**Madeline H. Meier**

Department of Psychology, Arizona State University

Email: [Madeline.Meier@asu.edu](mailto:Madeline.Meier@asu.edu)

**Employment**

2013-present **Assistant Professor of Psychology**, College of Liberal Arts and Sciences, Honors Faculty, Arizona State University

**Education**

2010-13 **Postdoctoral Research Associate**, Department of Psychology and Neuroscience, Duke Transdisciplinary Prevention Research Center, Duke University

2010 **Doctor of Philosophy** (Clinical Psychology), University of Missouri

2009-10 **Pre-doctoral Clinical Internship**, Durham Veterans Affairs Medical Center (APA accredited)

2004 **Master of Arts Degree** (Clinical Psychology), University of Missouri

2001 **Bachelor of Arts Degree**, University of Virginia, Charlottesville, VA

**Peer-Reviewed Publications**

\*Doctoral student co-author

\*\*Undergraduate student co-author

**\*\*\***Practice-OrientedClinician

**2019**

**Meier, M.H.,** Pardini, D., Beardslee, J. & Matthews, K.A. (2019). Associations between cannabis use and cardiometabolic risk factors: A longitudinal study of men*. Psychosomatic Medicine.* 10.1097/PSY.0000000000000665

\*Sternberg, A. \*Hill, M.L., Suk H.W., **Meier, M.H.**, & Chassin, L. (2019). Exploring cannabis-specific parenting as a mechanism of the intergenerational transmission of cannabis use and cannabis use disorder. *Journal of Studies on Alcohol and Drugs,* 80, 32-41.

\*Hill, M.L., Wong, T.Y., Davis, M., & **Meier, M.H.** (2019). Associations between cannabis use and retinal vessel diameter in young adults. *Schizophrenia Research.*

**2018**

**Meier, M.H.**, Caspi, A., Danese, A., Fisher, H.L., Houts, R., Arseneault, L., & Moffitt, T.E. (2018). Associations between adolescent cannabis use and neuropsychological decline: A longitudinal, cotwin-control study. *Addiction, 113,* 257-265.

**Meier, M.H.,** & \*\*White, M. Do young-adult cannabis users show amotivation? An analysis of informant reports. (2018) *Translational Issues in Psychological Science, 4,* 99-107*.*

\*Jones, C.B., **Meier, M.H.,** & Pardini, D. (2018). Comparison of the locations where young adults smoke, vape, and eat/drink cannabis: Implications for harm reduction. *Addictive Behavior Reports*, 8, 140-146.

\*Hill, M.L., \*Sternberg, A., Suk H.W., **Meier, M.H.**, & Chassin, L. (2018). The intergenerational transmission of cannabis use: Associations between parental history of cannabis use and cannabis use disorder, low positive parenting, and offspring cannabis use. *Psychology of Addictive Behaviors, 32,* 93-103.

Beardslee, J., Donley, S., Byrd, A., **Meier, M.H.**, Prins, S., Cerda, M., & Pardini, D. (2018). An examination of parental and peer influence on substance use and criminal offending during the transition from adolescence to adulthood. *Criminal Justice and Behavior, 45,* 783-798*.*

\*\*\*Meier, M.A., & **Meier, M.H.** Clinical implications of a general psychopathology factor: A cognitive-behavioral transdiagnostic group treatment for community mental health. (2018). *Journal of Psychotherapy Integration, 28,* 253-268. Featured on HiTOP – an effort of nosologists from various mental health disciplines to improve the organization, description, and measurement of psychopathology.

**2017**

**Meier, M.H.**  Associations between butane hash oil use and cannabis-related problems. (2017). *Drug and Alcohol Dependence, 179,* 25-31*.*

**2016**

**Meier, M.H.**, Caspi, A., Cerdá, M., Hancox, R.J., Harrington, H.L., Houts, R., Poulton, R., Ramrakha, S., Thomson, W.M., & Moffitt, T.E. (2016). Associations between cannabis use and physical health problems in early midlife: A longitudinal comparison of persistent cannabis versus tobacco users. *JAMA Psychiatry, 73,* 731-740*.* Second most talked about paper of 2016 in *JAMA Psychiatr*y. http://read.alerts.jamanetwork.com/csb/Public/show/dxney--b9kyo-1b69xst6

**Meier, M.H.**,Hall, W., Caspi, A., Belsky, W., Cerdá, M., Harrington, H.L., Houts, R., Poulton, R., & Moffitt, T.E. (2016). Which adolescents develop persistent substance dependence in adulthood? Using population-representative longitudinal data to inform universal risk assessment. *Psychological Medicine, 46*, 877-889.

**Meier, M.H.,** \*Hill, M.L., & Breitborde, N.J.K. (2016). Retinal Imaging: A new tool for studying underlying liability to cardiovascular disease in schizophrenia. *Current Psychiatry Reviews, 12,* 326-334*.*

\*Jones, C.B.,\* Hill, M.L., Pardini, D., & **Meier, M.H.** (2016). Prevalence and correlates of vaping cannabis in a sample of young adults. *Psychology of Addictive Behaviors, 30,* 915-921.

Breitborde, N.J.K. & **Meier, M.H.** (2016). Cognition in first-episode psychosis: from phenomenology to intervention. *Current Psychiatry Reviews, 12,* 306-318.

Volkow, N.D., Swanson, J.M., Evins, A.E., DeLisi, L.E., **Meier, M.H.,** Gonzalez, R., Bloomfield, M.A., Curran, H.V., & Baler, R. (2016). Effects of cannabis use on human behavior, including cognition, motivation, and psychosis: A review. *JAMA Psychiatry, 73,* 292-297.

Cerdá, M., Moffitt, T.E., **Meier, M.H.,** Harrington, H.L., Houts, R., Ramrakha, S., Hogan, S., Poulton, R., & Caspi, A. (2016). Persistent cannabis dependence and alcohol dependence represent risks for midlife economic and social problems: A longitudinal cohort study. *Clinical Psychological Science*, *4,* 1028-1046.

**2015**

**Meier, M.H.,** \*Hill, M.L., \*Small, P.S., & Luthar, S.S. (2015). Associations of adolescent cannabis use with academic performance and mental health: A longitudinal study of upper middle class youth. *Drug and Alcohol Dependence, 156*, 207-212*.*

**Meier, M.H.,** Gillespie, N.A., Hansell, N.K., Hewitt, A.W., Hickie, I.B., Lu, Y., MacGregor, S., McGrath, J., Medland, S.E., Sun, C., Wong, T.Y., Wright, M., Zhu, G., Martin, N.G., & Mackey, D.A. (2015). Retinal microvessels reflect familial vulnerability to psychotic symptoms: A comparison of twins discordant for psychotic symptoms and controls. *Schizophrenia Research, 164,* 47-52.

Moffitt, T.E., Houts, R., Asherson, P., Belsky, D.W., Corcoran, D.L., Hammerle, M., Harrington, H.L., Hogan, S., **Meier, M.H.**, Polanczyk, G.V., Poulton, R., Ramrakha, S., Rohde, L.A., Sugden, K., Williams, B., & Caspi, A. (2015). Is adult ADHD a childhood-onset neurodevelopmental disorder? A 4-decade longitudinal cohort study. *American Journal of Psychiatry, 172,* 967-977.

**2014**

**Meier, M.H.,** Gillespie, N.A., Hansell, N.K., Hewitt, A.W., Hickie, I.B., Lu, Y., MacGregor, S., Medland, S.E., Sun, C., Wong, T.Y., Wright, M., Zhu, G., Martin, N.G., & Mackey, D.A. (2014). Associations between depression/anxiety symptoms and retinal vessel caliber in adolescents and young adults. *Psychosomatic Medicine, 76,* 732-738*.*

**Meier, M.H.**, Moffitt, T.E., Caspi, A., & Poulton, R. (2014). Reply to Bora: Cognitive deficits in schizophrenia follow a neurodevelopmental and neurodegenerative course. *American Journal of Psychiatry, 171,* 369-370.

**Meier, M.H.**, Caspi, A., Reichenberg, A., Keefe, R.S.E, Fisher, H.L., Harrington, H.L., Houts, R., Poulton, R., & Moffitt, T.E. (2014). Neuropsychological decline in schizophrenia from the premorbid to post-onset period: Evidence from a population-representative longitudinal study. *American Journal of Psychiatry, 171,* 91-101*.*

Caspi, A., Houts, R., Belsky, D.W., Goldman-Mellor, S., Harrington, H.L., Israel, S., **Meier, M.H.**, Ramrakha, S., Shalev, I., Poulton, R., & Moffitt, T.E. (2014). The ‘p factor’: One general psychopathology factor in the structure of psychiatric disorders? *Clinical Psychological Science, 2,* 119-137.

**2013**

**Meier, M.H.a**, Shalev, I.a, Moffitt, T.E., Kapur, S., Keefe, R.S.E., Wong, T.Y., Belsky, D.W., Harrington, H.L., Hogan, S., Houts, R., Caspi, A., & Poulton, R. (2013). Microvascular abnormality in schizophrenia as shown by retinal imaging. *American Journal of Psychiatry, 170,* 1451-1459. aJoint first authors.

**Meier, M.H.**, Caspi, A., Houts, R., Slutske, W., Harrington, H.L., Jackson, K., Belsky, D., Poulton, R., & Moffitt, T.E. (2013). Prospective developmental subtypes of alcohol dependence from age 18 to 32 years: Implications for nosology, etiology, and intervention. *Development and Psychopathology, 25,* 785-800.

Belsky, D.W., Caspi, A., Goldman-Mellor, S., **Meier, M.H.,** Poulton, R., & Moffitt, T.E. (2013). Is obesity associated with a decline in intelligence quotient during the first half of the life course? *American Journal of Epidemiology, 178,* 1461-1468.

Belsky, D.W., Moffitt, T.E., Baker, T.B., Biddle, A.K., Evans, J.P., Harrington H.L., Houts, R., **Meier, M.H.**, Sugden, K., Williams, B., Poulton, R., & Caspi, A. (2013). Polygenic risk accelerates the developmental progression to heavy, persistent smoking and nicotine dependence: Evidence from a 4-Decade Longitudinal Study. *JAMA Psychiatry, 70,* 534-542.

Shalev, I., Moffitt, T.E., Wong, T.Y., **Meier, M.H.**, Ding, J., Cheung, C.Y., Ikram, K.M., Houts, R., Caspi, A., & Poulton, R. (2013). Retinal vessel caliber and lifelong neuropsychological functioning: An investigative tool for cognitive epidemiology. *Psychological Science*, *24*, 1198-1207.

Fisher, H.L., Caspi, A., Poulton, R., **Meier, M.H.,** Houts, R., Harrington, H.L., Arseneault, L., & Moffitt, T. (2013). Specificity of childhood psychotic symptoms for predicting schizophrenia by 38 years of age: A birth cohort study. *Psychological Medicine, 43,* 2077-2086.

Moffitt, T.E., **Meier, M.H.**, Caspi, A., & Poulton, R. (2013). Reply to Rogeberg and Daly: No evidence that socioeconomic status or personality differences confound the association between cannabis use and IQ-decline. *Proceedings of the National Academy of Sciences, 110,* E980-E982.

**2012**

**Meier, M.H.,** Caspi, A., Ambler, A., Harrington, H.L., Houts, R., Keefe, R.S.E., McDonald, K., Ward, A., Poulton, R., & Moffitt, T.E. (2012). Persistent cannabis users show neuropsychological decline from childhood to midlife. *Proceedings of the National Academy of Sciences*,109, 2657-2664.

**2011**

**Meier, M.H.**, Slutske, W.S., Heath, A.C., & Martin, N.G. (2011). Sex differences in the genetic and environmental influences on childhood conduct disorder and adult antisocial behavior. *Journal of Abnormal Psychology*, 120, 377-388.

Slutske, W.S., Zhu, G., **Meier, M.H.**, & Martin, N.G. (2011). Disordered gambling as defined by the Diagnostic and Statistical Manual of Mental Disorders and the South Oaks Gambling Screen: Evidence for a common etiologic structure. *Journal of Abnormal Psychology*,120, 743-751.

Slutske, W.S., *Bascom, E.N.*, **Meier, M.H.**, Medland, S.E., & Martin, N.G. (2011). Sensation seeking in females from opposite- versus same-sex twin pairs: Hormone transfer or sibling imitation? *Behavior Genetics,* 41, 533-542*.*

**2010**

Slutske, W.S., Zhu, G., **Meier, M.H.**, & Martin, N.G. (2010). Genetic and environmental influences on disordered gambling in men and women. *Archives of General Psychiatry, 67,* 624-630.

**2009**

**Meier, M.H.**, Slutske, W.S., Heath, A.C., & Martin, N.G. (2009). The role of harsh discipline in explaining sex differences in conduct disorder: A study of opposite-sex twin pairs. *Journal of Abnormal Child Psychology, 37,* 653-664.

Slutske, W.S., **Meier, M.H.**, Zhu, G., Statham, D.J., Blaszczynski, A., & Martin, N.G. (2009). The Australian twin study of gambling (OZ-GAM): Rationale, sample description, predictors of participation, and a first look at sources of individual differences in gambling involvement. *Twin Research and Human Genetics, 12,* 63-78.

**2008**

**Meier, M.H.**, Slutske, W.S., Arndt, S., & Cadoret, R.J. (2008). Impulsive and callous traits are more strongly associated with delinquent behavior in higher risk neighborhoods among boys and girls. *Journal of Abnormal Psychology, 117,* 377-385.

**2007**

**Meier, M.H.**, Slutske, W.S., Arndt, S., & Cadoret, R.J. (2007). Positive alcohol expectancies partially mediate the relation between delinquent behavior and alcohol use: Generalizability across age, sex, and race in a cohort of 85,000 Iowa schoolchildren. *Psychology of Addictive Behaviors, 21,* 25-34.

**Manuscripts Under Review**

**Meier, M.H.,** Beardslee, J., & Pardini, D. Associations between cannabis use and internalizing problems: A longitudinal cohort study.

**Meier, M.H.,** Docherty, M., Leischow, S., & Pardini, D. Cannabis concentrate use in adolescents.

**Meier, M.H.,** Schriber, R., Beardslee, J., Hanson, J., & Pardini, D. Associations between adolescent cannabis use and adult brain structure: A prospective study of men.

**Manuscripts In Preparation**

**Meier, M.H.** Cannabis use and neuropsychological impairment in older adults.

**Meier, M.H**. et al. Changes in medical cannabis use in 33 US states.

**Sponsored Research**

**Under Review**

**2019-2021 Principal Investigator:** “Effects of Inhaled Dispensary Cannabis in Medical Cannabis Users with Chronic Back or Neck Pain.” National Center for Complementary and Integrative Health R21.

**In Revision**

2019-2023 **Principal Investigator:** “Effects of Cannabis Use on Cognition, Pain, Affect, and Sleep in Older Adults.” National Institute on Aging R01.

2019-2023 **Co-Investigator:** “Long-term cannabis users from adolescence to midlife: Ready for old age?” National Institute on Aging R01.

**Awarded**

2018 **Principal Investigator:** “Effects of Cannabis Use on Cognition, Pain, Sleep, and Affect in Older Adults.” Arizona State University, Department of Psychology Cialdini Leap Forward Investment, $10,000 total direct costs.

2016-19 **Mentor** (Recipient: Doctoral Student Melanie L. Hill): National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) Fellowship, $138,000 total direct costs

2015 **Principal Investigator:** “Cannabis Use Among Older Adults.” Arizona State University, Institute for Social Science Research, $4,000 total direct costs.

2012 **Co-Principal Investigator: “**Do Smoking-associated Genetic Variants Underlie a Spectrum of Externalizing Behavior?” National Institute on Drug Abuse, Duke Transdisciplinary Prevention Research Center Seed Grant, $3,733 total direct costs.

2007-09 **Principal Investigator:** “Sex Differences in Antisocial Behavior.” National Institute of Mental Health, Ruth L. Kirschstein Individual National Research Service Award, $60,139 total direct costs.

**Honors and Awards**

2019 Nominated for the Zebulon Pearce Distinguished Teaching Award, Arizona State University

2016 Recognized as top 5% of >1,500 journal reviewers for *Drug and Alcohol Dependence*

2015 Rising Star Designation, Association for Psychological Science

2014 Competitive Travel Award, American Psychopathological Association Annual Meeting, Awarded by the American Psychopathological Association

2012 Enoch Gordis Award, Research Society on Alcoholism Annual Meeting, Awarded by the Research Society on Alcoholism

2012 Competitive Junior Investigator Award, Research Society on Alcoholism Annual Meeting, Awarded by the Research Society on Alcoholism

2010 Competitive Student Travel Award, American Psychopathological Association Annual Meeting, Awarded by the American Psychopathological Association

2007 Mark H. Thelen Outstanding Clinical Graduate Student Award, Awarded by the University of Missouri Department of Psychological Sciences

2005 Summer Grant Writing Fellowship, Awarded by the University of Missouri Department of Psychological Sciences

2002 Academic Fellowship, Awarded by the University of Missouri Department of Psychological Sciences

2001 Phi Beta Kappa, University of Virginia

**Invited Presentations**

**Meier, M.H.** Associations between persistent cannabis use and cognitive and psychosocial functioning. April 2019: Duke University, Spring Symposium of the Duke Center on Addiction and Behavior Change: Altered States of Cannabis Regulation.

**Meier, M.H.,** Caspi, A., Poulton, R., & Moffitt, T.E. Cannabis use and cognitive impairment. NIH Summit on Marijuana and Cannabinoids. March 2016: Bethesda, MD.

**Meier, M.H.,** Cerdá, M, Caspi, A., & Moffitt, T.E. Persistent cannabis use and its associations with cognitive functioning, physical health, and social and economic functioning in early midlife. Mayo Clinic. February 2016: Scottsdale, AZ.

**Meier, M.H.** Retinal microvessels reveal familial vulnerability to psychosis symptoms. Phoenix VA Health Care System. April 2015: Phoenix, AZ.

**Meier, M.H.,** Moffitt, T.E., & Caspi, A. Persistent cannabis users show neuropsychological decline from childhood to midlife. Fourth World Forum Against Drugs. May 2014: Stockholm, Sweden.

**Meier, M.H.,** Moffitt, T.E., & Caspi, A. Adolescent-onset cannabis users show IQ decline from childhood to midlife. California Society of Addiction Medicine. October 2013: San Diego, CA.

**Meier, M.H.,** Moffitt, T.E., & Caspi, A. Microvascular abnormality in schizophrenia as shown by retinal imaging. QIMR Berghofer Medical Research Institute. August 2013: Brisbane, Australia.

**Conference Presentations**

\*Okey, S., **Meier, M.H.** (June, 2019). Within-person comparison of marijuana and butane hash oil. 81st Annual Scientific Meeting of the College on Problems of Drug Dependence, San Antonio, TX.

\*Jones, C.B., **Meier, M.H.,** & Chassin, L. (May, 2019). Adolescent executive cognitive functioning and impulsivity as predictors of young-adult risky drinking and alcohol-related problems. Poster presented at the 31st annual Association for Psychological Science Convention, Washington, DC.

\*Hill, M.L, \*Jones, C.B., & **Meier, M.H.** (March, 2019).Rumination prospectively predicts increased cannabis problems in young adults. Poster presented at the 2019 International Convention of Psychological Science, Paris, France.

**Meier, M.H.,** & Chassin, L. (August, 2018). *A developmental psychopathology perspective on addiction and psychopathology.* Talk given at the 2018 meeting of the American Psychological Association, San Francisco, CA.

\*Hill, M.L. & **Meier, M.H.** (May, 2018). *Cannabis use is associated with subclinical markers of vascular risk in young adults.* Poster presented at the Association for Psychological Science, San Francisco, CA.

**Meier, M.H.** (June, 2018). *Neuropsychological impairment in older adult cannabis users.* Poster presented at the 2018 meeting of the College on Problems of Drug Dependence, San Diego, CA.

\*Jones, C.B., & **Meier, M.H**. (June, 2018). *Potential risks of cannabis vaping and edible use.* Poster presented at the 2018 meeting of the College on Problems of Drug Dependence, San Diego, CA.

\*Sternberg, A., \*Hill, M.L., Suk, H.W., **Meier, M.H**., Chassin, L. (June, 2018). *Exploring cannabis-specific parenting as a mechanism of the intergenerational transmission of cannabis use and cannabis use disorder on offspring adolescent cannabis use.* Poster presented at the 2018 meeting of the College on Problems of Drug Dependence, San Diego, CA.

**Meier, M.H.,** Byrne, E., Wong, T., & Sim, X. (April, 2018). *Phenotypic and genetic associations between schizophrenia and retinal vessel diameter.* Talk given at the 2018 meeting of the Schizophrenia International Research Society, Florence, Italy.

**Meier, M.H.,** & Pardini, D.A. (May, 2017). Accurately identifying adolescents who will exhibit persistent frequent substance use in adulthood. Talk given at the 25th annual meeting of the Society for Prevention Research, Washington, D.C.

\*Hill, M.L., Sternberg, A., Suk H.W., **Meier, M.H.**, & Chassin, L. (May, 2017). *Parenting and the intergenerational transmission of cannabis use: A multilevel mediation model approach.* Poster presented at the 29th Annual Meeting of the Association for Psychological Science, Boston, MA.

**Meier, M.H.** *Neuropsychological impairment among adolescent-onset cannabis users* (December, 2016)*.* Talk given at the 55th annual meeting of the American College of Neuropsychopharmacology. Hollywood, FL.

\*Small, P. J., **Meier, M. H.**, Infurna, F. J., & Luthar, S. S. (May, 2016). *Affluent youth in emerging adulthood: Elevated substance use relative to norms*. Poster presented at the 28th Annual Meeting of the Association for Psychological Science, Chicago, IL.

**Meier., M.H.,** Caspi, A., & Moffitt. T. (May, 2016). *Associations between cannabis use and laboratory-based physical health problems in early midlife: A longitudinal comparison of persistent cannabis and tobacco users.* Talk given at the Life History Society Annual Meeting. Amsterdam, The Netherlands.

**Meier, M.H.,** Moffitt, T.E., & Caspi, A. (December, 2014). *Persistent cannabis users show neuropsychological decline from childhood to midlife.* Talk given as part of a study group at the American College of Neuropsychopharmacology Annual Meeting. Phoenix, Arizona.

**Meier, M.H.**, Moffitt, T.E., & Caspi, A. (October, 2014). *Persistent cannabis users show neuropsychological decline from childhood to midlife.* Talk given as part of a symposium at the American Academy of Child and Adolescent Psychiatry Annual Meeting. San Diego, CA.

**Meier, M.H.,** Hall, W., Caspi, A., Moffitt, T.E. (March, 2014). *How accurately can childhood and adolescent risk factors predict persistent substance dependence in adulthood?* Poster presented at the annual meeting of the American Psychopathological Association. New York, New York.

**Meier, M.H.,** Moffitt, T.E., & Caspi, A. (April, 2013). *Adolescent-onset cannabis users show IQ decline from childhood to midlife.* Talk given as part of a symposium at the biennial meeting of the International Congress on Schizophrenia Research. Orlando, FL.

**Meier, M.H.,** Caspi, A., & Moffitt, T.E. (June, 2012). *Prospective developmental subtypes of alcohol dependence from age 18 to 32 years: Implications for nosology, etiology, and intervention.* Paper and poster presented at the 35th annual meeting of the Research Society on Alcoholism. San Francisco, CA. *Enoch Gordis Award winner.*

**Meier, M.H.,** Slutske, W.S., Heath, A.C., & Martin, N.G. (March, 2010). *Sex differences in the genetic and environmental influences on antisocial behavior across development.* Poster presented at the 100th Annual meeting of the American Psychopathological Association. New York, New York.

**Meier, M.H.,** Slutske, W.S., & Cadoret, R.J. (June, 2005). *Positive alcohol expectancies partially mediate the relation between delinquent behavior and alcohol use: Generalizability across age, sex, and race in a cohort of 85,000 Iowa schoolchildren.* Poster presented at the 28th annual meeting of the Research Society on Alcoholism. Santa Barbara, CA.

**Meier, M.H.,** Slutske, W.S., Bucholz, K.K., Madden, P.A.F., & Heath, A.C. (June, 2004). *Disentangling genetic and environmental contributions to the association between oppositional defiant disorder symptoms and alcohol problems.* Poster presented at the 27th annual meeting of the Research Society on Alcoholism. Vancouver, B.C.

**Meier, M.H.,** Slutske, W.S., Bucholz, K.K., Madden, P.A.F., & Heath, A.C. (June, 2003).

*The persistence of oppositional defiant disorder and the risk for alcohol problems in a community sample of adolescent female twins.* Poster presented at the 26th annual meeting of the Research Society on Alcoholism. Fort Lauderdale, FL.

**Teaching Experience**

**Arizona State University, Department of Psychology**

PSY 366: Abnormal Psychology, Fall 2013, Fall 2014, Spring 2015, Fall 2015, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019

PSY 394: Substance Abuse Overview, Fall 2014

PSY 591: Psychology of Addictions, Spring 2014, Spring 2016, Spring 2019

PSY 578: Developmental Psychopathology, Fall 2017

**Mentoring**

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| --- | --- | --- | --- |
| **Doctoral Student Mentoring.** This table is organized by my role (chaired roles come first) and then by year. | | | |
| Student | **Role on committee** | **Milestone**  **Completion Year** | **Milestonea** |
| Melanie Hill | Chair | 2018 | Dissertation Proposal |
|  | Chair | 2017 | Comprehensive Exam |
|  | Chair | 2016 | Master’s Thesis |
| Connor Jones | Chair | 2018 | Comprehensive Exam |
|  | Chair | 2017 | Master’s Thesis |
| Sarah Okey | Chair | 2018 | Master’s Thesis Proposal |
| Ariel Sternberg | Member | 2019 | Dissertation Proposal |
| Amanda Bruening | Member | 2017 | Comprehensive Exam |
| Kyle Menary | Member | 2017 | Dissertation |
|  | Member | 2015 | Comprehensive Exam |
|  | Member | 2014 | Master’s Thesis |
| Holly O’Rourke | Member | 2016 | Dissertation |
|  | Member | 2015 | Comprehensive Exam |
| Mariam Hanna | Member | 2016 | Comprehensive Exam |
| Phillip Small | Member | 2015 | Master’s Thesis |
| Meghan Lally | Member | 2015 | Dissertation Proposal |
| a. Doctoral student master’s theses and dissertations in the Psychology Department are completed in three stages: proposal, data meeting, and defense. There is a formal committee meeting and pass/fail designation at each stage. For simplicity, milestones in this table are labeled as “proposal” if the final defense has not yet occurred. Comprehensive exams involve either a grant proposal or a literature review, with a single defense meeting. | | | |

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| **Undergraduate Student Mentoring.** This table is organized by milestone, my role (chaired roles come first), and by year. | | | |
| Student | **Role on committee** | **Milestone**  **Completion Year** | **Milestonea** |
| Alexandria Dake | Chair | 2019 | Undergraduate Honor’s Thesis |
| Makita White | Chair | 2016 | Undergraduate Honor’s Thesis |
| Lucia Carbajal | Chair | 2016 | Undergraduate Honor’s Thesis |
| Katherine Gandee | Chair | 2016 | Undergraduate Honor’s Thesis |
| Emily Lynch | Chair | 2015 | Undergraduate Honor’s Thesis |
| Jaclyn Stack | Member | 2017 | Undergraduate Honor’s Thesis |
| Kira Gomez | Member | 2016 | Undergraduate Honor’s Thesis |
| Elizabeth Perry | Member | 2015 | Undergraduate Honor’s Thesis |
| Emma Lauer | Member | 2014 | Undergraduate Honor’s Thesis |
| Alexandria Melick | n/a | 2019 | Barrett Honor’s Contract |
| Callista Morlock | n/a | 2019 | Barrett Honor’s Contract |
| Kali Draper | n/a | 2018 | Barrett Honor’s Contract |
| Angelica Town | n/a | 2018 | Barrett Honor’s Contract |
| Jenna Vanderhave | n/a | 2018 | Barrett Honor’s Contract |
| Karla Valenzuela | n/a | 2018 | Barrett Honor’s Contract |
| Mikayla Carlson | n/a | 2018 | Barrett Honor’s Contract |
| Libby Allnatt | n/a | 2017 | Barrett Honor’s Contract |
| Aegia Mari Baldevia | n/a | 2017 | Barrett Honor’s Contract |
| Victoria Temporini | n/a | 2017 | Barrett Honor’s Contract |
| Stephanie Miller | n/a | 2017 | Barrett Honor’s Contract |
| Maddie Barton | n/a | 2017 | Barrett Honor’s Contract |
| Lennie To | n/a | 2015 | Barrett Honor’s Contract |
| Steven Granger | n/a | 2014 | Barrett Honor’s Contract |
| Katherine Zwickl | n/a | 2013 | Barrett Honor’s Contract |
| Yosemi Mendoza | n/a | 2013-15 | ASU Upward Bound Program |
| a. Psychology honor’s theses are empirical papers. Students develop a research question, collect the data, analyze the data using inferential statistics, and write up the results in a paper that includes an introduction, methods, results, and discussion section. Barrett Honor’s contracts involve writing a literature review or preparing an oral presentation on a controversial topic in psychological science. | | | |

**Student Awards**

**2017**

Connor Jones (Doctoral Student): Recipient of a National Institute on Drug Abuse T32 Pre-Doctoral Training Fellowship (DA039772)

**2016**

Melanie Hill (Doctoral Student): Recipient of the National Science Foundation Graduate Research Fellowship

**2015**

Emily Lynch (Undergraduate Student): $1,700 Zita M. Johnson Child Study Scholarship from ASU Psychology

Aundrea DeGravina (Undergraduate Student): $1,000 Psychology Scholar Award from ASU Psychology

**Service**

**Departmental and University Service**

ASU Teaching of Psychology Practicum Supervisor (Spring 2019)

ASU Psi Chi Faculty Representative (2017-19)

ASU Psychology Faculty Emissary to STEM Camp Meeting (2017)

ASU Faculty Cross Talk Seminar: Health in Social Sciences – Gave research talk on cannabis use (2017)

ASU Institute for Social Science Research Poster Event – Poster Presenter (2017)

ASU Behavior Genetics Search Committee (2017-18)

ASU Psychology Advisory Committee (2016-18)

ASU Psychology Lab Tours (2016-18)

Poster Reviewer for the Arizona Psychology Undergraduate Research Conference (2016-19)

ASU Night of the Open Door (2015-16)

ASU Clinical Psychology Internship Mock Interviews (2014-18)

ASU DoctoralAdmissions Committee (2014-16)

ASU ASSIST Sun Devil Workshop (2014)

ASU American English and Culture Program (2014)

**Professional Service**

Grant Reviewer, Canadian Institutes of Health Research (Canadian equivalent of US National Institutes of Health), October 2018

Consulting Editor, *Journal of Abnormal Psychology*, 2017-present

Ad-Hoc Journal Reviewer

Addiction, Addictive Behaviors, Addictive Behaviors Reports, Alcoholism: Clinical and Experimental Research, American Journal of Preventive Medicine, American Journal of Psychiatry, American Journal on Addictions, Bipolar Disorders, Clinical Psychological Science, Criminal Justice and Behavior, Drug and Alcohol Dependence, JAMA Psychiatry, Journal of Abnormal Psychology, Journal of Adolescent Health, Journal of Personality, Journal of Research in Personality, Journal of Studies on Alcohol and Drugs, Lancet Psychiatry, Molecular Psychiatry, Psychology of Addictive Behaviors, Psychological Science, Schizophrenia Bulletin, Schizophrenia Research; Social Psychiatry and Psychiatric Epidemiology

**Community Service** (Talks given to public about cannabis use and/or psychosis)

Arizona Governor’s Office of Youth and Family – Youth Prevention Program, Phoenix, AZ, 2018

Psychosis and Psychotic-like Experiences, Spirit of the Senses, Phoenix, AZ, 2017

Marijuana Harmless? Think Again! Phoenix, AZ, 2015

Durham Academy High School, Durham, NC, 2013

Alice Aycock Poe Center for Health Education, Raleigh, NC, 2012

Brain Awareness Week, Duke Institute for Brain Sciences, Durham, NC, 2012

**Selected Media Coverage and Editorials**

“Teen Marijuana Use Not Independently Linked with IQ Decline” (2017). *New York Daily News*. <http://www.nydailynews.com/life-style/teen-marijuana-not-independently-linked-iq-decline-article-1.3397345>

Marijuana and Cannabinoids: A Neuroscience Research Summit (2016). I speak at 2 hours and 36 minutes. <https://videocast.nih.gov/summary.asp?Live=18464&bhcp=1>

“Chronic marijuana use is about as bad for your health as not flossing, researchers find” (2016). *Washington Post*. https://www.washingtonpost.com/news/wonk/wp/2016/06/02/chronic-marijuana-use-is-about-as-bad-for-your-health-as-not-flossing-researchers-find/

“Treating Depression Early May Protect the Heart,” by Tori Rodriguez. (2015). *Scientific American*. <http://www.scientificamerican.com/article/treating-depression-early-may-protect-the-heart/>

Comments by Dr. Irving Gottesman on Meier et al., “Retinal microvessels reflect familial vulnerability to psychotic symptoms: A comparison of twins discordant for psychotic symptoms and controls.” (2015). Schizophrenia Research Forum. Follow this link and click on “read more.” <http://www.schizophreniaforum.org/pap/annotation.asp?powID=185039#{00E5769B-1B75-437D-8891-C1172AE64EC5}>

“The Addiction Paradox,” by Bruce Bower. (2014). *Science News*. https://www.sciencenews.org/article/addiction-paradox

“Zeroing in on early cognitive development in schizophrenia,” by D. Dickinson. (2014). *American Journal of Psychiatry,* 171, 9-12.

“Looking schizophrenia in the eye,” by D. Malaspina. (2013). *American Journal of Psychiatry,* 170(12), 1382-1384.

“Forty-year Study Reveals Patterns of Cognitive Decline in Schizophrenia,” by A. A. Curley. (2013). Schizophrenia Research Forum. <http://www.schizophreniaforum.org/new/detailprint.asp?id=1950>

“Retinal Blood Vessels May Be Abnormal in Schizophrenia, Study Finds.” (2013). *Psychiatric News*. <http://alert.psychnews.org/search?updated-min=2013-01-01T00:00:00-05:00&updated-max=2014-01-01T00:00:00-05:00&max-results=50>

NIDA Notes: Researchers Speak – Dr. Madeline Meier on Marijuana and IQ. (2013). National Institute on Drug Abuse (NIDA/NIH). <http://www.drugabuse.gov/videos/nida-notes-researchers-speak-dr-madeline-meier-marijuana-iq>

“Teen Pot Use Linked to Later Declines in IQ,” by Malcom Ritter. (2012). *Associated Press*. http://news.yahoo.com/teen-pot-linked-later-declines-iq-192328332.html

“Drop in IQ Linked to Heavy Teenage Cannabis Use,” by Leigh Phillips. (2012). *Nature*. <http://www.nature.com/news/drop-in-iq-linked-to-heavy-teenage-cannabis-use-1.11278>