: Sampling and Experimental Design
 - Term: Fall 2011
 - Number of students: 40
- STAT 221: Statistics II
 - Term: Winter 2012
 - Number of students: 30

Undergraduate Courses: Wilfred Laurier University, Waterloo

- Math 341: Statistical Inference
 - Term: Winter 2010
 - Number of students: 23

06/1999-08/2000 Graduate Teaching Assistant: Location: University of Western Ontario

- Independently lectured 15 second year university students
- Proctored exams, constructed & administered tests, graded essays & tests
- Completed course on teaching assistant training program on effective teaching, organizational and oral communication abilities.

01/1997-12/1997 Part-time Lecturer: Commecs Institute of Business Education, Karachi, Pakistan

- Taught introductory Mathematical Statistics and Statistical Inference

01/1996-12/1996 Part-time Lecturer: Applied Economics Research Centre, Karachi, Pakistan

- Taught Econometric Analysis, Applied Econometric, and Time Series Modeling
- 03/1995-08/1995 Lecturer: Department of Statistics, University of Karachi, Karachi, Pakistan**
- Major courses taught were Mathematical Statistics, Econometrics, Sampling Techniques, and Statistical Inference
- 11/1992-12/1994 Part-time Visiting Lecturer: Petroman Computer Training Institute, Karachi, Pakistan**
- Major courses taught were Introductory Business Mathematics and Basic Statistics

COMMITTEES MEMBERS:

- Search Committee:
 - Associate Dean for Community Engagement- School of Public Health
 - Associate Director of Innovation, Recruitment and Retention – UIC (completed)
 - Interim Associate Dean for Global Health- School of Public Health (completed)
 - Senior Associate Dean – School of Public Health (completed)
- Elected Member of University of Illinois Chicago Senate
 - Committee member: Future of Instruction at UIC
 - Committee member: Academic Planning Taskforce
 - Committee member: Diversity, Equity, and Inclusion Taskforce
 - Member of Several Search Committee for UIC administrator
- Advisory Board Member: Master of Healthcare Administration
- Leading CEPH Accreditation 2022
 - Ex-Officio Membership:
 - Committee on Educational Programs
 - DrPH Oversight Committee
 - MPH Oversight Committee
 - Undergraduate Oversight Committee
- Member of Diversity Leadership Committee
- Member of Leadership Council
- Committee member: CNPD Graduate Student Recruitment
- Committee member: UND Big-data Cluster Faculty Search
- Committee Chair: CNPD Research & Scholarship Committee
- Committee member at UND:
 - Northern Plain Centre for Behavioral Research (NPCBR) Space Allocation Committee
 - School of Graduate Studies Faculty Advocates Group
 - Strategic Planning - Research & Scholarship Work Group
- Served as a member of the advisory board for the Manitoba Centre for Nursing and Health Research (MCNHR)
- Served as a member of the Education/Nursing Research Ethics Board (ENREB)
- Bio-statistical Advisor for Canadian Breast Cancer Foundation, Cancer Care Manitoba, Canadian Cancer Society

- Reviewer of several Journals
- Board member of the Research Data Centre (RDC)
- Served as a Director of Statistics Canada RDC at the Fort Gary Campus
- Chair of Regional Advisory Group

GRADUATE STUDENT SUPERVISION

1. PhD. -2023: University of North Dakota
Student Name: Rabie Fadil
Title: Evaluation of the interaction between cardiovascular, respiratory and postural control systems for blood pressure regulation during orthostatic hypotension
Main Supervisor: Dr. Kouhyar Tavakolian
Committee member: Dr. Rashid Ahmed
2. PhD. -2022: The University of New Brunswick
Student Name: Melissa Garrett
Title: Investigating Strength-Based Practices Within a Dual-Dimensional Model of Inclusionary Student Learning
External Examiner: Dr. Rashid Ahmed
3. PhD. -2022: Applied Economics Research Center: University of Karachi
Student Name: Ms. Hamna Nasir
Title: Allocation of Time Across Market and Non-Market Hours: Assessing Opportunity Cost of Time in Pakistan
External Examiner: Dr. Rashid Ahmed
4. PhD. - 2022: University of New Brunswick
Student Name: John Morrison
Title: Investigating the Application of Positive Psychology Concepts and Practices in Optimizing Workplace Environments
External Examiner: Dr. Rashid Ahmed
5. PhD. -2022: Applied Economics Research Center: University of Karachi
Student Name: Ms. Humera Sultana
Title: Female Entrepreneurship in Pakistan: Challenges and Consequences
External Examiner: Dr. Rashid Ahmed
6. PhD. - 2021: University of North Dakota
Student: Bradley Hoffmann
Title: Evaluation of Heart Rate Variability and Cardiovascular Regulation to In-Flight Workload and Thermal Stress
Committee Member: Dr. Rashid Ahmed
7. PhD. - 2020: University of North Dakota
Student: Jana Zwilling
Title: Utilization of Nurse Practitioners in States with Full Practice Authority: Does Geography Matter?

Supervisory Committee: Dr. Rashid Ahmed

8. PhD. -2019: Applied Economics Research Center: University of Karachi
Title: BASEL Accords and Its Impact on the Banking Sector of Pakistan
Student Name: Mr. Khurram Iftikhar : External Examiner: Dr. Rashid Ahmed
9. PhD. -2019: Applied Economics Research Center: University of Karachi
Student Name: Ms. Fouzia Sohail
Title: Consumer Price Behavior in Large Cities of Pakistan: Evidence from Micro data
External Examiner: Dr. Rashid Ahmed
10. PhD. -2018: University of Manitoba
Student Name: Han Jing; Main Supervisor: Dr. Julia Witt
Co-Supervisors: Drs. Evelyn Forget and Rashid Ahmed
11. Master of Science 2018: University of Manitoba
Student Name: Dr. Nasrin Ahosan Chowdhury
Main Supervisor: Dr. Rashid Ahmed
12. PhD. - 2016: University of Manitoba:
Student Name: Elaheh Torkashvand: Main Supervisor: Dr. Jafari
Committee Member: Dr. Rashid Ahmed
13. PhD. -2016: University of New Brunswick
Student Name: Alhanof Abduljabbar: Main Supervisor: Dr. William Morrison
Committee Member: Dr. Rashid Ahmed
14. Master of Science - 2015: University of Manitoba:
Student Name: Thomas Ferguson: Main Supervisor: Dr. Navdeep Tangri
Committee Member: Dr. Rashid Ahmed

EDITORIAL ACTIVITIES

- Serving as an Editor: International Journal of Environmental Research and Public Health (ISSN 1660-4601). Special Issue "Smoking Prevention and Tobacco Control
 - Serving as a reviewer for: Journal of School Health and Journal of Chronic Disease in Canada
 - Serving as a reviewer for: Public Health Journal
 - Serving as a reviewer for: Canadian Medical Association Journal
-

SELECTED PUBLICATIONS

Peer Reviewed Publications:

1. **Ahmed R**, Williamson M, Bahri S, Akhtar H: Regional and Racial Trends in USA Prostrate Cancer Screening: Health Behavior and Policy Review, Volume 9, Number 5, September 2022, pp. 1063-1073 (11)
2. Loizzo DD, Datta A, Dommaraju SR, Abdulbaseer U, Krishnan JA, Keehn M, **Ahmed R***. COVID-19 Vaccine Hesitancy among Health Professional Students: Cross-Sectional Data from the First Wave of the HOLISTIC Cohort Study. *Vaccines*. 2022; 10(9):1566. <https://doi.org/10.3390/vaccines10091566>
**Corresponding and lead author*
3. Signore, A., Jung, M., Semenchuk, B., Kullman, S., Tefft, O., Webber, S., Ferguson, L., Kowalski, K., Fortier, M., McGavock, J., **Ahmed, R.**, Orr M., & Strachan. S: A Pilot and Feasibility Study of a Self-Compassion Intervention Aimed to Increase Physical Activity Behaviour Among People with Prediabetes. *Signore et al. Pilot and Feasibility Studies (2022) 8:111*
4. Dommaraju SR, Rivera SG, Rocha EG, Bicknell S, Loizzo D, Mohammad A, Rajan P, Seballos A, Datta A, **Ahmed R**, Krishnan J, Keehn M. (2022) Health professional students at the University of Illinois Chicago (HOLISTIC) Cohort Study: A protocol. *PLOS ONE 17(8): e0269964. <https://doi.org/10.1371/journal.pone.0269964>*
5. Labuhn M, LaBore K, Ahmed T, **Ahmed R***: Trends and instigators among young adolescent suicide in the United States: *Public Health*, 2021, vol 199, pages 51-56, ISSN 0033-3506
**Corresponding and lead author*
6. LaBore K, Ahmed T, **Ahmed R***. Prevalence and Predictors of Violence Against Women in Pakistan. *Journal of Interpersonal Violence*. 2021;36(13-14):NP7246-NP7263. doi:10.1177/0886260518824652
**Corresponding and lead author*
7. **Ahmed R**, Williamson M, Samia N, Bahri S: Regional and Racial Trends in US Colorectal Cancer Screening: Health Behavior and Policy Review, Volume 8, Number 6, November 2021, pp. 534-545(12)
8. Zwilling J, Fiandt K, **Ahmed R**: Comparison of Rural and Urban Utilization of Nurse Practitioners in States With Full Practice Authority, *The Journal for Nurse Practitioners*, 2021, Vol 17-4

9. **Ahmed R**, Williamson M, Hamid MA, Ashraf N: United States County-level COVID-19 Death Rates and Case Fatality Rates Vary by Region and Urban Status. *Healthcare*. 2020; 8(3):330. <https://doi.org/10.3390/healthcare8030330>
10. Durrant, J.E., Stewart A, Ateah, C., Holden, G., **Ahmed R**, Jones A, Plateau D, Mori I. Addressing Punitive Violence against Children in Australia, Japan and the Philippines: *Journal of Pacific Rim Psychology*, 2020. 14. 10.1017/prp.2020.12.
11. **Ahmed R**, Gupta D P, Saeed S, Jayasundara D, Nedegaard R: A Theoretical Review of the Literature: Domestic Violence in Muslim Communities in the United States. *Journal of Social Work Education and Practice* 2019, 4(4) 01-16
12. Hanning, R.M.; Luan, H.; Orava, T.A.; Valaitis, R.F.; Jung, J.K.H.; **Ahmed, R**: Exploring Student Food Behaviour in Relation to Food Retail over the Time of Implementing Ontario's School Food and Beverage Policy. *Int. J. Environ. Res. Public Health* 2019, 16.
13. **Ahmed R**, Navaratnum S, Ahmed T: Cost analysis of metastatic non-small cell lung cancer (NSCLC) after completion of chemotherapy with the introduction of Erlotinib: *Int Public Health J*, 2019; 11(2): 197-210
14. Hoplock L, Lobchuk M, Dryburgh L, Shead N, **Ahmed R**: Canadian Hospital and Home Visiting Nurses' Attitude Toward Families in Transitional Care: A Descriptive Comparative Study: *Journal of Family Nursing*, July 2019: <https://doi.org/10.1177/1074840719863499>
15. **Ahmed R**, Naomi Armah, Tooba Ahmed, Kathryn LaBore. Pattern of use, age of initiation, effects, and correlates of illicit drug use in Canada: A secondary analysis of CADUMS: *Int. Public Health J*; 2019; 11(2): 139-154
16. **Ahmed R**, Diener A, Bahri S. Retailer Compliance as a Predictor of Youth Smoking Participant and Consumption: *Journal of School Health*; Feb 2019, Vol 89; Pages 115-123
17. Rourke, D, Lobchuk, M, **Ahmed, R**. Shared attributes of responsibility and emotion in Patients with lung cancer and family caregivers: *Oncology Nursing Forum*; Jan 2018, Vol. 45 No.1
18. Durrant, J.E., Plateau, D.P., Ateah, C., Holden, G., Barker, L., Stewart-Tufescu, A., Jones, A., Ly, G., **Ahmed, R**. Parents' views of the relevance of a violence prevention program in high, medium, and low human development contexts: *International Journal of Behavioral Development*; July 2017; Vol 41, Issue 4, pp. 523 - 531
19. Sylvester, B.D., **Ahmed, R.**, Amireault, S. et al. Changes in light-, moderate-, and vigorous-intensity physical activity and changes in depressive symptoms in breast

- cancer survivors: a prospective observational study: Support Care Cancer (2017). doi:10.1007/s00520-017-3745-1
20. Amany F. Elbehairy, Azmy Faisal, Jordan A. Guenette, Dennis Jensen, Katherine A. Webb, **Ahmed R.**, J. Alberto Nader, Denis E. O'Donnell: Resting Physiological Correlates of Reduced Exercise Capacity in Smokers with Mild Airway Obstruction: COPD. 2017; Jun;14(3):267-275; doi: 10.1080/15412555.2017.1281901
 21. Lix, L., Smith, M., Pitz, M., **Ahmed R.** Quon, H., Griffith, J., Koseva, I. (2016). Cancer Data Linkage in Manitoba: Expanding the Infrastructure for Research. Winnipeg, MB: Manitoba Centre for Health Policy
 22. Sing, Harminder; Bernstein, Charles; Samadder N. Jewel; **Ahmed R.** Screening rates for colorectal cancer in Canada: a cross-sectional study; CMAJ Open 2015 April-Jun; 3(2); E 149-E157
 23. Craig Harlos, Grace Musto, Pascal Lambert, **Ahmed R.**, and Marshall W. Pitz, "Androgen Pathway Manipulation and Survival in Patients with Lung Cancer," Hormones and Cancer, 2015
 24. Duncan A, **Ahmed R.** Cautious use of race in analyses to predict retention in substance abuse treatment: Drug and Alcohol Dependence 11/2015; 156:e61. DOI: 10.1016/j.drugalcdep.2015.07.1083
 25. Marshall W. Pitz, **Ahmed R.**, Mark Smith, Heather J Prior, Say Pham Hong, Ankona Banerjee, Ina Koseva, Christina Kulbaba, Lisa Lix: A comparison of comorbidity measures for predicting one-year mortality in cancer patients: J Clin Oncol 33, 2015 (suppl; abstract e17679)
 26. White Christine; Burkhalter R; Rynard Vicki; **Ahmed R.**; Hammond David. Stop-smoking medication use, subsidization policies and smoking cessation in Canada: American Journal of Preventive Medicine: 2015 Aug; 49(2): Pages 188-98
 27. Aly-Khan Lalani, Fradette K, **Ahmed R.**, Debjani Grenier, Marshall Pitz: Outcomes of women with small, early-stage breast cancer in Manitoba from 1995-2011: Cancer Research (Impact Factor: 9.33). 05/2015; 75(9 Supplement):P3-07-13-P3-07-13. DOI: 10.1158/1538-7445.SABCS14-P3-07-13
 28. Minaker LM, **Ahmed R.**, Hammond D, Manske S. Flavored tobacco use among Canadian students in grades 9 through 12: Prevalence and patterns from the 2010-2011 Youth Smoking Survey (link). (PDF) Preventing Chronic Disease 2014 Jun 19;11:140094
 29. Barisic A, Leatherdale S, Burkhalter R, **Ahmed R.** Are Canadian youth still exposed to second-hand smoke in homes and in cars? Chronic Disease and Injury in Canada. 2014 July, Volume 34, Number 2-3

30. Duncan, A., VanDevanter, N., **Ahmed, R.**, Burrell-Piggott, T., Furr-Holden, C.D. The role of substance use in adherence to HIV medication and medical appointments. *Journal of the Association of Nurses in AIDS Care*. Volume 25, Issue 3, Pages 262–268, May–June, 2014
31. Duncan, A., Melnick, G., **Ahmed, R.**, & Furr-Holden, C.D. Post-Treatment Drug Use Abstinence: Does The Majority Program Clientele Matter? *Journal of Ethnicity in Substance Abuse*. 2014 ;13(3):185-208
32. Husted J., **Ahmed R.**, Chow E W., Brzustowicz L., Bassett A.: Early environmental exposures influence schizophrenia expression even in the presence of strong genetic predisposition: *Schizophrenia Research*: 2012, May; 137 (1-3): 166-168
33. Mary Jean E. Costello, Scott T. Leatherdale, **Ahmed R**, Dana L. Church, and John A. Cunningham: Co-morbid substance use behaviors among youth: any impact of school the environment? *Global Health Promotion*: 2012, 19: 50-59
34. Lane N, Leatherdale ST, **Ahmed R**. Use of nicotine replacement therapy (NRT) among Canadian youth: data from the 2006-2007 National Youth Smoking Survey. *Nicotine & Tobacco Research*. 2011; Oct; 13 (10): 1009-14
35. Ryan David Kennedy, Scott T Leatherdale, Robin Burkhalter, **Ahmed R**. Prevalence of smokeless tobacco use among Canadian youth between 2004 and 2008: findings from the Youth Smoking Survey. *Can J Public Health* 2011;102(5):358-63
36. Chan WC, Leatherdale ST†, Burkhalter R, **Ahmed, R**. Bidi and hookah use among Canadian youth: an examination of data from the 2006 Canadian Youth Smoking Survey. *Journal of Adolescent Health*. 2011; 49:102-104.
37. Leatherdale ST, **Ahmed R**. Screen-based sedentary behaviours among a nationally representative sample of youth: are Canadian kids couch potatoes?: *Chronic Diseases and Injuries in Canada*: 2011, September; 31(4): 141-146
38. Pathammavong R, Leatherdale ST, **Ahmed R**, Griffith J, Nowatzki J, Manske S.: Examining the link between education related outcomes and student health risk behaviours among Canadian youth: Data from the 2006 National Youth Smoking Survey: *Canadian Journal of Education Research*: 2011, 34(1):215-247
39. Leatherdale ST, **Ahmed R**, Vu M.: Factors associated with different cigarette access behaviours among underage smoking youth who usually smoke contraband (native) cigarettes: *Canadian Journal of Public Health*: 2011, 102: 103-107
40. Hammond D, **Ahmed R**, Brukhalter R, Sae Yang W, Leatherdale ST.: Illicit drug use among Canadian youth: trends between 2002 and 2008: *Canadian Journal of Public Health*: 2011, 102: 7-12

41. **Ahmed R**, Leatherdale ST, Manske SR, Reid J, Burkhalter, R.: Effectiveness of school based recruitment procedures and modular data collections: *Journal of Youth Development*: 2010, 5(1): 68-80
42. Husted J, **Ahmed R**, Chow E W, Brzustowicz L, Bassett A.: Childhood Trauma and Genetic Factors in Familial Schizophrenia Associated with the NOS1AP Gene: *Schizophrenia Research*: 2010, Aug; 121 (1-3): 187-92
43. Garcia, E, Sabiston, C. M, **Ahmed R**, Faroush, M: Exploring links to unorganized and organized physical activity during adolescence: the role of gender, socioeconomic status, weight status, and enjoyment of physical education: *Research Quarterly for Exercise and Sport*: 2010, March; 81 (1): 7-16
44. Leatherdale ST, **Ahmed R**. Alcohol, marijuana, and tobacco use among Canadian youth: do we need more multi-substance prevention programming?: *Journal of Primary Prevention*: 2010, 31(3): 99-108
45. Sabiston C M, Lovato C Y, **Ahmed R**, Pullman A W, Hadd V, Campbell S, Nykiforuk C, Brown K S, School Smoking Policy Characteristics and Individual Perceptions of the School Tobacco Context: Are They Linked to Students Smoking Status?: *Journal of Youth and Adolescence*: 2009, November; 38: 1374-1387
46. Leatherdale ST, **Ahmed R**, Barisic A, Murnaghan D, Manske S. Cigarette brand preference as a function of price among smoking youth in Canada: are they smoking premium, discount or native brands? *Tobacco Control*. 2009;18:466-473.
47. Leatherdale ST, **Ahmed R**. Second-hand smoke exposure in homes and in cars among Canadian youth: current prevalence, beliefs about exposure, and changes between 2004 and 2006. *Cancer Causes & Control*. 2009; 20:855-865.
48. **Ahmed R**, Ur Rashid R, McDonald PW, Ahmed S. W.: Prevalence of cigarette smoking among young adults in Pakistan: *Journal of the Pakistan Medical Association*: 2008, November; 58(11): 597-601
49. Leatherdale ST, Hammond D, **Ahmed R**.: Alcohol, marijuana, and tobacco use patterns among youth: *Cancer Causes & Control*: 2008, 19: 361-369
50. Leatherdale ST, Hammond D, Kaiserman M, **Ahmed R**: Marijuana and tobacco use among young adults in Canada: are they smoking what we think they are smoking?: *Cancer Causes & Control*: 2007, 18(4): 391-397
51. Laurel A. Townsend, Ross M.G. Norman, Ashok K. Malla, Anita D. Rychlo, **Ahmed R**, Changes in cognitive function following comprehensive treatment for first episode patients with schizophrenia spectrum disorders: *Psychiatry Research*: 2002, December; 113 (1-2): 69-81

52. Malla A.K, and et al. & **Ahmed R**: Negative Symptoms in first episode non-affective psychosis: ACTA Psychiatrica Scandinavica: 2002, June; 105(6): 431-439
53. Malla A.K and et al. & **Ahmed R**: One year outcome in first episode psychosis: influence of DUP and other predictors: Schizophrenia Research: 2002, April; 54(3): 231-242
54. Piotr Slomka and et al. & **Ahmed R**: Extensive Clinical validation of “Perfit”, 3-D software for automated quantization of myocardial perfusion: Comparison with expert readers and a polar-plot paradigm, Meeting Abstract: Journal of Nuclear Medicine, May 2002, 43(5): 181 Suppl. S
55. Posse, S, Moore, G. J, Roll, J, Nolan, C, **Ahmed R**, Schuster, C. R., Tiffany, S., Johanson, C. E., Functional MR imaging of tobacco craving: Neuro-Image: 2001, June; 13(6): S1087-S1087 Part 2 Suppl. S
56. Malla A.K and et al. & **Ahmed R**.: Does pre-morbid adjustment or DUP influence subjective quality of life in first-episode psychosis?: Meeting Abstract: Schizophrenia Research: 2002, January; 53(3): 241-241 Sp. Issue

Technical and Annual Reports:

1. Reid JL, Hammond D, Burkhalter R, **Ahmed R**. Tobacco Use in Canada: Patterns and Trends, 2012 Edition. Waterloo, ON: Propel Centre for Population Health Impact, University of Waterloo
http://www.tobaccoreport.ca/2012/TobaccoUseinCanada_2012.pdf
2. **Ahmed R**, Snider J. 2004, 2006, 2008, 2010-11 Youth Smoking Survey, User Guide: Funded by Health Canada and University of Waterloo, Canada
3. **Ahmed R**. Kolmogorov-Smirnov goodness of fit test based on residuals of ARCH (1) and ACRH-M(1) model and the statistical properties of ARCH parameters, Master Thesis: Department of Statistics, University of Western Ontario, April 2001
4. **Ahmed R**. Social-Psychological Influences on Student Achievement and Implications for Educational Policy, Master Thesis: Department of Education, University of Western Ontario, Sept 1999
5. **Ahmed R**. Wage difference among immigrant population, Department of Economics, technical report, University of Western Ontario, Dec 1998
6. **Ahmed R**. Rate of Return on Education, Department of Education, technical report, University of Western Ontario, August 1998

7. Brown S. K, Diener A, **Ahmed R**, & Hammond D. Survey Methods (Chapter 2). 2002 Youth Smoking Survey Technical Report, Ottawa: Minister of Supply and Services Canada, 2005 (Catalogue No. XX-2005E). <http://www.gosmokefree.ca>.
8. Paul Mc Donald and et., **Ahmed R**: Report for Canadian Government: National Action Plan to Help Canadian Tobacco Users, 2005
9. 2002 Youth Smoking Survey Technical Report, Ottawa: Minister of Supply and Services Canada, 2005 (Catalogue No. XX-2005E). <http://www.gosmokefree.ca>. Health Canada and Joint University Consortium.
10. Integrated Social Policy and Macro Economic Planning Model for Pakistan, with Social Policy and Development Centre(SPDC) team , Karachi, Pakistan, 1996
11. Review of the Social Action Program 1997, with SPDC team, 1996-97

RESEARCH GRANTS

1. **Title:** Two Community Sexual Assault & Tribal Blueprint of Safety
Funding Source: US Dept. of Justice; Office of Violence Against Women (2015-WR-AX-0021); Principal Applicant: **Rashid Ahmed**
Co-Applicant: Jayasundara, D. (Co-Principal) & Nedegaard, R. (Co-Principal).
Amount: US 550,000 (2015-2020): **Completed**
2. **Title:** Dakota Cancer Collaborative on Translational Activity (DaCCoTA)
Funding Source: NIGMS of the NIH Award Number U54GM128729
Principal Investigator: Marc D. Basson, MD, PhD
Core Lead: Biostatistics, Epidemiology, and Research Design: **Rashid Ahmed**
Direct cost: \$15,718,200; Support Period: 9/1/2018 – 8/31/2023 **(09/2020: Quit UND and no more part of this grant)**
3. **Title:** Pathogenic role of IL-17 receptor signaling the pathogenesis of Streptococcus pneumoniae during an influenza virus co-infection: Funding Source: NIH R01(1R01AI143741-01A1): Funding amount: \$1.25 millions
Principal Applicant: Dr. Nadeem Khan: Co-investigator: **Rashid Ahmed**
Supported Period: 12/03/2019 – 11/30/2024
4. **Title:** Maximizing Access to Research Careers (MARC) Research Program: A Multidisciplinary MACR U-STAR program (2017-2021)
Fundign Source: NIH
Funding Amount: \$1,183,947
Principal Applicant: Dr. Glenda Lindseth
Co-Applicant: **Rashid Ahmed**
(09/2020: Quit UND and no more part of this grant)

5. **Title:** Examining the impact of a self-compassion intervention on physical activity behaviour among people with prediabetes: A pilot and feasibility study (2019-2022)
Funding Source: Canadian Institutes for Health Research – Project grant
Principal Applicant: S. Strachan & M. Jung
Co- Investigator: **Ahmed, R.**, L. Ferguson, M. Fortier, K. Kowalski, J McGavock, & S. Webber
Funding Amount: \$145, 000
6. **Title:** Clinical Outcomes and Costs of Treatment of Non-small Cell Lung Cancer in Manitoba with Erlotinib (2015-2018)
Funding Source: CancerCare Manitoba Foundation
Principal Applicant: **Rashid Ahmed**
Amount: \$40,000
Status: Completed
7. **Title:** Time Trends in Prevalence of Lifestyle Risk Factors for Cardiac and Other Chronic Diseases Among Manitoba Youth, 2008-2012 and the Association with changes in School Programs and Policies (2015-2018)
Funding Source: Heart and Stroke Foundation Manitoba
Principal Applicant: **Rashid Ahmed**
Co-investigators: Drs. Jane Griffith and Harminder Sing, Kate McGarry, Tannis Erickson, and Elizabeth Harland
Amount: \$ 80,000
Status: Completed
8. **Title:** Investigating Gender Differences in Lung Cancer Survival in Manitoba (2015-2018)
Principal Applicant: **Rashid Ahmed**
Co-investigators: Drs. Jane Griffith, David Dawe, and Marshal Pitz
Funding Source: CancerCare Manitoba Foundation
Amount: \$33,000
Status: Completed
9. **Title:** Promoting the Mental Health of Youth through the Implementation of Dialectical Behavioral Therapy (DBT) in Schools
Funding Source: Canadian Institutes of Health Research (CIHR)
Principal Applicant: Woodgate Roberta
Co-Investigator: **Rashid Ahmed**; Status: Completed
10. **Title:** Physical activity among breast cancer survivors: Understanding the impact on biological risk factors and psychological health over time
Funding Source: Canadian Institutes of Health Research
Principal Applicant: Sabiston, C. M.: Collaborator: **Rashid Ahmed**

Amount: \$432, 333; Status: Completed

11. **Title:** Implementing the 2010-2016 Youth Smoking Survey

Funding Source: Health Canada

Principal Applicant: Manske, Steve: Co-Investigator: **Rashid Ahmed**

Amount: \$1.8 million: Status: Completed

12. **Title:** Improving Access and Quality of Mental Health Services for Youth

Funding Source: Manitoba Health Research Council (MHRC)

Co-Investigator: **Rashid Ahmed**

Amount: \$400,000 per year for two years: Status: Completed

CURRENT MEMBERSHIPS

Canadian Public Health Association (CPHA)

Statistical Society of Canada (SSC)

The North American Association of Central Cancer Registries (NAACCR)

HONORS AND AWARDS

1999-2000	International Graduate Student Scholarship (University of Western Ontario)
1998-1999	Foreign Student Scholarship (Canadian International Development Agency)
1990-1993	Outstanding Sports Person Scholarship (University of Karachi)

PROFESSIONAL CERTIFICATION

- University Teaching Certificate, University of Western Ontario, 2000
- SAS certification course
 - Predictive Modeling Using Logistic Regression
 - Mixed Models Analyses Using the SAS System
 - Cluster Analysis Using SAS System
 - Longitudinal Analysis Using the SAS System

CONFERENCE, WORKSHOP, AND MEETING ORGANIZATION

1. **Ahmed R:** Keynote Speaker: Alexandria University, Egypt “Cross-study Hierarchical modeling of Stratified clinical trial data”: May 12- 15, 2023.
2. **Ahmed R:** Keynote Speaker: King Fahad Medical City, Riyadh, Saudi Arabia “ Research Methodology and Design in Hospital Setting”
3. **Ahmed R:** Cost analysis of metastatic non-small cell lung cancer (NSCLC) after completion of chemotherapy with the introduction of Erlotinib: 6th International Conference on Bio-Statistics and Bio-informatics; Nov 13-14 at Atlanta; 2017

4. **Ahmed R:** Application of Big Data in Nursing Research: October 2017; University of North Dakota
5. **Ahmed R:** Application of Statistics in Bio-Medical Research: March 2017; North Dakota State University
6. **Ahmed R:** Methods for Missing Data in Discrete Hierarchical Models: 2014; Department of Community Health Sciences Colloquium series
7. **Ahmed R:** Regional Variation and Link Between Youth Smoking and Adult Lung Cancer: 2014 Annual Conference Oral Presentation
8. **Ahmed R:** Obesity and Physical Activity of Manitoba Youth and Association with Adult Cancers: 2014 Annual Conference Oral Presentation
9. **Ahmed R, Grey M, Campbell S:** Who uses the smoker's helpline: Effectiveness and efficiency of smoker's helpline: 7th National Conference on Tobacco or Health: 2011; November
10. **RM Hanning, H Luan, RF Valaitis, TA Orava, and Ahmed R:** Evaluation of Ontario's School Food and Beverage Policy: Are Competitive Foods and Issue? Dietitians of Canada Conference in June; 2014
11. **Vu M, Leatherdale ST, Ahmed R:** Correlates of cigarette access behaviours among Canadian youth smokers: findings from the 2006-2007 Canadian Youth Smoking Survey: 17th Annual Meeting of the Society for Research on Nicotine and Tobacco. Toronto, ON. 2011; February
12. **Kennedy R, Leatherdale ST, Ahmed R, Burkhalter R:** Smokeless tobacco use and youth: findings of the Youth Smoking Survey 2004-2009: 17th Annual Meeting of the Society for Research on Nicotine and Tobacco. Toronto, ON: 2011; February
13. **Costello MJ, Leatherdale ST, Ahmed R, Church DL, Cunningham J:** Co-morbid substance use behaviours among youth: Any impact of school environment?: 17th Annual Meeting of the Society for Research on Nicotine and Tobacco. Toronto, ON: 2011; February
14. **Lane N, Leatherdale ST, Ahmed R:** Use of nicotine replacement therapy (NRT) among Canadian youth: data from the 2006-2007 National Youth Smoking Survey: 17th Annual Meeting of the Society for Research on Nicotine and Tobacco. Toronto, ON: 2011; February
15. **Elton-Marshall T, Leatherdale ST, Ahmed R, Burkhalter R:** Tobacco use, exposure, access and other related risk behaviours among secondary school students in Canada: results of the 2008-2009 National Youth Smoking Survey:

17th Annual Meeting of the Society for Research on Nicotine and Tobacco.
Toronto, ON: 2011; February

16. **Ahmed R**, K Stephan Brown: Use of Markov Transition Model to Analyze Longitudinal Data on Youth Smoking: Annual Conference of SSC: St. John's, Newfoundland: 2007; June
17. McDonald PW, Smith P, Koehn C, Filsinger S, **Ahmed R**, Begley L, McCaig C, Smith D: The utility and cost effectiveness of a simple tool for matching smokers to tobacco cessation treatment: 13th Annual Meeting of the Society for Research on Nicotine and Tobacco, Austin, TX: 2007 February
18. McDonald PW, Shaffer L, Begley L, Filsinger S, Smith P, **Ahmed R**, Grey M: Does triage improve cessation outcomes relative to self selection of treatment? Results of a randomized trial: 13th World Conference on Tobacco or Health, Washington DC: 2006; July
19. **Ahmed R**, Steve Brown & Paul McDonald: Use of Markov transition model to analyze longitudinal smoking (WSSP3) data: Statistical Society of Canada: 2005; June
20. McDonald P, Filsinger S, Pieters K, **Ahmed R**, McCarville R and Brown, K. Stephen: Comparison of Three Approaches to the Construction of Messages to Promote Smokers' Helplines: Chronic Diseases in Canada: 2005
21. Sabiston, C. M., Lovato, C. Y., **Ahmed R.**, Hadd, V: School smoking policies and the visibility of smoking at school: Are they linked to student smoking status?: The World Conference on Health Promotion & Health Education conference proceedings. Vancouver, BC: 2007; June
22. **Ahmed R**, McDonald P, Madill C, Peters K, Filsinger S: Do Adolescents' Responses to Paper Surveys About Tobacco Consumption Mean What We Think They Do?: Canadian Public Health Association: 2006; May
23. Garcia, E., Sabiston, C. M., **Ahmed R**, & Farnoush M: Exploring links to unorganized and organized physical activity during adolescence: the role of gender, socioeconomic status, weight status, and enjoyment of physical education: The International Conference on Physical Activity and Obesity in Children conference proceedings, Toronto, ON: 2007; June
24. **Ahmed R**, Scott Leatherdale, Alan Diener: Association between physical activities, self esteem, and smoking among Canadian youth, Chronic Disease Prevention Alliance of Canada: Second National Conference, Ottawa ON: 2006; November

25. **Ahmed R**, Alan Diener, Mark Latendresse, Jillian Flight, Steve Manske, Katy Wong: 2004-2005 Youth Smoking Survey: Changes since 2002 in Tobacco, Alcohol, and Marijuana Use, Chronic Disease Prevention Alliance of Canada: Second National Conference, Ottawa ON: 2006; November
26. Manske SR, **Ahmed R**, Stockton L, & Diener A: 2004-05 Youth Smoking Survey: Surveillance to Meet Local, Provincial and National Needs. Tobacco Reduction Together: Linking Research, Policy and Practice, Edmonton, Alberta: 2006; May
27. **Ahmed R**: Workshop on “Current Issues in the Analysis of Incomplete Longitudinal Data”: Fields Institute, Toronto, University of Toronto: 2005
28. Diener A, Latandresse M, **Ahmed R**, Lovato C: Examining the Factors that Influence Youth Smoking: Health Canada Science Forum: 2005
29. McDonald PW, Smith P, Koehn C, Filsinger S, **Ahmed R**, Begley L, McCaig C, Smith D: The utility and cost effectiveness of a simple tool for matching smokers to tobacco cessation treatment: 13th Annual Meeting of the Society for Research on Nicotine and Tobacco, Austin, TX: 2007; February
30. **Ahmed R**, McDonald PW and Brown KS: Social influence on adolescent smoking: Annual meeting of the Canadian Public Health Association, St. John’s NF: 2004 June
31. McDonald P, Filsinger S, Pieters K, **Ahmed R**, Brown KS: Promoting smoking cessation programs: A comparison of fear, efficacy and information oriented advertising: Chronic Disease Prevention Alliance of Canada, First National Conference, Ottawa ON: 2004; November
32. Filsinger S, McDonald P, Pieters K, **Ahmed R**, Brown KS: A comparison of two print campaigns to promote the Ontario Smokers’ Helpline: Ontario Tobacco Control Conference, Toronto, ON: 2004 May
33. McDonald P, Filsinger S, Pieters K, **Ahmed R**, Brown KS, McCarville R: The help-seeking behaviour of smokers in response to two ads to promote a telephone counseling service: Chronic Disease Prevention Alliance of Canada, First National Conference, Ottawa ON: 2004; November
34. McDonald P, McKnight T, Brown KS, Lindo J, **Ahmed R**, Cameron R.: A proposed assessment tool to triage smokers into different types of cessation treatment: Chronic Disease Prevention Alliance of Canada, First National Conference, Ottawa ON: 2004; November
35. McDonald P, Filsinger S., Pieters K, **Ahmed R**: The effect of positive and negative message frames and gender on messages to promote smoking cessation treatment: Chronic Disease Prevention Alliance of Canada, First National Conference: Ottawa ON: 2004; November

36. McDonald P; Jessup L; Brown K.S, **Ahmed R** and Filsinger S: Are cessation interventions based on stage of change really more effective?: Annual Meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA: 2003; February
37. McDonald P, Filsinger S., Pieters K, **Ahmed R**: Are Interventions Tailored to Stage of Change Really More Effective?: The Third National Conference on Tobacco or Health Science and Policy in Action, Ottawa: 2002; December

OTHER ACTIVITIES

Sports Activity:

- Winner, Men's Single B Kitchener Badminton Tournament 2003, Kitchener, Ontario, Canada
- Runner-up in Men's Single London closed Badminton Tournament 1998, London, Ontario, Canada
- Winner of Mix Doubles in London closed Badminton Tournament 1998, London, Ontario, Canada
- Selected for the Western Ontario University Badminton Team
- Winner of the Inter Collegiate Badminton Championship
- Member of the Karachi Division Badminton Team
- Member of the Karachi University Badminton Team
- Runner-up in Inter-University Badminton Championship
- Member of the Ontario Badminton Association
- Member of the USA Badminton Association