

University of Calgary
Faculty of Medicine
CURRICULUM VITAE

I. BIOGRAPHICAL DATA

Name: Kirsten Marie Fiest
Address: Department of Critical Care Medicine, McCaig Tower, Ground Floor
Office 04111, 3134 Hospital Drive NW
Calgary AB T2N 5A1
Email: kmfiest@ucalgary.ca
Telephone: 403 944 0747
Fax: 403 283 99943134

Present Rank: Assistant Professor
Department: Primary Appointment - Department of Critical Care Medicine
Cross Appointment - Department of Community Health Sciences
Institute: University of Calgary

II. ACADEMIC RECORD

Final Degree: PhD
Date Completed: 2014
Specialty: Epidemiology
Institution/City/
Country: University of Calgary/Calgary/Canada

- i) Undergraduate:
BSc Honours in Psychology, University of Calgary, 2008
“Sleep Quality and Cardiovascular Reactivity to Stress”
- ii) Special Professional:
N/A
- iii) Graduate and post-doctoral:
Postdoctoral Fellow Internal Medicine (Neurology), University of Manitoba, 2014-2015
Postdoctoral Fellow Clinical Neurosciences, University of Calgary, 2014
PhD Epidemiology, University of Calgary, 2014
“Depression in Epilepsy”
- iv) Licensure, certification and boards (e.g. FRCPC)
N/A
- v) Continuing Professional Development
- 2017 Sharpening your Personal Vision in the Academy, University of Calgary
2017 UFundamentals, Program Development, University of Calgary

2017 Summit for Women in Academic Medicine (Toronto, Ontario)

III. AWARDS AND DISTINCTIONS

2017 GREAT Supervisor Award, Faculty of Graduate Studies, University of Calgary
2015-2016 Postdoctoral Fellowship Award, Research Manitoba (declined) (\$36,750)
2015-2017 Postdoctoral Fellowship Award, Canadian Institutes of Health Research (CIHR) (declined) (\$90,000). **Ranked #1 out of 1119 applicants across Canada**
2015 Top Poster Award, Neuroinflammation Symposium & MB-ON endMS RRTC Retreat
2015-2017 Scholar Program for Researchers in Training (SPRINT), EndMS Research and Training Network
2015-2016 Postdoctoral Fellowship Award, Multiple Sclerosis Society of Canada (declined), (\$41,000)
2014 Governor General's Gold Medal Award Nominee, University of Calgary
2014 Mathison Centre for Mental Health Research & Education Researcher of the Month, May 2014, University of Calgary
2014 Izaak Walton Killam Pre-Doctoral Scholarship Nominee, University of Calgary
2014 Best Graduate Student Presentation, Sebastian K. Littmann Research Day. Department of Psychiatry, University of Calgary
2013 Faculty of Graduate Studies PhD Travel Award, University of Calgary (\$1,500)
2013 Graduate Student Award in Epilepsy Research, Canadian League Against Epilepsy (\$1,000)
2012 Alberta Graduate Student Scholarship, Government of Alberta (\$3,000)
2011-2015 Alberta Innovates Health Solutions Studentship, Government of Alberta (\$150,000)
2011 Research Data Center Student Incentive Grant, Statistics Canada (\$3,000).
2011 Faculty of Graduate Studies MSc Travel Award, University of Calgary (\$1,500).
2011 Trainee Research Paper Excellence Award, Hotchkiss Brain Institute, University of Calgary
2010-2012 Collaborative Research Grant Initiative, Alberta Health Services (\$60,000).
2010 Frederick Banting & Charles Best Canada Graduate Scholarship (declined), Canadian Institutes of Health Research (CIHR), (\$17,500)

IV. ACADEMIC APPOINTMENTS

2016- Assistant Professor, Critical Care Medicine, University of Calgary
2016- Assistant Professor, Community Health Sciences, University of Calgary

V EDUCATIONAL ACTIVITIES

i. UNDERGRADUATE

- 09/2017 – Brianna Rosgen, BHSc. Student, University of Calgary
Project title: Patient and Family Centred Delirium Assessment in the Critically Ill: A Systematic Review and Meta-Analysis
- 09/2016 – 04/2017 Jenna Park, BHSc Student, University of Calgary
Project title: Corticosteroids in a mouse model of delirium
- 06/2012- 06/2014 Kirsten Sjonnesen, BSc Student in Neuroscience at McGill

- University.
 Project: Using the PHQ-9 to Detect Depression in Persons with Multiple Sclerosis. Funded by an AIHS Summer Studentship. (Summer 2012).
 Project: Validity of the WHODAS in Persons with Psychiatric Disorders. Funded by an AIHS Summer Studentship (Summer 2014).
4. 06/2013- 09/2014
 Rebecca Viner, BSc Student in Neuroscience at McGill University.
 Project: Depression and Suicide in Persons with Multiple Sclerosis. Funded by an EndMS Summer Studentship.
 5. 06/2013 – 09/2013
 Thomas Ernert, BSc Student in Health Sciences at the University of Calgary.
 Project: A Population-Based Study of Depression in Persons with Parkinson’s Disease.
 6. 06/2013- 06/2016
 Chelsea Altura, BSc Student in Neuroscience at the University of Calgary.
 Project: The Treatment of Depression in Persons with Epilepsy. Funded by an AIHS Summer Studentship (Summer 2013).
 Project: Factors Associated with Suicidal Ideation in Persons with Neurological Conditions. Funded by an AIHS Summer Studentship (Summer 2014).
 7. 06/2013-09/2014
 Natalie Wiebe, BN Student in Nursing at the University of Calgary.
 Project: Using Scales to Measure Depression in Persons with Epilepsy (Summer 2013).
 Project: Validating a Single-Item Disease Severity Scale in Four Neurological Conditions (Summer 2014).
 8. 04/2015- 03/2016
 Brittany Litster, Research Assistant Applying to Medical School
 Project: Screening Tools for Anxiety in Persons with Multiple Sclerosis: A Systematic Review

Summer Student Supervision:

1. 04/2017 – 09/2017
 Brianna Rosgen, BHSc. Student, University of Calgary
 Project title: Patient and Family Centred Delirium Assessment in the Critically Ill: A Systematic Review and Meta-Analysis
 Funded by an O’Brien Institute for Public Health Summer Studentship

ii. GRADUATE

Co-Supervisor:

1. 12/2016 – present
 Guosong Wu (informal), Dept. Community Health Sciences, University of Calgary. Thesis: The Development of Patient Safety Indicators for Critically Ill Patients Admitted to the Intensive Care Unit (Tom Stelfox supervisor, Hude Quan co-supervisor)
1. 09/2016 – present
 Kyla Brown, MSc in Health Services Research.
 Thesis title: Long-term neuropsychiatric outcomes in survivors of critical care
2. 06/2014 -
 Joey Prinsie, 1st Year MD Student at the University of Alberta.

3. 06/2014 Project: Screening Tools for Depression in Persons with Stroke. Funded by an AIHS Summer Studentship.
Aida Raissi, 1st Year MD Student at the University of Alberta.
Project: Patterns of Depression Treatment in Persons with Multiple Sclerosis. Funded by an EndMS Studentship.

Supervisory Committee Member:

1. 09/2017 – present Simon Guienguere, PhD in Biostatistics
Thesis title: TBD

Course instruction:

1. 2017- Co-Instructor, Introduction to Epidemiology Graduate Course (MDCH 640), University of Calgary. ~50 students/year
2. 2016-2017 Co-Instructor, Advanced Epidemiology Graduate Course (MDCH 740), University of Calgary. ~10 students/year
3. 2013 Course Developer & Teaching Assistant, Introduction to Epidemiology Graduate Course (MDCH 640), University of Calgary. This first-year graduate student course is mandatory for all Community Health Sciences students- class size of ~35. The course was redesigned for Fall 2013 and I redesigned the entire lab/tutorial portion of the course, along with participating in overall course development.
4. 2012- Teaching Assistant, Introduction to Epidemiology Graduate Course (MDCH 640), University of Calgary. This first-year graduate student course is mandatory for all Community Health Sciences students- class size of ~35.
4. 2011- Teaching Assistant, Biostatistics I Graduate Course (MDCH University of Calgary). This first-year graduate student course is mandatory for all Community Health Sciences students- class size of ~35.

iii. POSTGRADUATE (HEALTH PROFESSIONAL & DOCTORAL RESEARCH FELLOWS)

1. 09/2017 - present Julie Kromm (informal), Department of Critical Care Medicine Fellow

iv. FACULTY MENTORSHIP

N/A

v. CONTINUING MEDICAL EDUCATION (Presentations)

1. 2016- Co-Instructor, Academic Project 3: Research Design and Data Variables, Department of Critical Care Medicine, University of Calgary

VI. ADMINISTRATIVE RESPONSIBILITIES

i. DEPARTMENTAL

- 2017 - Chair, Department of Critical Care Medicine Annual Academic Research Day

- 2017 - Chair, Department of Critical Care Medicine Quarterly Visiting Professor Speaker Series
- 2018 - Coordinator, Department of Community Health Sciences Health System Impact Fellowship Program

ii. FACULTY

- 2017 - Reviewer, Community Health Sciences Graduate Award Competition, Department of Community Health Sciences, University of Calgary
- 2018 - Member, OPEd Advisory Committee, Cumming School of Medicine, University of Calgary

iii. UNIVERSITY

iv. REGIONAL HEALTH AUTHORITY

VII. PROFESSIONAL ACTIVITIES

i. MEMBERSHIP IN PROFESSIONAL AND LEARNED SOCIETIES

- 2012-present Member, *American Epilepsy Society*
- 2013-present Member, *American Academy of Neurology*
- 2016-present Member, *Hotchkiss Brain Institute*
- 2016-present Member, *O'Brien Institute for Public Health*
- 2016-present Member, *Canadian Intensive Care Foundation*
- 2016-present Member, *Critical Care SCN Research Advisory Committee*
- 2016-present Member, *AHS Delirium Working Group Steering Committee*
- 2017-present Member, *Canadian Critical Care Trials Group*
- 2017-present Member, *Society for Epidemiologic Research*

ii. PROFESSIONAL SERVICE

Journal Review:

- 2018- present Reviewer, *PolicyWise for Children and Families*
- 2017- present Reviewer, *American Journal of Respiratory And Critical Care Medicine*
- 2015- present Reviewer, *Clinical Neurology and Neurosurgery*
- 2015- present Reviewer, *Epilepsia*
- 2015- present Reviewer, *Multiple Sclerosis Journal- Experimental, Translational and Clinical*
- 2014- present Reviewer, *Nigerian Journal of Clinical Practice*
- 2014- present Reviewer, *Journal of Clinical Psychology in Medical Settings*
- 2014- present Reviewer, *PLOS One*
- 2014- present Reviewer, *Epilepsy & Behavior*
- 2014- present Reviewer, *Annals of Internal Medicine*
- 2014- present Reviewer, *Health and Quality of Life Outcomes*
- 2014- present Reviewer, *BMC Public Health*
- 2013- present Reviewer, *Social Psychiatry and Psychiatric Epidemiology*
- 2013- present Reviewer, *International Journal of MS Care*
- 2013- present Reviewer, *Depression Research and Treatment*

2013- present Reviewer, *General Hospital Psychiatry*

National and International Committees:

2013- present Member, International League Against Epilepsy Stigma in Epilepsy Task Force

Other:

2017 - present Member, NIDUS Junior Faculty Working Group
2017 Participant, CEDARTREE/NIDUS Delirium Boot Camp, annual intensive course in delirium research. \$1000 USD travel grant.
2017 Member, Search and Selection Committee for Clinician-Scientist in Critical Care Medicine, University of Calgary
2013 Member, Search and Selection Committee for the Director of the Mathison Centre for Mental Health Research & Education, University of Calgary

VIII. RESEARCH SUPPORT

i) GRANTS PENDING

Peer Reviewed:

1. 2018-2020. Family Identification of Delirium in Critically Ill Patients Living with Frailty. Principal Investigator, \$100,000, 2018 Catalyst Grant Competition. *Canadian Frailty Network (CFN)*, Kingston, ON, Canada.
2. 2018-2022. Critical Care SCN: Innovative Clinical Trials & Implementation Science for Health System Quality. Co-Principal Investigator (PI, H. Thomas Stelfox), \$TBD (up to \$3,000,000), SPOR Innovative Clinical Trial Multi-Year Grant. *Canadian Institutes of Health Research (CIHR)*, Ottawa, Ontario, Canada.

GRANTS AWARDED

Peer Reviewed:

1. 2018-2020. Family-administered delirium detection in the critically ill. Principal Investigator, 100% allocation, \$428,400, Project Grant: Fall 2017. *Canadian Institutes of Health Research (CIHR)*, Ottawa, Ontario, Canada.
2. 2017-2022. SPOR REACH Network. Co-investigator (PI, Andrea Tricco), 0% allocation, \$15,826,000.00 (\$4,977,000.00 Canadian Institutes of Health Research, \$10,829,000.00 match funds), SPOR – Guidelines and Systematic Reviews. *Canadian Institutes of Health Research (CIHR)*, Ottawa, Ontario, Canada.
3. 2017-2020. De-Adopting Low-Value Practices in Critical Care Medicine. Co-investigator (PI, Jeanna Parsons Leigh), 0% allocation, \$321,300, Project Grant: Fall 2016. *Canadian Institutes of Health Research (CIHR)*, Ottawa, Ontario, Canada.
4. 2017-2019. Patient and family-centered delirium measurement in the critically ill. Principal Investigator, 100% allocation., \$76,000.00. *M.S.I Foundation*, Edmonton, Alberta, Canada.
5. 2017-2018. Patient and Family-Centered Delirium Assessment in Critically Ill Older Adults. Principal Investigator, 100% allocation, \$10,000. *Late Life Issues Team and Critical Care Strategic Clinical Network*, Calgary, Alberta, Canada.
6. 2017-2018. Delirium Assessment in the Critically Ill: A Patient and Family-Centered Approach. Principal Investigator, 100% allocation, \$50,000 (\$25,000 Canadian Institutes of Health Research, \$25,000, University of Calgary Clinical Health Services and Population Health Research Platform

Strategy). *Canadian Institutes of Health Research (CIHR) - Strategy for Patient-Oriented Research (SPOR)*, Ottawa Ontario.

7. 2017-2018. The Road to Recovery- Assessing Functional Outcomes of Pediatric Critical Care Survivors. Co-Applicant (PI, Paul Doughty), 0% allocation, \$25,000, Department of Pediatrics Innovation Award, *Alberta Children's Hospital Foundation*, Calgary, Alberta, Canada.
8. 2017-2018. Critical Care Clinical and Research Rehabilitation Database. Collaborator (PI, Chris Grant), 0% allocation, \$40,000 (\$20,000 PM&R Clinical Seed Grant, \$20,000 Department of Critical Care Medicine), *Physical Medicine and Rehabilitation Clinical Seed Grant*, Calgary, Alberta, Canada.
9. 2016-2018. Validating Screening Tools for Delirium Subtypes in the Critically Ill. Principal Investigator, 100% allocation, \$20,000, *Cumming School of Medicine Clinical Research Fund*, Calgary, Alberta, Canada
10. 2016-2017. The Epidemiology of Hypoactive Delirium in the Critically Ill. Principal Investigator, 100% allocation, \$10,000, *Critical Care Strategic Clinical Network (CC SCN)*, Calgary, Alberta, Canada.
11. 2016-2020. Development and Evaluation of a Family-Partnered Care Pathway for Critically Ill Older Patients. Primary Investigators: H.T. Stelfox & D. Heyland. Co-Investigator, 0% fund allocation, \$1,388,754, *Canadian Institutes of Health Research (CIHR)*, Ottawa, Ontario, Canada.

Non Peer-Reviewed:

1. 2016-2018 . New Investigator Start-up Funds. Primary Investigator, 100% allocation, \$65,000, *Department of Critical Care Medicine*, University of Calgary, Calgary, Alberta, Canada.
2. 2016-2018 . New Investigator Start-up Funds. Primary Investigator, 100% allocation, \$15,000, *O'Brien Institute for Public Health*, University of Calgary, Calgary, Alberta, Canada.

IX. INVITED ADDRESSES

PRIMARY PRESENTER

1. **Fiest FM**, Ely W. Moving Engagement Past the Bedside: Conducting Research and Publishing with Patients and Families. Society of Critical Care Medicine Critical Care Congress 2018. San Antonio, Texas, USA, February 25, 2018.
2. **Fiest, KM**. Subtypes of Delirium in the Critically Ill. CC SCN Provincial Delirium Initiative: Learning Session #3. Calgary, AB, November 29, 2017.
3. **Fiest, KM**. Incidence and Prevalence of Delirium Subtypes in the ICU: A Systematic Review and Meta-Analysis. Society of Critical Care Medicine, Honolulu, HI, January 2017.
4. **Fiest, KM**. Potentially Useful Data Sources for Studying Comorbidities in MS. International Workshop on Multiple Sclerosis Comorbidities, Toronto, ON, March 2015.
5. **Fiest, KM**. Depression in Epilepsy. Mathison Centre for Mental Health Research and Education Rounds, Calgary, AB, February 2014.
6. **Fiest, KM**. Depression in Persons with Epilepsy. Calgary Epilepsy Program Educational and Research Rounds, Calgary, AB, October 2013.
7. **Fiest, KM**. Depression in Epilepsy: A Systematic Review and Meta-Analysis. Mind and Brain-Public Health Perspectives Symposium, Calgary, AB, February 2013.
8. **Fiest, KM**. Chronic Conditions & Depression. Lupus Society of Alberta Annual Conference, Calgary, AB, May 2012.

SECONDARY PRESENTER

1. Stone CR, Haig TR, Fiest KM, McNeil J, Brenner DR, Friedenreich CM. The association of sleep duration with all-cause and cancer-specific mortality in cancer survivors: A systematic review and meta-analysis of prospective cohort studies. Canadian Society for Epidemiology and Biostatistics 2018 National Student Conference, Thunder Bay, ON, Canada, June 15-17, 2018. (Oral Presentation)
2. Yergens DW, Dutton DJ, **Fiest KM**. Automated Identification of National Health Survey Research Topics in the Academic Literature. Informatics for Health, Manchester, UK, April 2017.
3. Brown, KN., Rosgen, B; **Fiest, KM**; Stelfox, HT. Long term neuropsychiatric outcomes of intensive care unit patients: A systematic review. Poster Presented at: Campus Alberta Student Conference on Health; September 15th-16th, 2017. Edmonton, AB, Canada.
4. Krewulak K, Stelfox HT, Parsons Leigh J, Ely W, **Fiest KM**. Risk Factors and Outcomes among Delirium Subtypes in the Critically Ill: A Systematic Review
5. Presented at the 7th Annual Meeting of the American Delirium Society (June 4-6, 2017) in Nashville, TN
6. Rosgen B, Krewulak K, Demiantschuk D, Stelfox HT, Ely W, Davidson J, **Fiest KM**. Validation of Caregiver-Centered Delirium Detection Tools: A Systematic Review. Hotchkiss Brian Institute Summer Student Symposium, Calgary, Canada 2017
7. Rosgen B, Krewulak K, Demiantschuk D, Stelfox HT, Ely W, Davidson J, **Fiest KM**. Validation of Caregiver-Centered Delirium Detection Tools: A Systematic Review. Campus Alberta Student Conference on Health, Edmonton, Canada, Calgary, Canada 2017
8. Rosgen B, Krewulak K, Demiantschuk D, Stelfox HT, Ely W, Davidson J, **Fiest KM**. Validation of Caregiver-Centered Delirium Detection Tools: A Systematic Review. Brenda Strafford Centre on Aging: Resilience in Aging: Exploring people, places, and policies, Calgary, Canada 2017
9. Brown, KN., Guienguere, SO., Rosgen, B., Stelfox, HT, **Fiest, KM**. Long term neuropsychiatric outcomes of intensive care unit patients: A systematic review. Oral Presented at: 30th Annual ASICP Lake Louise Winter Meeting: January 20th, 2018. Lake Louise, AB, Canada.
10. Stone CR, Haig TR, **Fiest KM**, McNeil J, Brenner DR, Friedenreich CM. The association of sleep duration with all-cause and cancer-specific mortality in cancer survivors: A systematic review and meta-analysis of prospective cohort studies. Canadian Society for Epidemiology and Biostatistics 2018 National Student Conference, Thunder Bay, ON, Canada, June 15-17, 2018. (Oral Presentation)

X. PUBLICATIONS

i) PEER REVIEWED

Peer reviewed Manuscripts, Submitted:

1. **Fiest, KM**, Job McIntosh, C, Demiantschuk, D, Parsons Leigh, J, Stelfox, HT. Translating evidence to patient care through caregivers: a systematic review of caregiver-mediated interventions. *Annals of Internal Medicine*. (under review)
2. Doig L, Everson J, Hayden KA, **Fiest KM**, Grant C. Cognitive Assessments in the ICU – A Scoping Review. *Critical Care Medicine*. (submitted)
3. **Fiest, KM**, Williamson, DM & Marrie, RA. Gene-environment interaction and the risk of comorbid autoimmune disease in multiple sclerosis. *Multiple Sclerosis*. (in prep)
4. Krewulak, K, Stelfox, HT, Parsons Leigh, J, Ely, EW & **Fiest, KM**. Risk factors and outcomes among delirium subtypes in the critically ill: a systematic review. *Critical Care Medicine*. (in prep).

5. Krewulak, K, Stelfox, HT, Parsons Leigh, J, Ely, EW & **Fiest, KM**. Prevalence and incidence of delirium motoric subtypes in the ICU: a systematic review and meta-analysis. *Critical Care Medicine*. (in prep).
6. Altura, KC, Patten, SB, Williams, JVA, **Fiest, KM** & Jette, N. Medical and psychosocial outcomes in migraine – a national community-based survey. *Headache*. (under review)
7. Sajobi, TT, Zhang, Y, Wiebe, N, Patten, SB, Amoozegar, F, **Fiest, KM**, & Jette N. Global Assessment of Migraine Severity (GAMS): Preliminary Evidence of Construct Validity in Adult Migraneurs. (in prep)
8. Prisnie, J, Sajobi, TT, Zhang, Y, Patten, SB, **Fiest, KM**, Bulloch, AGM, Pringsheim, T & Jette, N. Do depression and anxiety impact quality of life equally in five common neurological disorders? *General Hospital Psychiatry*. (in prep)
9. Smith, EE, **Fiest, KM**, Roberts, JI, Jette, N, Maxwell, CJ, Pringsheim, T & Jette, N. The Prevalence and Incidence of Vascular Dementia: A Systematic Review and Meta-Analysis. (in prep)
10. Sajobi, TT, Patten, SB, Amoozegar, F, Wiebe, N, Zhang, Y, **Fiest, KM** & Jette, N. Correlates of disease severity in persons with migraine. *The Journal of Headache and Pain*. (under peer review)

Peer reviewed Manuscripts, In Press:

1. Jette N, Prisnie J, Sajobi T, Wang M, Patten S, **Fiest KM**, Bulloch A, Pringsheim T, Weibe S. Effects of depression and anxiety on quality of life in five common neurological disorders. *General Hospital Psychiatry*. General Hospital Psychiatry. 2018 in press.

Peer reviewed Manuscripts, Published:

1. Rosgen B, Krewulak K, Demiantschuk D, Ely EW, Davidson JE, Stelfox HT, **Fiest K**. Validation of Caregiver-Centered Delirium Detection Tools: A Systematic Review (Caregiver-Centered Delirium Detection Tools). *Journal of the American Geriatrics Society*. 18 April 2018. Doi: 10.1111/jgs.15362. [ePub ahead of print].
2. Kadhim, S, Pringsheim, T, Le, A, Fiest, KM, Patten, SB, Prisnie, J, Gill, S, Bulloch, AGM, Hu, B & Jette, N. Validating screening tools for depression in Parkinson's disease. *Movement Disorders*. 2018 Mar 24. doi: 10.1002/mds.27371. [Epub ahead of print]
3. Au, S, Couillard, P, Roze des Ordons, A, **Fiest, KM**, Lorenzetti, D & Jette, N. Outcomes of ethics consultations in adult intensive care units: A systematic review and meta-analysis. *Intensive Care Medicine*. 2018 Feb 1. doi: 10.1097/CCM.0000000000002999. [Epub ahead of print]
4. **Fiest, KM**, Greenfield, J, Metz, LM, Patten, SB, Jette, N, & Marrie, RA. Discriminative Ability of Quality of Life Measures in Multiple Sclerosis. *Health and Quality of Life Outcomes*. 2017; 15:246. Published online 2017 Dec 21. doi: 10.1186/s12955-017-0828-0
5. McKay, KA, Evans, C, Fisk, JD, Patten, SB, **Fiest, KM**, Marrie, RA & Tremlett, H. Disease-modifying therapies and adherence in multiple sclerosis: comparing patient self-report with pharmacy records. *Neuroepidemiology*. 2017;48(3-4):124-130. doi: 10.1159/000477771. Epub 2017 Jul 7.
6. Marrie, RA, Patten, SB, Berrigen, LI, Tremlett, H, Wolfson, C, Warren, S, Leung, S, **Fiest, KM**, McKay, KA, & Fisk, JD. Diagnoses of depression and anxiety versus current symptoms and quality of life in MS. *International Journal of MS Care*. 2017; doi: 10.7224/1537-2073.2016-110

7. Pham, T, Sauro, KM, Patten, SB, Wiebe, S, **Fiest, KM**, Bulloch, AGM & Jette, N. The prevalence of anxiety and associated factors in persons with epilepsy. *Epilepsia*. 2017 Aug;58(8):e107-e110. doi: 10.1111/epi.13817. Epub 2017 Jun 9
8. Amoozegar, F, Patten, SB, Becker, WJ, Bulloch, AGM, **Fiest, KM**, Davenport, WJ, Carroll, CR, & Jette, N. The Prevalence of Depression and the Accuracy of Depression Screening Tools in Migraine Patients. *General Hospital Psychiatry*. 2017 Sep;48:25-31. doi: 10.1016/j.genhosppsych.2017.06.006. Epub 2017 Jun 15.
9. **Fiest KM**, Bernstein CN, Walker JR, Graff LA, Hitchon, CA, Peshcken, CA, Zarychanski R, Abou-Setta AM, Patten SB, Sareen J, Bolton JM & Marrie RA. Systematic Review and Meta-Analysis of Interventions for Depression and Anxiety in Persons with Rheumatoid Arthritis. *Journal of Clinical Rheumatology*. 2017 February 17. doi: 10.1097/RHU.0000000000000489
10. Josephson, CB, Patten, SB, Bulloch, A, Williams, JVA, Lavorato, D, **Fiest, KM**, Secco, M & Jette, N. The impact of seizures on epilepsy outcomes: a national, community-based survey. *Epilepsia*. 2017 March 27. doi: 10.1111/epi.13723
11. **Fiest KM**, Sauro KM, Wiebe S, Patten SB, Kwon CS, Dykeman J, Pringsheim T, Lorenzetti DL, Jetté N. Prevalence and incidence of epilepsy: A systematic review and meta-analysis of international studies. *Neurology*. 2017 Jan 17;88(3):296-303. doi: 10.1212/WNL.0000000000003509.
12. Gill SJ, Lukmanji S, **Fiest KM**, Patten SB, Wiebe S, Jetté N. Depression screening tools in persons with epilepsy: A systematic review of validated tools. *Epilepsia*. 2017 May;58(5):695-705. doi: 10.1111/epi.13651. Epub 2017 Jan 8.
13. Ismail Z, Elbayoumi H, Fischer CE, Hogan DB, Millikin CP, Schweizer T, Mortby ME, Smith EE, Patten SB, **Fiest KM**. Prevalence of Depression in Patients With Mild Cognitive Impairment: A Systematic Review and Meta-analysis. *JAMA Psychiatry*. 2017 Jan 1;74(1):58-67. doi: 10.1001/jamapsychiatry.2016.3162.
14. Nguyen R, **Fiest KM**, McChesney J, Kwon CS, Jette N, Frolkis AD, Atta C, Mah S, Dhaliwal H, Reid A, Pringsheim T, Dykeman J, Gallagher C. The International Incidence of Traumatic Brain Injury: A Systematic Review and Meta-Analysis. *Can J Neurol Sci*. 2016 Nov;43(6):774-785.
15. Litster B, **Fiest KM**, Patten SB, Fisk JD, Walker JR, Graff LA, Bolton JM, Sareen J, Marriott JJ, Berrigan LI, Bernstein CN, Zarychanski R, Singer A, Hitchon CA, Peschken CA, Marrie RA; CIHR Team “Defining the Burden and Managing the Effects of Psychiatric Comorbidity in Chronic Immunoinflammatory Disease”. Screening Tools for Anxiety in People with Multiple Sclerosis: A Systematic Review. *Int J MS Care*. 2016 Nov-Dec;18(6):273-281. doi: 10.7224/1537-2073.2016-004.
16. Patten SB, Williams JV, Lavorato DH, Wang JL, Jetté N, Sajobi TT, **Fiest KM**, Bulloch AG. Patterns of association of chronic medical conditions and major depression. *Epidemiol Psychiatr Sci*. 2016 Oct 27:1-9. [Epub ahead of print]
17. Altura KC, Patten SB, **Fiest KM**, Atta C, Bulloch AG, Jetté N. Suicidal ideation in persons with neurological conditions: prevalence, associations and validation of the PHQ-9 for suicidal ideation. *Gen Hosp Psychiatry*. 2016 Sep-Oct;42:22-6. doi: 10.1016/j.genhosppsych.2016.06.006.
18. **Fiest KM**, Bernstein CN, Walker JR, Graff LA, Hitchon CA, Peschken CA, Zarychanski R, Abou-Setta A, Patten SB, Sareen J, Bolton J, Singer A, Marrie RA; CIHR Team “Defining the burden and managing the effects of psychiatric comorbidity in chronic immunoinflammatory disease”. Systematic review of interventions for depression and anxiety in persons with inflammatory bowel disease. *BMC Res Notes*. 2016 Aug 12;9(1):404. doi: 10.1186/s13104-016-2204-2.
19. McKay KA, Tremlett H, Patten SB, Fisk JD, Evans C, **Fiest KM**, Campbell T, Marrie RA; CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECoMS).

- Determinants of non-adherence to disease-modifying therapies in multiple sclerosis: A cross-Canada prospective study. *Mult Scler*. 2016 Jun 29. pii: 1352458516657440. [Epub ahead of print]
20. **Fiest KM**, Patten SB, Jetté N. Screening for Depression and Anxiety in Epilepsy. *Neurol Clin*. 2016 May;34(2):351-61, vii-viii. doi: 10.1016/j.ncl.2015.11.003.
 21. Marrie RA, Miller A, Sormani MP, Thompson A, Waubant E, Trojano M, O'Connor P, **Fiest KM**, Reider N, Reingold S, Cohen JA; attendees of the International Workshop on Comorbidity in Multiple Sclerosis. Recommendations for observational studies of comorbidity in multiple sclerosis. *Neurology*. 2016 Apr 12;86(15):1446-53. doi: 10.1212/WNL.0000000000002474.
 22. Hogan DB, Jetté N, **Fiest KM**, Roberts JI, Pearson D, Smith EE, Roach P, Kirk A, Pringsheim T, Maxwell CJ. The Prevalence and Incidence of Frontotemporal Dementia: a Systematic Review. *Can J Neurol Sci*. 2016 Apr;43 Suppl 1:S96-S109. doi: 10.1017/cjn.2016.25.
 23. Hogan DB, **Fiest KM**, Roberts JI, Maxwell CJ, Dykeman J, Pringsheim T, Steeves T, Smith EE, Pearson D, Jetté N. The Prevalence and Incidence of Dementia with Lewy Bodies: a Systematic Review. *Can J Neurol Sci*. 2016 Apr;43 Suppl 1:S83-95. doi: 10.1017/cjn.2016.2.
 24. **Fiest KM**, Jetté N, Roberts JI, Maxwell CJ, Smith EE, Black SE, Blaikie L, Cohen A, Day L, Holroyd-Leduc J, Kirk A, Pearson D, Pringsheim T, Venegas-Torres A, Hogan DB. The Prevalence and Incidence of Dementia: a Systematic Review and Meta-analysis. *Can J Neurol Sci*. 2016 Apr;43 Suppl 1:S3-S50. doi: 10.1017/cjn.2016.18.
 25. Jetté N, Maxwell CJ, **Fiest KM**, Hogan DB. Systematic Reviews and Meta-Analyses of the Incidence and Prevalence of Dementia and Its Commoner Neurodegenerative Causes. *Can J Neurol Sci*. 2016 Apr;43 Suppl 1:S1-2. doi: 10.1017/cjn.2016.38. No abstract available
 26. Prisnie JC, **Fiest KM**, Coutts SB, Patten SB, Atta CA, Blaikie L, Bulloch AG, Demchuk A, Hill MD, Smith EE, Jetté N. Validating screening tools for depression in stroke and transient ischemic attack patients. *Int J Psychiatry Med*. 2016 Apr;51(3):262-77. doi: 10.1177/0091217416652616.
 27. McKay KA, Tremlett H, Fisk JD, Patten SB, **Fiest KM**, Berrigan L, Marrie RA; CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECoMS). Adverse health behaviours are associated with depression and anxiety in multiple sclerosis: A prospective multisite study. *Mult Scler*. 2016 Apr;22(5):685-93. doi: 10.1177/1352458515599073.
 28. Berrigan LI, Fisk JD, Patten SB, Tremlett H, Wolfson C, Warren S, **Fiest KM**, McKay KA, Marrie RA; CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECoMS). Health-related quality of life in multiple sclerosis: Direct and indirect effects of comorbidity. *Neurology*. 2016 Mar 9. pii: 10.1212/WNL.0000000000002564. [Epub ahead of print]
 29. **Fiest KM**, Fisk JD, Patten SB, Tremlett H, Wolfson C, Warren S, McKay KA, Berrigan LI, Marrie RA; CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECoMS). Fatigue and Comorbidities in Multiple Sclerosis. *Int J MS Care*. 2016 Mar-Apr;18(2):96-104. doi: 10.7224/1537-2073.2015-070.
 30. **Fiest KM**, Marrie RA, Jette N, Bennett DA. The Standards of Reporting of Neurological Disorders (STROND) checklist: Application to multiple sclerosis. *Mult Scler*. 2016 Feb 26. pii: 1352458516634873. [Epub ahead of print]
 31. Patten SB, Williams JV, Lavorato DH, Bulloch AG, **Fiest KM**, Wang JL, Sajobi TT. Seasonal variation in major depressive episode prevalence in Canada. *Epidemiol Psychiatr Sci*. 2016 Jan 11:1-8. [Epub ahead of print]
 32. Atta CA, **Fiest KM**, Frolkis AD, Jette N, Pringsheim T, St Germaine-Smith C, Rajapakse T, Kaplan GG, Metcalfe A. Global Birth Prevalence of Spina Bifida by Folic Acid Fortification Status: A Systematic Review and Meta-Analysis. *Am J Public Health*. 2016 Jan;106(1):e24-34. doi: 10.2105/AJPH.2015.302902.

33. Mah JK, Korngut L, **Fiest KM**, Dykeman J, Day LJ, Pringsheim T, Jette N. A Systematic Review and Meta-analysis on the Epidemiology of the Muscular Dystrophies. *Can J Neurol Sci*. 2016 Jan;43(1):163-77. doi: 10.1017/cjn.2015.311.
34. **Fiest KM**, Walker JR, Bernstein CN, Graff LA, Zarychanski R, Abou-Setta AM, Patten SB, Sareen J, Bolton JM, Marriott JJ, Fisk JD, Singer A, Marrie RA; CIHR Team Defining the Burden and Managing the Effects of Psychiatric Comorbidity in Chronic Immunoinflammatory Disease. Systematic review and meta-analysis of interventions for depression and anxiety in persons with multiple sclerosis. *Mult Scler Relat Disord*. 2016 Jan;5:12-26. doi: 10.1016/j.msard.2015.10.004
35. Raissi A, Bulloch AG, **Fiest KM**, McDonald K, Jetté N, Patten SB. Exploration of Undertreatment and Patterns of Treatment of Depression in Multiple Sclerosis. *Int J MS Care*. 2015 Nov-Dec;17(6):292-300. doi: 10.7224/1537-2073.2014-084.
36. Bulloch AG, **Fiest KM**, Williams JV, Lavorato DH, Berzins SA, Jetté N, Pringsheim TM, Patten SB. Depression--a common disorder across a broad spectrum of neurological conditions: a cross-sectional nationally representative survey. *Gen Hosp Psychiatry*. 2015 Nov-Dec;37(6):507-12. doi: 10.1016/j.genhosppsych.2015.06.007.
37. Kolesar TA, **Fiest KM**, Smith SD, Kornelsen J. Assessing Nociception by fMRI of the Human Spinal Cord: A Systematic Review. *Magn Reson Insights*. 2015 Oct 27;8(Suppl 1):31-9. doi: 10.4137/MRLS23556.
38. Sajobi TT, Jette N, Zhang Y, Patten SB, **Fiest KM**, Engbers JD, Lowerison MW, Wiebe S. Determinants of disease severity in adults with epilepsy: Results from the Neurological Diseases and Depression Study. *Epilepsy Behav*. 2015 Oct;51:170-5. doi: 10.1016/j.yebeh.2015.07.036.
39. Sajobi TT, Jette N, **Fiest KM**, Patten SB, Engbers JD, Lowerison MW, Wiebe S. Correlates of disability related to seizures in persons with epilepsy. *Epilepsia*. 2015 Sep;56(9):1463-9. doi: 10.1111/epi.13102.
40. **Fiest KM**, Fisk JD, Patten SB, Tremlett H, Wolfson C, Warren S, McKay KA, Berrigan L, Marrie RA; CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECoMS). Comorbidity is associated with pain-related activity limitations in multiple sclerosis. *Mult Scler Relat Disord*. 2015 Sep;4(5):470-6. doi: 10.1016/j.msard.2015.07.014.
41. Patten SB, Burton JM, **Fiest KM**, Wiebe S, Bulloch AG, Koch M, Dobson KS, Metz LM, Maxwell CJ, Jetté N. Validity of four screening scales for major depression in MS. *Mult Scler*. 2015 Jul;21(8):1064-71. doi: 10.1177/1352458514559297
42. de Robles P, **Fiest KM**, Frolkis AD, Pringsheim T, Atta C, St Germaine-Smith C, Day L, Lam D, Jette N. The worldwide incidence and prevalence of primary brain tumors: a systematic review and meta-analysis. *Neuro Oncol*. 2015 Jun;17(6):776-83. doi: 10.1093/neuonc/nou283.
43. Patten SB, Williams JV, Lavorato DH, **Fiest KM**, Bulloch AG, Wang J. The prevalence of major depression is not changing. *Can J Psychiatry*. 2015 Jan;60(1):31-4.
44. Frolkis AD, Lipton DS, **Fiest KM**, Negrón ME, Dykeman J, deBruyn J, Jette N, Frolkis T, Rezaie A, Seow CH, Panaccione R, Ghosh S, Kaplan GG. Cumulative incidence of second intestinal resection in Crohn's disease: a systematic review and meta-analysis of population-based studies. *Am J Gastroenterol*. 2014 Nov;109(11):1739-48. doi: 10.1038/ajg.2014.297
45. Patten SB, Williams JV, Lavorato DH, **Fiest KM**, Bulloch AG, Wang J. Antidepressant use in Canada has stopped increasing. *Can J Psychiatry*. 2014 Nov;59(11):609-14.
46. Patten SB, Williams JV, Lavorato DH, **Fiest KM**, Bulloch AG, Wang J. Changing perceptions of mental health in Canada. *Can J Psychiatry*. 2014 Nov;59(11):591-6.
47. Pringsheim T, **Fiest KM**, Jette N. The international incidence and prevalence of neurologic conditions: how common are they? *Neurology*. 2014 Oct 28;83(18):1661-4. doi: 10.1212/WNL.0000000000000929.

48. **Fiest KM**, Jette N, Quan H, St Germaine-Smith C, Metcalfe A, Patten SB, Beck CA. Systematic review and assessment of validated case definitions for depression in administrative data. *BMC Psychiatry*. 2014 Oct 17;14:289. doi: 10.1186/s12888-014-0289-5.
49. **Fiest KM**, Patten SB, Wiebe S, Bulloch AG, Maxwell CJ, Jetté N. Validating screening tools for depression in epilepsy. *Epilepsia*. 2014 Oct;55(10):1642-50. doi: 10.1111/epi.12754.
50. **Fiest KM**, Patten SB, Altura KC, Bulloch AG, Maxwell CJ, Wiebe S, Macrodimitris S, Jetté N. Patterns and frequency of the treatment of depression in persons with epilepsy. *Epilepsy Behav*. 2014 Oct;39:59-64. doi: 10.1016/j.yebeh.2014.08.023.
51. Sajobi TT, **Fiest KM**, Wiebe S. Changes in quality of life after epilepsy surgery: the role of reprioritization response shift. *Epilepsia*. 2014 Sep;55(9):1331-8. doi: 10.1111/epi.12697.
52. **Fiest KM**, Sajobi TT, Wiebe S. Epilepsy surgery and meaningful improvements in quality of life: results from a randomized controlled trial. *Epilepsia*. 2014 Jun;55(6):886-92. doi: 10.1111/epi.12625.
53. **Fiest KM**, Birbeck GL, Jacoby A, Jette N. Stigma in epilepsy. *Curr Neurol Neurosci Rep*. 2014 May;14(5):444. doi: 10.1007/s11910-014-0444-x.
54. Viner R, **Fiest KM**, Bulloch AG, Williams JV, Lavorato DH, Berzins S, Jetté N, Metz LM, Patten SB. Point prevalence and correlates of depression in a national community sample with multiple sclerosis. *Gen Hosp Psychiatry*. 2014 May-Jun;36(3):352-4. doi: 10.1016/j.genhosppsy.2013.12.011.
55. Viner R, Patten SB, Berzins S, Bulloch AG, **Fiest KM**. Prevalence and risk factors for suicidal ideation in a multiple sclerosis population. *J Psychosom Res*. 2014 Apr;76(4):312-6. doi: 10.1016/j.jpsychores.2013.12.010.
56. Wiebe N, **Fiest KM**, Dykeman J, Liu X, Jette N, Patten S, Wiebe S. Patient satisfaction with care in epilepsy: how much do we know? *Epilepsia*. 2014 Mar;55(3):448-55. doi: 10.1111/epi.12537.
57. **Fiest KM**, Pringsheim T, Patten SB, Svenson LW, Jetté N. The role of systematic reviews and meta-analyses of incidence and prevalence studies in neuroepidemiology. *Neuroepidemiology*. 2014;42(1):16-24. doi: 10.1159/000355533.
58. Frolkis AD, Dykeman J, Negrón ME, Debruyne J, Jette N, **Fiest KM**, Frolkis T, Barkema HW, Rioux KP, Panaccione R, Ghosh S, Wiebe S, Kaplan GG. Risk of surgery for inflammatory bowel diseases has decreased over time: a systematic review and meta-analysis of population-based studies. *Gastroenterology*. 2013 Nov;145(5):996-1006. doi: 10.1053/j.gastro.2013.07.041
59. Josephson CB, Dykeman J, **Fiest KM**, Liu X, Sadler RM, Jette N, Wiebe S. Systematic review and meta-analysis of standard vs selective temporal lobe epilepsy surgery. *Neurology*. 2013 Apr 30;80(18):1669-76. doi: 10.1212/WNL.0b013e3182904f82.
60. **Fiest KM**, Dykeman J, Patten SB, Wiebe S, Kaplan GG, Maxwell CJ, Bulloch AG, Jette N. Depression in epilepsy: a systematic review and meta-analysis. *Neurology*. 2013 Feb 5;80(6):590-9. doi: 10.1212/WNL.0b013e31827b1ae0.
61. **Fiest KM**, Patten SB. The multiple sclerosis depression rating scale. *Expert Rev Neurother*. 2012 Sep;12(9):1053-5. doi: 10.1586/ern.12.89.
62. Sjonnesen K, Berzins S, **Fiest KM**, M Bulloch AG, Metz LM, Thombs BD, Patten SB. Evaluation of the 9-item Patient Health Questionnaire (PHQ-9) as an assessment instrument for symptoms of depression in patients with multiple sclerosis. *Postgrad Med*. 2012 Sep;124(5):69-77. doi: 10.3810/pgm.2012.09.2595.
63. **Fiest KM**, Currie SR, Williams JV, Wang J. Chronic conditions and major depression in community-dwelling older adults. *J Affect Disord*. 2011 Jun;131(1-3):172-8. doi: 10.1016/j.jad.2010.11.028.

ii) NON-PEER REVIEWED MANUSCRIPTS

iii) BOOKS, CHAPTER

iv) ABSTRACTS – PUBLISHED (PEER REVIEWED)

1. Fiest, KM; Parsons Leigh, J; Farris, M; Doig, L; Codan, C; Ely, W; Stelfox, HT. Incidence and Prevalence of Delirium Subtypes in the ICU: A Systematic Review and Meta-Analysis. Presented at Society of Critical Care Medicine, Honolulu, HI, January 2017.
2. McKay, KA, Tremlett, H, Patten, SB, Fisk, JD, Evans, C, Berrigan, L, **Fiest, KM**, Campbell, T, & Marrie RA. Determinants of non-adherence to disease-modifying therapies in multiple sclerosis - a cross-Canada prospective study. Presented at the American Academy of Neurology Annual Meeting, Vancouver, BC, April 2016.
3. Jette, N, Bulloch, AGM, Williams, J, Lavorato, D, **Fiest, KM**, & Patten, SB. Seizures matter! A national community-based survey of the impact of epilepsy on persons living with epilepsy. Presented at the American Epilepsy Society Annual Meeting, Philadelphia, PA, December 2015.
4. **Fiest, KM**, Wiebe, S, Patten, SB, Bulloch, AGM & Jette, N. Symptoms of Anxiety in Persons with Epilepsy. Presented at the International Epilepsy Congress, Istanbul, Turkey, September 2015.
5. Ismail Z, Elbayoumi H, Smith EE, Fischer C, Schweizer T, Millikin C, Hogan D, Patten S, **Fiest KM**. A Systematic Review and Meta-Analysis for the Prevalence of Depression in Mild Cognitive Impairment. Presented at Alzheimer's Association International Conference, Washington D.C, July 2015.
6. **Fiest, KM**, Fisk, J, Patten, SB, Tremlett, H, Wolfson, C, Warren, S, McKay, K, Berrigan, L & Marrie, RA for the CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECOMS). Comorbidity is associated with Pain in Multiple Sclerosis. Presented at the Consortium of Multiple Sclerosis Centers Annual Meeting, Indianapolis, IN, May 2015.
7. **Fiest, KM**, Fisk, J, Patten, SB, Tremlett, H, Wolfson, C, Warren, S, McKay, K, Berrigan, L & Marrie, RA for the CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECOMS). Comorbidity is associated with Pain and Fatigue in Multiple Sclerosis. Presented at the Neuroinflammation Symposium and MB-ON endMS RRTC Meeting, Toronto, ON, April 2015.
8. McKay, KA, Tremlett, H, Fisk, J, Patten, SB, **Fiest, KM**, Berrigan, L, & Marrie, RA for the CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECOMS). Adverse health behaviours are associated with depression and anxiety in multiple sclerosis: a prospective multi-site study. Presented at the Neuroinflammation Symposium and MB-ON endMS RRTC Meeting, Toronto, ON, April 2015.
9. **Fiest, KM**, Fisk, J, Patten, SB, Tremlett, H, Wolfson, C, Warren, S, McKay, K, Berrigan, L & Marrie, RA for the CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECOMS). Comorbidity is associated with Pain and Fatigue in Multiple Sclerosis. Presented at the American Academy of Neurology Annual Meeting, Washington, DC, April 2015.
10. Ismail, Z, Elbayoumi, H, Fischer, C, Hogan, D, Millikin, C, Schweizer, T, Smith, EE, Patten, SB & **Fiest, KM**. Depression in Mild Cognitive Impairment: A Systematic Review. Presented at the Sebastian K. Littmann Annual Psychiatry Research Day, Calgary, AB, March 2015.
11. **Fiest, KM**, Patten, SB, Altura, KC, Bulloch, AGM, Maxwell, CJ, Wiebe, S, Macrodimitris, S, & Jette, N. Patterns and Frequency of the Treatment of Depression in Persons with Epilepsy. Presented at the American Epilepsy Society Annual Meeting, Seattle, WA, December 2014.
12. Jette, N, Patten, SB, Wiebe, S, Bulloch, AGM, Macrodimitris, S, & **Fiest, KM**. Quality of life in persons with epilepsy. Presented at the American Epilepsy Society Annual Meeting, Seattle, WA, December 2014.

13. **Altura, KC, Fiest, KM, & Jette, N.** Suicidal ideation in persons with neurological conditions. Presented at the Undergraduate Research Symposium, Calgary, AB, November, 2014.
14. **Fiest, KM, Patten, SB, Bulloch, AGM, Wiebe, S, & Jette, N.** Tools to screen for depression in epilepsy. Presented at the Calgary Epilepsy Program Research Retreat, Calgary, AB, March 2014.
15. **Fiest, KM, Jette, N, Bulloch, AGM, Wiebe, S, & Patten, SB.** Tools to screen for depression in epilepsy. Presented at the Sebastian K. Littmann Annual Psychiatry Research Day, Calgary, AB, March 2014.
16. **Sajobi, T, Wiebe, S, Jette, N, Patten, S, Engbers, J, Fiest, KM, & Lowerison, M.** Global Assessment of epilepsy-related disability scale: a new measure of disability in an epilepsy patient population. Presented at the American Epilepsy Society Annual Meeting, Washington, DC, December 2013.
17. **Wiebe, S, Sajobi, T, Jette, N, Patten, S, Engbers, J, Fiest, KM, & Lowerison, M.** Construct validity of Global Assessment Severity of Epilepsy (GASE) scale in adult epilepsy population. Presented at the American Epilepsy Society Annual Meeting, Washington, DC, December 2013.
18. **Fiest, KM, Patten, SB, Bulloch, AGM, Wiebe, S & Jette, N.** The best tool to screen for depression in persons with epilepsy. Presented at the American Epilepsy Society Annual Meeting, Washington, DC, December 2013.
19. **Jette, N, Fiest, KM, Bulloch, AGM, Blaikie, L, Atta, C, Carroll, C, Wiebe, S, Dobson, K, Macrodimitris, S & Patten, SB.** The Neurological Disease and Depression Study (NEEDS): Description of the Epilepsy Cohort. Presented at the American Epilepsy Society Annual Meeting, Washington, DC, December 2013.
20. **Viner, B, Patten, SB, Berzins, S & Fiest, KM.** Prevalence and risk factors of suicidal ideation in the MS population. Presented at the Canadian Academy of Psychiatric Epidemiology annual meeting, Ottawa, ON, September 2013.
21. **Ernert, T, Fiest, KM, Williams, JVA, Lavorato, D, Bulloch, AGM, & Patten, SB.** A population-based study of depression in persons with Parkinson's Disease. Presented at the Campus Alberta Student Conference on Health, Banff, AB, September 2013.
22. **Fiest, KM, Jette, N, Quan, H, Patten, S, St. Germaine-Smith, C, Metcalfe, A, Beck, C.** Validation of depression coding in administrative data and recommendations for case ascertainment. Presented at the International Federation of Psychiatric Epidemiology Meeting, Leipzig, Germany, June 2013.
23. **Fiest, KM, Patten, SB, Dykeman, J, Wiebe, S, Lowerison, M, Bulloch, AGM, Atta, C, Blaikie, L, Carroll, C & Jette, N.** The Neurological Disease and Depression Study (NEEDS): Challenges in Epilepsy. Presented at the International Epilepsy Congress Meeting, Montreal, QC, June 2013.
24. **Fiest, KM, Dykeman, J, Eliasziw, M, Parrent, A & Wiebe, S.** Clinically important improvement in quality of life in medically and surgically treated patients with epilepsy: Results from a randomized controlled trial. Presented at the International Epilepsy Congress Meeting, Montreal, QC, June 2013 (Platform Presentation).
25. **Wiebe, S, Fiest, KM, Dykeman, J, Parrent, A & Eliasziw, M.** Impact of seizure frequency on improvement in quality of life in medically and surgically treated patients with epilepsy: results from a randomized controlled trial. Presented at the International Epilepsy Congress Meeting, Montreal, QC, June 2013.
26. **Jette, N, Pringsheim, T, Day, L, de Robles, P, Fiest, KM, Hamilton, M, Hogan, D, Korngut, L, Kwon, C, Lam, D, Mah, J, Marrie, R, Maxwell, C, Metcalfe, A, Oskoui, M, Patten, S, Pearson, D, Reid, A, Smith, E, Steeves, T, Svenson, L, Wiebe, S & Dykeman, J.** The international incidence and prevalence of neurological diseases: "Do we really know how common neurological conditions are? Challenges in Interpreting International Epidemiological Studies. Presented at the American Academy of Neurology Annual Meeting, San Diego, CA, March 2013.

27. **Fiest, KM**, Jette, N, Dykeman, J, Wiebe, S, Lowerison, M, Bulloch, AGM, Atta, C, Blaikie, L, Carroll, C & Patten, SB. The Neurological Disease and Depression Study (NEEDS): Challenges in Epilepsy. Presented at the 2013 Sebastian K. Littmann Research Day, Calgary, AB, March 2013.
28. **Fiest, KM**, Dykeman, J, Liu, XR, Patten, S, Jette, N & Wiebe, S. Satisfaction with epilepsy treatment in patients with epilepsy: A systematic review. Presented at the American Epilepsy Society Annual Meeting, San Diego, CA, December 2012.
29. Wiebe, N.K., **Fiest, KM**, Dykeman, J, Liu, XR, Jette, N, Patten, S, Wiebe, S. Satisfaction with epilepsy care: A systematic review. Presented at the American Epilepsy Society Annual Meeting, San Diego, CA, December 2012.
30. Dykeman J, Kwon CS, Dhaliwal H, **Fiest KM**, Wiebe S, Patten S, Pringsheim T & Jette N. The worldwide prevalence of epilepsy: A systematic review and meta-analysis. Presented at the American Epilepsy Society Annual Meeting, San Diego, CA, December 2012.
31. Jetté N, Kwon CS, Dhaliwal H, Mansoor N, Sauro K, **Fiest KM**, Wiebe S, Patten S, Pringsheim T & Dykeman J. The incidence of epilepsy: a systematic-review and meta-analysis. Presented at the American Epilepsy Society Annual Meeting, San Diego, CA, December 2012.
32. Wiebe, S, Kiss, Z, Ahmed, N, Andrade, D, Brownstone, R, Del Campo, M, Dykeman, J, **Fiest, KM**, Gross, D, Jette, N, Lowerison, M, McLachlan, R, Parrent, A, Pillay, N, Sadler, M, Save, S, Sherman, E, Valiante, T, Wennberg, M, Wheatley, M & Eliasziw, M. Medical vs electrical therapy for mesial temporal lobe epilepsy: A multicenter randomized trial. Presented at the American Epilepsy Society Annual Meeting, San Diego, CA, December 2012.
33. Lowerison, MW, Dykeman, J, **Fiest, KM**, Aghakani, Y, Wiebe, S & Liu, XR Factors associated with seizure remission in adult idiopathic generalized epilepsy: A systematic review. Presented at the American Epilepsy Society Annual Meeting, San Diego, CA, December 2012.

v) COMMUNICATIONS

XI. MOST SIGNIFICANT CONTRIBUTIONS TO RESEARCH

1. H-Index: 18
2. Total Number of Citations: 1100
3. 2015-2017. Postdoctoral Fellowship Award, Canadian Institutes of Health Research (CIHR) (declined) (\$90,000). **Ranked #1 out of 1119 applicants across Canada**
4. **Fiest, KM**, Dykeman, J, Patten, SB, Wiebe, S, Kaplan, GG, Maxwell, CJ, Bulloch, AGM, & Jette, N. (2013). Depression in Epilepsy: A Systematic Review and Meta-Analysis. *Neurology*, 80(6): 590-599. With an accompanying editorial and podcast.
5. Selected as first continuing education focus paper for:
Fiest, KM, Patten, SB, Fisk, JD, Tremlett, H, Wolfson, C, McKay, K, Berrigan, L, Warren, S & Marrie, RA for the CIHR Team in the Epidemiology and Impact of Comorbidities on Multiple Sclerosis (ECOMS). Fatigue and comorbidities in multiple sclerosis. *International Journal of MS Care* 2015 in press.

XII. RESEARCH THEMES OF INTEREST

1. Psychiatric and cognitive outcomes in the critically ill
2. Psychiatric comorbidities (depression, anxiety) in chronic health conditions (epilepsy, multiple sclerosis, inflammatory bowel disease)

3. Systematic reviews and meta-analyses