Laura Cosgrove

📍 320 Manhattan Ave #62
New York, NY 10026

📞 (408) 219-4030

✈ laura.cosgrove@columbia.edu

EDUCATION

September 2018 - May 2020 | Candidate for M.S. in Biostatistics from **Columbia University Mailman School of Public Health**

August 2012 - May 2016 | B.A. magna cum laude with Distinction in Biochemistry from **University of Pennsylvania**

Cumulative GPA 3.75. *Selected courses*: Biochemistry Senior Research Seminar; Health Policy; Calculus (3 courses); Linear Algebra; Biochemistry (3) ; Organic & Physical Chemistry (6); Intermediate and Modern Physics (3)

EMPLOYMENT

June 2016 - Present | Product Development at **MedicaSafe**

Responsibilities include:

- regulatory support, including reviews of comparator medical device regulatory environment for FDA briefing package;
- research direction, including literature reviews defining research approach, authoring novel protocols, site recruitment and management, and participant support;
- programming and data analysis using SQL, resulting in poster presentation and grant renewal submission;
- and data visualization, front end development, and design, using HTML/CSS/Javascript and Adobe suite

RESEARCH EXPERIENCE

August 2015 - May 2016 | Research Assistant with **Pennlincs Group, Institute for Research in Cognitive Science**

Completed independent project using data from four-year, thirty-school efficacy and replication study of the implementation of software modules designed for perceptual learning of number, distance, and geometrical concepts in middle school mathematics education. Use of STATA and R statistical software.

September 2012 - July 2014 | Research Assistant with **Lindstrom Lab, Perelman School of Medicine**

Assisted a post-doctoral researcher with experiments involving drug candidates' allosteric modulation of the electrochemical response of nicotinic-acetylcholine receptor subtypes expressed in oocytes.

TEACHING EXPERIENCE

January 2014 - May 2016 | Peer Tutor at **Penn Critical Writing Program**

CONFERENCE PUBLICATIONS

November 2017 | *POSTER* "Secure Remote Dispensing Technology to Ensure Medication Compliance and Improve Outcomes in Buprenorphine-Naloxone Treatment for Opioid Dependence: A Community Treatment Center Retrospective Cohort Case Study." Cosgrove, L.E., Kelliher, C., Mattai, A., & Ervin, M. *IN* Innovations in Clinical Neuroscience, CNS Summit 2017

April 2016 | *PAPER* "What Were They Thinking? Diagnostic Coding of Conceptual Errors in a Mathematics Learning Software Data Archive." Massey, C.M., Kregor, J.D., Cosgrove, L.E., & Lee, H. *IN* Papafragou, A., Grodner, D., Mirman, D., & Trueswell, J.C. (Eds.) (2016). Proceedings of the 38th Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society.