

Curriculum Vitae

April 2019

**Neil J. MacKinnon, B.Sc.(Pharm.), M.S.(Pharm.), Ph.D., FCSHP, FNAP
Dean and Professor, James L Winkle College of Pharmacy
Chair, Council of Deans, University of Cincinnati**

Senior university & academic health leader, health services researcher, health policymaker and health educator. Expertise/interest in under-served patient populations, patient safety, international health policy, improving the safety and effectiveness of the medication-use system, and the optimal balance of access to care, costs of care, and quality of care.

HIGHLIGHTS OF CURRICULUM VITAE

Vision and Leadership

1. Provide vision and leadership as Dean of the James L Winkle College of Pharmacy at the University of Cincinnati (UC). The 4th oldest pharmacy school in the US, the college is a key part of UC's Academic Health Center, along with three other colleges and affiliated hospitals. Reappointed to a second 5-year term in June 2017.
2. Provided vision and leadership as Director of the Center for Rural Health at the University of Arizona (2011-2013). The Arizona State Office of Rural Health is housed in this center. The center works to improve access to high quality, cost-effective healthcare to the 900,000 residents of rural Arizona.
3. Strong track record of vision and leadership over the past twenty years in the US, Canada, and beyond related to the safety and quality of healthcare.
4. Leads a college that has set all-time records for percentage of faculty and students that are under-represented minorities, student enrollment, the number of donors, and five straight years of budget surpluses (with a projected budget surplus in year six).

Innovation and Achievement

1. Editor of books on seamless care (*Seamless Care*) and the safety and quality of the medication-use system (*Safe and Effective*)
2. Co-founded IMPART at Dalhousie University, which addresses pharmaceutical and health policy in conjunction with the Nova Scotia Department of Health and Wellness.
3. Co-authored a national bestselling book on safely navigating the healthcare system with a primary care physician. *Take As Directed* ranked as high as the #1 healthcare book in Canada and the #1 Nova Scotian book.
4. Director of the Center for Rural Health at the University of Arizona, which was named the Outstanding Rural Health Organization for 2013 by the National Rural Health Association.
5. Oversaw a \$34 million building renovation and the largest one-time hire of new faculty positions in the 169-year history of the James L Winkle College of Pharmacy.

6. The 2017 recipient of the American Society of Health-System Pharmacists/Association of Black Health-System Pharmacists Leadership Award, which “recognizes individuals who have demonstrated exceptional leadership in efforts to reduce racial and ethnic disparities in healthcare.”

7. Inducted into the National Academies of Practice (NAP) in Pharmacy in 2018.

8. The James L Winkle College of Pharmacy received a 2018 Higher Education Excellence in Diversity (HEED) Award (the only pharmacy school in the US to receive this award).

Impact

1. On healthcare practice (example: contributed to the widespread adoption of seamless care, transitions of care and medication reconciliation practices)

2. On healthcare policy (examples: director of center which worked closely with rural healthcare policy makers in Arizona and helped train the next generation of health policy makers and analysts)

3. On government (example: regularly partnered with other state agencies involved in healthcare delivery in Arizona on issues such as physician recruitment and retention)

4. On research (example: publications and presentations have received multiple awards)

5. On education (examples: recipient of two teaching awards and oversaw the launch of an online certificate and MS program with emphasis in pharmacy leadership)

Research Program and Research Leadership

1. Maintain an active research program as dean, including PI of a grant from the Ohio Department of Health.

2. Over course of research career, P.I./co-P.I./Center Director on 44 grants and a co-investigator/collaborator on 25 grants.

3. Research outputs include 180+ journal articles/reports/book chapters, 140+ scientific posters and 280+ presentations at scientific/healthcare meetings.

4. As dean, oversaw design of, and relocation to, newly renovated research facilities for faculty, graduate students and staff in the pharmaceutical sciences.

5. As dean, worked with the deans of medicine, nursing and allied health sciences to develop a proposal for a faculty research cluster in cancer (the proposal was funded in 2015).

6. Held endowed research chairs at the Dalhousie University College of Pharmacy and at the Mel and Enid Zuckerman College of Public Health at the University of Arizona.

7. Entire career (training and faculty positions) has been at research-intensive public universities with an academic health center.

Community Involvement and Contributions

1. Service with multiple healthcare organizations, including former member of the Cobequid Community Health Board in Nova Scotia and the board of the Arizona Rural Health Association.

2. Presidential Officer of the Canadian Society of Hospital Pharmacists (2009-2012)

3. Past President of regional church denomination association.

4. Vice-Chair of the Clan MacKinnon Society

PERSONAL INFORMATION

EDUCATION

- 1995-1999 University of Florida, Gainesville, FL, USA
Doctor of Philosophy in Pharmacy Health Care Administration, conferred May, 1999
- 1993-1995 University of Wisconsin, Madison, WI, USA
Master of Science in Hospital Pharmacy, conferred May, 1995
- 1989-1993 Dalhousie University, Halifax, Nova Scotia, Canada
Bachelor of Science in Pharmacy, conferred May, 1993
- Summer 1989 Université de Moncton, New Brunswick, Canada
Completed French Immersion Program

ADVANCED TRAINING (RESIDENCY/FELLOWSHIPS/INSTITUTES)

- 2014 Institute for Management and Leadership in Education, Harvard Graduate School of Education, Boston, MA
- 2007-2008 Harkness Associate (Fellowship) in International Health Policy & Practice, the Commonwealth Fund and the Canadian Health Services Research Foundation
Mentor: Stephen B. Soumerai, Sc.D., Harvard Medical School and Harvard Pilgrim Health Care, Boston, MA
- 1995-1998 Pre-Doctoral Research Fellow, DuBow Family Center for Research in Pharmaceutical Care
Center Director: Charles D. Hepler, Ph.D., Distinguished Professor
- 1993-1995 University of Wisconsin Hospital and Clinics, Madison, WI
ASHP Accredited Specialized Residency in Hospital Pharmacy Administration
Residency Program Director: Thomas Thielke, M.S., FASHP

PROFESSIONAL EXPERIENCE

2018-date Chair, Council of Deans, University of Cincinnati

In this role, I chair a monthly meeting of the 14 college deans and other deans, represent the deans to the Provost, serve on the President's Cabinet and on the Board of the UC Foundation.

2017-date Adjunct Professor (Courtesy Appointment), School of Nursing, Faculty of Health Sciences, Queens University, Kingston, ON, Canada

2013-date Dean and Professor, James L Winkle College of Pharmacy, University of Cincinnati

As leader of the faculty and chief administrative officer for the college, I provide strategic vision and operational leadership for faculty and staff organized into two divisions: pharmacy practice and administrative sciences and pharmaceutical sciences. I lead an academic program that includes a pharmacy (Pharm.D.) program, a M.S./Ph.D. graduate program in pharmaceutical sciences, and M.S. programs in drug development, cosmetic sciences, health outcomes and pharmacy leadership, and BS/MS dual degree co-op program in cosmetic science. I assure that the school's programs are aligned with the university's mission and responsive to the needs of the marketplace. I advance scholarship, education and civic engagement, promoting initiatives within and outside of the University of Cincinnati. I serve as the college's public voice, articulating its contributions to local, state, national and global communities, and pursue a development program to build the college's resources. I work to advance excellence through building diversity in educational programs and in strategic faculty and student recruitment, including linking the work of the school's faculty and students to other disciplines, communities and interests within and outside of the academy. I report to the university's Executive Vice President for Academic Affairs and Provost, collaborating closely with other senior leaders across the university, especially those in the academic health center.

At the university level, I have participated and/or provided leadership in a number of areas, including (1) co-chair of the UC/UC Health Opioid Task Force, (2) member, University of Cincinnati Foundation Board of Directors, (3) member, UC Strategic Budget Working Group, (4) member, University of Cincinnati Enterprise Risk Management Risk Council, (5) member, Student Enrollment Management Policy Council, and (6) co-chair of the 2015-16 Faculty and Staff Campaign.

- 2012-2013 Professor (Courtesy Appointment), School of Government and Public Policy, College of Social & Behavioral Sciences, the University of Arizona
- 2011-2012 Section Chair, Public Health Policy & Management, Mel and Enid Zuckerman College of Public Health, the University of Arizona
- Served as a Section (Department) Chair at the Mel and Enid Zuckerman College of Public Health. This section included approximately a dozen faculty, 45 MPH students and 12 Doctoral students. Responsibilities included deciding faculty teaching assignments, chairing section meetings, representing at the section at the Education Committee, coordination of student admission decisions and chairing search committees for new faculty members.
- 2011-2013 Professor (Courtesy Appointment), College of Pharmacy, the University of Arizona
- 2011-2013 Professor, Community Policy and Environment Division; the Walter H Pearce Endowed Chair, Mel and Enid Zuckerman College of Public Health, the University of Arizona
- Professorial responsibilities included teaching, research and service.
- 2011-2013 Director, Center for Rural Health, Mel and Enid Zuckerman College of Public Health, the University of Arizona
- Director of the Center for Rural Health, which houses the State Office of Rural Health for Arizona and several state/federal programs, including the Rural Hospital Flexibility Program and the Small Rural Hospital Improvement Program. It serves rural Arizona by: (1) providing education, technical assistance, data and analysis to rural partners, hospitals, and providers to help them adapt to the rapidly changing rural health environment and address unmet rural health needs; (2) training, recruiting and retaining health professionals for rural practice; and (3) collecting, synthesizing and disseminating data to inform providers, policymakers and consumers about legislation, regulation, programs and grant opportunities to improve rural health access and outcomes.
- 2011-date Adjunct Professor, College of Pharmacy and the School of Health Administration (Faculty of Health Professions) and the Department of Community Health & Epidemiology (Faculty of Medicine), Dalhousie University
- 2010 Sabbatical (primary activity – President, Canadian Society of Hospital Pharmacists, and activities associated with the launch/release of *Take as Directed*)

- 2009-2011 Full Professor, College of Pharmacy and Cross-Appointment with the School of Health Administration (Faculty of Health Professions) and Department of Community Health & Epidemiology (Faculty of Medicine) (Effective July 1, 2009)
- Professorial responsibilities included research, teaching and service.
- 2006 Sabbatical (primary activity – editing a book on the safety and quality of the medication use system)
- 2005-2011 Associate Director of Research, Dalhousie University College of Pharmacy
- Provided leadership for research activities and the graduate program. Responsibilities included development of a new graduate program in the pharmaceutical sciences, chair of graduate student admissions, faculty research mentoring, monitoring of research activities and targets in the College's strategic plan, organized the College's annual research day, and represented the College on the Faculty of Health Professions Research Committee.
- 2004-2009 Associate Professor, College of Pharmacy and Cross-Appointment with the School of Health Administration (Faculty of Health Professions) and Department of Community Health & Epidemiology (Faculty of Medicine) (Effective July 1, 2004)
- 2004 Granted Tenure (effective July 1, 2004)
- 2001-2011 President, HealthKey Solutions Canada (Consulting), Fall River, Nova Scotia, Canada
- Consulting services for government health agencies, private payers, health professional organizations and the pharmaceutical industry, including evaluation and implementation of programs and services, participation on advisory boards, market access insights, and drug formulary decision making.
- 2001-2004 Assistant Professor (Cross-Appointment), School of Health Services Administration. Faculty of Health Professions, Dalhousie University
- 2000-2004 Assistant Professor (Cross-Appointment), Department of Community Health and Epidemiology, Faculty of Medicine, Dalhousie University
- 1999-2004 Assistant Professor and Merck Frosst Chair of Patient Health Management, Dalhousie University College of Pharmacy (Start date: Jan 1, 1999).

1997-1998 Consultant Pharmacist and Trainer, Simkin, Inc., Gainesville, Florida

1995 Summer relief pharmacist, South Shore Medical Pharmacy, Bridgewater, Nova Scotia, Canada.

RESEARCH EXPERIENCE

Research: Proposals in Progress

Inclusive Excellence in the Health Sciences. Proposal for the Howard Hughes Medical Institute. \$1,000,000 to be requested. (co-P.I.)

Research: Grants Submitted for Funding and Currently Undergoing Review

2019 Promoting Diversity in Pharmacy Leadership. Submitted to the CVS Foundation. \$150,000 requested. (P.I.)

2019 Optimal Prescribing in Pain Management. Submitted to the Cardinal Health Foundation. \$120,000 requested. (co-I.)

Research: In-Kind Funding

2018 Survey of Continuous Quality Improvement Practices for Community Pharmacy in Canada (P.I.)

2016-2017 Academic Fellowships in Colleges/Schools of Pharmacy in the US (A. Tolle, P.I.)

2015-2016 Risk Factors for Suboptimal Coordination of Care in 11 Nations (co-P.I. with J. Penm)

2012-2013 Evaluation of Regulations for Continuous Quality Improvement in Community Pharmacies in Arizona (co-P.I. with T. Warholak)

2011 Factors Influencing Physician Adoption of Electronic Health Records in Eleven Countries (co-investigator) (M. Cortel, P.I.)

2010 Self-Reported Risk Factors for Medication Errors in Eight Countries (co-investigator) (K. Sears, P.I.)

2010 Self-Reported Medical, Medication and Lab Errors in Eight Countries: Risk Factors for Chronically Ill Adults (co-investigator) (A. Scobie, P.I.)

2010 Physician and Patient Perspectives on Access to Care: Implications for Decision Makers (co-investigator) (C. Jones, P.I.)

2009 Physician Knowledge of Drug Costs (co-investigator) (E. Wainwright, P.I.)

- 2009 Using a Public Health Approach for the Pandemic of Medication Errors (co-investigator) (S.P. Malone, P.I.)
- 2008 Contributing Factors to International Self-Reported Medical Error Rates: Policy Implications for Canada (co-investigator) (J. O'Hagan, P.I.)
- 2008 Self-Reported Risk Factors for Medical Errors: Implications for Primary Health Care in Canada (co-investigator) (A. Scobie, P.I.)
- 2007 Workplace Wellness Programs in Canada: Is There a Role for Private Payers/Benefit Carriers? (co-investigator) (E. Morrison, P.I.)
- 2007 Impact of Canadian Drug Policies on Patient Outcomes and Implications for Future Policy Development (co-investigator) (A. Morrison, P.I.)
- 2006 The Balanced Scorecard and Preventing Medication Errors in Stroke Care (co-investigator) (N. Agarwal, P.I.)
- 2005 Physician and Nursing Perspectives on the Implementation of a Medication Reconciliation Program (co-investigator) (D. Parker, P.I.)
- 2005 Ten Years of Disease Management in Canada: Recommendations for Surmounting Barriers to Adoption for Chronic Diseases (co-investigator) (C. Gallant, P.I.)
- 2004 Identification of Risk Factors for Drug-Related Falls in the Emergency Department (co-investigator) (S. Ackroyd, P.I.)
- 2003 Use of PDAs for Clinical Documentation among Capital Health Hospital Pharmacists (co-investigator) (G. Gabr, P.I.)
- 2003 Development of a Proposal for a Diabetes Disease Management Study for the Nova Scotia Department of Health (co-investigator) (N. Hartnell, P.I.)
- 2003 The Nova Scotia Wet Nebulization Project: A Survey To Determine Pharmacist Perceptions (co-investigator) (P. Flanagan, P.I.)
- 2002-2003 An Evaluation of the Medication Use Process at the Queen Elizabeth II Health Sciences Centre: Are There Potential Medication Errors? (co-investigator) (J. Turple, P.I.)

Funded Research (Canadian grants in Canadian dollars unless otherwise noted)

- 2019-date Health Care Personnel Engagement with Health Information Communication Strategies. (Merkle) (\$16,182) (A. Hincapie, P.I.) (co-investigator)
- 2017-date Naloxone Access and Impact Evaluation for the State of Ohio. (Ohio Department of Health) (\$75,000) (P.I.)
- 2016-2018 SafetyNET–Rx Online: Sustaining a leading community pharmacy medication error initiative through e-learning (Nova Scotia Health Research Foundation) (\$9997) (T. Boyle, P.I.) (co-investigator)
- 2016-2017 Mandatory OARRS Registration and Utilization: HB 341 Policy Evaluation (Ohio Department of Health) (\$44,885) (E. Winstanley, P.I.) (co-investigator)
- 2016-2017 Evaluation of the implementation of the Ohio emergency and acute care facility opioids and other controlled substances (OOCs) Prescribing Guidelines (Ohio Department of Health) (\$47,904) (P.I.)
- 2016 Directions and Priorities for the Future of Pharmacy in Canada (Canadian Pharmacists Association) (\$44,013.50) (J. Smith, P.I.) (co-investigator)
- 2014-2017 A framework for communicating medication incidents to Nova Scotia community pharmacies (Nova Scotia Health Research Foundation) (\$113,829) (J. Barker, P.I.) (co-investigator)
- 2014-2015 Needs Assessment of Specialization of Pharmacy in Canada (Canadian Pharmacists Association) (\$44,898) (J. Smith, P.I.) (co-investigator)
- 2013 Arizona State Office of Rural Health (Office of Rural Health Policy, Health Resources and Services Administration) (\$172,737 plus \$518,211 in matching funding from State of Arizona) (L. Bergsma, P.I.) (co-investigator & Center Director)
- 2013 Arizona Rural Hospital Flexibility Program (Office of Rural Health Policy, Health Resources and Services Administration) (\$490,983) (K. Driesen, P.I.) (co-investigator & Center Director)
- 2013 Safety Net Health Care System (Arizona Area Health Education Centers) (\$87,721.50) (J. Tabor, P.I.) (co-investigator & Center Director)

- 2013 Demand study of nurse practitioners, certified nurse midwives, physician assistants, physicians, preceptors, pharmacists, and public health professionals in Arizona (Arizona Area Health Education Centers) (\$78,624.00) (J. Tabor, P.I.) (co-investigator & Center Director)
- 2012-2013 Arizona State Office of Rural Health (Office of Rural Health Policy, Health Resources and Services Administration) (\$180,000 plus \$540,000 in matching funding from State of Arizona) (L. Bergsma, P.I.) (co-investigator & Center Director)
- 2012-2013 Supply of Nurse Practitioners, Certified Midwives and Physician Assistants in Arizona (Arizona Area Health Education Centers) (\$160,785) (J. Tabor, P.I.) (co-investigator & Center Director)
- 2012-2013 Arizona Rural Hospital Flexibility Program (Office of Rural Health Policy, Health Resources and Services Administration) (\$507,000) (K. Driesen, P.I.) (co-investigator & Center Director)
- 2011-2012 Arizona State Office of Rural Health (Office of Rural Health Policy, Health Resources and Services Administration) (\$180,000 plus \$540,000 in matching funding from State of Arizona) (L. Bergsma, P.I.) (co-investigator & Center Director)
- 2011-2012 Medication Incident Reporting in Community Pharmacy: Determinants of Reporting and Regulatory Effectiveness (CIHR; Partnerships for Health System Improvements) (\$216,000) (co-P.I.)
- 2011-2012 Perceptions of Patient Safety: How Do We Get Patients Involved? (CIHR) (\$105,000); (Eli Lilly) (\$6,700) (A. Scobie, P.I.) (co-investigator)
- 2011 Canadian Network for Observational Drug Effect Studies (cNODES), Atlantic Canada Node (Health Canada/CIHR) (\$1,600,000) (A. Levy, P.I.) (collaborator)
- 2010-2012 SafetyNET-Rx: Development and Testing of Evaluation Guides (Canadian Foundation for Pharmacy) (\$48,382) (P.I.)
- 2010 CQI in Community Pharmacies: Reducing, Reporting and Learning From Medication Incidents (CIHR Meetings, Planning and Dissemination Grant: Institute of Health Services and Policy Research) (\$9852) (P.I.)
- 2010-2011 Development of Drug Cost Comparison Tool for Physicians, 3rd ed. (Medavie Blue Cross)(\$4900) (P.I.)

- 2009-2012 Engaging Patients in Patient Safety. Nova Scotia Health Research Foundation (\$19,030) (A. Scobie, P.I.) (co-investigator)
- 2009-2012 Reporting quality-related events in community pharmacy in Nova Scotia. (Nova Scotia Health Research Foundation) (\$125,000) (co-P.I with T. Boyle)
- 2009-2012 Medication-Related Emergency Department Visits in Pediatrics: A Prospective Observational Study. Nova Scotia Health Research Foundation. (\$99,510) (co-investigator) (P. Zed, P.I.)(co-investigator & mentor)
- 2009-2011 Choosing, using and losing medications in older adults: A research training program bridging biosciences, clinical, population health, and health policy research. (CIHR) (\$1,781,941) (L. Dolovich, P.I.)(co-investigator)
- 2009-2011 SafetyNET: Improving Medication Safety through Quality Management and Integrative IT. (Social Sciences and Humanities Research Council of Canada - Public Outreach Grants - Management, Business and Finance) (\$114,529) (co-P.I with T. Boyle)
- 2009-2011 SafetyNET: Insights and Lessons Learned from a Pilot Study. Nova Scotia Health Research Foundation (\$16,878) (H. Deal, P.I.) (co-investigator)
- 2009-2011 Exploring the Perspectives of Patients and Nurses on the Role of the Hospitalized Patient in Medication Administration Study. Nova Scotia Health Research Foundation (\$69,725) (Canadian Nurses Foundation) (\$23,241.66) (M. MacDonald, P.I.) (co-investigator & mentor)
- 2009-2010 A comparison of the current state of Canadian paediatric and adult medication errors and a model for safer medication delivery in Canada. Canadian Health Services Research Foundation (\$100,000) (preceptor for Kimberley Sears)
- 2008-2011 CIHR/Health Canada Team in Drug Policy for Equitable Access to Medications (CIHR Emerging Teams in Applied Health Services and Policy Research) (\$1,493,000 over 5 yrs) (S. Morgan, P.I.)(co-investigator)
- 2008-2009 Surveillance Strategies for Identifying Adverse Drug Events: Lessons from Public Health (CIHR Meetings, Planning and Dissemination Grant: Institute of Health Services and Policy Research) (\$7,458) (S. Ackroyd, P.I.)(co-investigator)
- 2008-2010 Clinical Benefits and Economic Impact of a Surgical Pharmacist (CSHP Research and Education Foundation) (\$2,000) (B. Chevalier, P.I.)(co-investigator)

- 2008-2010 SAFER Medication Use in Emergency Departments (SAFER MEDS)(IWK Research Grants) (\$4,000)(S. Ackroyd and N. Murphy, co-PIs)
- 2008-2011 Safety in home care: focus on medication management (CIHR Partnerships for Health System Improvement Competition) (\$367,670 over 3 years) (A. Lang, P.I.) (co-investigator)
- 2008-2009 Cost Shifting of Pharmaceuticals from Public to Private Healthcare Payers (\$15,000 from MITACS) (P.I.)
- 2008-2009 SafetyNET: A quality management program for community pharmacy. (Social Sciences and Humanities Research Council of Canada - Public Outreach Grants - Management, Business and Finance) (\$79,961) (co-P.I. with T. Boyle)
- 2008-2010 Development of a book for the general public on medication-use safety (Glaxo Smith Kline) (\$29,200) (P.I.)
- 2008-2009 Vancouver General Hospital Seamless Care Concept: A balance of outcomes approach: clinical, economic and humanistic (Wyeth Canada) (\$36,400) (P.I.)
- 2008-2009 Inter-professional consultations on the *Blueprint for Pharmacy* (\$65,830 from the Canadian Pharmacists Association) (co-investigator)
- 2007-2009 Pharmacist Human Resources Management Challenges and Requirements (\$248,000 from the Canadian Pharmacists Association) (co-investigator)
- 2007-2008 Utilization of prescription drugs for hypertension and cholesterol management among enrollees in the Nova Scotia Pharmacare program (\$12,400 from Pfizer Canada) (P.I.)
- 2007 David Rippey Post-Doctoral Patient Safety Fellowship (\$110,000 from the Canadian Patient Safety Institute and the Canadian Institutes of Health Research) (for preceptor of S. Ackroyd)
- 2007 Impact of Canadian Drug Policies on Economic, Clinical, and Humanistic Outcomes: A Systematic Review (\$17,000 from MITACS) (P.I.)
- 2007 Developing a brokerage function for linking Canadian researchers and decision makers with expertise and interest in patient safety research (\$12,000 from the Canadian Patient Safety Institute) (P.I.)

- 2005-2008 Development of medication safety indicators (\$203,000 including in-kind support provided by a variety of sources, including \$74,985 from the Canadian Patient Safety Institute) (P.I.)
- 2005-2007 Prescriber and Pharmacist Perspectives on Prior Authorization Policies in the Nova Scotia Pharmacare Program (\$7950 provided by the Drug Evaluation Alliance of Nova Scotia) (P.I.)
- 2005 The Development of a Textbook on Medication Safety and Quality (P.I./Editor) (\$26,250 USD provided by a Merck International Grant and \$8750 USD provided by Merck Frosst Canada)
- 2005 Addressing the Hospital Pharmacy Management Crisis: Development of Strategies & Solutions (a workshop) (\$8000 provided by CIHR) (P.I.)
- 2005-2007 Evaluation of a workplace asthma self-management program (co-investigator; Theresa Rose, P.I.) (\$250,000 provided by GlaxoSmithKline)
* Winner of the 1st annual Who's Who in Workplace Health Awards, Disease Management category, *Canadian Healthcare Manager*, 2007
- 2005-2007 Identifying, Understanding, and Overcoming Barriers to Medication Error and near Miss Reporting in Hospitals in Nova Scotia (\$8600 provided by the Pharmacy Endowment Fund, \$4700 provided by CIHR) (P.I.)
- 2004-2010 Pharmacist-Directed Seamless Care Services in Oncology in Newfoundland: A Randomized Controlled Trial. (\$104,000 provided by Pfizer Canada; \$25,000 from Amgen) (co-investigator; Rick Abbott P.I.)
- 2004-2007 Development and Use of Quality Indicators of Medication Use for Diabetes. (\$49,900 provided by the Nova Scotia Health Research Foundation) (P.I.)
- 2004 Research Fellowship in Health Outcomes Research (\$35,000 provided by Pfizer for Karen McCaffrey) (Fellowship Preceptor)
- 2004 Patient and Health Professional Perceptions of Medication Errors: Identifying Contributing Factors and Solutions. (\$5000 provided by the Canadian Society of Hospital Pharmacists Research & Education Foundation; \$2940 provided by the Pharmacy Endowment Fund) (Co-P.I. with RJ Genge)
- 2003 Seamless pharmaceutical care for patients with Heart Failure. (\$111,422 over 4 years provided by the Canadian Health Services Research Foundation. (co-investigator; Kirsten Woodend and Heather Ross, co-PIs)

- 2003 Comparison of GI Risk and Prescribing Profiles of Seniors Receiving Anti-Arthritic Agents in Nova Scotia (\$10,000 provided by Merck Frosst Canada) (P.I.)
- 2002 A Descriptive Drug Utilization Analysis of Anti-Arthritis Therapy in Seniors, Nova Scotia Pharmacare Program, 1999-2001. (\$16,986 provided by Merck Frosst Canada) (P.I.)
- 2002 New Emerging Team Competition, Canadian Institutes of Health Research (CIHR). New Emerging Team – Medication Appropriateness, Safety and Technology in Seniors. (NET-MASTS). LOI Accepted October 2002. Received \$5000 toward proposal development.
- 2002-2005 Evaluation of an Integrated Model and Iterative Loop for Assessment of Drug Effectiveness in the Real World (\$200,000 provided by Health Canada) (co-investigator) (Research Team: Colleen Metge, David Collins, Anita Kozyrski, Judith Soon, David Fielding, Bruce Carleton, James McCormack, Yola Moride, Jacques LeLorier, and Ingrid Sketris).
- 2001-2003 The Development of a Guidebook for Implementing and Evaluating Pharmacist-Directed Seamless Care Services (\$12,400 provided by the Endowment Fund of the Dalhousie University College of Pharmacy; book published in April 2003 by the Canadian Pharmacists Association) (P.I.).
- 2001-2006 Community alliance for the remodeling of rural health systems: Taking action on chronic illness and disability (\$691,075 provided by the Social Sciences and Humanities Research Council of Canada) (co-investigator).
- 2000-2003 Preventable drug-related morbidity in older adults in Nova Scotia: Identification of risk factors and relationship to health care resource utilization (\$280,180 provided by the National Health Research and Development Program/Canadian Institutes of Health Research) (P.I.).
- 2000-2001 Outcome Analysis of the Nova Scotia Pharmacare Prior Authorization Program for Vioxx®: A Study Proposal (\$25,000 provided by Merck Frosst Canada Inc.) (P.I.).
- 2000-2001 Canadian Hospital Pharmacy Managers' Self-Assessment of Pharmacy Management Competencies (\$3100 provided by the Endowment Fund of the Dalhousie University College of Pharmacy) (P.I.).
- 2000-2002 Outcome Analysis of a Pharmacist-Directed Seamless Care Service (\$70,000 provided by various sources) (co-investigator)

- 1999-2000 Use of Health-Related Quality of Life in Drug Formulary Decision Making (\$5000 provided by the Social Sciences and Humanities Research Council of Canada - Special Grants for new investigators) (P.I.)
- 1999-2000 Development of a Case Study for the Prescription Drug Misuse Project (\$15,777 provided by Health Canada, Health Transition Fund - administered by the Red Bank First Nation) (P.I.)
- 2000 Atlantic Canadian Conference on Pharmacoeconomics and Drug Benefit Management (\$30,000 provided by Hoffmann LaRoche) (P.I.)
- 1999-2000 State of Performance Measurement of Medication Use and Pharmacy Systems in Canada (\$8000 provided by the Endowment Fund of the Dalhousie University College of Pharmacy) (P.I.).
- 1998-1999 Performance Indicators for Continuous Quality Improvement in Pharmacy (\$43,000 provided by the American Pharmaceutical Association Quality Center (Co -P.I.).
- 1997-1998 Risk Assessment of Preventable Drug-Related Morbidity in Older Adults (Dissertation Project).
- 1997-1998 A Monograph on Retrospective DUR Profiling (funding provided by the United States Pharmacopeial Convention, Inc.) (research assistant).
- 1996-1997 Pharmacoeconomic Evaluation of Mycophenolate Mofetil (MMF) in Solid Organ Transplant Patients (a pharmacoeconomic evaluation for the Pharmacy & Therapeutics Committee at the Shands Hospital at the University of Florida) (research assistant).
- 1995-1997 The Continual Improvement of Community Pharmacy Services with a Performance-Based Quality of Care Evaluation System (partial support provided by Glaxo Wellcome) (research fellow).

TEACHING EXPERIENCE

- 2019 Guest Lecturer for Professional Development Seminar for P1 students (on time management), Pharm.D. Program, James L Winkle College of Pharmacy, University of Cincinnati.
- 2018-2019 Guest Lecturer for Professional Development Seminar for P1 students (on social media), Pharm.D. Program, James L Winkle College of Pharmacy, University of Cincinnati.

- 2017-2019 Guest lecturer for Contemporary Pharmacy Practice (on healthcare reform), Pharm.D. Program, James L Winkle College of Pharmacy, University of Cincinnati.
- 2014-2019 Guest lecturer for Health System Pharmacy Practice (on public health policy, quality in healthcare, quality in pharmacy and healthcare reform), Pharm.D. Program, James L Winkle College of Pharmacy, University of Cincinnati.
- 2014-2018 Lecturer/workshop leader on career planning for pharmacy residents, Resident Teaching Certificate Program, University of Cincinnati
- 2014-2018 Guest Lecturer for Professional Development Seminar for P1, P2, P3, and P4 students (on professionalism), Pharm.D. Program, James L Winkle College of Pharmacy, University of Cincinnati.
- 2014-2016 Guest Lecturer for PD3040: Exploring Health Professions (Pharmacy as a Career), Division of Professional Practice and Experiential Learning (ProPEL), University of Cincinnati
- 2013-2016 Guest Lecturer for PHCS 7000: Introduction to the US Healthcare System (on public health and international health), Pharm.D. Program, James L Winkle College of Pharmacy, University of Cincinnati.
- 2014 Guest lecturer for Professional Development Seminar for P2 students (on the Affordable Care Act & pharmacy), Pharm.D. Program, James L Winkle College of Pharmacy, University of Cincinnati.
- 2013 Workshop co-leader with T. Warholak, K. Baker, P. Campbell, J. Augustine, T. Boyle, A. Scobie and D. Nau, "Continuous Quality Assurance Workshop", Arizona Pharmacy Association Annual Convention and Trade Show, Tucson, AZ, June 2013.
- 2013 Guest Lecturer for Healthcare Delivery in Rural & Underserved Populations, Bachelor's of Science in Pharmacy Program, University of Waterloo School of Pharmacy, Waterloo, ON, May 2013.
- 2012 Guest Lecturer for CPH 200 (Introduction to Public Health), Bachelor's of Science in Public Health Program, Mel and Enid Zuckerman College of Public Health, The University of Arizona.
- 2012 Guest Lecturer for PhPr 863a (Quality Improvement and Medication Error Reduction), Pharm.D. Program, College of Pharmacy, the University of Arizona.

- 2012 Workshop co-leader (with A Smycniuk), “Footprints in the Sand: Steps for Successful Career and Life Planning”, Canadian Society of Hospital Pharmacists Summer Educational Sessions, Charlottetown, PEI, Aug 2012.
- 2012-2013 Course Coordinator, CHP 616 (Public Health and Rural Health Policy), Master’s of Public Health Program, Mel and Enid Zuckerman College of Public Health, The University of Arizona.
- 2012 Course Coordinator, CPH 599 (Independent Study: Health Policy Analysis), Mel and Enid Zuckerman College of Public Health, The University of Arizona.
- 2012 Workshop leader, “The Value of a Pharmacist” CAPSI Professional Development Weekend, Halifax, NS, Jan 2012.
- 2011-2012 Guest Lecturer for CPH 562 (Health Services Administration), Master’s of Public Health Program, Mel and Enid Zuckerman College of Public Health, The University of Arizona.
- 2011 Workshop facilitator with Olavo Fernandes and Emily Lap Musing on Enhanced Medication Safety Around Transitions of Care, 3rd Annual University of Toronto Centre for Patient Safety Symposium, Toronto, ON, Nov 2011.
- 2011 Assessor of public health advocacy plans for CPH 565 (Public Health Advocacy), Master’s of Public Health Program, Mel and Enid Zuckerman College of Public Health, The University of Arizona.
- 2011 Guest Lecturer for CPH 609 (Evaluating the Public Health Literature), Master’s of Public Health Program, Mel and Enid Zuckerman College of Public Health, The University of Arizona.
- 2010-2011 Guest lecturer for CH&E 5040, Introduction to Health Services Research and Policy, Department of Community Health & Epidemiology, Faculty of Medicine, Dalhousie University.
- 2009 Guest speaker, “Lost in Translation: A Guide to Knowledge Translation”, Summer Research Seminar Series, Dalhousie University Faculty of Medicine.
- 2009 Course Coordinator, Interdisciplinary PhD 7000 (Exploring and Operationalizing Patient Safety Research), Dalhousie University.
- 2008 Workshop leader, “Enabling Pharmacists to Prove Their Worth: Identification of Barriers and Solutions” Department of Pharmacy Staff Retreat, Hamilton Health Sciences Centre, Hamilton, ON, Nov 2008.

- 2008 Workshop leader, "Critical Appraisal of Clinical Trials for Formulary Decision Making", Medavie Blue Cross, Dartmouth, NS, June 2008.
- 2008 Workshop co-leader (with William McLean), "Adherence to Drug Therapy: A Closer Look at Savings and Improved Productivity" Solutions in Drug Plan Management Conference, Toronto, ON, June 2008.
- 2008 Workshop leader, "Formulary Decision Making & Economic Outcomes" Medavie Blue Cross, Dartmouth, NS, Mar 2008.
- 2007 Workshop leader, "Career Planning and Life Management" British Columbia Hospital Pharmacy Management Seminar, Vancouver, BC, Nov 2007.
- 2006 Workshop leader, "Seamless care – barriers and solutions" 12th Annual Pharmacy Conference, Universidad Central de Venezuela, Caracas, Venezuela, Oct 2006.
- 2006 Workshop co-leader (with Olivier Bugnon), "Issues and concerns related to medication safety for patients in transition," and "Seamless care – making it happen", International Pharmaceutical Federation (FIP) Annual Congress, Salvador, Bahia, Brazil, Aug 2006.
- 2006 Workshop co-leader, Canadian Patient Safety Institute, Research Workshop, Ottawa, ON (May 29 & 30), Edmonton, AB (June 5 & 6).
- 2005 Workshop Leader, Addressing the Hospital Pharmacy Management Crisis: Development of Strategies & Solutions, Canadian Society of Hospital Pharmacists Annual General Meeting, Ottawa, ON.
- 2005 Faculty, PharmaSea, Eastern Caribbean Cruise, April 2005. Topics included implementing new pharmacy services, time management, and finding your passion for the profession of pharmacy.
- 2004 Course Coordinator, Interdisciplinary PhD 7000 (Adverse Consequences of the Medication Use System), Dalhousie University.
- 2003 Guest speaker on professionalism for School of Physiotherapy Seminar Series, Dalhousie University.
- 2003 Faculty, University-at-Sea, Holland American Alaskan Cruise, July 2003. Topics included health-related quality of life, continuous quality improvement and geriatric pharmacotherapy.

- 2003 Workshop Leader, Quality of Pharmacotherapy, Aventis Teachers of Pharmacy Administration Conference, Montreal, PQ.
- 2002 Workshop Leader, Barriers to Seamless Care and Possible Solutions, Pictou County Hospital and Community Pharmacists Liaison Committee Seamless Care Conference, Pictou, NS
- 2002 Guest lecturer for Pharmacy Practice Management Course, Midwestern University College of Pharmacy, Glendale, AZ
- 2001 Course Coordinator, Community Health & Epidemiology 6060 (Physician Prescribing Behavior and the Medication Selection Process), Dalhousie University.
- 2000 "How Do I Write a Letter of Intent?" Persaud D, Sketris I, MacKinnon NJ. Workshop on Letters of Intent, Dalhousie University Faculty of Health Professions, Halifax, NS, Mar & Apr 2000.
- 2000-2010 Course Co-ordinator, Pharmacy 4060 (Advanced Patient Health Management), Dalhousie University.
- 1999-2011 Guest lecturer and contributor of material for student cases, problem-based learning curriculum, Dalhousie University College of Pharmacy.
- 1999-2011 Course Coordinator, Pharmacy 2060 (Problem-based learning block for Medication Use Management), Dalhousie University.
- 1999-2011 Guest lecturer for Managerial Epidemiology Course, School of Health Administration, Dalhousie University.
- 2000 Leader of case-based workshop on patient satisfaction. Nova Scotia Association of Hospital Pharmacy Managers Pharmacy Management Seminar, White Point Beach, NS.
- 1999 Course Coordinator, Pharmacy 4720 (Pharmacy Administration II), Dalhousie University.
- 1999 Course Coordinator, Pharmacy 3700 (Pharmacy Administration), Dalhousie University.

- 1998-2000 Leader of case-based workshops (Quality Improvement in Community Pharmacies and Responding to Patient Satisfaction Data). Pharmacy Law and Management Conference, Clearwater, FL (1998) and the American Pharmaceutical Association Foundation Advanced Practice Institute, Gainesville, FL (1999 & 2000).
- 1996 Leader of case-based workshops (Asthma Disease State Management). Midwestern University, Chicago College of Pharmacy, Ambulatory Care Training Program For Pharmacists, Chicago, IL, and the Florida Pharmacy Association Asthma Management Program, Marco Island, FL.
- 1995-1998 Guest lecturer for Quality Assessment and Improvement, Medication Use Process, and Pharmacy Management courses, University of Florida College of Pharmacy (5 lectures).
- 1994 Coordinator, Institutional Pharmacy Practice, Undergraduate pharmacy course, School of Pharmacy, University of Wisconsin-Madison.

UNIVERSITY OF CINCINNATI SERVICE EXPERIENCE

James L Winkle College of Pharmacy

- 2018-2019 Member, Pharmacy Technician Program Advisory Board
- 2018-2019 Member, Pharmacogenomics and Personalized Health Advisory Board
- 2018 Chair, Search Committee for Associate Dean of Student Affairs
- 2017 Chair, Search Committee for Associate Dean of Research and Innovation
- 2015-2017 Chair, College Branding Working Group
- 2015-2017 Chair, Medication Therapy Management (MTM) Center Planning Working Group
- 2013-date Chair, Executive Committee
- 2013-date Chair, College Administrative Team (CAT)
- 2013-date Member, Alumni Council
- 2013-date Member, Council on Diversity
- 2013-date Member, Board of Advisors, James L Winkle College of Pharmacy

Broader University Experience

2019-date	Member, Protest Safety Team
2019-date	Member, Undergraduate Public Health Program Working Group
2017-2018	Member, University of Cincinnati Masters of Public Health (MPH) Accreditation Advisory Committee
2017-date	Member, University of Cincinnati Foundation Board of Directors
2017-date	Executive Committee, Council of Deans
2017-date	Member, University of Cincinnati Enterprise Risk Management Risk Council
2017-date	Co-chair, University of Cincinnati Academic Health Center Opioids Task Force
2017-2018	Member, UC Strategic Budget Working Group
2016-2017	Co-chair, Medication Therapy Management (MTM) Steering Committee (with the University of Cincinnati Research Institute)
2016-2017	Member, UC Scholars Academy
2015-2016	Co-chair, University of Cincinnati Faculty & Staff Campaign
2015-2016	Member, Digital Advisory Committee
2015-2016	Member, 3rd National Telehealth Conference Steering Committee
2015	Member, Search Committee for Chief Human Resource Officer
2014-date	Member, Enrollment Management Policy Council
2014-2015	Chair, Decanal Search Committee for Clermont College
2014-2015	Member, 2 nd National Telehealth Conference Steering Committee
2014-2018	Member, University of Cincinnati/AAUP Grievance Committee
2014	Member, University of Cincinnati Medical/Pharmacy/Dental Benefit and Wellness Plan Selection Committee

- 2013-2016 Member, Executive Committee, Urban Universities for Health (UUHealth) Learning Collaborative
- 2013-2016 Member, University of Cincinnati/Cincinnati Veterans Affairs Medical Center Affiliation Partnership Council
- 2013-date Member, Academic Health Center (AHC) Deans Council
- 2013-date Member, Council of Deans (COD)

THE UNIVERSITY OF ARIZONA SERVICE EXPERIENCE

Mel and Enid Zuckerman College of Public Health

- 2012-2013 Member, Scholarship Committee
- 2012-2013 Member, Arizona Rural Health Conference Planning Committee
Member, Abstract Review Subcommittee
- 2012 Member, Doctoral Student Symposium Planning Committee
- 2011-2012 Section Chair, Public Health Policy & Management
- 2011-2012 Member, Education Committee
- 2011-2013 Member, Tenure & Promotions Committee
- 2011-2012 Chair, faculty search committee (X 2), Public Health Policy & Management
- 2011-2013 Member, Arizona Rural and Public Health Policy Forum Planning Committee

Broader University Service

- 2013 Interviewer, College of Medicine admissions
- 2012-2013 Member, Steering Committee, Interprofessional Practice-Based Research Network
- 2012-2013 Member, Arizona Area Health Education Centers (AHEC) Evaluation Working Group
- 2012 Arizona Graduate Medical Education Task Force
- 2011-2013 Member, Arizona Area Health Education Centers (AHEC) Governance Board (one

- of two representatives from the Mel and Enid Zuckerman College of Public Health)
- 2011-2013 Member, Search Committee, Chair of Pharmacy Practice & Science, College of Pharmacy
- 2011 Reviewer, Arizona Area Health Education Centers (AHEC) 2011 Research and Project Small Grant Program

DALHOUSIE UNIVERSITY SERVICE EXPERIENCE

College of Pharmacy

- 2008-2011 Member, Appointments Committee
- 2008-2009 Interim Chair, Self-Assessment Committee (for Accreditation)
- 2007-2010 Member, Ad-hoc Graduate Program Development Committee
- 2005-2011 Member, Tenure & Promotions Committee
- 2005-2011 Chair, Research Committee
- 2005-2006 Member, Professionalism Committee
- 2001-2007 Member, Committee on Studies
- 2001-2007 Member, Undergraduate Education Committee
- 2001-2005 Chair, Awards Committee
- 1999-2005 Member, Awards Committee
- 1999-2011 Member, Self-Assessment Committee (for Accreditation)
- 1999-2003 Faculty Liaison, Dalhousie Student Pharmacy Society (DSPS)

Faculty of Health Professions

- 2011 Member, Review Committee, School of Nursing
- 2010-2011 Member, Faculty of Health Professions PhD Planning Committee

- 2009-2010 Member, Review Committee, School of Health and Human Performance
- 2008-2009 Member, Faculty Search Committees (2), School of Health Administration
- 2008-2009 Member, School of Nursing Scientific Review Committee
- 2008-2011 Member, Interdisciplinary PhD (Health Sciences) Committee
- 2005-2011 Member, Research Committee
- 2004 Member, Faculty of Health Professions Self-Study Review Committee for the School of Health Services Research
- 2004 Member, Professionalism Planning Group
- 2002 Member, Tenure & Promotions Committee, School of Health Services Administration
- 2001-2011 Member, Advisory Committee on the CIHR/CIHI/NSHRF Chair in Health Services Research (Dr. Ingrid Sketris)
- 2001-2005 Member, Scholarship Committee
- 2000-2002 Grant Reviewer, Faculty of Health Professions Peer-Review Program
- 2000 Co-Reviewer, Bachelor in Health Information Management Program Proposal

Dalhousie University

- 2007-2008 Member, Health Policy Research Centre, knowledge transfer working group
- 2002 Chair, Review Committee, Masters in Health Services Research Program Proposal
- 2001-2006 Member, Interdisciplinary Ph.D. Program Committee
- 2001 Member, Dean of the Faculty of Health Professions Review Committee

PROFESSIONAL SERVICE EXPERIENCE

Nova Scotia

- 2010-2011 Board member, Cobequid Community Health Board

- 2005 Member, Building a Better Tomorrow Nova Scotia Provincial Education Advisory Committee
- 2004-2005 Representative for College of Pharmacy, Nova Scotia Pharmacy, Primary Care Coalition
- 2004-2005 Chair, Canadian Society of Hospital Pharmacists Nova Scotia Branch, Student Public Relations Committee
- 2002 Member, Health Services, Policy and Outcomes Peer Review Committee, Nova Scotia Health Research Foundation (NSHRF)
- 2002- 2005 Member, Patient Safety Advisory Group, Capital Health, Halifax, NS
- 2000-2001 Member, Public Relations Committee, Nova Scotia Branch of the Canadian Society of Hospital Pharmacists (CSHP)
- 2000-2001 Member, Pharmacy Practice Committee, Pharmacy Association of Nova Scotia (PANS)
- 1999-2001 Member, Nova Scotia Association of Hospital Pharmacy Managers Pharmacy Management Conference Planning Committee

Canada

- 2018 Member, Opioid Crisis Working Group, Health Standards Organization, Ottawa, ON
- 2017-date Member, Medication Management Technical Committee, Health Standards Organization, Ottawa, ON
- 2016-date Member, Master of Science in Healthcare Quality Program Advisory Committee, Queen's University, Kingston, ON
- 2013-date Member, International Editorial Advisory Board, *Canadian Pharmacists Journal*
- 2013 Grant Reviewer, Canadian Cancer Society Research Institute
- 2013 External Reviewer, Academic Program Review, School of Pharmacy, Memorial University of Newfoundland
- 2012 Abstract Reviewer, Canadian Public Health Association 2013 Annual Conference
- 2012 Reviewer, Dalhousie Pharmacy Endowment Fund grant proposals

- 2011-2015 Member, KPI (key performance indicators) for hospital pharmacy (national initiative) and member of research subcommittee, Canadian Society of Hospital Pharmacists
- 2011 Member, Accreditation Canada Leading Practices Expert Panel
- 2010 Judge, Commitment to Care and Service Awards, Rogers Healthcare Publishing
- 2010 Associate Editor, *Patient Safety Papers*
- 2010-2011 Editorial Advisory Board member, *Pharmacy Practice*
- 2009-2012 Presidential Officer, Canadian Society of Hospital Pharmacists
- 2009 Reviewer, Career Scientist Awards, Ontario Ministry of Health and Long-Term Care
- 2008-2011 Reviewer, *Canadian Family Physician*
- 2008-2009 Member, Canadian Advisory Committee, *Action on Patient Safety: High 5s*, World Health Organization, Geneva, Switzerland
- 2008 Chair, Infrastructure Programs Merit Review Panel, Michael Smith Foundation for Health Research, Burnaby, BC
- 2007-2014 Reviewer, *Canadian Medical Association Journal (CMAJ)*
- 2007-2009 Reviewer, RxBriefcase.com (Continuing education lessons for pharmacists)
- 2007 Member, Canadian Council of Health Services Accreditation (CCHSA) working group on new medication management standards
- 2006-2008 Member, CSHP Hospital Pharmacy Management Leadership Task Force Working group chair, leadership/management issues in undergraduate pharmacy students and residents
- 2006-2007 Member, Pfizer Canada Cardiovascular Research Awards Review Committee
- 2005-2009 "Faculty" member, *Safer Healthcare Now* campaign, Medication Reconciliation Initiative
- 2005-2006 Reviewer, *Canadian Journal of Nursing Leadership*

- 2005-2009 Member, Canadian Patient Safety Institute, Research and Evaluation Committee (Founding member)
- 2005-2009 Member, Panel of Examiners, Pharmacy Examining Board of Canada, Evaluating Examination
- 2005 Member, CIHI Primary Healthcare Quality and Safety Indicators Working Group
- 2005 Reviewer, Health Services and Policy Research Priorities Fund Operating Grants, Michael Smith Foundation for Health Research, Burnaby, BC
- 2005 Chair, Ad-hoc committee for drafting CSHP position statement on the role of the pharmacist as director of hospital pharmacy services
- 2005 Abstract Reviewer, Canadian Association of Population Therapeutics (CAPT) 2005 Annual Conference
- 2004-2009 Member, *Canadian Pharmacists Journal* Editorial Board
- 2004 Grant Reviewer, Vancouver Coastal Health Research Institute, In It For Life Research Fund Competition
- 2004 Grant reviewer, Canadian Foundation for Pharmacy/Apotex Theme Grant Applications
- 2004 External Reviewer, Population Health Investigator Award Application, Alberta Heritage Foundation for Medical Research
- 2002 External Reviewer, Health Policy and Systems Management Research Committee, Canadian Institutes of Health Research
- 2002-2003 Member, Infrastructure Program Research Unit Merit Review Panel, Michael Smith Foundation for Health Research, Burnaby, BC
- 2002-04, 2011, 2018 Reviewer, *Canadian Pharmacists Journal*
- 2002-2009 Member, *Geriatrics Today* (Journal of the Canadian Geriatrics Society) Editorial Board
- 2002, 2004 Reviewer, Canadian Pharmacists Association Annual Conference Research and Practice Innovation Session Abstracts

- 2001-2003 Survey Advisory Board Member, Community Pharmacy Trends Report, Pharmacy Practice Journal
- 2001, 02, 05 Reviewer, Career Investigator Awards, Michael Smith Foundation for Health Research, Burnaby, BC
- 2001 Reviewer, Ontario Ministry of Health and Long-Term Care, Research Grant Proposal on Medication Error Interventions
- 2000-2001 Associate Editor, *Canadian Journal of Hospital Pharmacy*
- 1999-2000 Member, CSHP Medication Error Reporting Task Force
- 1995-2000, 2009 Reviewer, *Canadian Journal of Hospital Pharmacy*
- 1992-1993 Editor of the *CAPSIL* (The Journal of the Canadian Association of Pharmacy Students and Interns)

USA

- 2018-date Dean's Advisory Panel, American Society of Health-System Pharmacists (ASHP)
- 2018 Panelist, American Society of Health-System Pharmacists (ASHP) Pharmacy Forecast 2019 Report
- 2016-date Member, Board of Pharmacy Specialties (BPS) International Taskforce
- 2016-date Member, Board of Pharmacy Specialties (BPS) International Advisory Committee
- 2016-2017 Member, American Society of Health-System Pharmacists (ASHP) Council on Education and Workforce Development
- 2016 Member, American Society of Health-System Pharmacists (ASHP) Commission on Goals
- 2014-2016 Member, Section Advisory Group (SAG) on Leadership Development, ASHP Section of Pharmacy Practice Managers
- 2013-date Member, Ohio Council of Colleges of Pharmacy
- 2013-2015 Member, Legal Affairs Committee, Ohio Society of Health-System Pharmacists (OSHP)

- 2013-2014 Reviewer, *Journal of the American Geriatrics Society (JAGS)*
- 2013-2014 Member, Section Advisory Group (SAG) on Pharmacy Practice Education (PPE), ASHP Section of Inpatient Care Practitioners
- 2012-2013 Member, Section Advisory Group (SAG) on Small and Rural Hospitals, ASHP Section of Inpatient Care Practitioners
- 2012 Reviewer, ASHP Foundation Literature Awards Program
- 2012 Member, NOSORH & Partnership for Patients Symposium Planning Committee
- 2011-2013 Reviewer, *Journal of Rural Health*
- 2011-2013 Reviewer, *American Journal of Pharmaceutical Education*
- 2010-2013 Reviewer, *Research in Social and Administrative Pharmacy*
- 2003-2005, 2008-2013 Reviewer, *Journal of the American Pharmacists Association*
- 2008-2010 Member, Advisory Group, Development of universal guidelines for safer handoff of older adult patients between long term care facilities and emergency departments, Emergency Nurses Association
- 2008 Co-chair, Patient Safety Working Group, Pharmacy Quality Alliance (PQA)
- 2007-2008 Member, Social and Administrative Sciences (SAS) section planning for joint AACP/AFPC meeting in Chicago, July 2008
- 2007-2008 Reviewer, *Health Services Research (HSR)*
- 2006-2008 Reviewer, *International Journal for Quality in Health Care*
2011
- 2004-2005 Reviewer, *Journal of Managed Care Pharmacy*
- 2004-2007 Member, *Research in Social and Administrative Pharmacy* Journal Editorial Advisory Board
- 2004-2006 Reviewer, *The American Journal of Geriatric Pharmacotherapy*
- 2004-2005 Reviewer, *Expert Review of Pharmacoeconomics & Outcomes Research*

- 2004-2008 Reviewer, *The Annals of Pharmacotherapy*
- 2004 Member, Program Planning & Develop Committee, Academy of Managed Care Pharmacy
- 2004 Member, Abstract Review Committee, International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 9th Annual International Meeting
- 2002-2005 Reviewer, *Clinical Therapeutics*
- 2001 Advisory Board Member, The Value of Pharmacy Project, Midwestern University College of Pharmacy-Glendale Campus, Glendale, AZ.
- 2001-2002 Member, Pharmacy Services Benchmarking Steering Committee, American Pharmaceutical Association (APhA)
- 2000-2003 Member, *Journal of Managed Care Pharmacy* Editorial Advisory Board
- 1999-2006 Member, Editorial Board, InetCe (www.inetce.org)
- 1999-2003 Reviewer, *Formulary*
- 1998-1999 Reviewer, *PharmacoEconomics*
- 1998-1999 Reviewer, *Disease Management & Health Outcomes*
- 1997-1998 Member, Academy of Managed Care Pharmacy (AMCP) Membership Committee
- 1997-1998 Member, American Society of Health-System Pharmacists (ASHP) Council on Administrative Affairs
- 1995 Reviewer, ASHP Supplemental Standard and Learning Objectives for Residency Training in Health-System Pharmacy Management

International

- 2011-date Founding member, Research Committee, FIP (International Pharmacists' Federation)
- 2008-date Member, *Journal of Pharmacy Practice and Research* (Australia) Editorial Advisory Board

- 2008-2009 Reviewer, *Quality and Safety in Health Care*
- 2007, 2010 Reviewer, Health, Welfare and Food Bureau of Hong Kong, grant applications in health services research
- 2002 Member, Abstract Review Committee, International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 5th Annual European Congress

AWARDS AND HONORS

- 2018 Dean of the James L Winkle College of Pharmacy, which received a 2018 Higher Education Excellence in Diversity (HEED) Award, the only pharmacy school in the US to receive this award.
- 2018 Cincinnati Business Courier 2018 Health Care Hero Finalist
- 2017 Elected to the National Academies of Practice (NAP) in Pharmacy (affiliate member). Inducted in April 2018.
- 2017 Recipient of the American Society of Health-System Pharmacists (ASHP)/Association of Black Health-System Pharmacists (ABHP) Leadership Award, which “recognizes individuals who have demonstrated exceptional leadership in efforts to reduce racial and ethnic disparities in healthcare.”
- 2017 American Association of Colleges of Pharmacy (AACP) Social and Administrative Sciences (SAS) Section Best Research Publication Award for: Hincapie AL, Slack M, Malone DC, MacKinnon NJ, Warholak TL. Relationship between Patients’ Perceptions of Care Quality and Health Care Errors in 11 Countries: A Secondary Data Analysis. *Quality Management in Health Care*. 2016;25(1):13.
- 2016 Co-recipient of Canadian Society of Hospital Pharmacists’ Pharmacotherapy Best Practices Award for the paper “Development of clinical pharmacy key performance indicators for hospital pharmacists using a modified Delphi approach”
- 2015 Co-recipient of Canadian Society of Hospital Pharmacists Ontario Branch Literary Award for Original Research for the paper “Development of clinical pharmacy key performance indicators for hospital pharmacists using a modified Delphi approach”

- 2014 Co-recipient of Canadian Society of Hospital Pharmacists' Patient Care Enhancement Award for the paper "Medication-Related Emergency Department Visits in Pediatrics: A Prospective Observational Study"
- 2013 Top Pediatric Abstract Award for "Medication-Related Emergency Department Visits in Pediatrics: A Prospective Observational Study," Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, June 2013 (co-author).
- 2013 Director of the Arizona Center for Rural Health. This organization was named Outstanding Rural Health Organization in 2013 by the National Rural Health Association
- 2012 Co-recipient of Canadian Society of Hospital Pharmacists' Management and Leadership Best Practices Award for the paper "Clinical Benefits and Economic Impact of Post-surgical Care Provided by Pharmacists in a Canadian Hospital"
- 2012 *Research in Social & Administrative Pharmacy (RSAP)* Annual Best Paper Award for: Boyle TA, Mahaffey T, MacKinnon NJ, Deal H, Hallstrom LK, Morgan H. Determinants of medication incident reporting, recovery, and learning in community pharmacies: A conceptual model. *RSAP (Research in Social and Administrative Pharmacy)*. 2011; 7(1): 93-107.
- 2011 Best oral presentation, Canadian Pharmacists Association Annual Meeting, Pharmacy Practice Research and Innovation Stream, May 30, 2011, for "SafetyNET-Rx: Improving medication safety through quality improvement and information technology"
- 2009 Best oral presentation, Canadian Pharmacists Association Annual Meeting, research session, May 31, 2009, for "Self-Reported Medical Errors in Seven Countries: Implications for Pharmacy"
- 2009 *Canadian Pharmacists Journal* Best Paper of the Year Award for "Development of clinical indicators for type 2 diabetes". This award is given to the original submission that best demonstrates an impact or potential to impact patient care and to lead pharmacy practice change.
- 2008 Co-recipient of Canadian Society of Hospital Pharmacists' Innovation in Safe Medication Practices Award for the paper "Development of Canadian Safety Indicators for Medication Use"
- 2007 Harkness Associate for 2007-08, funded by the Commonwealth Fund and the Canadian Health Services Research Foundation

- 2007 Best oral presentation, Canadian Pharmacists Association Annual Meeting, research session, June 3, 2007, for "Evaluation of a workplace asthma self-management program"
- 2006 Fellow, Canadian Society of Hospital Pharmacists (FCSHP)
- 2006 Best oral presentation, Association of Faculties of Pharmacy of Canada/Canadian Pharmacists Association joint session on Preparing Pharmacists for the Future, June 4, 2006, for "Addressing the hospital pharmacy management crisis: Development of strategies & solutions"
- 2005 Best Poster, National Oncology Pharmacy Symposium, Vancouver, BC, Oct 2005 for "Outcomes Assessment of a Pharmacists Directed Seamless Care Program in an Ambulatory Oncology Clinic" (co-investigator)
- 2003 Best Poster, The Second Old Age in a New Age Interdisciplinary Conference, Saint John, NB, May 2003 for "Incidence of preventable drug-related morbidity in Nova Scotia Seniors" (co-investigator)
- 2003 Honorary Life Membership, Dalhousie Student Pharmacy Society (DSPS)
- 2003 Recipient of the Jesse I. MacKnight Award for Teaching Excellence, as voted by the class of 2003, Dalhousie College of Pharmacy
- 2002 Best Contributed Paper Award, International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Meeting, Arlington, VA for "Preventable drug-related morbidity and mortality in older adults: A Canadian cost-of-illness model."
- 2002 Recipient of the Glaxo Wellcome Pharmacy Administration Award 2001-2002, Canadian Society of Hospital Pharmacists Awards Program, for the research paper, "Do Canada's Hospital Pharmacy Managers Have The Skills They Need? Results from a National Survey."
- 2001 Recipient of the Jesse I. MacKnight Award for Teaching Excellence, as voted by the class of 2001, Dalhousie College of Pharmacy
- 2001 Recipient (preceptor) of the Merck and Company Pharmacoeconomics and Outcomes Fellowship (fellow: Priti S. Flanagan), Research Institute of the American College of Clinical Pharmacy (ACCP)
- 2000,01,02,03 Recipient of Award of Appreciation, Dalhousie Society of Pharmacy Students (DPS) as serving as Faculty Advisor

- 1999 Recipient of the Merck Frosst Chair in Patient Health Management, Dalhousie University
- 1999 First Place, Student Award for Scholarly Work, the Section on Aging, University of Florida College of Medicine
- 1998 Recipient of Liberty Scholarship, University of Florida College of Pharmacy
- 1996 Recipient of the 1996 ASHP Research and Education Foundation Student Research Award
- 1996 First Place, University of Florida College of Pharmacy, 9th Annual Research Showcase and Awards Recognition Day, Oral Presentations, Junior Division
- 1996 First Prize, University of Florida Graduate Student Forum, Medical Sciences Division, Paper Presentations
- 1995,96,97 Recipient of Grinter Scholarship, University of Florida College of Pharmacy
- 1994,95,97 Recipient of John J. Ryan Trust Fund for Administrative Studies in Pharmacy
- 1993 Recipient of Dalhousie College of Pharmacy, Class of 1993 Leadership Award
- 1993 Recipient of Newsletter Editor's Award, Dalhousie College of Pharmacy
- 1992 Recipient of the William Killorn Award, which is presented annually to one pharmacy student who demonstrates strong leadership skills and excels in academic and extracurricular activities.
- 1992 Recipient of Pharmacy's Canada Centennial Scholar Award, which is presented to one pharmacy student in each of Canada's nine Colleges of Pharmacy, based on academic achievement, participation and leadership in student activities.

PROFESSIONAL AFFILIATIONS

Academy of Managed Care Pharmacy (AMCP)
American Association of Colleges of Pharmacy (ACCP)
American Association of University Administrators (AAUA)
American College of Healthcare Executives (ACHE) (Faculty Associate)
American Pharmacists Association (APhA)
American Society of Health-System Pharmacists (ASHP)
Canadian Society of Hospital Pharmacists (CSHP)
Kappa Psi Pharmaceutical Fraternity, Beta Phi Chapter
National Academies of Practice (NAP)

Ohio Pharmacists Association (OPA)

Ohio Society of Health-System Pharmacists (OSHP)

Phi Lambda Sigma (national pharmacy leadership society) (PLS), Alpha Omicron Chapter

Rho Chi Pharmacy Honor Society

Veteran Apothecaries Association of Cincinnati (VAAC)

PRESENTATIONS

Oral Presentations (presenter underlined)

P1. "**Community Pharmacy Residency Program: A Survey To Determine The Needs And Characteristics**" MacKinnon NJ, Whelan AM, Graham K. Canadian Pharmaceutical Association Annual Meeting, Victoria, British Columbia, May 1993.

P2. "**Innovative Quality Approaches in Asthma Management**" MacKinnon NJ. 10th Annual Great Lakes Pharmacy Resident Conference, Madison, WI, April 1995.

P3. "**Managed Care: Implications for Pharmacy**" MacKinnon NJ. Pharmacy Department Presentation, Victoria General Hospital, Halifax, Nova Scotia, July 1995.

P4. "**Disease State Management: An Emerging Opportunity For Pharmacists**" MacKinnon NJ. Pharmacy Department Presentation, Issac Walton Killam Hospital, Halifax, Nova Scotia, Aug 1995.

P5. "**Performance Indicators for Community Pharmacy**" MacKinnon NJ. University of Florida Graduate Student Forum, Mar 1996; University of Florida College of Pharmacy, 9th Annual Research Showcase and Awards Recognition Day, April 1996.

P6. "**Performance Indicators for Community Pharmacy**" MacKinnon NJ. Canadian Pharmaceutical Association Annual Meeting, Calgary, Alberta, May 1996.

P7. "**Disease Management: Transforming Theory into Practice**" Kernodle SJ, MacKinnon NJ. Pharmacy Department Presentation. University of Texas Medical Branch at Galveston, Sept 1996.

P8. "**Managed Care: Tools to Survive and Thrive**" MacKinnon NJ. Faculty Presentation. Dalhousie University College of Pharmacy, Halifax, Nova Scotia, Dec 1996.

P9. "**How To Establish Your Own Cardiovascular Disease Management Program**" MacKinnon NJ. Faculty and student body presentation, Dalhousie University College of Pharmacy, Halifax, Nova Scotia; **Pugsley Lecture**, Pharmacist Continuing Education Refresher Course, Dartmouth, Nova Scotia, Oct 1997.

P10. **"How To Survive Managed Care: A Pharmacy Student's Guide for Success"** MacKinnon NJ. Professional Development Weekend, Canadian Association of Pharmacy Students and Interns, Halifax, Nova Scotia, Feb 1998.

P11. **"Criminal Prosecution for Dispensing Errors: A Wake-Up Call for Pharmacy Quality Assurance"** Brushwood D, Baker K, MacKinnon NJ. American Pharmaceutical Association Annual Meeting and Exposition, Miami Beach, Florida, Mar 1998.

P12. **"Clinical Decision Support Systems for Pharmacy"** MacKinnon NJ. American Society of Health-System Pharmacists Annual Meeting, Baltimore, MD, June 1998.

P13. **"Drug Therapy Management Program"** MacKinnon NJ. From Evidence Through C.Q.I. to Outcomes – Part II. The Medbuy Workshop. St. Andrews, NB, Sept 1998.

P14. **"PICQIP (Performance Indicators for Continuous Quality Improvement in Pharmacy) Progress Report"** MacKinnon NJ. American Pharmaceutical Association Meeting, San Antonio, TX, Mar 1999.

P15. **"Targeting the Dark Side of Drugs: How to Identify Older Persons at Risk of Preventable Drug-Related Morbidity"** MacKinnon NJ. Geriatric Academic Rounds, Queen Elizabeth II Hospital, Halifax, NS, Mar 1999.

P16. **"Risk Assessment of Preventable Drug-Related Morbidity in Older Persons"** MacKinnon NJ. Wintergreen Research Conference, Wintergreen, Virginia, May 1999.

P17. **"Risk Assessment of Preventable Drug-Related Morbidity in Older Persons"** MacKinnon NJ. Wintergreen Research Conference, Wintergreen, Virginia, May 1999.

P18. **"Improving Performance in a Pharmaceutical Care System: Indicators, Standards and Databases"** MacKinnon NJ. American Pharmaceutical Association Foundation Advanced Practice Institute, Gainesville, FL, July 1999.

P19. **"Improving Performance in a Pharmaceutical Care System: How to Develop Your Own QI System"** Hepler CD, MacKinnon NJ. American Pharmaceutical Association Foundation Advanced Practice Institute, Gainesville, FL, July 1999.

P20. **"Report Cards for Pharmacy: What You Need To Know"** MacKinnon NJ. Dalhousie University College of Pharmacy Refresher Course, Dartmouth, NS, Oct 1999.

P21. **"Building Bridges to Other Sectors: Focus on Pharmacy"** MacKinnon NJ. Canadian Home Care Association Annual Meeting, Opening Plenary Session, Toronto, Ontario, Nov 1999.

P22. **"A Guide to Outcomes Management for Hospital Pharmacy Managers"** MacKinnon NJ. Nova Scotia Association of Hospital Pharmacy Managers Pharmacy Management Seminar, White Point Beach, NS, Mar 2000.

P23. **"Self-Assessment of Learning Needs by Nova Scotia's Hospital Pharmacy Managers"** MacKinnon NJ. Nova Scotia Association of Hospital Pharmacy Managers Pharmacy Management Seminar, White Point Beach, NS, Mar 2000.

P24. **"Preventable Drug-Related Morbidity in Older Adults in Nova Scotia: Identification of Risk Factors and Relationship to Health Care Resource Utilization"** MacKinnon NJ. Health Outcomes Research Symposium, Queen Elizabeth II Health Science Centre, Halifax, NS, Apr 2000.

P25. **"The State of Medication Use Performance Measurement in Canada"** MacKinnon NJ. Canadian Association of Population Therapeutics Annual Meeting, Montreal, PQ, May 2000.

P26. **"Using New Technology in Teaching: A Mission Impossible?"** MacKinnon NJ. Canadian Teachers of Pharmacy Administration Annual Meeting, Charlevoix, PQ, June 2000.

P27. **"Problems With The Medication Use Process And Suggestions For Improvement"** MacKinnon NJ. Merck Frosst, Patient Health Management Department Meeting, Montreal, PQ, June 2000.

P28. **"The Buck Stops Here: Applying Pharmacoeconomics and Performance Measurement to Community Pharmacy "** MacKinnon NJ. Pharmasave National Work Well Training 2000, Mississauga, ON, June 2000.

P29. **"Improving Performance in a Pharmaceutical Care System: How to Develop Your Own QI System"** Hepler CD, MacKinnon NJ. American Pharmaceutical Association Foundation Advanced Practice Institute, Gainesville, FL, July 2000.

P30. **"Improving Performance in a Pharmaceutical Care System: Indicators, Standards and Databases"** MacKinnon NJ. American Pharmaceutical Association Foundation Advanced Practice Institute, Gainesville, FL, July 2000.

P31. **"Pharmacy Report Cards: A Survival Guide"** MacKinnon NJ. Lawtons Drugs Stores and Sobeys Pharmacies Head Office Staff Meeting. Dartmouth, NS, Sept 2000.

P32. **"Responding to Opportunities in Our Environment: Can Pharmacies Survive and Thrive?"** MacKinnon NJ. Atlantic Pharmasave Owners' Retreat, Mill River, PEI, Sept 2000.

P33. "Preventable Drug-Related Morbidity and the Need for Pharmacoeconomics"

MacKinnon NJ. Atlantic Canadian Conference on Pharmacoeconomics and Drug Benefit Management, Dartmouth, NS, Oct 2000.

P34. "Incorporating Disease Management into the Pharmacy Curriculum: Transforming Theory to Practice"

MacKinnon NJ. Faculty Presentation. Université de Montréal Faculté de Pharmacie, Montreal, PQ, Dec 2000.

P35. "Pharmacy Report Cards: The Canadian Experience"

MacKinnon NJ. American Pharmaceutical Association Pharmacy Services Benchmarking Steering Committee, Baltimore, MD, Jan 2001.

P36. "Using Quality of Life in Your Daily Practice"

MacKinnon NJ. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, Feb 2001.

P37. "How Do I Apply Evidence-Based Clinical Practice in Disease Management? Implications for Teaching"

MacKinnon NJ. Canadian Heads of Pharmacy Curriculum Committees, Workshop on Pharmacy Curriculum Issues, Montreal, PQ, Feb 2001.

P38. "Medication Use Issues in Society"

MacKinnon NJ. **Keynote Speaker**, Conference on Improving Medication Use Through Pharmacists' Access to Patient Specific Health Care Information, Bethesda, MD, Mar 2001.

P39. "Medication Safety: An Oxymoron or an Attainable Goal?"

MacKinnon NJ. New Brunswick Pharmacy Conference, St. Andrews, NB, May 2001.

P40. "The Value of Pharmaceuticals and Pharmacy Services"

MacKinnon NJ. Leadership in Healthcare Administration for Pharmacists Conference, Phoenix, AZ, May 2001.

P41. "Responding to Opportunities in Our Environment: Can Pharmacies Survive and Thrive?"

MacKinnon NJ. Cape Breton Pharmasave Stores Staff Presentation, Sydney, NS, June 2001.

P42. "Creation of Indicators of Preventable Drug-Related Morbidity in Older Adults and Implications for Pharmacy Practice"

MacKinnon NJ, Robertson H, Tonks R Association of Faculties of Pharmacy of Canada (AFPC) Conference, Pharmacy Practice Research Symposium, Ottawa, ON, June 2001.

P43. "Preventable Drug-Related Morbidity in the Elderly: Implications for Academics and Clinicians"

MacKinnon NJ. American Association of Colleges of Pharmacy (AACP) Annual Meeting, Toronto, ON, July 2001.

P44. **“Do Canada’s Hospital Pharmacy Managers Have The Skills They Need? Results from a National Survey.”** MacKinnon NJ, Axworthy S*. Canadian Society of Hospital Pharmacists Annual General Meeting, Halifax, NS, Aug 2001.

P45. **“Adverse Drug-Related Outcomes in the Elderly: The Next Pandemic?”** MacKinnon NJ, MacKnight C. Internal Medicine Grand Rounds, Queen Elizabeth II Health Sciences Centre, Halifax, NS, Sept 2001.

P46. **“Pharmacist-Directed Seamless Care: A Panel Discussion”** MacKinnon NJ. New Brunswick Seamless Care Workshop 2001, Fredericton, NB, Sept 2001.

P47. **“Pharmacy Administration Research at Dalhousie University”** MacKinnon NJ. Department of Pharmacy Health Care Administration Research Seminar, University of Florida, Gainesville, FL, Oct 2001.

P48. **“Preventable Drug-Related Morbidity in Older Adults”** MacKinnon NJ, Robertson H, Tonks R. American College of Clinical Pharmacy Annual Meeting, Tampa, FL, Oct 2001.

P49. **“Addressing Pharmaceutical Cost Drivers in the Nursing Home Setting”** MacKinnon NJ, Flanagan PS*. Nova Scotia Association of Health Organizations, Continuing Care Forum, Truro, NS, Nov 2001.

P50. **“Pharmacy Management Skills Needed Now and in 2020”** MacKinnon NJ. Pharmacy Clinical Services Seminar, Operational Medicine Conference, Department of National Defence, Halifax, NS, Nov 2001.

P51. **“Strategies to Strengthen the Medication Use System”** MacKinnon NJ. Institute for International Research, Conference on Drug Safety. Toronto, ON, Dec 2001.

P52. **“Current and Future Trends in Disease/Health Management”** MacKinnon NJ. Aventis Health Management Advisory Board Meeting, Vancouver, BC, Mar 2002.

P53. **“Preventable Drug-Related Morbidity and Mortality in Older Adults: A Canadian Cost-of-Illness Model”** Kidney T*, MacKinnon NJ. Canadian Pharmacists Association (CPhA) Annual Meeting, Winnipeg, MB, May 2002.

P54. **“Preventable Drug-Related Morbidity and Mortality in Older Adults: A Canadian Cost-of-Illness Model”** Kidney T*, MacKinnon NJ. Canadian Health Economics Research Association (CHERA) Annual Meeting, Halifax, NS, May 2002.

P55. **“Health Services Research: Evaluating the Quality of Medication Use and Pharmacy Services in Atlantic Canada ”** MacKinnon NJ. Association of Faculties of Pharmacy of Canada (AFPC) Conference, Pharmacy Practice Research Symposium, Winnipeg, MB, May 2002.

P56. **“Seamless Care: From The Ship Hector to Today”** MacKinnon NJ. **Keynote Speaker**, Pictou County Hospital and Community Pharmacists Liaison Committee Seamless Care Conference, Pictou, NS, May 2002.

P57. **“Seamless Care: It Is More Than Just Simply The Right Thing To Do”** MacKinnon NJ. Dalhousie University Pharmacist Continuing Education Evening, Kentville, NS, May 2002.

P58. **“Seamless Care: It Is More Than Just Simply The Right Thing To Do”** MacKinnon NJ. New Brunswick Pharmacists Association Annual Meeting, Saint John, NB, June 2002.

P59. **“Outcome Analysis of a Pharmacist-Directed Seamless Care Service: A Randomized-Controlled Trial”** MacKinnon NJ, Nickerson A, Saulnier L, Roberts N. Dr. Donald MacLellan Research Day, Moncton Hospital, Moncton, NB, June 2002.

P60. **“Initiatives to Improve Medication Use Management in Seniors”** Flanagan PS*, MacKinnon NJ. Medication Awareness Committee, Seniors Secretariat, Nova Scotia Department of Health, Halifax, NS, Aug 2002.

P61. **“Performance Measurement of Pharmacy Services in Long-Term Care Facilities”** Flanagan PS*, MacKinnon NJ. Lawtons Drugs and Sobeys Pharmacies Training Program for Long-Term Care Pharmacists, Dartmouth, NS, Sept 2002.

P62. **“Outcome Analysis of a Pharmacist-Directed Seamless Care Service: A Randomized-Controlled Trial”** MacKinnon NJ, Nickerson A, Saulnier L, Roberts N. Canadian Geriatrics Society Annual Meeting, Montreal, PQ, Oct 2002.

P63. **“Seamless Care: It Is More Than Just Simply The Right Thing To Do”** MacKinnon NJ. Pharmacist Continuing Education Event, Halifax, NS, Nov 2002.

P64. **“Outcome Analysis of a Pharmacist-Directed Seamless Care Service: A Randomized-Controlled Trial”** MacKinnon NJ, Nickerson A, Saulnier L, Roberts N. IMPART Research Seminar, Dalhousie University, Halifax, NS, Nov 2002.

P65. **“Seamless Care: What Every Pharmacy Student Needs To Know”** Nickerson A, MacKinnon NJ. Professional Development Weekend, Canadian Association of Pharmacy Students and Interns, Halifax, NS, Jan 2003.

P66. **“Coxib Use In The Real World And Strategies For Improvement”** MacKinnon NJ. Atlantic Blue Cross Care Medication Advisory Panel Steering Committee, Moncton, NB, April 2003.

P67. **“Chronic Drug Therapy: A Double-Edged Sword”** MacKinnon NJ. Canadian Pharmacists Association Annual Meeting, Opening Plenary Session, Vancouver, BC, June 2003.

P68. **“Outcome Analysis of a Pharmacist-Directed Seamless Care Service: A Randomized-Controlled Trial”** MacKinnon NJ, Nickerson A, Saulnier L, Roberts N. Canadian Pharmacists Association Annual Meeting, Vancouver, BC, June 2003.

P69. **“The Pandemic of Preventable Drug-Related Morbidity: Our Medication Use System in Crisis”** MacKinnon NJ. Canadian Society of Hospital Pharmacists Annual General Meeting, St.John’s, NF, Aug 2003.

P70. **“Disease and Health Management: Issues and Opportunities”** MacKinnon NJ. Aventis Pharma Inc, Montreal, PQ, Oct 2003.

P71. **“Update on Disease Management Initiatives in Canada”** MacKinnon NJ. Aventis Health Management Advisory Board Meeting, Montreal, PQ, Dec 2003.

P72. **“Perspectives on Education”** MacKinnon NJ. (Panel Member). The 13th Annual Celebration of University Teaching, Dalhousie University, Halifax, NS, Feb 2004.

P73. **“Medication Safety: An Oxymoron? Challenges in the Medication Use System and Strategies for Improvement”** MacKinnon NJ. Canadian Society of Hospital Pharmacists 30th Annual Banff Seminar, Banff, AB, Mar 2004.

P74. **Improving the Medication Use System: An Update on Medication Safety Research in Nova Scotia and Across Canada”** MacKinnon NJ. IMPART Research Seminar, Dalhousie University, Halifax, NS, Apr 2004.

P75. **“Which Seniors Are At Risk To Experience A Preventable Drug-Related Morbidity? The Results From A Nova Scotia Study”** MacKinnon NJ, Flanagan P*. Canadian Society of Hospital Pharmacists, Nova Scotia Branch, Annual General Meeting, Halifax, NS, May 2004.

P76. **“Development of a Risk Scoring Algorithm for Preventable Drug-Related Morbidity”** MacKinnon NJ, Hartnell N*. Canadian Association for Population Therapeutics Annual Conference, Winnipeg, MB, June 2004.

P77. **“Medication Safety: What Every Pharmacy Student Needs to Know”** MacKinnon NJ, Hartnell NR*. 50th International Pharmaceutical Students Federation Annual Congress, Halifax, NS, July 2004.

P78. **“Medication Safety: An Oxymoron? Challenges in the Medication Use System and Strategies for Improvement”** MacKinnon NJ. Community Pharmacist CE Event, Oak Island, NS, Sept 2004.

P79. **“Seamless Care 101: The Essentials”** MacKinnon NJ. Atherothrombosis and Seamless Care Pharmacy National Advisory Board, Bristol-Myers Squibb and Sanofi, Montreal, PQ, Sept 2004.

P80. **“Assessing the Quality of Medication Use in the Long-Term Care Setting”** MacKinnon NJ. Medical Therapeutics Committee, Oceanview Manor, Eastern Passage, NS, Sept 2004.

P81. **“Clinical Indicators of Preventable Drug-Related Morbidity: Tools to Improve Quality & Patient Safety”** MacKinnon NJ, McCaffrey K*. Patient Safety Advisory Group, Capital Health, Halifax, NS, Sept 2004.

P82. **“Does My Pharmacy Provide Quality Patient Care?”** MacKinnon NJ. Joint NABP/AACP Meeting, Saint John, NB, Oct 2004.

P83. **“The Road to Successful Career Management”** MacKinnon NJ. EVOLVE: The First Annual Profession Awareness Day, Halifax, NS, Oct 2004.

P84. **“Preventable Drug-Related Morbidity: An Update”** MacKinnon NJ. Geriatric Academic Rounds, Queen Elizabeth II Hospital, Halifax, NS, Dec 2004.

P85. **“Preventable Drug-Related Morbidity: The Canadian Experience”** MacKinnon NJ. University of Tennessee College of Pharmacy, Memphis, TN, Feb 2005.

P86. **“Wellness/Prevention: What Does It Mean To You?”** MacKinnon NJ. Panel Discussion. Atlantic Blue Cross Care Corporate Account Seminar, Halifax, NS, Feb 2005.

P87. **“Strategies for Improving the Medication Use System”** MacKinnon NJ. Palm Beach Atlantic University Lloyd L Gregory School of Pharmacy, West Palm Beach, FL, Mar 2005.

P88. **“Medication Errors”** MacKinnon NJ. Safety in Health Care Conference, Dartmouth, NS, May 19, 2005.

P89. **“National and International Issues in Medication Safety”** MacKinnon NJ. Health Canada, Health Products and Food Branch, Public Advisory Committee, Halifax, NS, May 27, 2005.

P90. **“Impact of Drug Policy Tools and Techniques on Economic, Clinical and Humanistic Outcomes in Canada”** MacKinnon NJ. Merck Frosst Canada, Montreal, PQ, June 2005.

P91. **“Improving the Safety and Effectiveness of the Medication Use System in Atlantic Canada”** MacKinnon NJ. Canadian Society of Hospital Pharmacists – Newfoundland and Labrador Branch/Pharmacists’ Association of Newfoundland & Labrador Joint Education Session, St. John’s, NL, June 2005.

P92. **“Medication Reconciliation and Seamless Care”** MacKinnon NJ. Staff education. Dr. H. Bliss Murphy Cancer Centre, St. John’s, NL, June 2005.

P93. **“Health System Performance Indicators: Where Do Pharmaceuticals Fit?”** MacKinnon NJ, Sproule J, McCaffrey K*. Canadian Association for Health Services and Policy Research (CAHSPR) 2005 Conference, Montreal, PQ, Sept 2005.

P94. **“Effectively Targeting Safety and Quality in the Medication Use System”** MacKinnon NJ, Faris R, MacKinnon GE III. Academy of Managed Care Pharmacy Educational Meeting, Nashville, TN, Oct 2005.

P95. **“Medication Reconciliation and a Seamless Medication Use System”** MacKinnon NJ. Ontario node meeting of the *Safer Healthcare Now!* campaign, Toronto, ON, Nov 2005.

P96. **“A Prescription for Medication Safety”** MacKinnon NJ. Nova Scotia Association of Health Organizations Continuing Care Conference 2006, Halifax, NS, Mar 2006.

P97. **“Leadership in Pharmacy”** MacKinnon NJ. **The Richard A. Merrett Memorial Lecture**, The 23rd Annual Hospital Pharmacy Management Seminar (Maritime Provinces), Oak Island, NS, May 2006.

P98. **“Addressing the Hospital Pharmacy Management Crisis: Development of Strategies & Solutions”** MacKinnon NJ, Bowles S, Thompson A, Vaillancourt R, Roy M. Canadian Pharmacists Association Annual Conference, Edmonton, AB, June 2006.

P99. **“Seamless Care Systems”** MacKinnon NJ. **Keynote Address**, International Pharmaceutical Federation (FIP) Annual Congress. Salvador, Bahia, Brazil, Aug 2006.

P100. **“Leadership in Hospital Pharmacy Management”** MacKinnon NJ. Saskatchewan/Manitoba Hospital Pharmacy Management Seminar, Duck Mountain Provincial Park, SK, Sept 2006.

P101. **“What Satisfies Hospital Pharmacy Management (at Work)?”** MacKinnon NJ. Saskatchewan/Manitoba Hospital Pharmacy Management Seminar, Duck Mountain Provincial Park, SK, Sept 2006.

P102. **“Safe and Effective? A Closer Look at the Medication Use System”** MacKinnon NJ. Canadian Society of Hospital Pharmacists – Saskatchewan Branch, Annual General Meeting, Regina, SK, Oct 2006.

P103. **“Finding Your Passion for Pharmacy”** MacKinnon NJ. Canadian Society of Hospital Pharmacists – Saskatchewan Branch, Annual General Meeting, Regina, SK, Oct 2006.

P104. **“Safe and Effective? A Closer Look at the Medication Use System”** MacKinnon NJ. **Keynote Address**, Medication Seamless Care – Patient Safety Conference, Sydney, NS, Oct 2006.

P105. **“Seamless Care Systems”** MacKinnon NJ. 12th Annual Pharmacy Conference, Universidad Central de Venezuela, Caracas, Venezuela, Oct 2006.

P106. **“Evaluation of a Pharmacist-Directed Seamless Care Service: A Randomized, Controlled Trial”** Nickerson A, MacKinnon NJ, Saulnier L, Roberts N. American Society of Consultant Pharmacists 37th Annual Meeting and Exhibition, Phoenix, AZ, Nov 2006.

P107. **“Drugs and Injurious Falls in Acute Hospital Admissions”** Ackroyd-Stolarz S, MacKinnon NJ, Sabo B. American Society of Consultant Pharmacists 37th Annual Meeting and Exhibition, Phoenix, AZ, Nov 2006.

P108. **“Keeping Current With Medication Safety Research: What Do Hospital Pharmacists Need To Know?”** MacKinnon NJ. **Opening Plenary Session**, Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, January 2007.

P109. **“The Case for Medication Reconciliation”** MacKinnon NJ. University of Wisconsin Hospital and Clinics, Madison, WI, Apr 2007.

P110. **“Career Planning and Leadership”** MacKinnon NJ. University of Wisconsin Hospital and Clinics, Madison, WI, Apr 2007.

P111. **“Seamless Care Systems”** MacKinnon NJ. **Opening Plenary Session**. Pharmacy Society of Wisconsin Educational Meeting, Madison, WI, Apr 2007.

P112. **“The Evidence for Prospective Medication Reconciliation”** MacKinnon NJ. American Geriatrics Society Annual Scientific Meeting, Seattle, WA, May 2007.

P113. **“A Qualitative Study of Physician and Pharmacist Perspectives on Prior Authorization Policies of the Nova Scotia Pharmacare Programs”** Shipp K, MacKinnon NJ, McPhee J, Twohig P. Canadian Association of Population Therapeutics (CAPT) 4th Canadian Therapeutics Congress, Halifax, NS, May 2007.

P114. **“Safe and Effective – Elements of an Optimal Medication-Use System”** MacKinnon NJ. Canadian Pharmacists Association Annual General Meeting, Ottawa, ON, June 2007.

P115. **“Medication Safety Issues in Hospital Pharmacy Management”** MacKinnon NJ. Provincial Drug Distribution Program (PDDP) pre-meeting symposium, Halifax, NS, Oct 2007.

P116. **“Integration of Research into Practice”** MacKinnon NJ. **Keynote Address**. Society of Hospital Pharmacists of Australia Federal Conference, Sydney, Australia, Nov 2007.

P117. **“Leadership Agenda for Pharmacy”** MacKinnon NJ. **Plenary Session**. Society of Hospital Pharmacists of Australia Federal Conference, Sydney, Australia, Nov 2007.

- P118. **“Leadership in Hospital Pharmacy Management”** MacKinnon NJ. British Columbia Hospital Pharmacy Management Seminar, Vancouver, BC, Nov 2007.
- P119. **“Job Satisfaction and Career Planning”** MacKinnon NJ. British Columbia Hospital Pharmacy Management Seminar, Vancouver, BC, Nov 2007.
- P120. **“The Safety Dance”** MacKinnon NJ. **Opening Plenary Session**, Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, Jan 2008.
- P121. **“Safety on the Slopes: Your Medication Safety Update”** MacKinnon NJ. Canadian Society of Hospital Pharmacists 34th Annual Banff Seminar, Banff, AB, Mar 2008.
- P122. **“An Overview of the new book, *Safe & Effective*”** MacKinnon NJ. Rx&D Atlantic Educational Session, Halifax, NS, Apr 2008.
- P123. **“Issues in the Pharmaceutical Landscape”** MacKinnon NJ. 2008 Leadership, Health & Productivity Conference, Medavie Blue Cross, Moncton, NB, Apr 2008.
- P124. **“Is a prolonged stay in the Emergency Department associated with adverse events in older patients?”** Ackroyd-Stolarz S*, Guernsey J, MacKinnon N, Kovacs G. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Washington, DC, May 2008.
- P125. **“Is a prolonged stay in the Emergency Department associated with adverse events in older patients?”** Ackroyd-Stolarz S*, Guernsey J, MacKinnon N, Kovacs G. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Conference, Ottawa, ON, June 2008.
- P126. **“Qualitative and Quantitative Approaches to Understanding Drug Management Policies”** MacKinnon NJ. Drug Policy Research Group Seminar, Harvard Medical School, Boston, MA, Apr 2008.
- P127. **“Qualitative and Quantitative Approaches to Understanding Drug Management Policies”** MacKinnon NJ. Harkness Fellowship Final Reporting Session, Washington, DC, June 2008.
- P128. **“How to Reduce Your Risk of a Medication Error”** MacKinnon NJ. Dalhousie University Excellence in Health Public Lecture Series, Halifax, NS, June 2008.
- P129. **“The Interesting Times of Drug Policy in Canada”** MacKinnon NJ. GlaxoSmithKline National Meeting, Halifax, NS, June 2008.
- P130. **“Balancing Cost, Quality, Safety and Access: Issues in Drug Benefit Management”** MacKinnon NJ. Luedey Consultants Inc. Annual Health Benefits Workshop, Halifax, NS, June 2008.

P131. **“Linking Canadian Patient Safety Initiatives and Experiential Education”** MacKinnon NJ, Lee A. American Association of Colleges of Pharmacy/Association of Faculties of Pharmacy of Canada Meeting, Chicago, IL, July 2008.

P132. **“Unsafe and Ineffective? A Close Look at Our Medication-Use System”** MacKinnon NJ. Western University of Health Sciences, Pomona, CA, USA, Oct 2008.

P133. **“Managing Medications & QMENTUM: Can We Measure Up?”** MacKinnon NJ. HealthAchieve 2008, Ontario Hospital Association Annual Meeting, Toronto, ON, Nov 2008.

P134. **“Do Hospital Pharmacists Really Make A Difference?”** MacKinnon NJ. Department of Pharmacy Staff Retreat, Hamilton Health Sciences Centre, Hamilton, ON, Nov 2008.

P135. **“How Pharmacists Can Be Happy, Valued and Loved: Overcoming Challenges and Optimizing Our Role”** MacKinnon NJ. Local Health Integration Network (LHIN) Region 4 Pharmacist Meeting, Hamilton, ON, Nov 2008.

P136. **“Medication Safety Research in Canada”** MacKinnon NJ. Center of Excellence for Patient Safety Research and Practice, Research Seminar Series, Brigham and Women's Hospital, Boston, MA, Nov 2008.

P137. **“Medication Safety in Acute Care: An Acute Crisis?”** MacKinnon NJ. **Keynote Address.** Advancing Safe Medication Practices in Acute Care Conference, Halifax, NS, Nov 2008.

P138. **“Advancing or Retreating? Taking on the Medication-Use System”** MacKinnon NJ. **Keynote Address.** Advancing Safe Medication Practices in Long-Term Care Conference, Halifax, NS, Nov 2008.

P139. **“What Satisfies Health-System Pharmacy Management (at Work)?”** MacKinnon NJ. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2008.

P140. **“A Knowledge Brokerage Model for Patient Safety in Canada”** MacKinnon NJ. Canadian Patient Safety Board meeting, Montreal, PQ, Jan 2009.

P141. **“A Look at Canadian Drug Policy: Implications for Decision-Makers, Clinicians and Researchers”** MacKinnon NJ, Poston J. Canadian Health Services Research Foundation, Researcher on Call national conference call, Jan 2009.

P142. **“Primary Care & Patient Safety”** MacKinnon NJ. **Plenary Session.** Accelerating Primary Care 2009, Edmonton, AB, Feb 2009.

P143. **“The Patient Safety Movement and Implications for the Profession of Pharmacy”** MacKinnon NJ. **The Michael J. Ordman Memorial Lecture**, The Massachusetts College of Pharmacy and Health Sciences, Boston, MA, Mar 2009.

P144. **“Current Controversies in Canadian Drug Policy”** MacKinnon NJ. Canadian Association of Population Therapeutics Annual Conference, Montreal, PQ, Apr 2009.

P145. **“A Decade After Leaving Gainesville: Lessons Learned For Fostering a Vibrant Research Program”** MacKinnon NJ. University of Florida College of Pharmacy, Department of Pharmaceutical Outcomes and Policy Research Seminar, Gainesville, FL, Apr 2009.

P146. **“Patient Counseling: A Canadian Perspective”** MacKinnon NJ. National Association of Boards of Pharmacy Annual Meeting, Miami, FL, May 2009.

P147. **“Change Management and Pharmacy”** MacKinnon NJ. **Keynote Presentation**. New Brunswick Pharmacists Association Annual General Conference, Moncton, NB, May 2009.

P148. **“SafetyNET: A Pilot Project for Medication Safety Improvement in Community Pharmacies”** Deal H, Higgins S, MacKinnon NJ, Boyle T, Brushwood D, Zwicker B, Mahaffey T. Canadian Pharmacists Association Annual General Meeting, Halifax, NS, June 2009.

P149. **“Hospital Pharmacist Perceptions of Barriers and Incentives to Medication Error Reporting”** Hartnell N, MacKinnon NJ, Sketris I. Canadian Pharmacists Association Annual General Meeting, Halifax, NS, June 2009.

P150. **“Self-Reported Medical Errors in Seven Countries: Implications for Pharmacy”** MacKinnon NJ, O’Hagan J, Persaud D, Etchegary H. Canadian Pharmacists Association Annual General Meeting, Halifax, NS, June 2009.

P151. **“Pharmacy Practice Research in Canada: Looking Back, Looking Ahead”** MacKinnon NJ. Canadian Pharmacy Practice Research Group Annual Meeting, Halifax, NS, June 2009.

P152. **“Bridging the Gap Between Quality Management and Retail Pharmacy: A Pilot Study”** Mahaffey T, Boyle T, Hallstrom L, MacKinnon NJ. 16th International Conference on Recent Advances in Retailing and Consumer Services Science, Niagara Falls, ON, July 2009.

P153. **“Pharmacy Controversies and Issues Forum”** MacKinnon NJ, Koshman S, Wong G. Canadian Society of Hospital Pharmacists Summer Educational Sessions, **Opening Plenary Session**, Winnipeg, MB, Aug 2009.

P154. **“The Challenge of Reducing Preventable Adverse Drug Events”** MacKinnon NJ. The British Pharmaceutical Conference 2009, Manchester, UK, Sept 2009.

P155. **“From Morrissey to Dennis Quaid: An Unsafe and Ineffective Medication-Use System?”** MacKinnon NJ. The University of Manchester School of Pharmacy and Pharmaceutical Sciences, Manchester, UK, Sept 2009.

P156. **“Improving Medication Safety with Respect, Integrity, Excellence and Compassion”** MacKinnon NJ. Revera Clinical Conference, Mississauga, ON, Sept 2009.

P157. **“Patient safety and the Impact of eHealth on the Patient”** MacKinnon NJ. Teachers of Pharmacy Administration Conference, Montreal, PQ, Oct 2009.

P158. **“Employer ROI on Health Initiatives.”** MacKinnon NJ. Forum on Wellness Programs for Large Ontario Employers, Mississauga, ON, Oct 2009.

P159. **“Adherence in Community Pharmacy: Reflections and Challenges.”** MacKinnon NJ. **Keynote Address.** 4th Annual Rx Connect Adherence Symposium, Rx Canada, Mississauga, ON, Nov 2009.

P160. **“When Medicine Harms: A Research Program in Patient Safety”** MacKinnon NJ. Dalhousie University Faculty of Medicine, Department of Community Health & Epidemiology Seminar Series, Halifax, NS, Dec 2009.

P161. **“ASHP 2015 and CSHP 2015”** MacKinnon NJ. American Society of Health-System Pharmacists Clinical Midyear Meeting, Las Vegas, NV, Dec 2009.

P162. **“Real Versus Ideal: Career Expectations of Pharmacy Students”** MacKinnon NJ. American Society of Health-System Pharmacists Clinical Midyear Meeting, Las Vegas, NV, Dec 2009.

P163. **“Ten Things You Really Need to Know About CSHP 2015”** MacKinnon NJ. Canadian Society of Hospital Pharmacists Pharmacy Practice Conference, Toronto, ON, Feb 2010.

P164. **“Evaluating Wellness Programs: How To Guarantee Failure.”** MacKinnon NJ. 9th Annual Healthy Outcomes Conference, Mont Tremblant, PQ, April 2010.

P165. **“Health Professionals, Decision Makers, and Optimal Prescribing: Toward an Effective Strategy For All.”** Shea B, Shortt SED, MacKinnon NJ, Meyhew AD, Allen M. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium, Halifax, NS, April 2010.

P166. **“Patient Safety: Optimizing therapeutics for the patient and the healthcare system.”** MacKinnon NJ. DSECT CIHR team training symposium. Burlington, ON, April 2010.

P167. **“Measuring Impact in a Workplace Setting.”** MacKinnon NJ. **Keynote Speaker.** Connex Health 8th Annual Employer Forum, Ingersoll, ON, May 2010.

P168. **“Opportunities for Patient Management Services.”** Miller D, MacKinnon NJ. Connex Health 8th Annual Employer Forum, Ingersoll, ON, May 2010.

P169. **“CPhA New Practitioner Survey: Results and Implications for Practice”** MacKinnon NJ. Canadian Pharmacists Association Annual Meeting, Calgary, AB, May 2010.

P170. **“Community and Hospital Pharmacists: Excellent Value for Money?”** MacKinnon NJ. Prince Edward Island Pharmacists Association Annual Meeting and Annual Continuing Education Conference, Charlottetown, PEI, May 2010.

P171. **“Leadership Strategies for CSHP 2015”** MacKinnon NJ. **The Richard Merrett Memorial Lecture.** Hospital Pharmacy Management Seminar, Brackley Beach, PEI, June 2010.

P172. **“Funding Your Research”** MacKinnon NJ. Pharmacy Research Skills 101 Series, Capital Health Pharmacy Department, Halifax, NS, June 2010.

P173. **“Leadership Pearls and Strategies”** MacKinnon NJ, Mann J. Canadian Society of Hospital Pharmacists Summer Educational Sessions, Halifax, NS, Aug 2010.

P174. **“The Changing Landscape of Pharmaceuticals”** MacKinnon NJ. **Opening Speaker.** The 33rd Annual Atlantic Employee Benefits Conference, Halifax, NS, Oct 2010.

P175. **“The Future of Drug Plan Management”** Allen P, MacKinnon NJ, Downton J, Church R. Panel Presentation. The 33rd Annual Atlantic Employee Benefits Conference, Halifax, NS, Oct 2010.

P176. **“Community and Hospital Pharmacists: Proven Valuable Resources”** MacKinnon NJ. **The JK Lawton Lecture.** 2010 Dalhousie Pharmacy Refresher and PANS Conference, Halifax, NS, Oct 2010.

P177. **“Incorporating Utility Measures Into Formulary Decision Making”** MacKinnon NJ. Medavie Blue Cross Steering Committee, Moncton, NB, Oct 2010.

P178. **“Pharmacy Practice Research in Canada: A Status Report”** MacKinnon NJ. Canadian Foundation for Pharmacy, Gala Event Celebrating 65 Years, Mississauga, ON, Nov 2010.

P179. **“Recent developments and future directions in community pharmacy in Canada”** MacKinnon NJ. Pharmaceutical Policy Research Collaboration (PPRC) Team Meeting, Toronto, ON, Nov 2010.

P180. **“Take as Directed”** MacKinnon NJ. **The 2011 Dalhousie University Masterminds Lecture,** Halifax, NS, Feb 2011.

P181. **“Chronic Disease Management: The Current Landscape and a Framework for Evaluation”** MacKinnon NJ. Sanofi-Aventis Chronic Disease Management Workshop, Laval, PQ, Feb 2011.

P182. **“Rocky Mountain High: A Vision for Hospital Pharmacy Practice in Canada”** MacKinnon NJ. Plenary Session. Canadian Society of Hospital Pharmacists 37th Annual Banff Seminar, Banff, AB, Mar 2011.

P183. **“How To Take Charge Of Your Health”** MacKinnon NJ, Church R. First Annual Atlantic Health Quality and Patient Safety Conference, Public Outreach Event, Charlottetown, PEI, May 2011.

P184. **“Building on Success: Improving, Sustaining and Spreading Medication Reconciliation”** MacKinnon NJ, Colquhoun M, Saulnier L, Denison D. First Annual Atlantic Health Quality and Patient Safety Conference, Charlottetown, PEI, May 2011.

P185. **“Transitions in Life: Easy, No. Electrifying, Yes.”** MacKinnon NJ. **Dalhousie University Convocation Address**, Halifax, NS, May 2011.

P186. **“Evaluation of a National Community Pharmacy-Based Medication Adherence Program”** MacKinnon NJ. Canadian Pharmacists Association Annual Meeting, Montreal, PQ, May 2011.

P187. **“SafetyNET-Rx: Improving Medication Safety Through Quality Improvement and Integrative IT”** MacKinnon NJ. Canadian Pharmacists Association Annual Meeting, Montreal, PQ, May 2011.

P188. **“Drug Evaluation in Canada”** MacKinnon NJ. **Opening Speaker**. Canadian Leadership Council on Drug Evaluation Meeting, Toronto, ON, June 2011.

P189. **“Rural Health Issues and Solutions”** MacKinnon NJ. University of Saskatchewan College of Pharmacy and Nutrition, Saskatoon, SK, Sept 2011.

P190. **“Implications of the Rx Revolution: The Changing Scope of Practice of Pharmacists”** MacKinnon NJ. Health Law Institute Seminar series, Dalhousie University, Halifax, NS, Oct 2011.

P191. **“Enhanced Medication Safety Around Transitions of Care”** MacKinnon NJ. 3rd Annual University of Toronto Centre for Patient Safety Symposium, Toronto, ON, Nov 2011.

P192. **“Trends and Issues in Medication Adherence: Canadian Overview”** MacKinnon NJ. **Keynote Address**. 5th Rx Canada Medication Adherence Symposium, Mississauga, ON, Nov 2011.

P193. **“A Vision for Hospital Pharmacy Practice Excellence”** MacKinnon NJ. Pharmacy Staff presentation, Health Sciences Centre, St. John’s, NL, Nov 2011.

P194. **“Patient Safety on the Rock(s)?”** MacKinnon NJ. CSHP Newfoundland Branch CE Day, St. John’s, NL, Nov 2011.

P195. **“Getting To Know Your Centers: Demystifying the Center for Rural Health”** MacKinnon NJ. Faculty seminar presentation, Mel and Enid Zuckerman College of Public Health, Tucson, AZ, Jan 2012.

P196. **“Medication Adherence: A Primer for Community Pharmacy Leaders”** MacKinnon NJ. Pharmacy Leaders in Action Conference, Overwaitea Food Group, Vancouver, BC, Jan 2012.

P197. **“Rural Health Issues in Arizona”** MacKinnon NJ. Colorado Rural Health Office, Aurora, CO, Mar 2012.

P198. **“Quality of Care”** MacKinnon NJ, Theodorou A, Joiner K. Arizona Health Forum, University of Arizona, Tucson, AZ, Mar 2012.

P199. **“Quality Improvement and Patient Safety from an International Perspective”** MacKinnon NJ. New Frontiers in Global Health Leadership, University of Arizona, Tucson, AZ, Mar 2012.

P200. **“Medication Safety Issues for Seniors’ Care”** MacKinnon NJ. Ontario Long Term Care Association (OLTCA) and the Ontario Retirement Communities Association (ORCA) Together We Care Convention & Trade Show 2012, Toronto, ON, Apr 2012.

P201. **“The Critical Role of Pharmacy Technicians in Medication Safety”** MacKinnon NJ. **Keynote Address**. Canadian Association of Pharmacy Technicians Annual Professional Development Conference, Halifax, NS, May 2012.

P202. **“Medication safety implications of standardized CQI programs in community pharmacy”** Duggan K*, Scobie A*, Boyle T, MacKinnon NJ, Mahaffey T. Canadian Pharmacists Association Annual Meeting, Whistler, BC, May 2012.

P203. **“Who Wants To Be A Knowledge Broker?”** MacKinnon NJ. Translational Medicine in Arizona: Networks, Partnerships, and Initiatives. Flagstaff, AZ, June 2012.

P204. **“Qualitative Evaluation of the Canadian Fabry Disease Initiative”** Embrett M, MacKinnon NJ. ASAC (Administrative Sciences Association of Canada) 2012, St. John’s, NL, June 2012.

P205. **"The Easy Button."** MacKinnon NJ. **Bridgewater High School Commencement Address**, Bridgewater, NS, June 2012.

P206. **"Ship to Shore: Successfully Navigating Transitions in Care"** Fernandes O, MacKinnon NJ. **Plenary Session**. Canadian Society of Hospital Pharmacists Summer Educational Sessions, Charlottetown, PEI, Aug 2012.

P207. **"Edge of the Cliff: Primary Care Workforce Issues and the Affordable Care Act in Arizona"** MacKinnon NJ, Derksen D. **Keynote Presentation**. Arizona Practice-Based Interprofessional Research Network: Planning Conference and Meeting, Tucson, AZ, Sept 2012.

P208. **"So You Think You Can Dispense? An In-Depth Look at the Safety of the Medication-Use System."** MacKinnon NJ. The Skaggs School of Pharmacy and Pharmaceutical Sciences. La Jolla, CA, Sept 2012.

P209. **"The New Arizona Community Pharmacy Continuous Quality Assurance Legislation"** Warholak T, MacKinnon NJ, Baker K, Haiber S. Arizona Pharmacy Alliance Community Practice Academy Conference, Phoenix, Sept 2012.

P210. **"Pharmacoeconomic Principles"** MacKinnon NJ. Opening Speaker. Training Program in Health Economics and Pharmacoeconomic Research, HOPE Center, the University of Arizona College of Pharmacy. Tucson, AZ, Sept 2012.

P211. **"The Center for Rural Health: Current Research and Future Initiatives"** MacKinnon NJ. University of Arizona School of Medicine, Family and Community Medicine Research Grand Rounds. Tucson, AZ, Oct 2012.

P212. **"Rural Hospital Pharmacy: Advancing or Retreating?"** MacKinnon NJ. Rural Wisconsin Health Collaborative, Hospital Pharmacy Directors' Roundtable, Sauk City, WI, Oct 2012.

P213. **"From the Desert to the Dairyland: Strategies for Improving Rural Healthcare"** MacKinnon NJ. School of Pharmacy, University of Wisconsin-Madison, Madison, WI, Oct 2012.

P214. **"A Vision for Pharmacy Practice Excellence"** MacKinnon NJ. **Keynote Speaker**. Costco Canada Pharmacy Managers Annual Conference, Mississauga, ON, Oct 2012.

P215. **"What Every Pharmacy Student Needs to Know About Collaborative Care"** MacKinnon NJ, Church R. **Keynote Speakers**. Atlantic Pharmacy Advancement Conference 2012, Halifax, NS, Nov 2012.

P216. **"Challenges and Opportunities in Rural Health Delivery"** MacKinnon NJ. Healthcare Association of Nova Scotia Annual Meeting, Halifax, NS, Nov 2012.

P217. **“Steps for Successful Career and Life Planning”** MacKinnon NJ. Graduate Student Workshop, Mel and Enid Zuckerman College of Public Health, Tucson, AZ, Jan 2013.

P218. **“Pharmacoeconomic Principles”** MacKinnon NJ. Opening Speaker. Training Program in Health Economics and Pharmacoeconomic Research, HOPE Center, the University of Arizona College of Pharmacy. Tucson, AZ, Jan 2013.

P219. **“Pharmacists and Rural Health: The Next Frontier?”** MacKinnon NJ. **The Philip C and Ethel F Ashby Distinguished Lecture**. The University of Oklahoma Health Sciences Center, College of Pharmacy, Oklahoma City, Oklahoma, Mar 2013.

P220. **“Introducing the Arizona Center for Rural Health”** MacKinnon NJ. Mel and Enid Zuckerman College of Public Health Community Advisory Board, Tucson, AZ, April 2013.

P221. **“The Status of Health and Healthcare in Rural Arizona”** MacKinnon NJ. Flinn-Brown Civic Leadership Academy, Flinn Foundation, Phoenix, AZ, April 2013.

P222. **“Opportunities in Rural Community & Hospital Pharmacy”** MacKinnon NJ, Francis A, Hagel H. National Rural Health Association Annual Conference, Louisville, KY, May 2013.

P223. **“Medication-related emergency department visits in pediatrics: a prospective, observational study.”** Zed PJ, Black KJL, Fitzpatrick EA, Ackroyd-Stolarz S, Murphy NG, Curran JA, MacKinnon NJ, Sinclair D. Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, June 2013.

P224. **“Potential Board of Pharmacy/Arizona Pharmacy Association/Academia Partnerships for CQA”** MacKinnon NJ. Arizona Board of Pharmacy meeting, Tucson, AZ, June 2013.

P225. **“Providing hospital pharmacy services to meet the needs of complex patients - Can the Basel Statements help?”** Moles R, Jiang D, Gray A, Penm J, MacKinnon NJ, Ginsburg D. International Pharmaceutical Federation (FIP) Annual Congress. Dublin, Ireland, Sept 2013.

P226. **“Creating the future leaders in pharmacy”** Hindmarsh W, MacKinnon NJ, AH Gek, S Allen. International Pharmaceutical Federation (FIP) Annual Congress. Dublin, Ireland, Sept 2013.

P227. **“Confirming Delivery: A theory of the role of the hospitalized patient in medication administration safety”** Macdonald M, Heilemann MS, MacKinnon NJ, Lang A, Gurnham ME, Fillatre T. International Qualitative Health Research Conference, Halifax, NS, Oct 2013.

P228. **“Obamacare 101: A Canadian’s Experience in US Healthcare Delivery”** MacKinnon NJ. **Excellence in Health Lecture Series**, Dalhousie University School of Health Administration, Halifax, NS, Oct 2013.

P229. **“Strategic Partnerships- How Colleges of Pharmacy Can Collaborate with Small and Rural Hospitals”** MacKinnon NJ. **Small and Rural Hospital Keynote**, American Society of Health-System Pharmacists, Orlando, FL, Dec 2013.

P230. **“The US Healthcare System, Obamacare, and the Role of Pharmacists”** MacKinnon NJ. Chongqing Medical University School of Pharmacy, Chongqing, China, Jan 2014.

P231. **“Faith, Pharmacy and the Future”** MacKinnon NJ. Cedarville University School of Pharmacy, Cedarville, OH, Feb 2014.

P232. **“A How-To Guide to Career and Life Planning”** MacKinnon NJ. Association of Women in Science (AWIS) Cincinnati Chapter, Cincinnati, OH, Feb 2014.

P233. **“North of the Border: Lessons from Healthcare and Pharmacy in Canada”** MacKinnon NJ. Butler County Pharmacists Association, West Chester, OH, Mar 2014.

P234. **“Medication Use and Safety Post Drug Development”** MacKinnon NJ. Masters of Science in Drug Development Seminar Series, James L Winkle College of Pharmacy, University of Cincinnati, Cincinnati, OH, Apr 2014.

P235. **“Reducing Rural and Urban Health Disparities”** MacKinnon NJ. Dalhousie University College of Medicine, Department of Community Health & Epidemiology Seminar Series, Halifax, NS, Apr 2014.

P236. **“Adventures in Health Outcomes Research and Practice”** MacKinnon NJ. Student Chapter of the American College of Clinical Pharmacy, James L Winkle College of Pharmacy, University of Cincinnati, Cincinnati, OH, Sept 2014.

P237. **“How Can We Improve Healthcare In The Rural Setting?”** MacKinnon NJ. St Francis Xavier University, Gerald Schwartz School of Business, Public Lecture, Antigonish, NS, Oct 2014.

P238. **“Career and Life Planning for Pharmacy Residents”** MacKinnon NJ. Pharmacy Resident Teaching Certificate Program, James L Winkle College of Pharmacy, University of Cincinnati, Cincinnati, OH, Nov 2014.

P239. **“Continuous Quality Improvement and Community Pharmacy”** MacKinnon NJ. Ohio Board of Pharmacy, Columbus, Ohio, Dec 2014.

P240. **“Has CSHP 2015 Really Made a Difference? Did We Hit the Target?”** MacKinnon NJ, Fernandes O. Plenary Session, Canadian Society of Hospital Pharmacists Pharmacy Practice Conference, Toronto, ON, Feb 2015.

P241. **“PharmD 2.0- What Does the New Post-Professional Pharm.D. Mean for Me?”** Ackman M, Brown T, Hall J, MacKinnon NJ. Plenary Session, Canadian Society of Hospital Pharmacists Pharmacy Practice Conference, Toronto, ON, Feb 2015.

P242. **“Telehealth In Action”** Doarn C, MacKinnon NJ, Neufeld J, Sanchez A, Watson D. Plenary Session, National Telehealth Conference, Cincinnati, OH, Mar 2015.

P243. **“The United States Healthcare System and Pharmacy Practice”** MacKinnon NJ. China Medical University, Taiwan, June 2015.

P244. **“The United States Healthcare System and Pharmacy Practice”** MacKinnon NJ. Jilin University, China, June 2015.

P245. **“The Patient Safety Movement: Progress to Date and Remaining Challenges”** MacKinnon NJ. Queens University, Kingston, ON, Aug 2015.

P246. **“Enhancing and Understanding the Safety of the Medication-Use System”** MacKinnon NJ. Kingston General Hospital, Kingston, ON, Aug 2015.

P247. **“A Needs Assessment of Hospital Pharmacists for Pharmacy Specialization in Canada”** Penm J*, MacKinnon NJ, Jorgenson D, Smith J. International Pharmaceutical Federation (FIP) Annual Congress. Dusseldorf, Germany, Oct 2015.

P248. **“Minding the Gap: Coordination of Care in 11 Nations”** MacKinnon NJ, Penm J*. Department of Community Health & Epidemiology, Faculty of Medicine, Dalhousie University, Oct 2015.

P249. **“Hospital Pharmacists and Specialization: Results of a National Needs Assessment and Future Directions”** Penm J*, MacKinnon NJ. Canadian Society of Hospital Pharmacists, Nova Scotia Branch, Halifax, NS. Oct 2015.

P250. **“Post-Graduate vs. Entry-Level Pharm.D.”** MacKinnon NJ, Jorgenson D, Virani A, Marshall M. Canadian Society of Hospital Pharmacists Harrison Pharmacy Management Seminar, Harrison, BC. Feb 2016.

P251. **“Pharmacists Specialization in Canada”** MacKinnon NJ, Jorgenson D. Canadian Society of Hospital Pharmacists Harrison Pharmacy Management Seminar, Harrison, BC. Feb 2016.

P252. **“Social Media for Health Professionals”** Bankston K, Hill J, MacKinnon NJ, Norton V. University of Cincinnati College of Nursing, Cincinnati, OH, Mar 2016.

P253. **“Priorities for Evolving the Pharmacy Profession”** Smith J, MacKinnon NJ, Jorgenson D. Pharmacy Thought Leadership Summit, Calgary, AB, June 2016.

P254. **“Pharmacy Practice in the USA”** MacKinnon NJ. University of Concepcion College of Pharmacy, Concepcion, Chile, Sept 2016.

P255. **“Enhancing and Understanding the Safety of the Medication-Use System”** MacKinnon NJ, Hincapie A, Penm J. James L Winkle College of Pharmacy, University of Cincinnati, Preceptor Continuing Education Program, Cincinnati, OH, Oct 2016.

P256. **“International Health Policy: How The US Compares to Other Developed Nations and Future Directions”** MacKinnon NJ. Davenport Institute, School of Public Policy, Pepperdine University, Malibu, CA, Oct 2016.

P257. **“Pharmacy Thought Leadership Summit Findings”** MacKinnon NJ. Banting & Best Diabetes Centre 4th Annual Pharmacist Networking Event, Ottawa, ON, Oct 2016.

P258. **“Specialization in Pharmacy in Canada”** MacKinnon NJ. Banting & Best Diabetes Centre 4th Annual Pharmacist Networking Event, Ottawa, ON, Oct 2016.

P259. **“Healthy Rural Communities”** MacKinnon NJ. Schools of Kinesiology & Education, Public Presentation, Acadia University, Wolfville, NS, Nov 2016.

P260. **“Evaluation of the Implementation of the Ohio Emergency and Acute Care Facility Opioids and Other Controlled Substances Prescribing Guidelines”** MacKinnon NJ. Professional Education Workgroup of the GCOAT (Governor’s Cabinet Opiate Action Team), Ohio Department of Health, Columbus, OH, Jan 2017.

P261. **“Specialty Practice in Hospital Pharmacy: Trends and Insights of Canadian Pharmacists”** MacKinnon NJ. Canadian Society of Hospital Pharmacists Pharmacy Practice Conference, Toronto, ON, Feb 2017.

P262. **“My Journey in the Field of Pharmacy”** MacKinnon NJ. Pre-Pharmacy Society, University of California-Irvine, Irvine, CA, Feb 2017.

P263. **“A Vision for Pharmacy”** MacKinnon NJ. University of South Florida College of Pharmacy, Tampa, FL, Mar 2017.

P264. **“Achieving our Vision for Pharmacy”** MacKinnon NJ. The Ohio State University College of Pharmacy, Columbus, OH, Mar 2017.

P265. **“The National Pharmacy Thought Leadership Summit: Key Findings & Next Steps”** MacKinnon NJ. Dalhousie University College of Pharmacy, Halifax, NS, May 2017.

P266. **“The United States Healthcare System and Future Directions”** MacKinnon NJ. Robert Gordon University, Aberdeen, Scotland, August 2017.

P267. **“Opportunities in Cosmetic Science ”** MacKinnon NJ. Chongqing Medical University School of Pharmacy, Chongqing, China, Sept 2017.

P268. **“Expanded Scope of Practice in Hospital Pharmacy: West to East to South of the Border”** MacKinnon NJ, Vo D, Mysak T, Doucette D. Canadian Society of Hospital Pharmacists-New Brunswick Branch Annual General Meeting, Fredericton, NB, Sept 2017.

P269. **“Key Findings and Next Steps of the National Pharmacy Thought Leadership Summit”** MacKinnon NJ. Canadian Society of Hospital Pharmacists-New Brunswick Branch Annual General Meeting, Fredericton, NB, Sept 2017.

P270. **“Implementation of Medication Safety Principles in Your Practice”** MacKinnon NJ, Hincapie A, Sneed G. James L Winkle College of Pharmacy, University of Cincinnati, Preceptor Continuing Education Program, Cincinnati, OH, Oct 2017.

P271. **“Disrupters Panel: Winning Starts from Within”** O’Connor R, Dachis J, MacKinnon NJ, Merkle’s Health Executive Exchange, Sarasota, FL, Feb 2018.

P272. **“The UC /UC Health Opioid Task Force”** MacKinnon NJ. Ideas for Our Future: Addressing Childhood Trauma to Create Positive Outcomes Conference, Ohio Attorney-General’s Office. Mason, OH, Mar 2018.

P273. **“Pharmacy Forecast 2018: Trends That Will Shape Your Future”** Vest T, Boyle J, MacKinnon NJ, Naples S, Wiest S. Ohio Society of Health-System Pharmacists Annual Meeting, Columbus, OH, April 2018.

P274. **“Health Policy, Practice and Research to Address the Opioid Crisis”** MacKinnon NJ, Sneed G. Dalhousie University College of Pharmacy, Halifax, NS, May 2018.

P275. **“Fostering a Culture of Medication Safety in Community Pharmacy: Researchers and Regulators”** Barker J, MacKinnon NJ, Zwicker B, Resnick A, Wallace J. Canadian Pharmacists Association Annual Meeting, Fredericton, NB, June 2018.

P276. **“Quality Related Events Reported by Community Pharmacies in Nova Scotia: A 7-Year Analysis”** Boucher A*, Ho C, Boyle TA, Barker J, Zwicker B, MacKinnon NJ. FIP Congress, Glasgow, Scotland, Sept 2018.

P277. **“What Role Can Pharmacists Play in the Opioid Solution?”** MacKinnon NJ, Parker D, Mann H, Sweeney M, Kramer R, Martin S. Ohio Pharmacy Advocacy Symposium, Cedarville University, Cedarville, OH, Sept 2018.

P278. **“A Vision for the Profession of Pharmacy & Patient Safety.”** MacKinnon NJ. School of Pharmacy, Memorial University, St. John’s, NL, Sept 2018.

P279. **"Are You seeing 20/20? Challenges and Opportunities to Optimize Pharmacist's Scope of Practice."** Coombs R, Healey M, Hawboldt J, Audeau J, MacKinnon NJ, Balsom C. Pharmacists' Association of Newfoundland and Labrador Annual Conference, St. John's, NL, Sept 2018.

P280. **"Improving Patient Safety and Quality of Care Through Medication Incident Reporting."** MacKinnon NJ. Pharmacists' Association of Newfoundland and Labrador Annual Conference, St. John's, NL, Sept 2018.

P281. **"Healthcare Leadership Lessons from a Nova Scotian Living in the US."** MacKinnon NJ. School of Health Administration, Dalhousie University, Halifax, NS, Sept 2018.

P282. **"The UC/UC Health Opioid Task Force and the Role of Nurses."** MacKinnon NJ. College of Nursing Board of Advisors, University of Cincinnati, Cincinnati, OH, Nov 2018.

P283. **"Maintaining and Adapting s Research Program Over 20 Years: Insights and Lessons Learned for Faculty and Graduate Students."** MacKinnon NJ. College-wide seminar, College of Pharmacy, University of Florida, Gainesville, FL, Jan 2019.

P284. **"How the UC/UC Health Opioid Task Force is Responding to the Opioid Crisis."** DelBello M, MacKinnon NJ. Hamilton County Public Health, Cincinnati, OH, Mar 2019.

P285. **"The Opioid Crisis: What You Need to Know."** MacKinnon NJ. **Keynote Presentation.** UC Fire Science Seminar for Community Paramedicine, University of Cincinnati, Cincinnati, OH, Mar 2019.

P286. **"The Opioid Overdose Crisis in the US: A Spatially Clustered Growing Epidemic."** Hernandez A, Hincapie A, Heaton PC, MacKinnon NJ, Li J, Cuadros DF. American Association of Geographers Annual Meeting, Washington, DC, Apr 2019.

P287. **"Challenges and Facilitators of Implementing a Physician-Approved Protocol for Naloxone in Ohio: A Mixed Methods Study."** Fetters K, Hincapie A, Sneed G, Hegener M, Heaton P, Fish G, MacKinnon NJ, Koechlin K, Hyrmer J. Ohio Research Forum, Ohio Pharmacists Association Annual Conference, Columbus, OH, Apr 2019.

Poster Presentations

PO1. **"Innovative Quality Approaches in Asthma Management"** MacKinnon NJ, Peterson CR, Flagstad MS, Mesch-Beatty K. ASHP Annual Meeting, Philadelphia, Pennsylvania, June 1995.

PO2. **"The Development of Performance Indicators for Continuous Quality Improvement in Community Pharmacy"** MacKinnon NJ, Hepler CD, Vining GG. Association of Faculties of Pharmacy of Canada Meeting, Calgary, Alberta, May 1996.

PO3. **“Pharmacoeconomic Evaluation of Mycophenolate Mofetil in Solid Organ Transplant Patients”** MacKinnon NJ, Kernodle SJ, Karlix JL, Hatton RC, Russell WL, Segal R. American College of Clinical Pharmacy 1997 Spring Practice and Research Forum, Panama City, Florida, April 1997.

PO4. **“Development and Use of Performance Measures in Ambulatory Pharmacy”** MacKinnon NJ, Hepler CD, Vining GG. American Society of Health-System Pharmacists (ASHP) Second Annual Leadership Conference on Pharmacy Practice Management, Reston, Virginia, Oct 1997.

PO5. **“Development and Use of Performance Measures in Ambulatory Pharmacy”** MacKinnon NJ, Hepler CD, Vining GG. American Society of Health-System Pharmacists (ASHP) Annual Meeting, Baltimore, MD, June 1998.

PO6. **“Validation of Operational Definitions of Preventable Drug-Related Morbidity”** Neel SA, MacKinnon NJ, Hutchison LC, Hepler CD. International Congress on Clinical Pharmacy, Orlando, FL, April 1999.

PO7. **“Developing Consensus on Definitions of Preventable Drug-Related Morbidity Using the Delphi Technique”** MacKinnon NJ, Hepler CD, Hutchison LC, Garrett P. International Congress on Clinical Pharmacy, Orlando, FL, April 1999.

PO8. **“Do Canada’s Hospital Pharmacy Managers Have The Skills They Need? Results from a National Survey.”** Axworthy S*, MacKinnon NJ. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, February 2001.

PO9. **“Do Canada’s Hospital Pharmacy Managers Have The Skills They Need? Results from a National Survey.”** Axworthy S*, MacKinnon NJ. Association of Faculties of Pharmacy of Canada (AFPC) Conference, Ottawa, ON, June 2001.

PO10. **“Do Canada’s Hospital Pharmacy Managers Have The Skills They Need? Results from a National Survey.”** Axworthy S*, MacKinnon NJ. American Association of Colleges of Pharmacy (AAPC) Annual Meeting, Toronto, ON, July 2001.

PO11. **“The Role of Various Factors in the Drug Formulary Decision-Making Process”** MacKinnon NJ, Kumar R*, Chaudhary DAN*. Canadian Society of Hospital Pharmacists Annual General Meeting, Halifax, NS, Aug 2001.

PO12. **“Preventable Drug-Related Morbidity in Older Adults: Identifying Indicators, Risk Factors & Intervention Strategies”** Robertson HA, MacKinnon NJ, Tonks R. Canadian Society of Hospital Pharmacists Annual General Meeting, Halifax, NS, Aug 2001.

PO13. **“Pharmacist-Directed Seamless Care: What Is The Evidence?”** Zwicker LA*, MacKinnon NJ. New Brunswick Seamless Care Workshop 2001, Fredericton, NB, Sept 2001.

PO14. **“Preventable Drug-Related Morbidity and Mortality in Older Adults: A Canadian Cost-of-Illness Model”** Kidney T*, MacKinnon NJ. Canadian Geriatrics Society Annual Meeting, Toronto, ON, Oct 2001.

PO15. **“Preventable Drug-Related Morbidity in Older Adults: Identifying Indicators, Risk Factors & Intervention Strategies”** Robertson HA, MacKinnon NJ, Tonks R. Canadian Geriatrics Society Annual Meeting, Toronto, ON, Oct 2001.

PO16. **“Pharmacist-Directed Seamless Care: What Is The Evidence?”** Zwicker LA*, MacKinnon NJ. Canadian Pharmacists Association (CPhA) Annual Meeting, Winnipeg, MB, May 2002.

PO17. **“Factors influencing the diffusion, adoption and relinquishment of prescribing prescription drugs”** Groves KEM*, Flanagan P*, MacKinnon NJ. Canadian Pharmacists Association (CPhA) Annual Meeting, Winnipeg, MB, May 2002.

PO18. **“Identification of strategies to reduce preventable drug-related morbidity in older adults”** Flanagan P*, MacKinnon NJ, Robertson H. Canadian Pharmacists Association (CPhA) Annual Meeting, Winnipeg, MB, May 2002.

PO19. **“Preventable Drug-Related Morbidity in Older Adults: Identifying Indicators, Risk Factors & Intervention Strategies”** Robertson HA, MacKinnon NJ, Tonks R. International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Arlington, VA, May 2002.

PO20. **“The Role Of Various Factors In The Drug Formulary Decision-Making Process”** MacKinnon NJ, Kumar R*, Chaudhary DAN*. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Arlington, VA, May 2002.

PO21. **“Preventable Drug-Related Morbidity and Mortality in Older Adults: A Canadian Cost-of-Illness Model”** Kidney T*, MacKinnon NJ. Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Arlington, VA, May 2002.

PO22. **“Identification of strategies to reduce preventable drug-related morbidity in older adults”** Flanagan P*, MacKinnon NJ, Robertson H. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Arlington, VA, May 2002.

PO23. **“Do Canada’s Hospital Pharmacy Managers Have The Skills They Need? Results from a National Survey.”** Axworthy S*, MacKinnon NJ. International Pharmaceutical Federation (FIP) Annual Congress. Nice, France, Sept 2002.

PO24. **“Preventable Drug-Related Morbidity and Mortality in Older Adults: A Canadian Cost-of-Illness Model”** Kidney T*, MacKinnon NJ. International Pharmaceutical Federation (FIP) Annual Congress. Nice, France, Sept 2002.

PO25. **“Preventable Drug-Related Morbidity in Older Adults: Identifying Indicators, Risk Factors & Intervention Strategies”** Robertson HA, MacKinnon NJ, Tonks R. International Pharmaceutical Federation (FIP) Annual Congress. Nice, France, Sept 2002.

PO26. **“Outcome Analysis of a Pharmacist-Directed Seamless Care Service: A Randomized-Controlled Trial”** Nickerson A, Roberts N, Saulnier L, MacKinnon NJ. International Pharmaceutical Federation (FIP) Annual Congress. Nice, France, Sept 2002.

PO27. **“Identification of strategies to reduce preventable drug-related morbidity in older adults”** Flanagan P*, MacKinnon NJ, Robertson H. Canadian Geriatrics Society Annual Meeting, Montreal, PQ, Oct 2002.

PO28. **“Incidence of Preventable Drug-Related Morbidity in Nova Scotia Seniors”** MacKinnon NJ, Hartnell NE*, Bowles S, Flanagan PS*. Canadian Geriatrics Society Annual Meeting, Montreal, PQ, Oct 2002.

PO29. **“Outcome Analysis of a Pharmacist-Directed Seamless Care Service: A Randomized-Controlled Trial”** Nickerson A, Roberts N, Saulnier L, MacKinnon NJ. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, February 2003.

PO30. **“Impact of a Pharmacist-Directed Seamless Care Service on Clinical Outcomes and Processes of Care”** Zwicker L*, Nickerson A, MacKinnon NJ; Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, February 2003.

PO31. **“Incidence of Preventable Drug-Related Morbidity in Nova Scotia Seniors”** MacKinnon NJ, Hartnell NE*, Bowles S, Flanagan PS*. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, February 2003.

PO32. **“Incidence of Preventable Drug-Related Morbidity in Nova Scotia Seniors”** MacKinnon NJ, Hartnell NE*, Bowles S, Flanagan PS*. The Second Old Age in a New Age Interdisciplinary Conference, Saint John, NB, May 2003.

PO33. **“Incidence of Preventable Drug-Related Morbidity in Nova Scotia Seniors”** MacKinnon NJ, Hartnell NE*, Bowles S, Flanagan PS*. Canadian Pharmacists Association Annual Meeting, Vancouver, BC, June 2003.

PO34. **“Incidence of Preventable Drug-Related Morbidity in Nova Scotia Seniors”** MacKinnon NJ, Hartnell NE*, Bowles S, Flanagan PS*. International Society for Pharmacoepidemiology (ISPE) 19th International Conference on Pharmacoepidemiology, Philadelphia, PA, Aug 2003.

PO35. **“Appropriateness of Gastrointestinal Preventive Therapy in Patients Receiving Anti-Inflammatory Drugs: A Study of Seniors in the Nova Scotia Pharmacare Program”** Hartnell N*, MacKinnon NJ, Flanagan P*, Bakowsky V. International Society for Pharmacoepidemiology (ISPE) 19th International Conference on Pharmacoepidemiology, Philadelphia, PA, Aug 2003.

PO36. **“Outcome Analysis of a Pharmacist-Directed Seamless Care Service: A Randomized-Controlled Trial”** Nickerson A, Roberts N, Saulnier L, MacKinnon NJ. Academy of Managed Care Pharmacy (AMCP) Educational Conference, Montreal, PQ, Oct 2003.

PO37. **“Incidence of Preventable Drug-Related Morbidity in Nova Scotia Seniors”** MacKinnon NJ, Hartnell NE*, Bowles S, Flanagan PS*. Academy of Managed Care Pharmacy (AMCP) Educational Conference, Montreal, PQ, Oct 2003.

PO38. **“Appropriateness of Gastrointestinal Preventive Therapy in Patients Receiving Anti-Inflammatory Drugs: A Study of Seniors in the Nova Scotia Pharmacare Program”** Hartnell N*, MacKinnon NJ, Flanagan P*, Bakowsky V. Academy of Managed Care Pharmacy (AMCP) Educational Conference, Montreal, PQ, Oct 2003.

PO39. **“Appropriateness of Gastrointestinal Preventive Therapy in Patients Receiving Anti-Inflammatory Drugs: A Study of Seniors in the Nova Scotia Pharmacare Program”** Hartnell N*, MacKinnon NJ, Flanagan P*, Bakowsky V. American College of Rheumatology Annual Scientific Meeting, Orlando, FL, Oct 2003.

PO40. **“Canadian Health Service Executives’ Perceptions of Medication Management Issues”** MacKinnon NJ, Sketris I, Persaud D, Kennedy PL*, Metge C, Bussièrès JF. Canadian Society of Hospital Pharmacists 30th Annual Banff Seminar, Banff, AB, Mar 2004.

PO41. **“Gastrointestinal Complications Associated with the Use of Nonsteroidal Anti-Inflammatory Drugs: An Economic Evaluation for Nova Scotia”** MacKinnon NJ, Kennedy PL*, Hartnell N*, Bakowsky V; Canadian Society of Hospital Pharmacists 30th Annual Banff Seminar, Banff, AB, Mar 2004.

PO42. **“Prevalence and Use of Gastrointestinal Preventive Strategies in Patients Aged 65 Years and Over Who Receive Anti-Inflammatory Therapies in Nova Scotia and Quebec”** Rahme E, Hartnell NR*, Chabot J, Toubouti Y, Flanagan P, LeLorier J, MacKinnon NJ, Bakowsky V, Senecal M. First Canadian Therapeutics Congress, Winnipeg, MB, June 2004.

PO43. **“Pharmacists’ Participation in the Wet Nebulization Respiratory Conversion Initiative”** MacKinnon NJ, Flanagan P*, Murphy A*, Bowles S, Sketris I. First Canadian Therapeutics Congress, Winnipeg, MB, June 2004.

PO44. **“Gastrointestinal Complications Associated with the Use of Nonsteroidal Anti-Inflammatory Drugs: An Economic Evaluation for Nova Scotia”** MacKinnon NJ, Kennedy PL*, Hartnell N*, Bakowsky V. International Society for Pharmacoepidemiology (ISPE) 20th International Conference on Pharmacoepidemiology, Bordeaux, France, Aug 2004.

PO45. **“Health system performance indicators as a tool for maximizing health gain in Canada: where do pharmaceuticals fit?”** McCaffrey KJ*, M^{ac}Kinnon NJ, Jones EJM*. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2004.

PO46. **“Impact of Drug Policy Tools and Techniques on Economic, Clinical and Humanistic Outcomes in Canada”** McCaffrey KJ*, M^{ac}Kinnon NJ, Hartnell NR*. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2004.

PO47. **“Impact of Drug Policy Tools and Techniques on Economic, Clinical and Humanistic Outcomes in Canada”** McCaffrey KJ*, M^{ac}Kinnon NJ, Hartnell NR*. Canadian Geriatrics Society Annual Meeting, Halifax, NS, May 2005.

PO48. **“Drugs and Injurious Falls in Acute Hospital Admissions”** Ackroyd-Stolarz S*, MacKinnon NJ, Sabo B. Safety in Health Care Conference, Dartmouth, NS, May 2005.

PO49. **“Patient and Health Professional Perceptions of Medication Errors: Identifying Contributing Factors and Solutions”** Hartnell NR*, M^{ac}Kinnon NJ, Jones E*, Genge RJ, Nestel M. Safety in Health Care Conference, Dartmouth, NS, May 2005.

PO50. **“Patient and Health Professional Perceptions of Medication Errors: Identifying Contributing Factors and Solutions”** Hartnell NR*, M^{ac}Kinnon NJ, Jones E*, Genge RJ, Nestel M. Canadian Geriatrics Society Annual Meeting, Halifax, NS, May 2005.

PO51. **“Impact of Drug Policy Tools and Techniques on Economic, Clinical and Humanistic Outcomes in Canada”** McCaffrey KJ*, M^{ac}Kinnon NJ, Hartnell NR*. Canadian Society of Hospital Pharmacists Annual General Meeting, Ottawa, ON, Aug 2005.

PO52. **“Patient and Health Professional Perceptions of Medication Errors: Identifying Contributing Factors and Solutions”** Hartnell NR*, M^{ac}Kinnon NJ, Jones E*, Genge RJ, Nestel M. Canadian Society of Hospital Pharmacists Annual General Meeting, Ottawa, ON, Aug 2005.

PO53. **“Development of clinical indicators of preventable drug-related morbidity in type 2 diabetes”** Black EK*, M^{ac}Kinnon NJ, Hartnell NR*, Halliday-Mahar S, Dunbar P, Johnson J. Canadian Pharmacists Association Annual Conference, Edmonton, AB, June 2006.

PO54. **“Prescribing COX-2s: A New Model of Adoption”** Groves KEM*, Schellinck T, Sketris I, M^{ac}Kinnon NJ, McNiven J. Canadian Association for Health Services and Policy Research Annual Conference, Vancouver, BC, Sept 2006.

PO55. **“Development of a National Set of Medication Safety Indicators”** Nguyen TT*, Nigam R, M^{ac}Kinnon NJ, Hartnell NR*, Levy A, Gurnham ME, U D. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, January 2007.

PO56. **“Development of a National Set of Medication Safety Indicators”** Nguyen TT*, Nigam R, MacKinnon NJ, Hartnell NR*, Levy A, Gurnham ME, U D. Canadian Association of Population Therapeutics (CAPT) 4th Canadian Therapeutics Congress, Halifax, NS, May 2007.

PO57. **“Characteristics of Prescribers and Adopters of Cyclooxygenase-2 Inhibitors (COX-2s). Implication for Interventions to Improve Prescribing”** Groves KEM*, Sketris I, MacKinnon NJ. Canadian Association of Population Therapeutics (CAPT) 4th Canadian Therapeutics Congress, Halifax, NS, May 2007.

PO58. **“Development of a National Set of Medication Safety Indicators”** Nguyen TT*, Nigam R, MacKinnon NJ, Hartnell NR*, Levy A, Gurnham ME, U D. Canadian Pharmacists Association Annual Conference, Ottawa, ON, June 2007.

PO59. **“Evaluation of a workplace asthma self-management program”** MacKinnon NJ, Lecouteur-Morais C, Rose T. Canadian Network for Asthma Care, ASED 8 conference, Halifax, NS, Nov 2007.

PO60. **“Impact of Canadian Drug Policies on Economic, Clinical, and Humanistic Outcomes – A Systematic Review”** MacKinnon NJ, Morrison A*, Nguyen TT*, Hartnell N*, McCaffrey K*. Canadian Society of Hospital Pharmacists 34th Annual Banff Seminar, Banff, AB, Mar 2008.

PO61. **“Latent Opportunities for Errors in Medication Orders in Four Canadian Health Authorities”** Pattar R*, MacKinnon NJ, Nigam R, Grover V, Nguyen T*. The IXth World Conference on Clinical Pharmacology and Therapeutics, Quebec City, PQ, Aug 2008.

PO62. **“Impact of Canadian Drug Policies on Economic, Clinical, and Humanistic Outcomes – A Systematic Review”** MacKinnon NJ, Morrison A*, Nguyen TT*, Hartnell N*, McCaffrey K*. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2008.

PO63. **“Impact of the medical home on the safety and quality of healthcare in Canada”** MacKinnon NJ, Scobie A*, Higgins S*, Etchegary H, Osborn R, Church R. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2008.

PO64. **“Latent Opportunities for Errors in Medication Orders in Four Canadian Health Authorities”** Pattar R*, MacKinnon NJ, Nigam R, Grover V, Nguyen T*. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2008.

PO65. **“Cost-shifting and timeliness of drug formulary decisions in Atlantic Canada”** Scobie A*, MacKinnon NJ. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium, Ottawa, ON, April 2009.

PO66. **“Cost-shifting and timeliness of drug formulary decisions in Atlantic Canada”** Scobie A*, MacKinnon NJ. American College of Pharmacy/European Society of Clinical Pharmacy International Congress, Orlando, FL, April 2009.

PO67. **“Impact of the medical home on the safety and quality of healthcare in Canada”** MacKinnon NJ, Scobie A*, Higgins S*, Etchegary H, Osborn R, Church R. American College of Pharmacy/European Society of Clinical Pharmacy International Congress, Orlando, FL, April 2009.

PO68. **“Identifying, understanding, and overcoming barriers to medication error reporting in hospitals in Nova Scotia, Canada”** Hartnell N*, MacKinnon NJ, Sketris I, Smith S. American College of Pharmacy/European Society of Clinical Pharmacy International Congress, Orlando, FL, April 2009.

PO69. **“Latent Opportunities for Errors in Medication Orders in Four Canadian Health Authorities”** Pattar R*, MacKinnon NJ, Nigam R, Grover V, Nguyen T*. American College of Pharmacy/European Society of Clinical Pharmacy International Congress, Orlando, FL, April 2009.

PO70. **“SafetyNET: Improving Medication Safety through Quality Management and Integrative IT”** Higgins S*, Deal H*, MacKinnon NJ, Boyle T, Brushwood D, Zwicker B, Mahaffey T. National Association of Boards of Pharmacy Annual Meeting, Miami, FL, May 2009.

PO71. **“Identifying early prescribers of cyclooxygenase-2 inhibitors (COX-2s) in Nova Scotia, Canada: Considerations for targeted academic detailing”** Groves KEM*, Sketris I, MacKinnon NJ. Association of Faculties of Pharmacy of Canada Conference, Halifax, NS, June 2009.

PO72. **“Latent Opportunities for Errors in Medication Orders in Four Canadian Health Authorities”** Pattar R*, MacKinnon NJ, Nigam R, Grover V, Nguyen T*. Canadian Society of Hospital Pharmacists Summer Educational Sessions, Winnipeg, MB, Aug 2009.

PO73. **“Impact of the medical home on the safety and quality of healthcare in Canada”** MacKinnon NJ, Scobie A*, Higgins S*, Etchegary H, Osborn R, Church R. Canadian Society of Hospital Pharmacists Summer Educational Sessions, Winnipeg, MB, Aug 2009.

PO74. **“Identifying, understanding, and overcoming barriers to medication error reporting in hospitals in Nova Scotia, Canada”** Hartnell N*, MacKinnon NJ, Sketris I, Smith S. Canadian Society of Hospital Pharmacists Summer Educational Sessions, Winnipeg, MB, Aug 2009.

PO75. **“Clinical Benefits and Economic Impact of Surgical Pharmacists at Capital Health: Preliminary Results”** Lummis H, Chevalier B, Nodwell L, Hawrylak B, Poirier S, Daley C, Jacques A, Harding C, MacDonald T, Westhaver S, Hiltz A, MacKinnon NJ, Slayter K. Canadian Society of Hospital Pharmacists Summer Educational Sessions, Winnipeg, MB, Aug 2009.

PO76. **“Safer Medication Use in Emergency Departments (SAFER MEDs)”** Ackroyd-Stolarz S, MacKinnon NJ, Zed P, Murphy N. Canadian Society of Hospital Pharmacists Professional Practice Conference, Toronto, ON. Feb 2010.

PO77. **“Perceived Demands for Practice Experiential Education: Results From A National Survey Of Hospital Pharmacy Directors”** Howorko J, Higgins SD, MacKinnon NJ, Roy M. Canadian Society of Hospital Pharmacists Professional Practice Conference, Toronto, ON. Feb 2010.

PO78. **“The Future Plans And Career Expectations Of Pharmacy Students: Results From A National Survey”** Higgins SD, MacKinnon NJ, Cooper J, Mohr H, Hogan K, Jorgenson D. Canadian Society of Hospital Pharmacists Professional Practice Conference, Toronto, ON. Feb 2010.

PO79. **“Perceived Demands for Practice Experiential Education: Results From A National Survey Of Hospital Pharmacy Directors”** Howorko J, Higgins SD, MacKinnon NJ, Roy M. American Society of Health-System Pharmacists Summer Meeting, Tampa, FL, June 2010.

PO80. **“Qualitative Evaluation Of The Canadian Fabry Disease Initiative”** Embrett M, MacKinnon NJ, Rathwell T, Pullman D. Canadian Society of Hospital Pharmacists Professional Practice Conference, Toronto, ON. Feb 2010.

PO81. **“Clinical Benefits and Economic Impact of Surgical Pharmacists at Capital Health: Preliminary Results”** Lummis H, Chevalier B, Nodwell L, Hawrylak B, Poirier S, Daley C, Jacques A, Harding C, MacDonald T, Westhaver S, Hiltz A, MacKinnon NJ, Slayter K. Canadian Agency for Drugs and Technologies in Health Symposium, Halifax, NS, Apr 2010.

PO82. **“Qualitative Evaluation Of The Canadian Fabry Disease Initiative”** Embrett M, MacKinnon NJ, Rathwell T, Pullman D. Canadian Agency for Drugs and Technologies in Health Symposium, Halifax, NS, Apr 2010.

PO83. **“The Future Plans And Career Expectations Of Pharmacy Students: Results From A National Survey”** Higgins SD, MacKinnon NJ, Cooper J, Mohr H, Hogan K, Jorgenson D. American Society of Health-System Pharmacists Summer Meeting, Tampa, FL, June 2010.

PO84. **“Safer Medication Use in Emergency Departments (SAFER MEDs)”** Ackroyd-Stolarz S, MacKinnon NJ, Zed P, Murphy N. American Society of Health-System Pharmacists Summer Meeting, Tampa, FL, June 2010.

PO85. **“Self-Reported Medical, Medication and Lab Errors in Eight Countries: Risk Factors for Chronically Ill Adults”** Scobie A, MacKinnon NJ. AcademyHealth Annual Research Meeting, Boston, MA, June 2010.

PO86. “Adverse Events Related to Medications Identified by a Canadian Poison Centre”

Ackroyd-Stolarz S*, MacKinnon NJ, Murphy N, Gillespie E, Zed PJ. Halifax 10 – the Canadian Healthcare Safety Symposium, Halifax, NS, Oct 2010.

PO87. “Community Pharmacy Medication Incident Reporting Processes: The Role of Competerization and Pharmacy Staff Position”

Scobie A*, Boyle T, MacKinnon NJ, Mahaffey T. Halifax 10 – the Canadian Healthcare Safety Symposium, Halifax, NS, Oct 2010.

PO88. “Pharmacy Staff Perceptions of Medication Incident Reduction and Reporting in Nova Scotia”

Scobie A*, MacKinnon NJ, Boyle T, Deal H*, Mahaffey T. Halifax 10 – the Canadian Healthcare Safety Symposium, Halifax, NS, Oct 2010.

PO89. “SafetyNET-RX: Pilot Project for Patient Safety and Quality Improvement in Nova Scotia Pharmacies”

Jackson B*, MacKinnon NJ, Boyle T, Mahaffey T, Zwicker B, Deal H*, Scobie*. Halifax 10 – the Canadian Healthcare Safety Symposium, Halifax, NS, Oct 2010.

PO90. “Identified Risk Factors for Self-Reported Medication Errors in Hospital and Community Settings in Eight Countries”

Sears K*, MacKinnon NJ, Scobie A*. Halifax 10 – the Canadian Healthcare Safety Symposium, Halifax, NS, Oct 2010.

PO91. “Incentives, Barriers and Facilitators for Medication Error Reporting: Perceptions of health professionals from Nova Scotia”

Hartnell N*, MacKinnon NJ, Sketris I, Smith S, Fleming M. Halifax 10 – the Canadian Healthcare Safety Symposium, Halifax, NS, Oct 2010.

PO92. “Adverse Events Identified in a Canadian Pediatric Teaching Hospital”

Ackroyd-Stolarz S*, Mardlin-Smith F, Boliver D, MacKinnon NJ, Hiltz MA. Halifax 10 – the Canadian Healthcare Safety Symposium, Halifax, NS, Oct 2010.

PO93. “Self-Reported Medical, Medication and Lab Errors in Eight Countries: Risk Factors for Chronically Ill Adults”

Scobie A, MacKinnon NJ. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, Jan 2011.

PO94. “Adverse Events Identified in a Canadian Pediatric Teaching Hospital”

Ackroyd-Stolarz S*, Mardlin-Smith F, Boliver D, MacKinnon NJ, Hiltz MA. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, Jan 2011.

PO95. “Adverse Events Related to Medications Identified by a Canadian Poison Centre”

Ackroyd-Stolarz S*, MacKinnon NJ, Murphy N, Gillespie E, Zed PJ. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, Jan 2011.

PO96. “Identified Risk Factors for Self-Reported Medication Errors in Hospital and Community Settings in Eight Countries”

Sears K*, MacKinnon NJ, Scobie A*. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, Jan 2011.

PO97. **“Incentives, Barriers and Facilitators for Medication Error Reporting: Perceptions of health professionals from Nova Scotia”** Hartnell N*, MacKinnon NJ, Sketris I, Smith S, Fleming M. Canadian Society of Hospital Pharmacists, Professional Practice Conference, Toronto, ON, Jan 2011.

PO98. **“Impact of process characteristics on quality related event reporting on Nova Scotia community pharmacists”** Duggan K*, Scobie A*, Boyle T, MacKinnon NJ, Mahaffey T. Canadian Association of Population therapeutics conference, Ottawa, ON, April 2011.

PO99. **“Impact of process characteristics on quality related event reporting on Nova Scotia community pharmacists”** Duggan K*, Scobie A*, Boyle T, MacKinnon NJ, Mahaffey T. Canadian Pharmacists Association Annual Meeting, Montreal, PQ, May 2011.

PO100. **“Analysis of Medication Incidents in Community Pharmacy”** Ho C, MacKinnon NJ, Boyle TA, Mahaffey T, Zwicker B, Deal H*, Scobie A*. American Association of Colleges of Pharmacy Annual Meeting, San Antonio, TX, July 2011.

PO101. **“Performance Improvements from CQI Program Implementation in Nova Scotia Community Pharmacies”** Dow N*, Boyle T, MacKinnon NJ, Mahaffey T, Ho C, Taylor J. Pharmacy Association of Nova Scotia (PANS) Refresher Course, Halifax, NS, Oct 2011.

PO102. **“Community Pharmacy Readiness to Implement Continuous Quality Assurance Standards”** Hillier C*, Boyle T, Mahaffey T, Scobie AC*, MacKinnon NJ. Pharmacy Association of Nova Scotia (PANS) Refresher Course, Halifax, NS, Oct 2011.

PO103. **“Initial Challenges of Continuous Quality Improvement Implementation in Community Pharmacies”** Mahaffey M*, Boyle TA, Duggan K*, Mahaffey T, MacKinnon NJ. Pharmacy Association of Nova Scotia (PANS) Refresher Course, Halifax, NS, Oct 2011.

PO104. **“Medication Errors in Hospital and Community Settings: Risk Factors in Eight Countries”** Sears K*, Scobie A*, MacKinnon NJ. The 23rd Annual National Forum on Quality Improvement in Health Care, Orlando, FL, Dec 2011.

PO105. **“Implications of Standardized CQI Programs in Community Pharmacies: Insights from the SafetyNET-Rx Project”** Boyle T, Mahaffey T, MacKinnon NJ, Mahaffey M*, Duggan K*. Canadian Pharmacists Association Annual Meeting, Whistler, BC, May 2012.

PO106. **“Quality Related Event reporting: Insights from Provincial Pharmacy Regulatory Authorities”** Duggan K*, Scobie A*, Boyle T, MacKinnon NJ, Mahaffey T. Canadian Pharmacists Association Annual Meeting, Whistler, BC, May 2012.

PO107. **“Medication Error Reporting in Community Pharmacies: Reflections on the Role of Provincial Regulatory Authorities”** Boyle T, Bishop A*, Mahaffey T, Zwicker B, MacKinnon NJ. Canadian Pharmacists Association Annual Meeting, Charlottetown, PEI, June 2013.

PO108. **“Using a Mobile Information System to Assess Community Pharmacy Quality Assurance Compliance in Nova Scotia”** Boyle T, Bishop A*, Zwicker B, Mahaffey T, MacKinnon NJ. Canadian Pharmacists Association Annual Meeting, Charlottetown, PEI, June 2013.

PO109. **“Outcomes of pediatric patients presenting to the emergency department with a medication-related visit.”** Zed PJ, Black KJL, Fitzpatrick EA, Ackroyd-Stolarz S, Murphy NG, Curran JA, MacKinnon NJ, Sinclair D. Canadian Association of Emergency Physicians Annual Scientific Meeting, Vancouver, BC, June 2013.

PO110. **“How Do Local, Provincial and National Perspectives on Clinical Pharmacy Key Performance Indicator Critical Activity Areas Compare?”** Bannerman H, Gorman S, Toombs K, Lo J, Shukla S, Doucette D, Slavik R, Semchuk B, Chan W, Benninger N, MacKinnon NJ, Bell C, Slobodan J, Lyder C, Pereira T, Bjelajac-Mejia A, Spina S, Fernandes O. Canadian Society of Hospital Pharmacists Annual Professional Practice Conference, Toronto, ON, Feb 2014.

PO111. **“How Do National Clinical Pharmacy Key Performance Indicators Align With Top-Ranked Consensus Selection Criteria?”** Lo J, Gorman S, Toombs K, Bannerman H, Shukla S, Slavik R, Semchuk B, Doucette D, Chan W, Benninger N, MacKinnon NJ, Bell C, Slobodan J, Lyder C, Pereira T, Bjelajac-Mejia A, Spina S, Fernandes O. Canadian Society of Hospital Pharmacists Annual Professional Practice Conference, Toronto, ON, Feb 2014.

PO112. **“What Are The Appropriate Clinical Pharmacy Key Performance Indicators For Hospital Pharmacists?”** Fernandes O, Gorman S, Slavik R, Semchuk B, Doucette D, Bannerman H, Lo J, Shukla S, Chan W, Benninger N, MacKinnon NJ, Bell C, Slobodan J, Lyder C, Zed PJ, Toombs K. Canadian Society of Hospital Pharmacists Annual Professional Practice Conference, Toronto, ON, Feb 2014.

PO113. **“Attitudes of Arizona Community Pharmacists on the Monitoring and Tracking of Medication Errors and Near-Misses.”** Augustine J, Warholak T, MacKinnon NJ. American Pharmacists Association Annual Meeting & Exposition, Orlando, FL, Mar 2014.

PO114. **“Pharmacist Comfort With Reporting Quality Related Events Of Varying Severity”** Boyle T, Mahaffey T, Bishop A, Murphy A, Barker J, Morrison B, Perepelkin J, MacKinnon NJ, Sandiford J, Gimblett S. Canadian Pharmacists Association Annual Meeting, Saskatoon, SK, June 2014.

PO115. **“SafetyNET-Rx Phase II: Analysis of medication incidents in community pharmacy”** Ho C, Kong J, Cheng R, Boyle T, Mahaffey T, MacKinnon NJ. Canadian Pharmacists Association Annual Meeting, Saskatoon, SK, June 2014.

PO116. **“Public attitudes towards the expanded scope of pharmacy practice in Nova Scotia”** Boyle T, Mahaffey T, Duggan K, Zwicker B, Bishop A, Murphy A, Barker J, Morrison B, MacKinnon NJ, MacDonald M. Canadian Pharmacists Association Annual Meeting, Saskatoon, SK, June 2014.

PO117. **“Questionnaire Survey of Inpatient Pharmacists’ Perception of Need and Focus for a Pharmacy Leadership Program”** Yihong D, Lin AC, Ivey M, MacKinnon NJ. American Society of Health-System Pharmacists Clinical Midyear Meeting, Anaheim, CA, Dec 2014.

PO118. **“Patient Involvement in Patient Safety: Applying the Health Belief Model.”** Bishop A, Baker GR, Boyle T, MacKinnon NJ. Knowledge Translation Canada Annual Scientific Meeting, Halifax, NS, May 2015.

PO119. **“A Needs Assessment of Community Pharmacists for Pharmacy Specialization in Canada”** Penm J*, MacKinnon NJ, Jorgenson D, Smith J. International Pharmaceutical Federation (FIP) Annual Congress. Dusseldorf, Germany, Oct 2015.

PO120. **“Work Stress and Learning from Medication Errors in Community Pharmacies”** Boyle TA*, Bishop A, Murphy A, Morrison B, Barker J, Ashcroft D, Phipps D, Mahaffey T, MacKinnon NJ. International Pharmaceutical Federation (FIP) Annual Congress. Dusseldorf, Germany, Oct 2015.

PO121. **“A Needs Assessment of Community Pharmacists for Pharmacy Specialization in Canada”** Penm J*, MacKinnon NJ, Jorgenson D, Smith J. American Pharmacists Association Annual Meeting, Baltimore, MD, Mar 2016.

PO122. **“A Survey of Pharmacy Leaders on the Priorities for the Future of the Pharmacy Profession in Canada”** Penm J*, MacKinnon NJ, Jorgenson D, Smith J. 17th Midwest Social and Administrative Pharmacy Conference, Ann Arbor, MI, Aug 2016.

PO123. **“A Survey of Hospital Pharmacists on the Need for a Formal Specialization Certification in Canada”** Penm J*, MacKinnon NJ, Jorgenson D, Smith J. 17th Midwest Social and Administrative Pharmacy Conference, Ann Arbor, MI, Aug 2016.

PO124. **“A Survey of Pharmacy Leaders on the Priorities for the Future of the Pharmacy Profession in Canada”** Penm J*, MacKinnon NJ, Jorgenson D, Smith J. American Society of Health-System Pharmacists Clinical Midyear Meeting, Las Vegas, NV, Dec 2016.

PO125. **“Minding the Gap: Perceived Factors Affecting Primary Care Coordination of Adults in 11 Countries”** Penm J*, MacKinnon NJ, Strakowski SM, Ying J, Doty MM. American Society of Health-System Pharmacists Clinical Midyear Meeting, Las Vegas, NV, Dec 2016.

PO126. **“Postdoctoral academic fellowship programs: Training for careers in pharmacy academia”** Kim J, Tolle E*, Roopali S, MacKinnon NJ. American Society of Health-System Pharmacists Clinical Midyear Meeting, Las Vegas, NV, Dec 2016.

PO127. **“Postdoctoral academic fellowship programs: Training for careers in pharmacy academia”** Kim J, Tolle E*, Roopali S, MacKinnon NJ. American Pharmacists Association Annual Meeting, San Francisco, CA, Mar 2017.

PO128. **“Postdoctoral academic fellowship programs: Training for careers in pharmacy academia”** Kim J, Tolle E*, Roopali S, MacKinnon NJ. American Association of Colleges of Pharmacy Annual Meeting, Nashville, TN, July 2017.

PO129. **“Minding the gap: Perceived factors affecting primary care coordination of adults in 11 countries”** Penm J*, MacKinnon NJ, Strakowski SM, Ying J, Doty MM. 77th FIP International Congress of Pharmacy and Pharmaceutical Sciences, Seoul, South Korea, Sept 2017.

PO130. **“Survey of pharmacy leaders on the priorities for the future of the pharmacy profession in Canada”** Penm J*, MacKinnon NJ, Jorgenson D, Smith J. 77th FIP International Congress of Pharmacy and Pharmaceutical Sciences, Seoul, South Korea, Sept 2017.

PO131. **“Evaluation of the implementation of the Ohio emergency and acute care facility opioids and other controlled substances (OOCs) prescribing guidelines”** Penm J*, MacKinnon NJ, Tolle E*, Boone J, Hooker E, Winstanley E, Lyons M, Carlton-Ford S, Connelly C*, Mashni R*. 77th FIP International Congress of Pharmacy and Pharmaceutical Sciences, Seoul, South Korea, Sept 2017.

PO132. **“Mandatory Quality Related Events Reporting in Canada: A Province-Wide Review Over Seven Years (2010-2017)”** Boucher A*, Ho C, Boyle TA, Barker J, Zwicker B, MacKinnon NJ. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2017.

PO133. **“Emergency Department Physicians’ Prescribing Patterns and Perceptions of Naloxone in High-Risk Opioid Overdose Patients.”** Sneed G*, Penm J*, MacKinnon NJ, Lyons M, Tolle E*. American Society of Health-System Pharmacists Clinical Midyear Meeting, Orlando, FL, Dec 2017.

PO134. **“Mandatory Quality Related Events Reporting in Canada: A Province-Wide Review Over Seven Years (2010-2017)”** Boucher A*, Ho C, Boyle TA, Barker J, Zwicker B, MacKinnon NJ. Canadian Society of Hospital Pharmacists Professional Practice Conference, Toronto, ON, Feb 2018.

PO135. **“Evaluation of the implementation of the Ohio emergency and acute care facility opioids and other controlled substances (OOCs) prescribing guidelines: a qualitative analysis”** Sneed G*, Penm J*, MacKinnon NJ, Lyons M, Hooker E, Mashni R*, Connelly C*, Tolle E*, Winstanley E, Carlton-Ford S, Boone J. American Pharmacists Association Annual Meeting, Nashville, TN, Mar 2018.

PO136. **“Evaluation of the implementation of the Ohio emergency and acute care facility opioids and other controlled substances (OOCs) prescribing guidelines: a quantitative analysis”** Sneed G*, Penm J*, MacKinnon NJ, Lyons M, Hooker E, Mashni R*, Connelly C*, Tolle E*, Winstanley E, Carlton-Ford S, Boone J. American Pharmacists Association Annual Meeting, Nashville, TN, Mar 2018.

PO137. **“Mandatory Quality Related Events Reporting in Canada: A Province-Wide Review Over Seven Years (2010-2017)”** Boucher A*, Ho C, Boyle TA, Barker J, Zwicker B, MacKinnon NJ. Pharmacists Manitoba Annual Conference, Winnipeg, MB, April 2018.

PO138. **“Mandatory Quality Related Events Reporting in Canada: A Province-Wide Review Over Seven Years (2010-2017)”** Boucher A*, Ho C, Boyle TA, Barker J, Zwicker B, MacKinnon NJ. Canadian Pharmacy Association Annual Meeting, Fredericton, NB, June 2018.

PO139. **“A Multi-Incident Analysis on Medication Incidents Associated with Patient Harm”** Boucher A*, Ho C, Boyle TA, Barker J, Zwicker B, MacKinnon NJ. FIP Congress, Glasgow, Scotland, Sept 2018.

PO140. **“Understanding and Practice of Care Coordination for Pediatric Patients by Federally Qualified Health Centers”** Chartrand H, Rosales C, MacKinnon NJ. Association of Maternal & Child Health Programs, San Antonio, TX. Mar 2019.

PO141. **“Quality Related Events Reported by Community Pharmacies in Nova Scotia: A 7-year Analysis”** Boucher A*, Ho C, Boyle TA, Barker J, Zwicker B, MacKinnon NJ. American Pharmacists Association Annual Meeting, Seattle, WA, March 2019.

PO142. **“The Status of Patient Safety Legislation for Community Pharmacies in Canada”** MacKinnon NJ, Cook R*, Barker J. American Pharmacists Association Annual Meeting, Seattle, WA, March 2019.

PO143. **“Impact of a Standing Order Policy on Naloxone Utilization in the State of Ohio”** Heaton P, Hincapie A, MacKinnon NJ. American Pharmacists Association Annual Meeting, Seattle, WA, March 2019.

PO144. **“Barriers and Facilitators of Implementing a Naloxone Standing Order Policy: A Mixed Methods Study”** Hincapie A, Sneed G*, Hegener M, Heaton P, Feters K*, Fish G*, MacKinnon NJ. American Pharmacists Association Annual Meeting, Seattle, WA, March 2019.

PUBLICATIONS¹Peer-reviewed journal articles

PR1. MacKinnon NJ, Flagstad MS, Peterson CR, Mesch-Beatty K. Disease management program for asthma: Baseline assessment of resource use. *American Journal of Health-System Pharmacy* 1996; 53(5):535-41.

PR2. MacKinnon NJ. Performance Measures in Ambulatory Pharmacy. *Pharmacy Practice Management Quarterly* 1997; 17(1): 52-62.

PR3. MacKinnon NJ. A systems approach to the evaluation of a disease management program. *Formulary*. 1998; 33(8): 769-88.

PR4. MacKinnon NJ. Teaching Managed Care Pharmacy and Disease Management in Canada. *Journal of Managed Care Pharmacy* 2000; 6(1):71-2.

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NPR47. Augustine J*, Campbell P*, Warholak T, Baker KR, Bishop A, Boyle T, Nau D, MacKinnon NJ. An expert roundtable on quality assurance in pharmacy. *The Arizona Journal of Pharmacy*. 2014; 6(3): 20-24.

NPR48. Penm J*, Ivey M, MacKinnon NJ. Developing a sustainable pharmacy leadership workforce. *Ohio Pharmacist*. 2016; 65(11): 15-17.

NPR49. Ananth KP, MacKinnon NJ. Educating the Cosmetic Scientists of Tomorrow: An Online Approach to the Future. *EURO COSMETICS*. 2017; September, Vol 25: 37-40.

NPR50. MacKinnon NJ. Continuity of Care: A High-Leverage Activity For Pharmacists. (editorial) *Journal of Pharmacy Practice and Research*. 2017; 47(5): 329-31.

NPR51. Dumont Z, Sobotka J, MacKinnon NJ. Leadership Training for Pharmacists (letter to the editor) *Canadian Pharmacists Journal* 2019; 152(2): 75-6.

Reports

R1. MacKinnon NJ, Whelan AM. Oral Contraceptives and Drug Interactions. *Oral Contraceptives 1994: A Report by the Special Advisory Committee on Reproductive Physiology to the Health Protection Branch*, Health Canada.

R2. MacKinnon NJ. Writing an Editorial and Defending It In The Classroom. In: *Learning Through Writing: A Compendium of Assignments and Techniques*. Eds: Wright WA, Herteis EM, Abernethy B. Office of Instructional Development and Technology, Dalhousie University, Halifax, NS, 2001. Partially reprinted in: *Focus on university teaching and learning*, Vol 11, No 3, Jan/Feb 2002; pg. 3.

R3. MacKinnon NJ. Is Patient Satisfaction Really That Important? Why Delighted Patients Are The Pharmacist's Secret Weapon. *Prospectus*. Dalhousie University Division of Continuing Pharmacy Education. June 2005: 1-15.

R4. MacKinnon NJ. Adoption of Medication Reconciliation and Seamless Care Services. In: Evidence in action, acting on evidence: A casebook of health services and policy research knowledge translation stories / Agir et réagir face aux données probantes : Recueil de cas d'application des connaissances relatives à la recherche sur les services et les politiques de la santé. Ottawa: Canadian Institutes of Health Research, 2006 ; 71-4.

R5. Morrison E*, MacKinnon NJ, Blackman A*. Knowledge brokering to promote patient safety. Linking Canadian researchers, decision-makers and health care professionals. Canadian Patient Safety Institute, Edmonton, AB. 2007: 1-70.

R6. The Health Council of Canada (2009). The National Pharmaceuticals Strategy: A Prescription Unfilled. Commentary. Toronto: Health Council (co-lead contributor).

R7. The Health Council of Canada (2009). The National Pharmaceuticals Strategy: A Prescription Unfilled. A Status Report. Toronto: Health Council (co-lead contributor).

R8. New Brunswick Pharmacists Association (2009). Pharmacists and the Health of New Brunswickers: A Prescription for Progress. Fredericton, NB (lead author).

R9. The Health Council of Canada (2010). Decisions, Decisions: Family Doctors as Gatekeepers to Prescription Drugs and Diagnostic Imaging in Canada. Toronto: Health Council (contributor and consultant to report).

R10. MacLeod T, MacKinnon NJ. Assessment of the Continuing Education Needs of Pharmacists: Results from Focus Groups. Halifax, NS. 2011; 1-26. A Report for the Canadian Pharmacists Association.

R11. MacKinnon NJ. Evaluation of A Smoking Cessation Strategy for Pharmacists – QUIT Using and Inhaling Tobacco eXpanded (QUIT-X). Tucson, AZ. 2011; 1-59. A Report for the Canadian Pharmacists Association.

R12. Boehm C, Bergsma L, MacKinnon NJ. Community Conversations on Healthcare: A Report on the Conversation in Marana, AZ. Center for Rural Health, Tucson AZ, 2012; 1-9.

R13. Hospodar J, MacKinnon NJ, Packham J, Wood D. Building Partnerships to Leverage Available USDA Resources for Rural Providers: Summary Report. Tucson, AZ, 2012: 1-27.

R14. MacKinnon NJ. Evaluation of CPhA's Diabetes Strategy for Pharmacists. Tucson, AZ. 2012; 1-49. A Report for the Canadian Pharmacists Association.

R15. Hospodar J, Jewett M, MacKinnon NJ, Driver F, Bergen A, Stoh D. Community Conversations on Healthcare: A Report on the Conversation in Ajo, AZ. Center for Rural Health, Tucson AZ, 2012; 1-26.

R16. Intergage Consulting Group. Needs Assessment of Specialization in Pharmacy in Canada. Ottawa, ON. 2015; 1-96. A Report for the Blueprint for Pharmacy.

R17. Intergage Consulting Group. Research Report. Toward an Optimal Future: Priorities for Action. Ottawa, ON. 2016; 1-49. A Report for the Pharmacy Thought Leadership Summit.

R18. Intergage Consulting Group. Research Report. Discussion Document: Priorities for Action. Ottawa, ON. 2016; 1-49. A Report for the Pharmacy Thought Leadership Summit.

R19. MacKinnon NJ, Penm J. Evaluation of the Implementation of the Ohio Emergency and Acute Care Facility Opioids and Other Controlled Substances Prescribing Guidelines. Cincinnati, OH. 2017; 1-52. Final Report to the Ohio Department of Health.

R20. MacKinnon NJ, Heaton P, Hincapie A. Naloxone Access and Impact Evaluation. Cincinnati, OH. 2018; 1-42. Final Report to the Ohio Department of Health.

Book reviews

BR1. Zwicker LA,* MacKinnon NJ. Pharmacotherapy: A Pathophysiologic Approach, 5th Edition. *Geriatrics Today*. 2002; 5(3): 157-8.

Textbook chapters

BC1. MacKinnon NJ, Sketris IS. Pharmaceutical Outcomes. In: Encyclopedia of Clinical Pharmacy. DiPiro J, ed. Marcel Dekker Inc. Publishing, New York, NY, 2002; 701-6.(www.dekker.com)

BC2. Flanagan PS*, MacKinnon NJ. Evaluation of Seamless Care Services. In: Seamless Care: A Pharmacist's Guide to Providing Continuous Care Programs. MacKinnon NJ, ed. Canadian Pharmacists Association, Ottawa, ON; 2003; pg. 107-118.

BC3. Zwicker LA*, MacKinnon NJ. Documentation Requirements for Seamless Care. In: Seamless Care: A Pharmacist's Guide to Providing Continuous Care Programs. MacKinnon NJ, ed. Canadian Pharmacists Association, Ottawa, ON; 2003; pg. 73-86.

BC4. Lee M*, MacKinnon NJ. Community Pharmacy Manager's Perspective. In: Seamless Care: A Pharmacist's Guide to Providing Continuous Care Programs. MacKinnon NJ, ed. Canadian Pharmacists Association, Ottawa, ON; 2003; pg. 49-65.

BC5. MacKinnon NJ, Zwicker LA*. Review of Seamless Care - Background. In: Seamless Care: A Pharmacist's Guide to Providing Continuous Care Programs. MacKinnon NJ, ed. Canadian Pharmacists Association, Ottawa, ON; 2003; pg. 1-12.

BC6. Glennie JL, MacKinnon NJ. Using pharmacoeconomic methodologies to develop health policy. *Pharmacoeconomics and Outcomes: Applications for Patient Care*, 2nd Ed. American College of Clinical Pharmacy, Kansas City, MO: 2003. 437-456.

BC7. MacKinnon NJ, Glennie JL. Policy Implications of a Health Economic Study. *Pharmacoeconomics and Outcomes: Applications for Patient Care, Case Studies*. American College of Clinical Pharmacy, Kansas City, MO: 2003; 90-96.

BC8. MacKinnon GE III, MacKinnon NJ. Documentation of Pharmacy Services. In: *Pharmacotherapy: A Pathophysiologic Approach*, 6th Edition. DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM, eds. McGraw-Hill, New York, NY; 2005: 39-50.

BC9. MacKinnon GE III, MacKinnon NJ. Documentation of Pharmacy Services. In: *Pharmacotherapy: A Pathophysiologic Approach*, 7th Edition. DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM, eds. McGraw-Hill, New York, NY; 2008: 7.

BC10. Brien S, Rosenbloom D, MacKinnon NJ. Implementing The Safety Competencies - A Case Example. In: *The Safety Competencies: Enhancing Patient Safety Across the Health Professions*. Frank JR, Brien S (eds) on behalf of The Safety Competencies Steering Committee. Canadian Patient Safety Institute. Ottawa, ON; 2008: 35-36.

BC11. Groves KEM*, MacKinnon NJ, Sketris I. Prescribing Behavior. In: *Social and Behavioral Aspects of Pharmaceutical Care*, 2nd Edition. Rickles NM, Wertheimer AI, Smith MC, eds. Jones and Bartlett Publishers. Sudbury, MA; 2009: 141-76.

BC12. MacKinnon GE III, MacKinnon NJ. Documentation of Pharmacy Services. In: *Pharmacotherapy: A Pathophysiologic Approach*, 8th Edition. DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM, eds. McGraw-Hill, New York, NY; 2011: 13.

BC13. Hincapie AL, MacKinnon NJ, Nau DP, Warholak TL. Assessing Pharmacy-Related Quality of Care. In: *Remington: The Science and Practice of Pharmacy*, 22nd ed. Pharmaceutical Press. London, UK; 2012; 2685-2693.

BC14. Groves KEM*, MacKinnon NJ, Sketris I, Gamble JM. Prescribing Behavior. In: *Social and Behavioral Aspects of Pharmaceutical Care*, 3rd Edition. Rickles NM, Wertheimer AI, Schommer JC, eds. Kendall Hunt Publishing Company. Dubuque, IA; 2016; 159-206.

Textbooks Edited

BE1. *Seamless Care: A Pharmacist's Guide to Providing Continuous Care Programs*. MacKinnon NJ, ed. Canadian Pharmacists Association, Ottawa, ON; 2003.

BE2. Safe and Effective. The Eight Essential Elements of an Optimal Medication-Use System. MacKinnon NJ, ed. Canadian Pharmacists Association, Ottawa, ON; 2007.

Books Authored

BA1. Take as Directed. Your Prescription for Safe Health Care in Canada. Church R, MacKinnon NJ. ECW Press, Toronto, ON; 2010. ISBN: 978-1-55022-952-3

- Endorsed by the Canadian Patient Safety Institute, Institute for Safe Medication Practices Canada, and Canadian Living Magazine
- #1 Nova Scotian book in the bestsellers list of the Halifax Chronicle-Herald, Aug 29, 2010
- #1 book in various categories according to www.amazon.ca at various times in Fall 2010, including *healthcare*, *doctor-patient relations*, and *physician & patient*.

Newsletters

N1. MacKinnon NJ, Nguyen T*. Medication Administration: What are the Best Practices? In: Patient Safety Matters. Canadian Patient Safety Institute Newsletter. June 2006; 2(1):4.

N2. MacKinnon NJ. Measuring the Impact of Workplace Wellness Programs. Connex Health Newsletter. No 20, April 30, 2010.

N3. MacKinnon NJ, Boyle T, Duggan K. Patient Safety Initiatives in Community Pharmacy Practice. *Safer Healthcare Now!* Newsletter. May 2010; 6(5).

Blog

BL1. MacKinnon NJ, Church R. Double Doctoring. Contributed one 400 –word entry every other week. August 2010-July 2011. www.canadianhealthcarenetwork.ca

BL2. MacKinnon NJ. Arizona Ruralways. Oct 2011-July 2013. www.crh.arizona.edu/blog

Newspaper Editorials

NE1. MacKinnon NJ. Role of pharmacists on the rise. *Telegraph-Journal*. September 9, 2010, pg A9.

GRADUATE STUDENTS AND RESEARCH FELLOWS SUPERVISED

Graduate Students

2019-date Sarah-Emily Nowlan, Master’s in Pharmacy Leadership, University of Cincinnati, Capstone Committee Chair (topic: The role of community pharmacists in the opioid crisis in Alberta, Canada)

- 2017-2018 Zack Dumont, Master's in Pharmacy Leadership, University of Cincinnati, Capstone Committee Chair (topic: hospital pharmacy leadership succession planning)
- 2017-2018 Hong Zeng Chartrand, Doctorate in Public Health (DrPH), University of Arizona, Dissertation Committee Member (topic: Care coordination for pediatric patients at Federally Qualified Health Centers in Arizona)
- 2012-2013 Christopher Gutierrez, Master's in Public Health, University of Arizona, Internship Committee Co-Chair (topic: National Policy Recommendations for Medicare Part C&D)
- 2012-2013 Shauna Durbin, Master's in Public Health, University of Arizona, Internship Committee Chair (topic: Tuberculosis control strategies in Sacramento County, California)
- 2012-2013 Sujana Vinjamuri, Master's in Public Health, University of Arizona, Internship Committee Member (topic: Analysis of root causes and intervention planning to reduce catheter-associated urinary tract infections at UMC, Tucson)
- 2012-2013 Rachel Doty, Master's in Public Health, University of Arizona, Internship Committee Chair (topic: Quality improvement in a Federally Qualified Health Center)
- 2012-2013 Hiba Khan, Master's in Public Health, University of Arizona, Internship Committee Chair (topic: Evaluation of the use of a Quality Calendar in Critical Access Hospitals)
- 2012-2013 Cora Crecelius, Master's in Public Health, University of Arizona, Internship Committee Chair (topic: A program to assist seniors to live safely in their homes in Safford, Arizona)
- 2012-2013 Nicholas Jennings, Doctorate in Public Health (DrPH), University of Arizona, Dissertation Committee Chair
- 2012-2013 Ali Gabriel, Doctorate in Public Health (DrPH), University of Arizona, Dissertation Committee Chair
- 2012-2013 Ana Hincapie, PhD in Pharmaceutical Outcomes, University of Arizona College of Pharmacy, Committee Member (topic: relationship between patients' perceptions of care quality and patient safety: A multinational analysis)

- 2012-2013 Dhfer Al Shayban, PhD in Pharmaceutical Outcomes, University of Arizona College of Pharmacy, Minor Advisor (in Public Health)
- 2012-2013 Kienan Williams, Master's in Public Health, University of Arizona, Internship Committee Chair (topic: Health planning and quality management in Serpent River First Nation)
- 2012-2013 Kristen Haven, Master's in Public Health, University of Arizona, Internship Committee Member (topic: Implementation of a childhood obesity educational program at the Canyon Ranch Institute)
- 2012-2013 Emily Coyle, Master's in Public Health, University of Arizona, Internship Committee Member (topic: community health needs assessment for Holy Cross Hospital)
- 2012 Jeremy Fuson, Master's in Public Health, University of Arizona, Internship Committee Chair (topic: Hermosa Vida – A Beautiful Life: From Planning to Implementation to fight Childhood Obesity)
- 2011- 2012 Matthew Kingry, Master's in Public Health, University of Arizona, Internship Committee Member (topic: Investigating the Arizona state trauma system based on a state needs assessment)
- 2011-2012 Laurel Jacobs, Doctorate in Public Health (DrPH), University of Arizona, Dissertation Committee Member (topic: Exploring social capital in a community health worker model of grassroots advocacy)
- 2011-2012 Aron Weisskopf, Master's in Public Health, University of Arizona, Internship Committee Member (topic: Medication Utilization Analysis and Engagement Outreach for CODAC/El Rio Whole Health Program)
- 2010-2011 Miguel Cortel, Master's in Health Administration, Dalhousie University (topic: Factors Influencing Physician Adoption of Electronic Health Records in Eleven Countries)
- 2010-2011 Ahmed Saleh, Master's in Community Health & Epidemiology, Dalhousie University, Thesis Committee Chair (topic: physician perspective of community pharmacist-reported medication incidents)

- 2010-2011 Shanna Trenaman, Master's in Applied Health Service Research, Dalhousie University, Thesis Committee Chair (topic: Preventable drug-related morbidity in older adults)
● Received a stipend for \$17,850 for 2011-12 through the CIHR-funded DSECT team.
- 2010-2011 Jill Duncan, Master's in Applied Health Service Research, Dalhousie University, Thesis Committee Chair (topic: Analysis of physician visits and drug use in Nova Scotia seniors)
● Received a stipend for \$17,850 for 2011-12 through the CIHR-funded Pharmaceutical Policy Research Collaboration (PPRC)
- 2010 Chris Jones, Master's in Health Administration, Dalhousie University (topic: Physician and Patient Perspectives on Access to Care: Implications for Decision Makers)
- 2009-2011 Andrea Scobie, Interdisciplinary Ph.D., Dalhousie University, Dissertation Committee Chair (topic: Perceptions of Patient Safety: What Influences Patient and Provider Involvement)
● Received CIHR Canada Graduate Scholarship Doctoral Award for \$35,000 per year, 2010-2012
- 2009 Eric Wainwright, Master's in Health Administration, Dalhousie University (topic: Physician knowledge of drug costs)
- 2009 Sean-Patrick Malone, Master's in Health Administration, Dalhousie University (topic: Using a Public Health Approach for the Pandemic of Medication Errors)
- 2008-2011 Heidi Deal, Master's in Applied Health Service Research, Dalhousie University, Thesis Committee Chair (topic: Medication error continuous quality improvement program for community pharmacy)
- 2008 Josh O'Hagan, Master's in Health Services Administration, Dalhousie University (topic: Self-Reported Medical Errors in Seven Countries: Policy Implications for Canada)
- 2008 Andrea Scobie, Master's in Health Services Administration, Dalhousie University (topic: Self-Reported Risk Factors for Medical Errors: Implications for Primary Health Care in Canada)
- 2007-2010 Mark Embrett, Master's in Applied Health Service Research, Dalhousie University, Thesis Committee Chair (topic: orphan drugs and drug policy)

- 2007 Alena Morrison, Master's in Health Services Administration, Dalhousie University (topic: Impact of drug policy on economic, clinical and humanistic outcomes)
- 2007 Erin Morrison, Master's in Health Services Administration, Dalhousie University (topic: Issues with private payer/employer wellness programs in Canada)
- 2006 Nik Agarwal, Master's in Health Services Administration, Dalhousie University (topic: Use of the Balanced Scorecard in Medication Error Prevention)
- 2005 Aman Verma, Master's in Health Informatics, Dalhousie University, Internship Supervisor (topic: development of a web-based tool for community pharmacy diabetes-related measurement system)
- 2005-2007 Kathleen Shipp, Master's in Applied Health Service Research, Dalhousie University, Thesis Committee Chair (topic: physician and pharmacist perceptions of prior authorization programs)
- 2005 Chris Gallant, Master's in Health Services Administration, Dalhousie University (topic: Disease management in Canada)
- 2004 Catherine Chow, Master's in Health Services Administration, Dalhousie University (topic: Canadian health executives' perceptions of managerial competencies)
- 2004 Karen McCaffrey, Master's in Health Services Administration, Dalhousie University (topic: The application of indicators of preventable drug-related morbidity by health executives)
- 2003-2008 Stacy Ackroyd, Interdisciplinary Ph.D., Dalhousie University, Dissertation Committee Member (topic: Application of the injury prevention model to patient safety)
- 2003-2009 Nicole Hartnell, Interdisciplinary Ph.D., Dalhousie University, Dissertation Committee Chair (topic: Determination of barriers to medication error reporting among Nova Scotia health professionals)
- Received NSHRF student award of \$40,060, 2003-2005
 - First ever recipient of The Quest: The John Reudy Award. This NSHRF award of \$5000 is "presented to the student researcher who demonstrates the greatest promise and potential for excellence in health research."
 - Received Dalhousie Killam Predoctoral Scholarship for \$23,000, 2005-2006
 - Received CIHR Canada Graduate Scholarship Doctoral Award for \$35,000 per year, 2005-2007

- 2001-2002 Vicki MacGarvie, Master's in Health Services Administration, Dalhousie University, Directed Research Supervisor (topic: An oncology perspective on issues with seamless pharmaceutical care); Thesis Committee Member (Topic: Wait time to first radiation therapy for Nova Scotians diagnosed with invasive cancer between 1992-2000).
- 2001-2002 Annette Down, Master's in Health Services Administration, Dalhousie University (topic: Monitoring and reporting medication errors in long-term facilities across Canada)
- 2001-2003 David Gardner, Master's in Community Health & Epidemiology, Dalhousie University, Thesis Committee Chair (topic: Comparing patient vs. physician responses in the valuation of patient-oriented antidepressant selection factors)
- 2001-2006 Kent Groves, Interdisciplinary Ph.D., Dalhousie University, Dissertation Committee Member (topic: A Model to assess the rate of adoption of new prescription drugs by physicians)
● Best student poster at Canadian Association for Health Services and Policy Research (CAHSPR) Annual Conference, 2006

Fellows Preceptor

- 2017-2018 Greg Sneed, Academic Fellowship co-preceptor
- 2016-2017 Erica Tolle, Academic Fellowship co-preceptor
- 2015-2017 Jonathan Penm, Post-Doctoral Fellowship Preceptor
- 2009-2010 Kimberley Sears, Post-Doctoral Fellowship Preceptor
● \$100,000 from the Canadian Health Services Research Foundation
- 2008-2010 Stacy Ackroyd, Fellowship Preceptor for the David Rippey Post-Doctoral Patient Safety Fellowship
● \$110,000 from the Canadian Patient Safety Institute and the Canadian Institutes of Health Research
- 2004-2005 Karen McCaffrey, Fellowship Preceptor (topic: Impact of drug policies in Canada on patient outcomes)
- 2002-2003 Nicole Hartnell, Fellowship Preceptor (topic: Comparison of GI risk and prescribing profiles of seniors receiving anti-arthritic agents in Nova Scotia)

- 2001-2003 Priti Flanagan, Post-Doctoral Fellowship Preceptor (topic: Preventable drug-related morbidity in the elderly)
- 2000-2001 Ritu Kumar, Fellowship Preceptor (topic: Prior authorization programs)
- 1999-2000 Derek Chaudhary, Fellowship Preceptor (topic: Health-related quality of life in formulary decision-making)

Pharmacy Residents

- 2002-2003 Jennifer Turple, Project Advisor (topic: An evaluation of the medication use process at the Queen Elizabeth II Health Sciences Centre: are there potential medication errors?)

Drug Policy Residents

- 2005 David Parker, Academic Advisor (topic: Health Professional Attitudes toward Medication Reconciliation)
- 2004 Stacy Ackroyd, Academic Advisor (topic: Identification of Risk Factors for Drug-Related Falls in the Emergency Department)
- 2003 Ghada Gabr, Academic Advisor (topic: PDAs for Clinical Documentation among Capital Health Hospital Pharmacists)
- 2003 Nicole Hartnell, Academic Advisor (topic: Development of a Proposal for a Diabetes Disease Management Study for the Nova Scotia Department of Health)

PharmD Students (post BSc) (Preceptor for Rotation)

- 2013 Maria Paiva, University of British Columbia
- 2013 Celia Culley, University of British Columbia
- 2011 Kendra Bernard-Sih, University of British Columbia
- 2009 Ann Thompson, University of Colorado
- 2008 Jennifer Isenor, University of British Columbia
- 2007 Rumi Pattar (McGloin), University of British Columbia
- 2006 Denise Sprague, University of British Columbia

MPH student mentor (The University of Arizona)

- 2013 Sarah Barrett
- 2012-2013 Shauna Durbin
- 2012-2013 Jennifer Parlin

2012-2013 Andrew Campos
2012-2013 Kienan Williams
2011-2013 Chandra Tontsch
2012 Jeremy Fuson
2012 Kimberly Ryan

External Examiner for PhD Thesis

2017 Sarira El-den, University of Sydney, Australia
2017 Aleksandra Stanimirovic, University of Toronto
2014 Jonathan Penm, University of Sydney, Australia
2014 Jerome Ng, University of Auckland, NZ

Other Students Mentored

2012 Jayce Ann Pangilinan, Biology student at Stanford University; preceptor for her internship at the Center for Rural Health
2010-2011 Waheed Asghar, PhD Student at University of Alberta; his mentor in the DSECT CIHR-funded research program

MISCELLANEOUS

Conferences Chaired

2013 Arizona Rural and Public Health Policy Forum, Phoenix, AZ, Jan 24, 2013.
2012 39th Annual Arizona Rural Health Conference, Tucson, AZ, Sept 13 & 14, 2012.
2012 Arizona Rural and Public Health Policy Forum, Phoenix, AZ, Jan 19, 2012.
2010 SafetyNET-Rx Training Conference. Halifax, NS, April 10, 2010 (co-chair with Tom Mahaffey).
2001 Managing Drug Safety for Commercial Success. Toronto, ON, Dec 6-7, 2001.
2000 Atlantic Canadian Conference on Pharmacoeconomics and Drug Benefit Management. Dartmouth, NS, Oct 13-15, 2000.

Media Interaction

2019 Interviewed for the article “UC map identifies Ohio’s opiate hot zones” by Michael Miller for UC News, Apr 15, 2019:
<https://www.uc.edu/news/articles/2019/04/n2079681.html>
2019 Interviewed for the article “How well does your health care provider understand you?” by Michele Ralston for UC News, Feb 20, 2019:
<https://www.uc.edu/news/articles/2019/02/n2069059.html>

- 2019 Interviewed for the article “Ohio physician allegedly ordered 28 people potentially fatal doses of opioid painkillers.” by Erik Ortiz for NBC News, Jan 26, 2019: <https://www.nbcnews.com/news/us-news/ohio-physician-allegedly-ordered-28-people-potentially-fatal-doses-opioid-n962516>
- 2018 Media associated with the release of our study on medication errors in Nova Scotia, Canada in *CMAJ Open*:
<https://www.uc.edu/news/articles/2018/12/n2057554.html> ,
<http://www.wvxu.org/post/why-uc-researcher-wants-ohio-monitor-its-pharmacies#stream/0> , <https://atlantic.ctvnews.ca/video?clipId=1570297> ,
<https://www.cbc.ca/news/canada/nova-scotia/study-tracks-prescription-errors-at-nova-scotia-drugstores-1.4952960> ,
<https://globalnews.ca/news/4773085/nova-scotia-pharmacy-errors/>
- 2018 Interviewed for the article “Kroger Helps UC Boost Minority Enrollment” by Barrett Brunsman for the Cincinnati Business Courier, Aug 27, 2018:
<https://www.bizjournals.com/cincinnati/news/2018/08/27/kroger-helps-uc-boost-minority-enrollment-in.html>
- 2018 Interviewed for the article “UC College Hires First Research Chief” by Barrett Brunsman for the Cincinnati Business Courier, Feb 8, 2018:
<https://www.bizjournals.com/cincinnati/news/2018/02/08/uc-college-hires-firstresearch-chief.html?ana=twl>
- 2018 Interviewed for the article “Addressing the Opioid Crisis” by Laura Toerner for the UC College of Nursing, Feb 5, 2018:
<http://blog.nursing.uc.edu/addressing-the-opioid-crisis>
- 2017 Interviewed for the article “MacKinnon Recognized by ASHP-ABHP for Diversity and Inclusion Efforts”, December 8, 2017:
<http://healthnews.uc.edu/news/?/29615/>
- 2017 Interviewed for the article “UC completes \$34M renovation of historic building” by Barrett Brunsman for the Cincinnati Business Courier, Oct 2, 2017: <https://www.bizjournals.com/cincinnati/news/2017/10/02/uc-completes-34m-renovation-of-historic-building.amp.html>
- 2017 Interviewed for the article “Alcohol and Medication: These Are The Medications You Should Never Mix With Alcohol: by Korin Miller for SELEF Magazine, August 31, 2017: <https://www.self.com/story/alcohol-and-medication>
- 2017 Interviewed for the article “UC Study Examines Opioid Prescribing and Practices in Ohio EDs”, August 2, 2017:
<http://healthnews.uc.edu/news/?/29266/>
- 2017 Interviewed on the CTV program, *Your Morning*, on the topic of medication errors, Mar 30, 2017: <http://www.ctv.ca/YourMorning/Articles/March-2017/Doctors-push-for-mandatory-reporting-for-prescript>

- 2017 Interviewed for the article "UC begins construction of \$61M building by Barrett Brunzman for the *Cincinnati Business Courier*, March 7, 2017: <http://www.bizjournals.com/cincinnati/news/2017/03/07/uc-begins-construction-of-61m-building.html?s=print>
- 2017 Interviewed for an investigative report on prescription errors by Jody Barr for Fox 19 (Cincinnati), Feb 22, 2017: <http://www.fox19.com/story/34577659/pharmacy-loophole-law-allows-pharmacists-secrecy-in-prescription-mistakes>
- 2016 Interviewed for the article "How widespread are prescription error problems in Canada? We really don't know" by Andrew Russell for Global News, Dec 4, 2016: <http://globalnews.ca/news/3103260/how-widespread-are-prescription-error-problems-in-canada-we-dont-really-know/?sf44799285=1>
- 2016 Interviewed for the article "Two views: Educating the cosmetic chemists of tomorrow" by Deanna Utroske for CosmeticsDesign.com, Dec 1, 2016: http://mobile.cosmeticsdesign.com/Formulation-Science/expert-opinion-column-Two-Views-educating-cosmetic-chemists?utm_source=Mobile_App_Share&utm_medium=Twitter&utm_campaign=SocialMedia
- 2016 Interviewed for the article "Nova Scotia pharmacies lead in safe medicine practices" by Heather Desveaux for the *Chronicle-Herald*, Nov 16, 2016: <http://thechronicleherald.ca/novascotia/1416107-nova-scotia-pharmacies-lead-in-safe-medicine-practices>
- 2016 Interviewed for the article "Pondering Our Future and a Closer Look at Specialization" by Karen Welds for the Diabetes Pharmacists Network of Canada, Nov 2016 newsletter: http://www.diabetespharmacistsnetwork.ca/wp-content/uploads/2016/11/November_2016_Newsletter.pdf
- 2016 Interviewed for the article "Examining Medication-Related Pediatric ED Visits" by Chris Cole for *Physician's Weekly*, Oct 24, 2016: <http://www.physiciansweekly.com/examining-medication-related-pediatric-ed-visits-2/>
- 2016 Interviewed by CBC TV (CBC British Columbia, Dan Burritt and CBC NewsNet, Ian Hanomansing) for story on fatal medication error, Oct 21, 2016.
- 2016 Interviewed for the article "Educators partner to provide expanded path to pharmacy leadership" by Angela Koenig, University of Cincinnati Academic Health Center Public Relations and Communications, April 4, 2016: <http://healthnews.uc.edu/news/?/27526/>

- 2016 Interviewed for the article “On the mend: online pharmacy programs bring education, practitioners to rural America” by Madeline Szrom in *INSIGHT Into Diversity*, Jan/Feb 2016, pgs 50-53. <http://www.insightintodiversity.com/wp-content/media/digitalissues/januaryfebruary2016/index.html>
- 2015 Interviewed for the article “UC college makes largest-ever hiring push, launches new projects with Cincinnati employers” by Barrett Brunsman for the *Cincinnati Business Courier*, June 22, 2015: <http://www.bizjournals.com/cincinnati/news/2015/06/22/exclusive-uc-college-makes-largest-ever-hiring.html>
- 2015 Media associated with CBC report on patient safety in community pharmacies. Interviewed for CBC News website story “Pharmacists fail to catch drug interactions” by Megan Griffith-Greene, Jan 19, 2015, <http://www.cbc.ca/news/business/pharmacists-fail-to-catch-drug-interactions-1.2917327> ; Interviewed for report on The National, CBC TV, Jan 20, 2015; Interviewed for live call-in CBC radio show BC Almanac, Jan 20, 2015; Interviewed for CBC News website story “Pharmacy errors: How often do they happen? Nobody knows” by Megan Griffith-Greene, Jan 21, 2015, <http://www.cbc.ca/news/health/pharmacy-errors-how-often-do-they-happen-nobody-knows-1.2920158> ; Interviewed for live CBC Saskatchewan radio show Afternoon Edition, Jan 21, 2015; Interviewed for the CBC News website story “4 pharmacy errors that can harm your health” by Megan Griffith-Greene, Jan 22, 2015, <http://www.cbc.ca/news/health/4-pharmacy-errors-that-can-harm-your-health-1.2926597> ; Interviewed for live call-in CBC radio show Ontario Today, Jan 23, 2015; Interviewed by CBC Marketplace TV for the video “Pharmacy Errors: Should Canada Track Them?”, Jan 23, 2015, https://www.youtube.com/watch?v=eg4NVgL_8vI
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- 2014 Interviewed for the article “Wise words from Dal alumni” by Alison DeLory for *Dal Magazine*, Nov 21, 2014: <http://alumni.dal.ca/news/alumni/wise-words-from-dal-alumni/>
- 2014 Interviewed for the article “Rural healthcare looked at during lecture” by Richard MacKenzie for the *Casket* (Antigonish, NS), Oct 23, 2014: <http://www.thecasket.ca/archives/41650>
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<http://www.modernhealthcare.com/article/20130507/MAGAZINE/130509987>
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<http://www.ashp.org/menu/MemberCenter/SectionsForums/SICP/Spotlight.aspx>
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<http://cronkitenewsonline.com/2012/12/officials-national-drug-shortage-having-pronounced-effect-in-arizona/>. Story also appeared on www.tucsonsentinel.com on Dec 3, on www.ktar.com on Dec 5 and on www.insidetucsonbusiness.com on Dec 14.
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- 2012 Featured in "Research Spotlight" in CSHP eBulletin, Vol 39, no 9, May 2012. <http://www.cshp.ca/productsServices/eBulletin/589/589.pdf>
- 2011 Interviewed by "Arizona Illustrated," KUAT-TV (PBS), Tucson, Arizona, on rural health issues in Canada and in Arizona, aired Oct 25, 2011.
- 2011 Profiled in *Rehab and Community Care Medicine* (www.rehabmagazine.ca), fall 2011 issue, Vol 20, No 3, pg 46 in the *Leading Edge* column
- 2011 Featured in *Canadian Leadership Council Drug Evaluation Meeting Report, June 21-22, 2011*, published by Benefits Canada. <http://www.benefitscanada.com/wp-content/uploads/2011/10/clc-drug-evaluation-1011.pdf>
- 2011 Interviewed by CBC Radio Prince Edward Island on healthcare safety, May 10, 2011.
- 2011 Interviewed for the story "Zombies, myths and pharmacare" published in *CMAJ*, April 19, 2011.
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- 2011 Research featured in the article "ER crowding puts patients at greater risk, study finds" by Tom Blackwell, National Post, Jan 27, 2011.
- 2011 Interviewed for the story "Pharmacy school produces quit smoking video" by Alison Delorey for www.canadianhealthcarenetwork.ca, Jan 19, 2011.
- 2011 Interviewed for the story "Anesthetic shortage worries hospitals", www.cbc.ca and CBC Radio, Jan 6, 2011
- 2011 Interviewed for the article "Bad Medicine" by Anna Sharratt, *Chatelaine*, Jan 2011, pg 73.

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- 2010 Interviewed for the article "Medication labels have led to deadly mistakes: pharmacists". *The National Post*, Sept 30, 2010.
- 2010 Interviewed by CBC Radio for story on family physicians and prescribing, Sept 27, 2010 (CBC Radio Sydney, Halifax, St. John's, Vancouver, Ottawa, Winnipeg, Whitehorse and Edmonton).
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- 2010 Interviewed by *Dalhousie Magazine* for story "Rx for success" on changes to pharmacy curriculum, by Skana Gee, Vol 27, No 1, Spring 2010.
- 2010 Interviewed by Metro News (Halifax and six other Canadian cities)(metronews.ca) for story on promoting student engagement in the university classroom "Don't just stare, get to know your professor", July 7, 2010.
- 2010 Research highlighted and photo in "NS pharmacies lead the way in med error reporting", *Pharmacy Practice*, June 2010 (vol 26, no 3), pgs 7-8.
- 2010 Interviewed by CanadianHealthcareNetwork.ca for the article, "New practitioners put top priority on patient-focused care", by Rosalind Stefanac, May 25, 2010.
- 2010 Interviewed by Bloomberg News (Washington, DC) for story on physician profiling and US healthcare reform, May 18, 2010
- 2010 Interviewed by CBC Radio for story on prescription drug spending, April 23, 2010 (CBC Radio Ontario, Sudbury, Saint John, Cape Breton, Corner Brook, Victoria, Regina, Kelowna, Whitehorse).
- 2010 Interviewed for the article "We spend a lot on meds". *The Chronicle-Herald*, April 23, 2010 (front page).
- 2010 Interviewed for the article "Pharmacy fight: Ontario's drug reforms being closely watched across country". *The National Post*, April 16, 2010.
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- 2010 Interviewed for the www.cbc.ca story "Bar-coded pills proposed for hospitals pharmacies", February 3, 2010.
- 2010 Interviewed by CBC Radio, national health unit, on bar coding for safe medication in Canada, February 3, 2010
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- 2009 Interviewed for the article "drug rebates raise questions on cots, transparency". *The National Post*, August 7, 2009 (front page).
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- 2009 Research featured in the DalNews Weekly, April 29, 2009 in the article "A line of defence against medication errors"
- 2009 Interviewed for the article "Need to revive national strategy for prescription drugs: Health Council of Canada, *Canadian Pharmacists Journal*; 142(2): 56-7
- 2009 Interviewed for the article "SafetyNET cast for medication errors" by Alison DeLory for www.pharmacygateway.ca, March 30, 2009
- 2009 Interviewed by Canada AM (live interview) for story on SafetyNET research study, March 26, 2009
- 2009 Interviewed/research featured in story on SafetyNET for the CTV National News, March 25, 2009
- 2009 Interviewed by TalkRadio570am (The Gary Doyle Show, Kitchener, ON) on medication errors and pharmacy dispensing technology.
- 2009 Interviewed by ctv.ca for story "How to protect yourself from medication errors", Mar 15, 2009, Angie Mulholland
- 2009 Interviewed for featured "View Point" column in *Benefits Canada*, Feb 2009, pg 54 (www.benefitscanada.com).
- 2008 Interviewed for the article "Get ready for an evolution" in *Pharmacy Practice Student Career Guide* Fall/Winter 2008, pg 13, 14-19.
- 2008 Research featured in *The Translator*, Fall 2008 (vol 2, no 4) (published by CPhA).
- 2008 Interviewed for article "Workplace wellness programs need a boost" in *Employee Benefit News Canada*, Vol 5, No 4, Sept 2008, pg. 15.
- 2008 Research featured prominently in *The Translator*, Summer 2008 (vol 2, no 2) (published by CPhA).
- 2008 Featured in article "Employer-funded test project educates doctors on Rx costs" in *Employee Benefit News Canada*, Vol 5, No 1, Jan/Feb 2008, pg 1, 16.
- 2008 Interviewed CBC Radio Maritime Noon (Halifax, radio show, Jan 4) about sampling and detailing
- 2007 Research profiled in "mind your meds" in the Dalhousie Magazine (Fall 2007, vol 24, no 2, pg 4).

- 2007 Research program profiled in the September 2007 (vol 38, no 9) issue of AACP (American Association of Colleges of Pharmacy) News (page 9).
- 2007 Featured in article "Owning Up" on drug benefit management in *Benefits Canada*, Vol 31, No 8, Aug 2007, pgs 47-51.
- 2007 Interviewed by The Chronicle-Herald (Halifax edition, newspaper, July 7; Nova Scotia provincial edition, newspaper, July 9), the Bridgewater Bulletin (newspaper, July 10), the Daily News (Halifax, newspaper, July 9), 95.7 FM (Halifax, radio, July 6), CBC Radio Maritime Noon (Halifax, live radio show, July 9) and ATV evening news (Halifax, live TV interview) for Harkness Award. Information about the award also contained in the Globe and Mail (Toronto, newspaper, July 9), The News (New Glasgow, newspaper, July 9), played on several radio stations on July 9 (CIGO-FM Port Hawkesbury, NS, CKCL-AM Truro, NS, CKEN-AM Kentville, NS, CJFX-AM Antigonish, NS, VOXM-AM St. John's, NF) and contained in *Canadian Healthcare Technology* (July 12, 2007, vol 4, no 13), Canadian Pharmacy Practice Research Group (CPPRG) Summer 2007 newsletter, and the *Canadian Pharmacist Journal* (Sept/Oct 2007, Vol 140, no 5, pg 279).
- 2007 Research featured in article "NB asthma care program shows inspiring results" in *Pharmacy Practice*, April 2007, Vol 23, no 4, pgs 12-13.
- 2007 Interviewed by Global TV (Maritimes) on prescription drugs and health literacy issues in seniors (aired Jan 26)
- 2006 Interviewed for article "New approach could help asthma sufferers", Times & Transcript (Moncton, NB), Dec 13, p. A9.
- 2006 PI of asthma study featured on CFQM-FM (Moncton, NB) (aired Dec 12).
- 2006 Interviewed by the Cape Breton Post for the front page article "Workers are cure to drug pandemic", Oct 30.
- 2004 Interviewed by Maritime Noon (CBC Radio) on research related to medication use in seniors (aired Dec 6)
- 2004 Interviewed for article "Seamless care delivers huge benefits to patients", The Globe & Mail, May 17. p5.
- 2004 Interviewed by Global TV (Maritimes) on KCL-related medication error deaths (aired Mar 25)
- 2004 Interviewed by Live at 5, ATV (Maritimes) on risks/benefits of drug therapy (aired Feb 18)
- 2004 Interviewed by Global TV (Maritimes) on seamless care (aired Feb 3)
- 2004 Interviewed by CBC Radio on preventable drug-related morbidity research (aired Jan 2)
- 2003 Interviewed by Global TV (national) on preventable drug-related morbidity research (aired Nov)
- 2003 Interviewed by Global TV (Maritimes) on Internet/international pharmacies (aired Nov)
- 2003 Research on preventable drug-related morbidity featured in an article in *Pharmacy Practice News*, April, pg 51, 75.

- 2001 Featured in article called “Newcomer wins Jessie I. MacKnight teaching award” in Dalhousie News, June 6, pg. 6.
- 2001 Founded IMPART (Initiative for Medication management, Policy Analysis, Research & Training) with Dr. Ingrid Sketris to facilitate collaborations with other researchers.