

PATRICK W. KOVAL

PhD Student in Biostatistics, Boston University
Junior Biostatistician, VA Boston Healthcare System
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EDUCATION

Ph.D. in Biostatistics (ongoing) Sep 2022–Present
Boston University, Boston, Massachusetts

Non-Degree Coursework in Chemistry and Psychology Aug 2020–Aug 2021
Lansing Community College, Lansing, Michigan

B.A. in Mathematics and Economics Sep 2015–May 2019
College of the Holy Cross, Worcester, Massachusetts
Economics Departmental Honors Program
College Honors Program

RESEARCH EXPERIENCE

Junior Biostatistician Sep 2022–Present
VA Boston Healthcare System

- Analyze and report on veteran health information.
- Query Veterans Health Administration databases using SQL.
- Manage data using SAS and Excel.

AmeriCorps VISTA Member Mar 2020–Aug 2022
Opioid Prevention and Education Network
Michigan State University, East Lansing, Michigan

- Write training materials regarding data retrieval and introductory descriptive statistics using LaTeX.
- Coordinate data retrieval and analysis for organization community assessments.
- Edit websites using N2 and WordPress CMS.

Research Assistant Summer 2019
Department of Economics and Accounting
College of the Holy Cross, Worcester, Massachusetts

- Constructed empirical model and dataset for Koval and Bauman (2019).
- Conducted research regarding neurological contributors and correlates of impulsivity, aggressivity and suicidality.
- Used Excel and Stata to clean and manage data.

Weiss Independent Research Fellow Summer 2018
J.D. Power Center for Liberal Arts in the World
College of the Holy Cross, Worcester, Massachusetts

- Constructed empirical model and dataset for Koval (2018).
- Conducted research regarding neurological effects of lead exposure.
- Used Excel and Stata to clean and manage data.

Research Assistant

Summer 2017

Department of Economics and Accounting
College of the Holy Cross, Worcester, Massachusetts

- Conducted statutory and common law research for Johnson et al. (2020).
- Conducted research regarding corruption in construction contract assignment in preparation for sports mega-events for Matheson et al. (2018).
- Used Excel and Stata to clean and manage data.

RESEARCH AND PUBLICATIONS

Refereed Publications

Dang, Rushil R., Patrick William Koval, Vivian Chau, Janice M. Weinberg, and Pushkar Mehra. "Lifestyle and Career Satisfaction Amongst US-Based Oral and Maxillofacial Surgeons: Results of a Nationwide Survey." *Oral Surgery, Oral Medicine, Oral Pathology, and Oral Radiology* (November, 2022). doi.org/10.1016/j.oooo.2022.11.005.

Johnson, Matthew, Daniel Schwab, and Patrick Koval. "Legal Protection against Retaliatory Firing Improves Workplace Safety." *Review of Economics and Statistics* (June, 2022). doi.org/10.1162/rest_a_01225.

Working Papers

Koval, Patrick and Robert Baumann. "Psychological Extensions of the Economic Theory of Suicide: A Test of Two Proxies." (October, 2021). dx.doi.org/10.13140/RG.2.2.18274.66246.

Koval, Patrick and Robert Baumann. "The Impact of Impulsivity on Suicide and Homicide Rates." *College of the Holy Cross Department of Economics Faculty Research Series* no. 19-07 (July, 2019). dx.doi.org/10.13140/RG.2.2.10936.08964.

Koval, Patrick. "Toxic Effects of Lead Disposal in Water: An Analysis of TRI Facility Releases." *College of the Holy Cross Department of Economics Faculty Research Series* no. 18-09 (August, 2018). dx.doi.org/10.13140/RG.2.2.31774.38724.

Other Publications

Koval, Patrick, Jessica Barnes-Najor, and Lisa Martin. [Review of the book *Towards a New Ethnohistory: Community-Engaged Scholarship Among the People of the River* by Keith Thor Carlson, John Sutton Lutz, David M. Schaepe, and Naxaxalhts'i – Albert "Sonny" McHalsie]. *Journal of Higher Education Outreach and Engagement* (June, 2022).

Matheson, Victor A., Daniel Schwab, and Patrick Koval. "Corruption in the Bidding, Construction and Organisation of Mega-Events: An Analysis of the Olympics and World Cup." In *The*

Palgrave Handbook on the Economics of Manipulation in Sport. Springer International Publishing, 2018. doi.org/10.1007/978-3-319-77389-6.

Seminar Presentations

Advancing Behavioral Health Summit, March 17th, 2021: "Future flattening' in Suicidal Thought and Behavior: Reframing Impulsivity and the Integral Factor of Being Needed", with Robert Baumann. dx.doi.org/10.13140/RG.2.2.24845.05602.