# **Administrative Linkages: So what?**

Presented by:

#### **Roger Pizarro Milian**

Assistant Director, Student Data + Advanced Analytics, University of Toronto

November 7th, 2025





## **Brief History: The "Dark" Ages (early 2010s)**

#### Access/Pathways

- Toronto District School Board (TDSB) (e.g., Anisef, Brown, & Robson, 2013)
- OUAC (e.g., Dooley, Payne, & Robb, 2012)

#### School-to-Work Transitions

National Graduates Survey (NGS) (e.g., Frenette, 2004; Walters, 2004)

#### Life Course

Youth in Transitions Survey (YITS) (e.g., Hango & de Broucker, 2007; Milla, 2012)



Intelligence Memos | October 27, 2017

# Finnie, Mueller, Sweetman – Debunking the Barista Fallacy: A New Way of Measuring Earnings of University Graduates

#### Higher education does lead to higher incomes: University of Ottawa study

Those with the biggest paycheques should come as no surprise: engineers, nurses and computer whizzes start at \$50,000 to \$60,000 a year straight out of university, and engineers can hit \$99,000 within eight years

July 26, 2016 | © 2 min read | | | | | | |



#### It's time to retire the myth of the educated barista

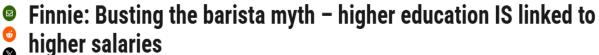
BARRIE MCKENNA > ECONOMICS REPORTER OTTAWA PUBLISHED JULY 31, 2016

Higher education still worth the money, new research suggests

Grads make more money in virtually every discipline, but gender gap remains

CBC News · Posted: Jul 26, 2016 10:08 AM EDT | Last Updated: July 26, 2016

Home / Columnists













**News** 

**New study debunks myth** that arts graduates end up in low-paying jobs

### The ELMLP Era (~2018 – present)

- Not a dataset, but a linkage environment.
- Growing number of administrative + survey datasets which can be "joined".
  - Enrolment files (PSIS)
  - Tax records (T1FF)
  - o Census 2016/2021
  - Ontario High School (EDU)
- Plethora of advantages:
  - Census-level coverage, facilitating analysis of structurally small groups.
  - No survey-related attrition, simplifies analysis.
  - Cost efficient, generated through regular operations.



### **Project 1: PSE Pathways and Student Debt**

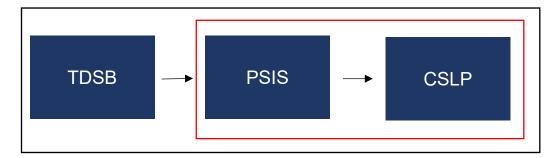
Research Articles

#### Who borrows, and how much? Student borrowing across postsecondary pathways in Ontario, Canada

Roger Pizarro Milian , Trisha Einmann , Danielle Bader, David Walters, Robert S. Brown & Gillian Parekh 
Pages 460-474 | Received 13 May 2021, Accepted 01 Nov 2022, Published online: 12 Dec 2022

66 Cite this article 

https://doi.org/10.1080/03075079.2022.2145463

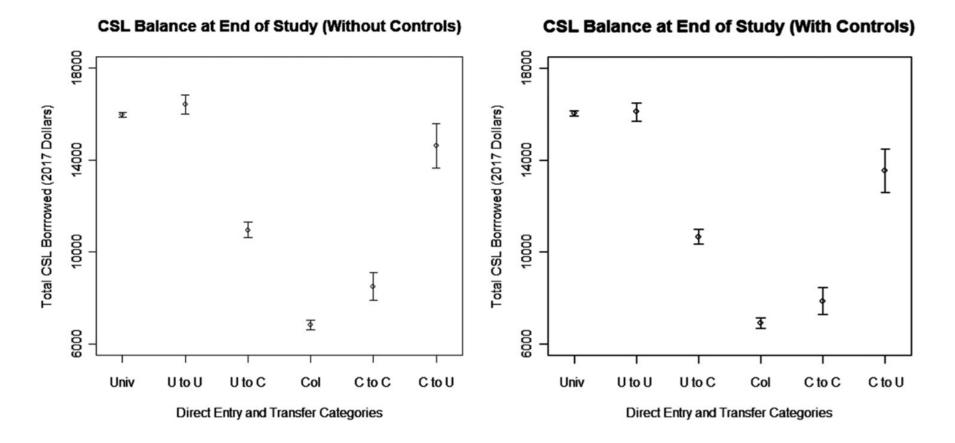


The Price of Pathways: Student Borrowing
Behavior across Postsecondary Pathways
Revisited

Original Article | Published: 14 August 2023
Volume 37, pages 670–691, (2024) Cite this article



## **Borrowing by PSE Pathway**





## **Project #2: Earnings by Institutional Type**



Figure 1. Annual Earnings, 3-years Out

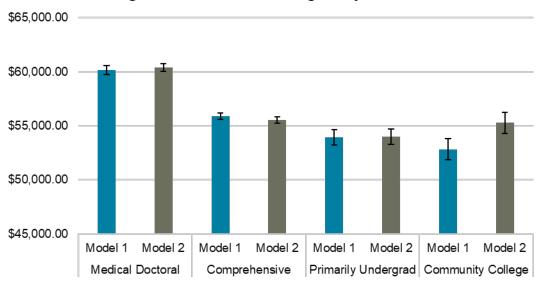
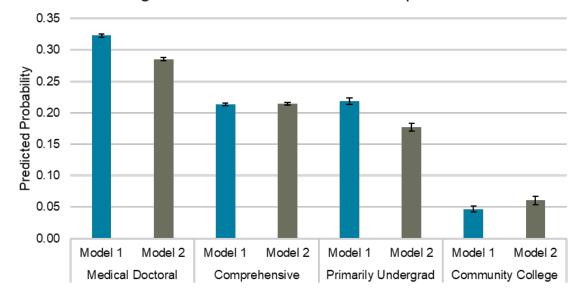
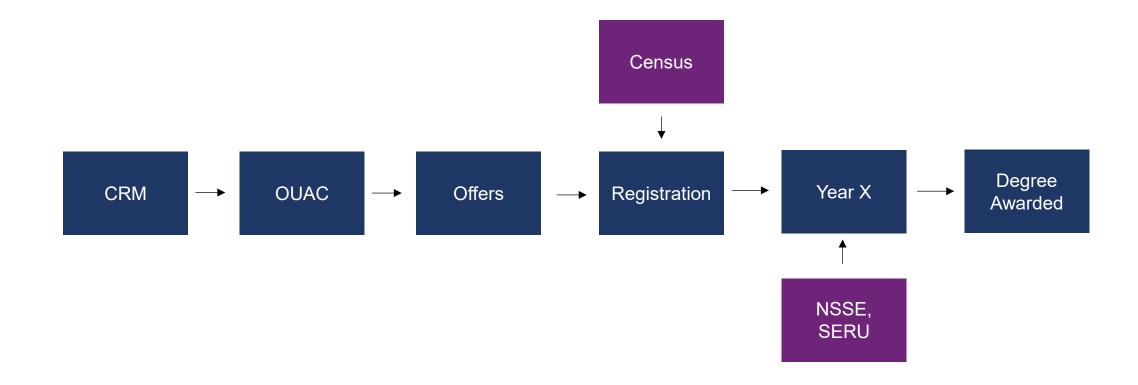


Figure 2. Graduate School Participation





## **Nothing Revolutionary...**





### **Thank You!**

#### Contact me:

• roger.pizarromilian@utoronto.ca

Follow my other rants:

• <a href="https://www.linkedin.com/in/rogerpizarromilian/">https://www.linkedin.com/in/rogerpizarromilian/</a>

