

Marc Feinstein

48 Elmwood Avenue #1, Burlington, VT 05401 | 2404082404 | Feinstein.marc@gmail.com

Experience

Research Coordinator | Fralin Biomedical Research Center, Addiction Recovery Research Center | 2018-2020

- PI: Dr. Warren Bickel, neuroeconomics lab aimed at studying problem consumption of alcohol, nicotine, opiates and stimulants
 - Additional data collection performed for sister lab, Center for Transformative Research on Health Behaviors also PI'd by Dr. Bickel
- Tasked with executing grant funded and pilot studies aimed at studying addiction from behavioral economics standpoint
- Ensured rapid data collection while maintaining IRB compliance
- Transcranial Magnetic Stimulation and Functional Magnetic Resonance Imaging trained
- Consulted with doctoral study leaders to confirm study design and procedures
- Data analysis as well as survey design and construction
- Participant recruitment and screening for eligibility
- Daily and face to face interaction with low SES, substance abusing population
- Submission of IRB paperwork and continued correspondence

ANIMAL LEARNING LAB TEACHER'S ASSISTANT | REED COLLEGE | 2016-17

- TA in Dr. Tim Hackenberg's Animal Learning Lab
- Focus on grant funded non-human animal behavioral and behavioral economic studies
- Assisting teaching undergraduates for in lab class sessions
 - Study design, execution, analysis and write up for undergraduate projects
- Maintenance of animal colony facilities during non-teaching hours

Education

BACHELOR OF ARTS | REED COLLEGE, PORTLAND, OREGON

- Psychology Major, GPA: 3.06
- Rigorous and conservative liberal arts curriculum with focus on self-guided study in a variety of disciplines
- Small class sizes focusing on conference teaching style

INTERNATIONAL BACCALAUREATE | TRINITY GRAMMAR SCHOOL | SUMMER HILL, NSW, AUSTRALIA

- High school diploma designed for international students with a liberal arts inspired curriculum and a global service focus

MIDDLE YEARS PROGRAM | WESTLAND MIDDLE SCHOOL | BETHESDA, MD, USA

- Middle school program designed to be a precursor to international baccalaureate

SPANISH IMMERSION PROGRAM | ROCK CREEK FOREST ELEMENTARY | CHEVY CHASE, MD, USA

- All classes taught in Spanish until sixth grade

Research Experience

NTC04125238

(MPI: BICKEL, WARREN) 09/01/2019 – 09/31/2024

VIRGINIA POLYTECHNIC INST AND ST UNIV (NIAAA FLOW-THRU)

Testing Reinforcer Pathology: Mechanisms and Interventions to Change Alcohol Valuation

The proposed project mechanistically tests a new conceptual framework for understanding alcohol use disorder, Reinforcer Pathology, which identifies novel determinants of alcohol valuation at multiple levels of analysis (behavioral, neural, clinical, and computational). Existing treatments for alcohol use disorder are less than optimally robust and are further limited by an incomplete understanding of the mechanisms of alcohol use disorder - a gap that this project aims to address. Results from these studies will positively impact public health because reinforcer pathology suggests innovative interventions that will decrease alcohol consumption and valuation.

ROLE: RESEARCH COORDINATOR

5P01CA217806-02 (MPI: HATSUKAMI, SHIELDS) 09/20/2017 – 08/31/2023

UNIV. OF MINN. (NIH-NCI FLOW-THRU)

Consortium on Methods of Evaluating Tobacco (COMET): Filter Ventilation and Product Standards (Sub-Project 5793: Project 3: The Abuse Liability and Substitution Profile of Removing Cigarette Ventilation in the Experimental Tobacco Marketplace). The overall goal of this project is to model regulatory restrictions banning cigarette filter ventilation and determine their effects on consumption of both cigarettes and a wide range of alternative tobacco products. Testing potential regulatory actions under controlled conditions will facilitate evidence-based policies that have a net benefit to health.

ROLE: RESEARCH COORDINATOR

5P01CA200512-04 (MPI: CUMMINGS, FONG) 04/19/2016 – 03/31/2021

MED. UNIV OF SC (NIH-NCI FLOW-THRU)

Evaluating How Tobacco Control Policies are Shaping the Nicotine Delivery Market (Sub-Project 8134: The Experimental Tobacco Marketplace (ETM)). The overall goal of this project is to experimentally assess the factors that influence tobacco consumption and consumer behavior. Testing proposed policy changes, such as restrictions on vaporized nicotine product use, in a laboratory setting before enacting them will help to identify any untoward, unanticipated effects and bolster the successful implementation of such policies within society.

ROLE: RESEARCH COORDINATOR

N/A (PI: BICKEL, WARREN) 12/01/2018 – 11/30/2019

INDIVIOR, LLC

BUPRENORPHINE MISUSE STUDY

This pilot study with Indivior will primarily focus on the motivations for use of diverted buprenorphine. This is the first of a series of studies and involves a set of surveys of individuals in treatment for opioid use disorder, those waiting for treatment, and those not currently seeking treatment, to ask about their use of buprenorphine with and without a prescription, and examine this use in the context of their treatment history and barriers to treatment. There has been a lot of concern about diverted buprenorphine in southwest Virginia and this study is seen as an important catalyst to understanding this problem in this state.

ROLE: RESEARCH COORDINATOR

N/A (UNDERGRADUATE THESIS ADVISOR: HACKENBERG, TIM) 8/31/2016-5/3/2017

REED COLLEGE

MEDITATING ON IMPULSIVITY: AN ATTEMPT TO USE MINDFULNESS TO INFLUENCE RATE OF DELAY DISCOUNTING

An undergraduate thesis designed to be a follow up to *Making Time for Nature: Visual Exposure to Natural Environments Lengthens Subjective Time Perception and Reduces Impulsivity* (Berry et al. 2015). Examined the effect of a brief mindfulness intervention on a titrating delay discounting battery as well as changes in surface skin temperature. When k values (Mazur's (1987) hyperbolic discounting model) were aggregated by group there were no significant results. Representative curve comparison (Myerson, Green & Morris 2011) showed a small effect suggesting meditation increased impulsivity. There were however significant differences in surface skin temperature changes by group suggesting that the mindfulness manipulation had an impact on physiological arousal and participants engaged with the manipulation. Thesis included a literature review, IRB submission, formal write up, oral defense and poster presentation.

ROLE: PRIMARY AUTHOR

Volunteer Positions

STUDENTS FOR EDUCATION, EQUITY AND DIRECTS SERVICE | REED COLLEGE | 2015

- Sub-program: Lane Middle School After School Support
- Mentorship of middle school students from disadvantaged backgrounds
- Ethnically diverse middle school with 100% eligible for reduced or free lunch
- Youth engagement, activity planning, discussions about adjustment to maturation and encouragement to pursue higher education

Professional Skills

Training

- Spanish Language Fluency
- Biochemical tests collection and testing
 - Carbon monoxide and breath alcohol concentration
 - Urine toxicology screening and cotinine metabolite testing
 - Finger prick and blood testing of A1C and cholesterol
 - Transcranial Magnetic Stimulation including motor threshold and theta burst treatment
 - Magnetic Resonance Imaging operation training
- Biomedical Research Ethics Training, CITI Program, Virginia Polytechnic Institute (2018)
- Good Clinical Practice Training, CITI Program, Virginia Polytechnic Institute (2018)
- Information Privacy and Security (IPS) Training, CITI Program, Virginia Polytechnic Institute (2018)
- Animal learning lab assistant, animal colony experience, operant chamber operation (2016)

Programs/Software

- **R software**, data analysis and visualization
- **Qualtrics**, programming and survey design
- **Electronic Tobacco Marketplace** (Python based mimic of online vendors used for data collection), programming
- **Microsoft Office Software Suite**
- Design of and creation of **Twilio based program** that would automatically initiate text conversations for data collection
- **REDCAP**, participant screening and visit tracking
- **Enrollment log** through both excel and an online database
- **Scientific Literature search engines**

Miscellaneous

- Experience working with substance abusing and low SES populations in a compassionate and professional manner

- Communication skills
- Able to work as part of a team and independently

Publications

Roberta Freitas Lemos¹, Jeffrey S. Stein¹, Derek A. Pope², Jeremiah Brown¹, Marc Feinstein¹, Kelsey M. Stamborski¹, Allison N. Tegge^{1,3}, Bryan W. Heckman⁴, Warren K. Bickel¹ (In Press). E-liquid Purchase as a Function of Workplace Restriction in the Experimental Tobacco Marketplace. *Experimental and Clinical Psychopharmacology* (accepted November 2020)