

**Michael J. Sydora**  
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## QUALIFICATIONS

- Knowledgeable in econometrics, regression, statistical, and spatial analysis.
  - Proficient in STATA, SHAZAM, R, AutoCAD, SketchUp, ArcGIS, QGIS, Adobe Creative Cloud, Google Drive office suite, and Microsoft Office suite
  - Experience in research design and dissemination of results in form of oral and poster presentations, and scientific manuscripts
  - Accomplished in working in team settings and leadership positions
  - Organized and highly motivated worker
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## RESEARCH INTERESTS

- Land use economics
  - Rural development
  - Transportation economics
  - Urban agriculture
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## EDUCATION

Master of Science – Agricultural and Resource Economics University of Alberta	Sept 2020 – Apr 2022 ( <i>anticipated</i> )
Bachelor of Arts – Urban & Regional Planning major, History minor University of Alberta	Sept 2014 – Apr 2017
Bachelor of Arts - Economics major, Political Sciences minor University of Alberta	Sept 2008 – Apr 2012

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## PROJECT EXPERIENCE

**Assessment of Red Deer, Alberta Transit Plans** Jan 2017 – Apr 2017

- Reviewed City master plans, neighbourhood plans, transit plans, and city policies and bylaws
- Provided literature review on multimodal transit organization, transit focused development, and economic impacts of various transportation options
- Developed concepts for future transit routes, and new arterial road design backed by statistical and geographic data provided by the City of Red Deer.

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## RELEVANT WORK EXPERIENCE

### Research Assistant

Apr 2019 – Aug 2020

University of Alberta, Edmonton

- Assess contents of a selection of articles from databases for inclusion in systematic reviews designed to determine the benefits and cost effectiveness from introducing the National Surgical Quality Improvement Program to hospitals and clinics in Alberta
- Extracted relevant data from selected articles

### Supervisor / Operations Coordinator

Oct 2017 – Mar 2019

Airport Terminal Services, Vancouver International Airport

- Created employee rosters, daily task schedules, billing records, and flight records for future operations staff and managers based on programs and methods used in Edmonton and similar-sized operations in Vancouver, in addition to tasks listed below

### Supervisor / Operations Coordinator

Mar 2014 – Oct 2017

Airport Terminal Services, Edmonton International Airport

- Organizing and supervising a staff of 30-50 individuals, and equipment, to efficiently move cargo and baggage, check in customers, arrive flights, and move aircraft
- Determine daily gating assignments for inbound and outbound flights
- Ensuring daily security checks are completed
- Monitoring and/or conducting required training of personnel; providing employee counseling and discipline as needed
- Maintaining working relationship with airline and airport customers and providing prompt response to service requests; including daily meetings to provide updates on staffing levels and possible delays, travel restrictions, airport facility or system issues, and extra service requests, such as charter flights
- Ensuring all equipment maintenance procedures are done on each shift and logging all billing information, scheduling, and flight information
- Dispatching maintenance workers and mechanics as needed

### Summer Student Researcher

May – Oct 2010

Faculty of Medicine, University of Alberta

- Searched and reviewed relevant literature
- Recruited and interviewed over 120 patients for multiple medical studies, including patients with specific illnesses and healthy control participants
- Created surveys for patients enrolled in medical studies which were then approved by the ethics review board
- Conducted laboratory experiments to test new diagnostic tools
- Collected and organized data and presented findings at two conferences; Medical Research Day Edmonton, and CDDW Vancouver 2011
- *Publication:*  
Sydora, M.J., Sydora, B.C., and Fedorak, R.N. Validation of a point-of-care desk top device to quantitate fecal calprotectin and distinguish inflammatory bowel disease from irritable bowel syndrome. *Journal of Crohn's and Colitis* 2012 Mar; 6(2):207-14. Epub Sep 7, 2011