

# Adam van Dijk, MSc

## Epidemiologist



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### EXPERTISE

- ◆ syndromic surveillance
- ◆ infectious disease
- ◆ ACES communications and training

### TECHNICAL SKILLS

- ◆ MS Office Suite
- ◆ R, SPSS
- ◆ IntelliHealth, Cognos ReportNet, SQL Server

### MEMBERSHIPS

- ◆ APHEO

As an epidemiologist for KFL&A Public Health, Adam is responsible for monitoring the health status of our residents, interpreting health-related data, and conducting local epidemiologic studies. He works primarily with infectious disease and provides epidemiologic supervision of KM's Acute Care Enhanced Surveillance (ACES) system that monitors Ontario's acute care hospitals for disease outbreaks. Adam works with KM's informatics team to maintain and improve ACES. He also trains new users and helps health authorities improve their use of ACES. Adam primarily provides local surveillance, but he also monitors regional and provincial trends to provide guidance for public health decision-making as needed. Adam has been working full-time with KFL&A Public Health since 2009. He was the secretary for the Association of Public Health Epidemiologist (APHEO) from 2013 to 2015. Adam enjoys walking his dog, Larry, camping and fishing trips, and a good single malt.

### EDUCATION

2006 **Master of Science, Epidemiology**  
Queen's University, Kingston ON  
Thesis: *Pain in Children: Descriptive and Etiologic Analyses*

2003 **Bachelor of Science, Health Sciences (Honours)**  
Brock University, St. Catharines ON

### Previous PROFESSIONAL EXPERIENCE

2009 **Epidemiologist (Contract)**  
Ontario Agency for Health Protection and Promotion, Kingston ON  
Adam completed a 3-month contract with the agency during which he was responsible for monitoring local trends in influenza and respiratory disease.

2007-2008 **Epidemiologist (Contract)**  
KFL&A Public Health, Kingston ON  
Adam was responsible for research activities towards the development of syndromic, Telehealth, and occupational health surveillance systems. Adam helped prepare 3 peer-reviewed articles from this work.

### Selected PUBLICATIONS

Dawson E, Lew J, Mauer-Vakil D, **Van Dijk A**, Belanger P, Moore KM. A longitudinal analysis of temporal and spatial incidence of neonatal abstinence syndrome in Ontario: 2003-2016. *Journal of Opioid Management*, 2018. In Press.

VanStone N, **van Dijk A**, Chisamore T, Mosley B, Hall G, Belanger P, Moore KM. Characterizing the effects of extreme cold using real-time syndromic surveillance, Ontario, Canada, 2010-2016. *Public Health Reports* 2017; 132(1\_suppl): 48S-52S.

**van Dijk A**, Dawson E, Moore KM, Belanger P. Risk assessment during the Pan American and Parapan American games, Toronto, 2015. *Public Health Reports* 2017; 132(1\_suppl): 106S-110S.

Hall G, Perry A, **van Dijk A**, Moore KM. Influenza assessment centres: a case study of pandemic preparedness to alleviate excess emergency department volume. *Canadian Journal of Emergency Medicine* 2013; 15(4): 198-205.

Fan C, **van Dijk A**, Fernando D, Hall JN, Wynn A, Gemmill I, Moore KM. Automated Mortality Surveillance in South-Eastern Ontario for Pandemic Influenza Preparedness. *Can J Public Health* 2010; 101(6):459-63.

Caudle JM, **van Dijk A**, Rolland E, Moore K. Telehealth Ontario detection of gastrointestinal illness outbreaks. *Canadian Journal of Public Health* 2009; 100(4):253-57.

**van Dijk A**, Aramini J, Edge G, Moore K. Real-time surveillance for respiratory disease outbreaks, Ontario, Canada. *Emerging Infectious Disease* 2009; 15(5):799-801.

**van Dijk A**, McGrath PA, Pickett W, VanDenKerkhof EG. Pain and self-reported health in Canadian children. *Pain Research and Management* 2008; 13(5):407-411.

**van Dijk A**, McGuinness D, Rolland E, Moore K. Can Telehealth respiratory call volume be used as a proxy for emergency department respiratory visit surveillance by public health? *Canadian Journal of Emergency Medicine* 2008; 10(1):18-24.

**van Dijk A**, McGrath PA, Pickett W, VanDenKerkhof EG. Pain prevalence in nine- to 13-year-old schoolchildren. *Pain Research and Management* 2006; 11(4):234-40.

VanDenKerkhof E.G., **van Dijk A**. Prevalence of chronic pain disorders in children. In: Schmidt R.F., Willis W.W., editors. *Encyclopedic Reference of Pain*. Heidelberg: Springer; 2006

Flouris A.D., Faught B.E., Hay J., and **Vandijk [sic] A**. Modeling Risk Factors for Coronary Heart Disease in Children with Developmental Coordination Disorder. *Annals of Epidemiology* 2003; 13(8): 591

## **Selected CONFERENCE and WORKSHOP PRESENTATIONS**

VanStone N, **van Dijk A**, Belanger P, Moore K. Lessons Learned from an Extreme Heat Event using ACES for Situational Awareness, Ontario, Canada. *Online Journal of Public Health Informatics*. 2019;11(1):e311. (Conference: 2019 ISDS Annual Conference, 29 January-1 February 2019, San Diego, CA)

Mosley B, **van Dijk A**. Practical Uses of ACES and PHIMS during a Public Health Threat or Disaster. *Emergency Preparedness in Healthcare Conference 2018*; Montreal QC: 7-8 December 2018.

KM Division (**van Dijk A**, Moore K, Belanger P). Update on the Acute Care Enhanced Surveillance (ACES) System in Ontario. *TOPHC 2017*; Toronto ON, March 2017. Poster Presentation

Moore K, **van Dijk A**, Mosley B, Zbar A, Badiani T. Acute Care Enhanced Surveillance (ACES) and Public Health Information Management System (PHIMS): A Practical Scenario-Based, Skill-Building Workshop. *Pre-Conference Workshop, TOPHC 2015*; Toronto ON: 25 March 2015.

Majury A, Evans G, Ryding D, Hall G, Moore, KM, **van Dijk A**. Rural Well Water Contamination and Human Health: An Investigation in Eastern Ontario. *AMMI Canada-CACMID Annual Conference 2011*. 7-9 April 2011. Poster Presentation.

**van Dijk A**, McPherson M, Sambol C, Moore KM. Infection Watch Live – A Real-Time, Geospatial Mapping Tool of Hospital Triage Data for Public Consumption. *International Society for Disease Surveillance Conference 2008*; Raleigh NC: 2008. Poster Presentation