

KEYNOTE PRESENTATION

CFFM FHT eHealth Centre of Excellence
Dr. Mohamed Alarakhia, BSc (Hons), MD, CCFP



Director, CFFM FHT eHealth Centre of Excellence
Enabling Technologies (eHealth) Physician Lead, WWLHIN
Assistant Clinical Professor, McMaster University
Adjunct Professor, University of Waterloo

Dr. Mohamed Alarakhia is a Family Physician and the Director of the eHealth Centre of Excellence at the Centre for Family Medicine. He is the Waterloo Wellington LHIN Enabling Technologies (eHealth) Physician Lead. Mohamed is also an Assistant Clinical Professor at McMaster University and an Adjunct Professor at the University of Waterloo.

Mohamed has been fortunate to win a number of awards related to eHealth including the AFHTO Bright Light Award for Leveraging Technology to Improve Quality and Efficiency of Care. He was awarded the Ted Evans Scholarship for excellence in the principles of family medicine and for his exceptional interest and potential in informatics and information systems.

Mohamed has presented on a number of different eHealth topics in various forums including the regional physician education series, national and international conferences and research meetings.

| Time | Description | Location |
|-------------|---|--|
| 12:00 | Check-In, Poster Setup, Nutrition & Coffee Break | WRC Lecture Theatre (2018), Second Floor Poster Set-up – WRC Third Floor Atrium |
| 12:30 | Welcome, Introduction and Overview | WRC Lecture Theatre (2018), Second Floor |
| 12:40 | Keynote Address | WRC Lecture Theatre (2018), Second Floor |
| 1:15 | Poster/Networking Session 1; Lunch | WRC Third Floor Atrium |
| 2:15 | Concurrent Podium Session 1: <i>Technology & Health</i> | WRC Lecture Theatre (2018), Second Floor |
| 2:15 | Concurrent Podium Session 2: <i>Older Adults & Primary Care</i> | Pharmacy Building (PHR 1012) |
| 3:15 | Nutrition & Coffee Break | WRC Third Floor Atrium |
| 3:20 | Concurrent Podium Session 3: <i>Family Medicine Residents</i> <i>Note this session runs until 5:20pm, with a short break</i> | WRC Lecture Theatre (2018), Second Floor |
| 3:25 | Concurrent Podium Session 4: <i>Observational Studies, Risk Assessment & Exposure</i> | Pharmacy Building (PHR 1012) |
| 4:25 | Poster/Networking Session 2; Nutrition & Coffee | WRC Third Floor Atrium |
| 5:20 | Closing Ceremony and Presentation of Honours | WRC Lecture Theatre (2018), Second Floor |
| 5:30 | Symposium Adjourned | |

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| 12:00 | <i>Check-In, Nutrition & Coffee Break</i> | <i>Poster Set-up</i> | |
| 12:30 | Welcome, Introduction and Overview | | |
| 12:40 | Keynote Address | | |
| 1:15 | Poster/Networking Session 1 & Lunch | | |
| 2:15 | Concurrent Podium Session 1: <i>Technology & Health</i> | Concurrent Podium Session 2: <i>Older Adults & Primary Care</i> | |
| 3:15 | <i>Nutrition & Coffee Break</i> | | |
| 3:20 | Concurrent Podium Session 3: <i>Family Medicine Residents (3:20-5:20pm)</i> | | |
| 3:25 | | | Concurrent Podium Session 4: <i>Observational Studies, Risk Assessment & Exposure</i> |
| 4:25 | | | Poster/Networking Session 2; Nutrition & Coffee |
| 5:20 | Closing Remarks and Presentation of Honours | | |
| 5:30 | <i>Symposium Adjourned</i> | | |

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| <i>Room Key</i> |
| WRC Lecture Theatre (2018) Second Floor |
| WRC Third Floor Atrium |
| Pharmacy Building PHR 1012, Ground Floor |

ORAL PRESENTATIONS

For full abstract listing – QR CODE (<http://fhs.mcmaster.ca/mww-clinical-symposium/program.html>)

Session 1: Lecture Theatre (2018), Second Floor 2:15pm – 3:15pm

Technology & Health

O-1: A Simple Program to Improve Data Retrieval for Quality Improvement and Research Projects in Radiology

Kyle Greenway, Dr. Louis Wu*

Michael G. DeGroot School of Medicine Waterloo Regional Campus

O-2: Evaluating security features for mobile health applications in older adults

Kelly Grindrod, Hassan Khan, Urs Hengartner, Daniel Vogel, Robert Gebotys, Stephanie Ong, Alexander G. Logan, Jilan Yang*

University of Waterloo, School of Pharmacy

O-3: Validation of a Bedside Ultrasound Protocol to Predict Regional and Whole Body Lean Soft Tissue Mass in an Adult Population: Preliminary Results

Michael Paris, Marina Mourtzakis*

University of Waterloo, Department of Kinesiology

O-4: Quickchart EMR: A Mobile Electronic Medical Record for Remote Settings

Christopher Dainton, Charlene Chu*

Grand River Hospital, Emergency Department

Session 2: Pharmacy Building (PHR 1008) 2:15pm – 3:15pm

Older Adults & Primary Care

O-5: Implementing a Risk Screening Tool in Primary Care and an Emergency Department in Waterloo Wellington

Susie Gregg, Jacobi Elliott, Kathy Tschirhart*

St. Joseph's Health Centre, Guelph; Canadian Mental Health Association Waterloo-Wellington-Dufferin; UW GHS Research Group

O-6: Self-Administered Screening Approaches to Identify Community-Dwelling Older Adults at Risk for Adverse Outcomes

*Sophie Hogeveen**

University of Waterloo, School of Public Health and Health Systems

O-7: Evolution and Function of Chronic Disease Prevention and Management Clinics in a Family Health Team

Laura Brooks, Zach DeVries, Jacobi Elliott, Paul Stolee, George Heckman, Veronique Boscart*

University of Waterloo, School of Public Health and Health Systems, Geriatric Health Systems Research Group

O-8: The Personal Support Algorithm: A Common Language for Ontario's Home and Community Care Sector

Chi-Ling J. Sinn, John P. Hirdes*

University of Waterloo, School of Public Health and Health Systems

Session 4: Pharmacy Building (PHR 1008) 3:25pm – 4:25pm

Observational Studies, Risk Assessment & Exposure

O-9: Prenatal Exposure to Recreational Drugs Affects Motion Processing in Preschool Children

Arijit Chakraborty, Nicola S. Anstice, Robert J. Jacobs, Linda L. LaGasse, Barry M. Lester, Trecia A. Wouldes, & Benjamin Thompson*

University of Waterloo, School of Optometry and Vision Science

O-10: Are Falls Among Hospital In-Patients Linked To Vision Loss?

Leat SJ, Zecevic AA, Keeling A, Hileeto D, Labreche T, Brennan D, Brymer C*

University of Waterloo, School of Optometry and Vision Science

O-11: The Effect of Depression on Aggression over Time in Residential Long-Term Care

Turcotte, Luke, Dr. John Hirdes*

University of Waterloo, School of Public Health and Health Systems

O-12: The Measurement of Trochanteric Soft Tissue Thickness: Implications for Hip Fracture Risk Assessment Using the Factor of Risk Approach

Benoit Lafleur, Andrew Laing*

University of Waterloo, Department of Kinesiology

Family Medicine Quality Improvement Sessions

For full abstract listing – QR CODE (<http://fhs.mcmaster.ca/mww-clinical-symposium/program.html>)

Session 3: Lecture Theatre (2018), Second Floor 3:20pm – 5:20pm

FM-1: Does Knowing Costs Of OHIP Covered Lab Tests Alter Physician Ordering Practices In A Primary Care Setting?

Drs. Ling Chen, Anandita Gokhale, Tamara Chu & Ryan McArthur

McMaster KW & Area Family Residency Program

FM-2: Impact of Physician Use of Mobile Devices On Patients' Perception of And Satisfaction With Care During Patient-Physician Interactions

Drs. Martin Dyck, Robyn Sambrook & Ashleigh Allan

McMaster KW & Area Family Residency Program

FM-3: Survey of Resident Comfort with and Perceived Barriers to Advanced Care Planning

Drs. Alison Flanagan & Nicole Robichaud

McMaster KW & Area Family Residency Program

FM-4: Healthcare Provider Behaviour in Contraceptive Counseling: Are Young Women Being Given All The Options?

Drs. Jaclyn Kukat, Emily Devitt & Lisa Friars

McMaster KW & Area Family Residency Program

FM-5: At-Risk Postpartum Women: Are They Being Screened For Thyroiditis?

Drs. Cara Weymes & Marin Franchetto

McMaster KW & Area Family Residency Program

FM-6: Resident Awareness of Community Mental Health Resources in the Kitchener-Waterloo Area

Drs. Jordi McLeod, Jackie Vandereerden, Megan Fortino & Trish Froese

McMaster KW & Area Family Residency Program

POSTER PRESENTATIONS

For full abstract listing – QR CODE (<http://fhs.mcmaster.ca/mww-clinical-symposium/program.html>)

Third Floor Atrium Session 1: 1:15pm–2:15 & Session 2: 4:25-5:15pm

P-1: Falls Risk Screening of Older Adults in Emergency Department

*Mary Ostrowski **, *Deanna Dowsett*, *Brittany Graham*, *Nancy Rivard Tara Snyder*, *Terry Boshart*, *Sadhana Prasad*
St. Mary's General Hospital, Geriatric Medically Complex Clinic

P-2: Developing an Integrated System of Care for Frail Seniors through Knowledge Transfer

Jane McKinnon Wilson, *Susie Gregg*, *Audrey Devitt*, *Kathleen Purdon**, *Julia Borges*, *Maggie Weir**
Canadian Mental Health Association Waterloo Wellington Dufferin & St. Joseph's Health Centre Guelph, Specialized Geriatric Services

P-3: Helping Seniors with Increased Frailty Experience Quality Health Care

Jane McKinnon Wilson, *Audrey Devitt*, *Tiffany Symes*, *Cathy Sturdy Smith*, *Julia Borges**, *Kathleen Purdon*, *Maggie Weir*, *Mahnoor Gohar**
Canadian Mental Health Association Waterloo Wellington Dufferin & St. Joseph's Health Centre Guelph, Specialized Geriatric Services

P-4: Development of a Multidisciplinary Competency Framework for Geriatric Care in Canada

*Alison Castle**, *Andrew Costa*
Michael G. DeGroot School of Medicine Waterloo Regional Campus

P-5: The More-2-Eat project: Measurements for detecting frailty in older adults in an acute care setting

T. McNicholl, *H. Keller*
University of Waterloo, Department of Kinesiology

P-6: Pharmacists' Interventions in an Interdisciplinary Memory Clinic: A Retrospective Review

*Vincent Vuong**, *Linda Lee*, *Chao Dong Hu*, *Maheen Farooqi*, *Jillian Bauer*, *Tejal Patel*
University of Waterloo, School of Pharmacy

P-7: Non-pharmacological Interventions for Benzodiazepine Discontinuation in Elderly Persons: A Systematic Review

Melissa Lee, *Tejal Patel**, *Linda Lee**

McMaster University, Department of Family Medicine

P-8: The iPAGE Initiative: Developing an Interprofessional Passport for Geriatric Education

Jessica Ashbourne, Dimitar Kolev*, Brendan Lew*, Kia Gilani**

Michael G. DeGroot School of Medicine Waterloo Regional Campus

P-9: Improving Medical Decision Making in McMaster's Undergraduate Medical Curriculum

Emma Scotchmer, Janice Yu, Simone ten Kortenaar

Michael G. DeGroot School of Medicine Waterloo Regional Campus

P-10: The Role of Multidisciplinary Health Professionals in the Education of Medical Students

Ladha, Zamin; Merrifield, Kaylyn; Roeper, Rhiana; Kays Sommer, Jennifer; Lien, Kelly; Bite, Alexandra*

Michael G. DeGroot School of Medicine Waterloo Regional Campus

P-11: Silos to Synergies: Pharmacy & Medical Students Learning Better Together

Michael Lee-Poy, Jeff Nagge*, Elaine Lillie & Cynthia Richard*

McMaster University, Department of Family Medicine

P-12: MORE at Mac: Using a Quality Improvement Approach to Develop a Pre-Clerkship McMaster Online Radiology Education (MORE) Program

Gerald Gotesman, Patsy Lee, Vivian Ng, Molly Touzel

Michael G. DeGroot School of Medicine Waterloo Regional Campus

P-13: Professionalism Quality Improvement Project

Emanuel Ebrahim, Kia Gilani*, Michaela Ondrejicka, Jenifer Truong, Calvin Tsui, Yuming Wang**

Michael G. DeGroot School of Medicine Waterloo Regional Campus

P-14: Neighbourhood Marginalization Following Discharge from Psychiatric Care

Sebastian Rios, Chris Perlman*

University of Waterloo, School of Public Health and Health Systems

P-15: Short-Term Medical Service Trips: Encountered Disease Patterns and Their Ethical Implications

Olivia Geen, Allison Pumputis, Andrew Costa, Karl Stobbe*

Michael G. DeGroot School of Medicine Waterloo Regional Campus

P-16: Evaluation of Access of Antenatal Care in Matangwe, Kenya and Surrounding Communities

Alison Mikelsons, Joanne Kearon*, Olivia Kwan*

McMaster University, Michael G. DeGroot School of Medicine

P-17: Evaluation of the Attitudes of Interprofessional Education in Optometry Students

Sarah MacIver, Michelle Steenbakkens, Lisa Christian

University of Waterloo, School of Optometry and Vision Science

P-18: Vergence Eye Movements in Virtual Reality & Stereoscopic Environments

Ian Erkelens, Heidi Patterson, Vidhyapriya Sreenivasan, William R Bobier*

University of Waterloo, School of Optometry & Vision Science

P-19: Primary Care For Persons With SCI: How Can We Do Better?

James Milligan, Joseph Lee, Colleen Mcmillan, Loretta Hillier, Craig Bauman

McMaster University, Centre for Family Medicine

P-20: The More-2-Eat Project: Preliminary Audit of Nutrition Practices In 5 Canadian Hospitals

Renata Valaitis, Celia Laur, Stephanie Barnes, Michelle Booth, Donna Butterworth, Heather Keller

University of Waterloo, Department of Kinesiology

P-21: Nutrition Care in Hospital: Using Focus Groups and Interviews to Examine Current Nutrition Care Practices in Canadian Hospitals

Celia Laur, Renata Valaitis, Joseph Murphy, Heather Keller

University of Waterloo, Department of Kinesiology

P-22: Development of a Reliable Tool to Assess Knowledge, Attitudes and Practices of Hospital Staff Concerning Nutrition Care Practices in Canadian Hospitals

Celia Laur, Hannah Marcus, Tiffany Got, Heather Keller

University of Waterloo & Department of Clinical Nutrition, Grand River Hospital

P-23: Audit of Adherence to Intravenous Immunoglobulin (IVIG) Treatment Guidelines for Patients with Immune Thrombocytopenia

Nishwa Shah, Christopher Hillis*

McMaster University, McMaster Transfusion Research Program

P-24: The GRRCC Neoadjuvant Treatment Program for Breast Cancer: Development and Early Outcomes

Joshua Piticaru, Nadia Califaretti*

McMaster University, Internal Medicine

P-25: A Case of Orbital Metastasis Masquerading as Periorbital Cellulitis

Joshua Piticaru, Mala Bahl

McMaster University, Internal Medicine

P-26: Effectiveness of Community-Based Pharmacist Interventions in Chronic Non-Cancer Pain: A Systematic Review

Mo Chen, Tejal Patel, Trupti Kulkarni, Feng Chang*

University of Waterloo, School of Pharmacy

P-27: Vitamin D and Bone Health in Adults with Epilepsy: A Systematic Review

Haya Fernandez, Tejal Patel

University of Waterloo, School of Pharmacy

P-28: Locking It Down: The Privacy and Security of Mobile Medication Apps

Kelly Grindrod, Jonathan Boersema, Khrystine Waked*, Vivian Smith, Catherine Gebotys, Jilan Yang*

University of Waterloo, School of Pharmacy

P-29: Playing Telephone: Medication Management and Integrated Electronic Health Records

Kelly Grindrod, Catherine Burns, Jessie Chin, Kate Mercer, Damla Kerestecioglu, Jonathan Boersema, Khrystine Waked**

University of Waterloo, School of Pharmacy

P-30: Embrace Complexity: Realities of Shared Decision Making & Information Sharing

*Kathryn Mercer, Khrystine Waked, Jonathan Boeresma, Lisa Guirgis, Kelly Grindrod**

University of Waterloo, School of Pharmacy