

## EDUCATION

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### Towson University

August 2009-May 2013

- Bachelor of Science in Psychology
- Summa Cum Laude
- Overall GPA: 3.92 | Major GPA: 4.00

## HONORS/AWARDS

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### Towson University

August 2009-May 2013

- Psi Chi psychology honors society
- Golden Key International Honour Society
- National Society of Collegiate Scholars
- Deans List five semesters

## UNDERGRADUATE EXPERIENCE

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### Laboratory of Comparative Neuroscience-Dr. Bryan Devan

Spring 2011-Fall 2012

*Towson University, Towson, MD*

- Assisted in maintaining a functional neuroscience paradigm while preparing for and executing experiments
- Cared for laboratory rodents according to Institutional Animal Care and Use Committee standards
- Record keeping management-including taking records of animal weight, room temperature and humidity
- Used the Morris Water Maze to examine the effects of phosphodiesterase inhibition and high anti-oxidant diets on spatial performance and object recognition in rats
- Trained and acclimated new student research assistant volunteers in laboratory protocols
- Observed drug measurement and preparation, injection techniques, stereotaxic surgery
- Assisted with data collection, analysis, interpretation, and presentation

### Teaching Assistant: Psychology 315 (Motivation) - Dr. Margaret Faulkner

Spring 2012

*Towson University, Towson, MD*

- Course covered neurological, pharmacological, and physiological influences on motivation
- Assisted in presentation of course material, conducted weekly review sessions and special study sessions
- Graded all exams

### Teaching Assistant: Psychology 317 (Sensation and Perception) - Dr. Margaret Faulkner

Fall 2012

*Towson University, Towson, MD*

- Course covered the processing of perceptions of one's environment, and their underlying fundamental principles
- Assisted in presentation of course material, conducted weekly review sessions and special study sessions
- Graded all exams

## POST-BAC EXPERIENCE - RESEARCH ASSISTANT II / RESEARCH PROGRAM COORDINATOR

Behavioral Pharmacology Research Unit - Dr. Roland Griffiths

January 2014 – September 2017

Johns Hopkins University School of Medicine, Baltimore, MD

### Clinical Trials Conducted Under Investigational New Drug (IND) application:

- [Effects of Hallucinogens and Other Drugs on Mood and Performance](#) (NCT02033707)
- [Effects of Psilocybin-facilitated Experience on the Psychology and Effectiveness of Professional Leaders in Religion](#) (NCT02243813)

Duties include:

- Work closely with Principal Investigator (PI) and other study team members to design novel study instruments
- Implement protocols according to Investigator's original Institutional Review Board (IRB) approved protocol
- Execute data collection, entry, comparisons/verifications, and corrections on study data
- Analyze behavioral and subjective report data using Excel and SPSS
- Monitor/Co-guide in active psilocybin (and other similar compound) drug sessions, providing emotional and physical support to research participants
- Coordinate all study related responsibilities, including communication between participants, post-doctoral fellows, PI and co-PI, and other study team members
- Manage recruitment and advertising utilizing Google AdWords, Facebook Advertising, Website listings, Listservs, Magazine ads, and Radio ads

### Survey Research

- Worked closely with PI and other study team members to design novel online surveys and associated instruments
- Composed IRB applications for research and helped manage documentation and communication pertaining to active IRB protocols
- Created and maintained study websites
- Managed survey database containing over 10,000 responses
- Coded qualitative and quantitative survey responses assessing response validity and data trends
- Analyzed response data using percentage endorsement, difference of proportions, Z-scores, t-Tests, ANOVA, chi-square, propensity score, and multivariate matched sampling for manuscript and poster preparation
- Utilize recruiting and tracking strategies listed above
- Prepared abstracts and manuscript outlines for publication and conference presentation

### PUBLICATIONS

Griffiths, R. R., Hurwitz, E., Davis, A., Johnson, M. W., & Jesse, R. (2018) Survey of God encounter experiences: Comparisons among naturally-occurring experiences and those occasioned by the classic psychedelics psilocybin, LSD, ayahuasca, or DMT. Manuscript submitted for publication.

Barrett, F. S., Carbonaro, T. M., Hurwitz, E., Johnson, M. W., & Griffiths, R. R. (2018). Double-blind comparison of the two hallucinogens psilocybin and dextromethorphan: effects on cognition. *Psychopharmacology*, 1-13.

Carbonaro, T. M., Johnson, M. W., Hurwitz, E., & Griffiths, R. R. (2018). Double-blind comparison of the two hallucinogens psilocybin and dextromethorphan: similarities and differences in subjective experiences. *Psychopharmacology*, 235(2), 521-534.

### POSTER PRESENTATIONS

Hurwitz, E., Jesse, R., Johnson, M., Griffiths, R. (2017, April) *A comparison of psilocybin-occasioned vs. naturally-occurring experiences of personal encounters with the divine*. Poster to be presented at Psychedelic Science 2017, Oakland, CA.

### RELEVANT EXPERIENCE

#### Software

- Experience working with and assisting postdoctoral fellows/PIs with data management and execution of projects using statistical programs (e.g., SPSS, R, MatLab), cognitive testing programs (e.g., Presentation, PennCNP), online survey manager and distribution programs (e.g., Qualtrics, SurveyMonkey), and Microsoft Office programs