

Amy E. Graham
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Education and Training

Doctoral Student, Clinical Psychology Dual Title, Infant Mental Health

Wayne State University
Graduate School GPA 3.57/4.0

Master of Arts in Clinical Psychology

Wayne State University
Degree expected to be conferred August 2017
Master's Thesis Title: *Optimization of a Preconception e-Intervention for Marijuana Use*

Bachelor of Arts, Summa Cum Laude, Honors Psychology

Wayne State University
Degree conferred May 2013
Undergraduate GPA 3.92/4.0
Senior Honor's Thesis Title: *The Utility of Commercial Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) Testing for Detection of Lighter Drinking among Women of Childbearing Years*

Honors and Awards

Graduate Awards:

Graduate Professional Scholarship Winner 2014
Merrill Palmer Lifespan Alliance Research Poster Winner 2015
Merrill Palmer Skillman Institute Graduate Research Fellowship Award 2015-2016
International Network on Brief Interventions for Alcohol & Other Drugs (INEBRIA) 2015 -
Junior Investigator Award Recipient

Undergraduate Honors and Awards:

Irvin D. Reid Honors College Member

- Named to Dean's List every semester of Undergraduate Studies
- Awarded Phi Beta Kappa Membership 2013
- Office of the Provost Undergraduate Research Award 2013
- Department of Psychology Travel Expenses Award 2013

Research Experience

The Parent Health Lab

The Merrill Palmer Skillman Institute
Wayne State University Department of Psychiatry and
Behavioral Neurosciences. Detroit, MI.
Steven J. Ondersma, Ph.D., Principal Investigator
March 2012-Present

Optimization of a Preconception e-Intervention for Marijuana Use (Master's Thesis)

Following the multiphase optimization strategy, a factorial design model will test 4 combinations of 2 intervention factors (the use of embedded video and empathy) to identify risks to a woman's health or potential pregnancy outcome through prevention of marijuana use and management of birth control. At-risk female participants in the pre-conception period will be randomly assigned computer delivered interventions containing none, one, or both of the two common factors and will then rate their intention to reduce marijuana use and/or begin regular effective contraception use. The goal of the PCC E-intervention created for this study is to prevent marijuana-exposed pregnancies through reduced marijuana use and effective contraception use. This study aims to optimize said PCC e-intervention and to gain pilot data for a future randomized clinical trial (dissertation). 100% of this study will be implemented online, and is the first study to utilize mobile CIAS programming software. Project currently in data collection phase.

Committee: Steven J. Ondersma Ph.D., Emily R. Grekin, Ph.D., and John Hannigan, Ph.D.

Alcohol Detection Limits for Ethyl Glucuronide in Women of Childbearing Years. (Undergraduate Senior Honor's Thesis)

The EtG study was designed to evaluate the validity, window of detection and current laboratory cut-off levels of the biomarkers Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) in women of childbearing years.

- Designed Study
- Completed the IRB forms, including protocol summary, informed consent form, screening questionnaire, recruitment flyer, and related amendments and extensions
- Trained all research assistants involved with the study in the recruitment and data collection protocol
- Completed data collection, including screening, administration of pregnancy tests, administration of alcohol, and administration of blood-alcohol Breathalyzer tests in laboratory setting
- Met participants at various campus locations 12,24,36,48 and 72 hours after alcohol administration for specimen collections
- Findings of the study presented by others and myself at numerous conferences. (See below)
- As a result of this study, one manuscript is under review

The Healthy Parent Study (HPS)

The Healthy Pregnancy study is designed to set the stage for a full-scale clinical trial of computer-based screening and brief intervention for alcohol use during pregnancy. The study is designed to develop and test an anonymous screening method using computer tablets; examine the acceptability of tailored messaging materials (brochures, for mailing and/or emailing); and conduct a small pilot of 50 women who are randomized to either a control condition or to receive the computer-delivered brief intervention for alcohol use during pregnancy to establish an estimated effect size.

- Conducted participant recruitment and data collection sessions, which includes screening, specimen collection and delivery of a brief computer delivered intervention in a large urban OBGYN clinic
- Completed refinement of the computer program that contains the data collection and intervention portion of the study
- Conducted participant follow-ups, which included a substance use Timeline Follow-back interview, specimen collection and delivery of a brief computer-delivered intervention in a hospital setting 18-36 hours after the participant has given birth

The Parent Health Project and The Indirect Assessment and Intervention for Perinatal Drug Use Project. (WIDUS)

The Parent Health Project is a NIDA-/R01-funded research study examining perinatal drug use among postpartum women who deliver their baby at a public hospital in Detroit. The project utilizes a computer tablet and intervention authoring software - including the Wayne Indirect Drug Use Screener (WIDUS), which uses correlates of drug use to assess recent mothers' risk level - to screen participants for drug use, provide a brief tailored intervention, and refer participants needing further attention to treatment. 500 women have been enrolled in the study, and are now in randomized control and intervention groups with follow-up at 3 and 6 months. This project seeks to motivate changes in drug use behavior, validate the WIDUS, and examine risks and parenting behaviors to gain insights that will help other mothers and their babies at this critical period of life.

- Assisted with the staging, casting and scripting of videos that are included in WIDUS screener and intervention
- Completed quality control for the screener and intervention
- Assisted with creative design of the computer intervention components
- Conducted participant follow-ups, which include a substance use Timeline Follow-back interview, hair specimen collection and delivery of computer-delivered intervention in a

- laboratory setting
- Wrote syntax for variable and value labels in SPSS used for statistical analysis
- Completed assessment of infants during laboratory follow-up visits using the BINS Neurodevelopmental Screen
- As a result of this study, one manuscript is currently in preparation

Miscellaneous

- Assisted in development of a video used to explain the Computerized Intervention Authoring System (CIAS) software that was presented at the Technology Innovations for Substance Abuse and Mental Health Treatment Conference at the White House.
<http://www.youtube.com/watch?v=0bkTOX5lzYY&feature=youtu.be>
- Assist with laboratory grant writing, including a 2013 R-34 application to NIH

The Substance Use and Medication Lab

Wayne State University Department of Psychology
Emily Grekin, Ph.D., Principal Investigator
May, 2013-Present

The Multiphase Optimization Strategy (MOST) Study

Presently, it is not clear which components of computerized interventions are most effective in reducing alcohol use. This study examines this question by systematically varying five intervention characteristics: (1) the presence of an animated narrator, (2) the use of voice versus text, (3) the presence of empathic statements, (4) the presence of affirmations/positive regard, and (5) the use of specific motivational techniques. The goal of the study is to determine which combination of intervention characteristics (see above) is most effective in reducing heavy drinking among a sample of undergraduates as measured at a 1-month follow-up visit.

- Assisted with study design
- Completed quality control for the screener and intervention
- Assisted with creative design of the computer intervention components

Clinical Experience

Wayne State University Counseling and Psychological Services (CAPS) August, 2016-Present

Jeffrey Kuentzel, Ph.D., L.P., Director

- Provide individual therapy to undergraduate and graduate students in a university mental health clinic
- Referral issues include ADHD, mood disorders, anxiety disorders, family problems, behavioral problems, school problems, learning disability, chronic illness or other medical conditions, eating disorders and substance use
- Co-Facilitator of Substance Use Recovery and Education Group, an interactive educational group that addresses the benefits and risks of using marijuana. Participants explore how their use of marijuana impacts things like anxiety, depression, relationships, academic success, sexual functioning, and every day life
- Substance Use Committee Member. The committee reviews all substance use evaluations and determines if CAPS is the best place for the student to receive treatment
- Participate in weekly training sessions on topics such as suicide risk assessment, coordination and facilitation of group therapy, interpersonal therapy, motivational interviewing, and substance use evaluation
- Participate in outreach activities to promote CAPS with the Law School and Department of Student Affairs
- Guest Lecturer representing CAPS in Communications Department course on Stress and Close Relationships

Supervisor: Kristin Van de Laar, Ph.D., L.P.

Wayne State University Psychology Clinic
September, 2014-Present

Douglas Barnett Ph.D., L.P. Director

- Provide individual and family assessment and therapy to patients referred to a low-cost, urban community mental health clinic
- Co-Facilitator of Dialectical Behavior Therapy skills treatment group
- Administration, scoring, and interpretation of psychological test batteries
- Generate psychoeducational reports and conduct feedback session with clients
- Referral questions include mood and anxiety disorders, psychotic disorders, ADHD, learning disabilities, developmental disorders, personality disorders, and relationship issues

Supervisors: Marla Bartoi, Ph.D., L.P. Rita Casey, Ph.D.

Wayne State University Pediatric Prevention Research Center
September 2015- May 2016

Dr. Deborah Ellis, Primary Investigator and Supervisor

- Therapist for the control group arm of a RCT comparing the effectiveness of Cognitive Behavioral Therapy and Mindfulness among at-risk Type I adolescents that do not adhere to their insulin regime. Sessions include 2 hours of psychosocial support.

Confident Kids Camp
August, 2015.

Dr. Kotrba, Supervisor

Confident Kids Camp is an intensive therapy program designed to help prepare children with Selective Mutism for the upcoming academic year.

- Sixty hours of one on one and group therapy in simulated classroom environments

Detroit Central City
Men's Health Fair at Ford Field
December 2014

- Completed over 25 depression screens and subsequent referrals for treatment at a large community health fair

John D. Dingell VA Medical Center, Detroit, MI
Wayne State University Honors College Seminar
Winter 2013

Dr. Saib Gappy, MD, Supervisor

Completed a rotation of study that included:

- Observation of and interaction with patients in the emergency room, emergency clinic, radiology, general care and physical therapy
- Seminar included detailed record keeping of all clinical interactions
- In-depth analysis of the Veterans Administration system of healthcare and a collaborative presentation on Post Traumatic Stress Syndrome

Teaching
Experience

Adjunct Faculty/Independent Instructor – Wayne State University

Developmental Psychology- Spring 2015 and Winter 2015

Abnormal Psychology – Fall 2015

Health Psychology- Winter 2017

Publications

Undersma, S.J., Beatty, J.R., Rosano, T.G., **Graham, A.E.**, Sokol, R.J. (2015)
Commercial Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) testing is not vulnerable to
incidental alcohol exposure in pregnant women. *Substance Use and Misuse*

Graham, A.E., Beatty, J.R., Rosano, T.G., Sokol, R.J., & Undersma, S.R.
The utility of the Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) assay for alcohol detection
in women of childbearing years. Under review, *Substance Use and Misuse*

Presentations

Graham, A.E. Pop, D.E. Grekin, E.R., Beatty & Undersma, S.R.
*Does empathy influence the effectiveness of e-Interventions for heaving drinking among
undergraduates?*
Merrill Palmer Skillman Institute Lifespan Alliance Research Day, 2016 Oral Presentation

Graham, A.E., Bronshtein, E. Beatty, J.R., Rosano, T.G., & Undersma, S.R.
Optimization of an e-health intervention for smoking during pregnancy: A factorial evaluation
Wayne State University Psychology Department Graduate Research Poster Day, 2016

Graham, A.E., Beatty, J.R., Rosano, T.G., Sokol, R.J., & Undersma, S.R.
*The utility of the Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) assay for alcohol detection
in women of childbearing years*
Merrill Palmer Skillman Institute Lifespan Alliance Research Day, 2015 First Place Poster

Graham, A.E., Loree, A.M., Beatty J.R., Thacker, C., Strickler, R.C., Undersma, S.J., &
Sokol, R.J. (Summer, 2014)
Impact of trauma on brief interventions for alcohol use during pregnancy
Poster presented by A.E. Graham at the 37th annual Meeting of the Research Society on
Alcoholism, Seattle, WA.

Graham, A.E., Beatty, J.R., Atkinson, S.M., Grekin, E.R., Rosano, T.G., Sokol, R.J., &
Undersma, S.R.
*Further evidence of the insensitivity of commercially available Ethyl Glucuronide and Ethyl
Sulfate testing for detection of moderate drinking*
Poster presentation by R.J. Sokol, 2014 Society for Gynecological Investigation 61st Annual
Scientific Meeting, Florence, Italy.

Undersma, S.J., Beatty, J.R., **Graham, A.E.**, Rice, S.R., Atkinson, S.M., Grekin, E.R.,
Rosano, T.G., Sokol, R.J. (Fall 2013)
Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) for detection of alcohol use during pregnancy
Oral presentation by S.J. Undersma, at the First International Conference on Prevention of
FASD. Edmonton, Alberta, Canada.

Graham, A.E., Beatty, J.R., Atkinson, S.M., Grekin, E.R., Rosano, T.G., Sokol, R.J., &
Undersma, S.R. (Summer 2013)
Ethyl Glucuronide (EtG) Detection Limits in Women of Childbearing Years
Poster presented by A.E. Graham at the 36th annual Meeting of the Research Society on
Alcoholism, Orlando, FL.

Sokol, R.J., Beatty, J.R., **Graham, A.E.**, Atkinson, S.M., Rice, S.R. Grekin, E.R., Rosano,
T.G., & Undersma, S.R. (Spring 2013)
Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) for detection of alcohol use during pregnancy
Oral presentation by A.E. Graham at the Michigan Undergraduate Psychology Research
Conference, Calvin College, Grand Rapids, MI

Professional Development

The Merrill Palmer Skillman Institute

Trainee: September 2012- September 2015 **Fellow:** September 2015-Present
Attend research colloquia, professional development seminars and research roundtable discussions in a variety of research areas, including infant mental health, child development, child maltreatment, post-traumatic stress syndrome, sexual health trajectories, adolescent dating, autism spectrum disorders, attention deficit and hyperactivity disorder, and epigenetics.

The Merrill Palmer Skillman Institute Grant Writing Seminar

February 2016-May 2016
Attend a small group format aimed at improving all aspects of grant writing. Headed by faculty, this seminar includes idea sharing, editing, and weekly encouragement.

Wayne State University Psychology Department, Clinical Brown Bag Series

September 2014-May 2016
Attendance to weekly series hosted by various WSU and guest faculty and senior students from within the department. A variety of research areas are covered, including research methods, brief computerized interventions, and the development of screeners for public health settings.

Wayne State University Department of Psychiatry, Grand Rounds

September 2012-Present
Attendance to monthly grand rounds hosted by various Wayne State University faculty and guest lecturers. To date, a variety of topics were presented, including the efficacy of antidepressants, adolescent substance use, and the legalization of cannabis.

Wayne State University Psychology Clinic

Dialectical Behavior Therapy Skills Lecture Series

Fall 2014, Summer 2015
Completed training series in dialectical behavior therapy.

International Network on Brief Interventions for Alcohol & Other Drugs (INEBRIA)

Annual Meeting

September 23-25, 2015 Atlanta, Georgia

Research Society on Alcoholism and Addiction 37th

Annual Meeting

June 22-24, 2014 Seattle, WA

The 26th Annual Edith Harris Endowed Memorial Lecture

Presented by Steve Marans, MSW, Ph.D.
November 14, 2013. Wayne State University

Michigan FASD Task Force Annual Meeting and Conference.

September 12, 2013. The University of Michigan

**Research Society on Alcoholism and Addiction
Fetal Alcohol Spectrum Disorders Study Group**

June 22, 2013 Orlando, FL

Research Society on Alcoholism and Addiction 36th

Annual Meeting.

June 23-25, 2013 Orlando, FL

**Leadership
Experience**

Merrill Palmer Skillman Institute Graduate Student Organization, Vice-President
(Elected Position)
August 2016-Present

Wayne State University Psychology Graduate Student Organization, Treasurer
(Elected Position)
Fall 2014-Present

Wayne State University Clinical Psychology Graduate Student Organization, Cohort Rep
(Elected Position)
Fall 2014-Present

Wayne State University Psychology Department Diversity Committee Member
Fall 2014-Present

Wayne State University Mentoring Undergraduate Students Towards Excellence (MUSE) program Mentor
Fall 2015-Present

Meet with a minority first-generation college student weekly to set goals, identify obstacles and develop strategies for academic success.

American Psychological Association Division 37 (Child Maltreatment) Membership Committee Member (Student Representative)
Fall 2014-May 2016

- Assist fellow committee members with the recruitment of new members
- Completed all electronic communication in regards to 2015 membership renewal

Giant Step Teen Conference Facilitator & Steering Team Member
The Merrill Palmer Skillman Institute
Fall 2013- May 2016

- Serve as a facilitator for a group of 9th and 10th grade students from diverse backgrounds to promote discussion and the realization that they have a lot in common.

Eastside Advisory Committee Member
Wayne County Community College
Summer 2103-Present

- Serve on an advisory committee to the President and Provost of Wayne County Community College. Discuss curriculum reviews, professional training and development opportunities, refinement of organizational structure, upgrading and integration of computer technology, improved management of federal and student loan programs, and increased accountability and transparency in all operations

The Michigan Children's Law Center
May 2007-May 2011

- Assisted with presentations designed to encourage participation in the Michigan Foster Care System

The Family Center of Grosse Pointe and Harper Woods
2001-2005
Past President and Board Member

- Assisted with the development, organization and implementation of several initiatives to serve the families of Grosse Pointe and Harper Woods including a Kindergarten Readiness Seminar, and the "Play Central" program

**Volunteer
Experience**

Various Honduran Social Investment Fund (FHIS) Projects

San Pedro Sula, Honduras

August 2013

Shari Swartz Sorah, MSW, Supervisor

Worked directly on three different (FHIS) projects, which were designed to increase access among the poor to small-scale social and economic infrastructure, and to develop social assistance programs for disadvantaged groups.

- Provided counseling and teacher support in an urban elementary school that serves a very disadvantaged population
- Provided FASD prevention and maternity health and wellness information for pregnant women as well as shaves, haircuts and lice removal for men and children in a homeless shelter that provides meals, running water for bathing, and prenatal vitamins and maternal health advice to a population with extensive cocaine and inhalant addictions
- Provided counseling, verbal encouragement and infant care information to young women who reside in an orphanage for girls aged 6-22 and have all been victims of prostitution and human trafficking

Foster Parent of Four Children

May 2007-November 2012

- Fostered four children who had been removed from their home for reasons of neglect and maltreatment
- Guided each child through the adoption process

Professional Affiliations

APA Division 37, Child Maltreatment

APA Division 38, Health

APA Division 50, Addictions

Merrill Palmer Skillman Institute Graduate Student Organization

Wayne State University Psychology Graduate Student Organization

Wayne State University Clinical Psychology Graduate Student Organization

Research Society on Alcoholism

Association for Psychological Science

American Psychological Association

American Psychological Association of Graduate Students