

ALEC BODOLAY

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EDUCATION

University of California Santa Barbara

Santa Barbara, CA

Bachelor of Science: Biopsychology - GPA: 3.61

Jan 2021 - Sept 2022

- Relevant Coursework: Research Methods, Research Statistics, Computational Neuroscience, Biochemistry, Behavioral Neuroscience, Behavioral Endocrinology, Psychopharmacology

Santa Monica College

Los Angeles, CA

Associate Degree: Biological Science - GPA: 3.64

Aug 2017 - Jun 2020

- Relevant Coursework: General Chemistry, Organic Chemistry, Cell Biology and Evolution, Genetics and Molecular Biology, and Organismal and Environmental Biology.
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EXPERIENCE

Massachusetts General Hospital - Center for Addiction Medicine

Boston, MA

Programmer

Oct 2022 - Present

- Implemented R data pipelines under Git version control system to clean incoming data for analysis;
- Created Shiny apps to automate monitoring, visualization, and export of collected data;
- Designed an annual report that is automatically generated with unique epidemiological data from 60+ schools in Massachusetts;
- Performed linear regression models in R for both preliminary analysis and paper publication;
- Harmonized yearly databases over 3 versions of an anonymous survey for longitudinal analysis;
- Orchestrated data collection methods and contributed to instrument revisions;
- Generated figures, tables and reports for paper publication and grant submission.

University of California Santa Barbara - Miller's Memory Lab

Santa Barbara, CA

Research Assistant

Jul 2021 - Feb 2022

- Recruited participants, and administered memory tests to human subjects.
- Created computer tasks to measure free-recall using OpenSesame.

Bar-Ilan University - Developmental Neuropsychology Lab

Tel Aviv, Israel

Intern

Aug 2020 - Dec 2020

- Cleaned and analyzed data from eye-tracking technology;
 - Conducted ANOVA and other statistical analyses using R.
 - Generated figures, tables and reports for internal presentation.
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VOLUNTEER WORK

Sustainable Works

Santa Monica, CA

Workshop Leader

Jun 2018 - Jun 2019

- Lectured about important environmental issues and their solutions (e.g Water, Energy, Waste, Transportation, Food/Shopping, Chemicals) while encouraging members to be proactive, develop student leadership, public speaking, and collaboration skills.
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LANGUAGES AND SKILLS

Languages: Portuguese (Native), English (Fluent), French (Intermediate), Spanish (Basic).

Computer: Programming with R, Python, VBA, UNIX shell/utilities, Mathematica, Microsoft Office Excel

PAPERS

Gray, C., Iroegbulem, V., Deming, B., Butler, R., Howell, D., Pascale, M. P., **Bodolay, A.**, ... & Schuster, R. M. A *Pragmatic Clinical Effectiveness Trial of a Novel Alternative to Punishment for School-Based Substance Use Infractions: Study Protocol for the iDECIDE Curriculum*. *Frontiers in Public Health*, 11, 1203558.

FORTHCOMING

Liu J., Knoll, J. S., Pascale, M. P., Gray, C., **Bodolay A.**, Kevin W. Potter, Jodi Gilman, A. Eden Evins Randi M. Schuster (2023, under review). *Nicotine and Cannabis Use is Common among Adolescents, but so is Readiness to Change*

PRESENTATIONS

Tervo-Clemmens, B., Evohr, B.N., Kraus, E.N., Talukder, F.F., Potter, K., Knoll, S.K., **Bodolay, A.**, Pascale, M.P., Gray, C.A., Gilman, J.M., Evins, A.E., Schuster, R.M. (2023, March). *Dose-Dependent Associations between Substance Use and Psychiatric Comorbidities among High School Students in Massachusetts*. Presented at the 11th Annual MGH Public and Community Psychiatry Symposium, Boston, MA.

Ruiz. D. F., **Bodolay. A.**, Gray, C. A., Pachas. G., Arteaga. L. R., Deming. B., Iroegbulem. V. C., Knoll. S. J., & Schuster. R. M. (2023, August). *Relationship between Gender Identity and Sexual Orientation on Symptoms of Anxiety, Depression, and Suicidality among Middle School and High School Students*