

## **Corinne Andriola**

Boston University, Department of Economics  
270 Bay State Road  
Boston, MA 02215  
E-mail: [andriola@bu.edu](mailto:andriola@bu.edu)  
Phone: 925-200-7579

---

### **EDUCATION**

- Ph.D., Economics, Boston University, Boston, MA, 2023  
Advisor: Randall Ellis
- M.A., Political Economy, Boston University, Boston, MA, 2020
- B.S., Mathematics, Oregon State University, Corvallis, OR, 2017
- B.A., Economics, Whitman College, Walla Walla, WA, 2012

### **FIELDS OF INTEREST**

Health Economics, Public Economics, Industrial Organization

### **PUBLICATIONS**

Randall Ellis, Jeffrey Siracuse, Allan Walkey, Karen Lasser, Brian Jacobson, **Corinne Andriola**, Alex Hoagland, Ying Liu, Chenlu Song, Tzu-Chun Kuo & Arlene Ash. “[Development and Assessment of A New Framework for Disease Surveillance, Prediction, and Risk Adjustment: The Diagnostic Items Classification System.](#)” *JAMA Health Forum*, (2022) 3(3): e2202276.

### **WORKING PAPERS**

**Corinne Andriola**, Randall Ellis, Jeffrey Siracuse, Alexander Hoagland, Heather Hsu, Allan Walkey, Karen Lasser, Tzu-Chun Kuo, & Arlene Ash. “A Novel Machine Learning Algorithm for Creating Risk Adjusted Payment Formulas.”

Alexander Hoagland, Randall Ellis, Karen Lasser, Heather Hsu, **Corinne Andriola**, Tzu-Chun Kuo, Jeffrey Siracuse, Allan Walkey, & Arlene Ash. “Incorporating Acuity, Laterality, Timing, and Other Diagnostic Modifiers into Risk Adjustment Formulas.”

**Corinne Andriola** and Chenlu Song. “Fairly Compensating Health Plans and Providers for Rare Diseases.”

**Corinne Andriola**, Tzu-Chun Kuo, and Randall Ellis. “Pooling Cross Product Matrices to Maintain Confidentiality While Enabling Data Sharing and Enhanced Linear Predictive Models.”

### **PRESENTATIONS**

- Risk Adjustment Network, Annual Conference, Weggis, Switzerland, 2021
- American Society of Health Economists, 10th Annual Conference, 2021
- International Health Economics Association, World Congress, 2021
- Risk Adjustment Network, Annual Conference, 2019

## **FELLOWSHIPS AND AWARDS**

National Bureau of Economics Research, Health Economics Research Boot Camp, 2019  
Oregon State University, Botand Gabor Eross Math Memorial Scholarship, 2017  
Whitman College, National Merit Scholarship, 2008-2012

## **ACADEMIC EXPERIENCE**

Research Assistant to Jetson Leder-Luis, Boston University, 2022-2023  
Research Assistant to Margaret Comeau, Boston University, 2022-2023  
Teaching Fellow, Introductory Macroeconomic Analysis, 2022  
Research Assistant to Randall Ellis, Boston University, 2019-2021  
Teaching Fellow, Introductory Microeconomic Analysis, Boston University, 2018-2019

## **WORK EXPERIENCE**

Consulting Research Analyst, Palliative Care Team, Cambia Health Solutions, Portland, OR, 2014-2015  
Actuary Assistant, Cambia Health Solutions, Portland, OR, 2012-2014

**COMPUTER SKILLS:** STATA, SAS, MATLAB, SQL, C++, LaTeX

**ACTUARIAL EXAMS:** Exam P-Probability, Exam FM – Financial Mathematics, Exam MFE – Models for Financial Economics, Exam C – Constructions and Evaluation of Actuarial Models

**CITIZENSHIP:** United States of America

## **REFERENCES**

**Professor Randy Ellis**  
Department of Economics  
Boston University  
Phone: 617-353-2741  
E-mail: ellisrp@bu.edu

**Professor Marc Rysman**  
Department of Economics  
Boston University  
Phone: 617-353-3086  
E-mail: mrysmar@bu.edu

**Meg Comeau, Senior Project Director**  
Boston University Center for  
Innovation in Social Work and  
Health  
Phone: 302-329-9261  
E-mail: mcomeau@bu.edu