

MATTHEW R. LEE, PH.D.

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Center of Alcohol Studies
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EDUCATION

- 2009-2013** Ph.D. in Psychology, Arizona State University, Tempe, AZ
2006-2009 M.A. in Psychology, Arizona State University, Tempe, AZ
2001-2006 B.Sc. in Psychology, SUNY College at Buffalo, Buffalo, NY

EMPLOYMENT/TRAINING

- 2018-** Assistant Professor, Center of Alcohol Studies, Graduate School of Applied and Professional Psychology, Rutgers, the State University of New Jersey
- 2016-2018** Research Assistant Professor, Department of Psychological Sciences, University of Missouri
- Supported by NIAAA-funded K99/R00 “Pathway to Independence” award (K99-AA024236)
 - Mentor: Kenneth J. Sher
- 2015-2016** Postdoctoral Preparing Future Faculty (PFF) Trainee, Department of Psychological Sciences, University of Missouri
- Supported by PFF fellowship awarded by the University’s Office of Research and Graduate Studies
 - Mentored research, teaching and professional-development training
 - Mentors: Kenneth J. Sher and Dennis K. Miller
- 2013-2015** Postdoctoral Alcohol Research Trainee, Department of Psychological Sciences, University of Missouri
- Supported by NIAAA-funded alcohol research training program (T32-AA013526)
 - Training in young-adult developmental alcohol research
 - Mentor: Kenneth J. Sher
- 2009-2010** Predoctoral Research Trainee, Psychology Department, Arizona State University, Tempe, AZ
- Supported by NIMH-funded research training program (T32-MH018387)
 - Training in young-adult and adolescent developmental alcohol research
 - Mentor: Laurie Chassin
- 2006-2013** Predoctoral Research Assistant, Psychology Department, Arizona State University, Tempe, AZ
- Training in young-adult and adolescent developmental psychopathology research while working for an NIAAA-funded multigenerational, longitudinal study of familial alcohol use disorder (R01-AA016213)
 - Mentor: Laurie Chassin

SUBSTANTIVE AREAS OF EXPERTISE

- Developmental psychopathology
- Adolescent to young-adult development
- Lifespan development and aging
- Desistance from problem drinking and alcohol use disorder
- Marriage and parenthood as desistance mechanisms
- Alcohol use disorder diagnosis and epidemiology

METHODOLOGICAL AREAS OF EXPERTISE

- Longitudinal data analysis (e.g., SEM- and MLM-based growth modeling, cross-lag panel modeling)
- Latent-class and latent-transition analysis
- Mediation analysis
- Integrative data analysis
- Monte Carlo simulation
- Software: SPSS, SAS, Mplus, R

AWARDS AND HONORS

- 2016-2021 **K99/R00 Pathway to Independence Award (K99-AA024236), National Institute of Alcohol Abuse and Alcoholism**
- 2017-2019 **National Institutes of Health Clinical Loan Repayment Program (LRP) award, National Institute of Alcohol Abuse and Alcoholism**
- 2017-2018 **Faculty Scholars Program, Office of Academic Affairs, Research and Economic Development, University of Missouri**
- 2015-2016 **Postdoctoral Preparing Future Faculty Fellowship, Awarded by the Office of Research and Graduate Studies, University of Missouri**
- 2014 **Junior Investigator Award, Research Society on Alcoholism**
- 2008 **Predocctoral Travel Award, Graduate College, Arizona State University**

PROFESSIONAL AFFILIATIONS

- *Research Society on Alcoholism*
- *Society for Research on Adolescence*
- *Gerontological Society of America*

EDITORIAL SERVICE

Ad hoc reviewer for scientific journals

- *Alcoholism: Clinical and Experimental Research*
- *Asian Journal of Social Psychology*
- *Journal of Adolescent Health*
- *Journal of Clinical Child and Adolescent Psychology*
- *Nicotine and Tobacco Research*
- *Prevention Science*
- *Psychology of Addictive Behaviors*
- *Substance Use and Misuse*

Ad hoc reviewer for professional conferences

- *Society for Research on Adolescence*

PUBLICATIONS

*underlined names indicate student coauthors contributing under my supervision

Journal articles:

- Lee, M. R., Boness, C. L., McDowell, Y. E., Vergés, A., Steinley, D. L., & Sher, K. J. (2017). Desistance and Severity of Alcohol Use Disorder: A Lifespan-Developmental Investigation. *Clinical Psychological Science*. Retrieved from <http://journals.sagepub.com/doi/10.1177/2167702617736852>
- Lee, M. R. & Sher, K. J. (2017). "Maturing out" of binge and problem drinking. *Alcohol Research: Current Reviews*, 39(1). Retrieved from <https://www.arcr.niaaa.nih.gov/arcr391/article05.htm>
- Wang, F., Chassin, L., Lee, M. R., Haller, M., & King, K. M. (2016). Roles of Response Inhibition and Gene-Environment Interplay in Pathways to Adolescents' Externalizing Problems. *Journal of Research on Adolescence*, 27(2), 258-277.
- Wang, F., Pandika, D., Chassin, L., Lee, M. R., & King, K. M. (2016). Testing the Relations Among Family Disorganization, Delay Discounting, and Adolescent Alcohol Use: A Genetically-Informed Study. *Alcoholism: Clinical and Experimental Research*, 40(4), 846-856.
- Lee, M. R., Ellingson, J. M., & Sher, K. J. (2015). Integrating Social-Contextual and Intrapersonal Mechanisms of "Maturing Out": Joint Influences of Familial Role Transitions and Personality Maturation on Problem Drinking Reductions. *Alcoholism: Clinical and Experimental Research*, 39(9), 1775-1787.
- Lee, M. R., Chassin, L., & MacKinnon, D. (2015). Role Transitions and Young Adult Maturing Out of Heavy Drinking: Evidence for Larger Effects of Marriage among More Severe Pre-Marriage Problem Drinkers. *Alcoholism: Clinical and Experimental Research*, 39(6), 1064-1074.
- Lee, M. R., Bartholow, B. D., McCarthy, D. M., Pedersen, S. L., & Sher, K. J. (2014). Two Alternative Approaches to Conventional Person-Mean Imputation Scoring of the Self-Rating of the Effects of Alcohol Scale (SRE). *Psychology of Addictive Behaviors*, 29(1), 231-236.
- Lee, M. R., Chassin, L., & Villalta, I. K. (2013). Maturing out of alcohol involvement: Transitions in latent drinking statuses from late adolescence to adulthood. *Development and psychopathology*, 25(4), 1137-1153.

- Chassin, L., **Lee, M. R.**, Cho, Y. I., Wang, F., Agrawal, A., Sher, K. J., & Lynskey, M. T. (2012). Testing multiple levels of influence in the intergenerational transmission of alcohol disorders from a developmental perspective: The example of alcohol use-promoting peers and μ -opioid receptor M1 variation. *Development and Psychopathology*, 24(3), 953-967.
- Lee, M. R.**, Chassin, L., & MacKinnon, D. (2010). The effect of marriage on young adult heavy drinking and its mediators: Results from two methods of adjusting for selection into marriage. *Psychology of Addictive Behaviors*, 24, 712-718.

Book chapters:

- Lee, M. R.**, **McDowell, Y. E.**, & Sher, K. J. (in press). Progression of substance use to substance use disorder. In Z. Sloboda, H. Petras, R. Hingson, & E. Robertson (Eds.), *Introduction to Substance Use Prevention*.
- Sher, K. J., Littlefield, A. K., & **Lee, M. R.** (in press). Personality Processes Related to the Development and Resolution of Alcohol Use Disorders: A Long and Continually Evolving Story. In H. E. Fitzgerald & L. I. Puttler (Eds.), *Alcohol Use Disorders: A Developmental Science Approach to Etiology*. Oxford University Press.
- Chassin, L., Haller, M., **Lee, M. R.**, Handley, E., Bountress, K., & Beltran, I. (2016). Familial Factors Influencing Offspring Substance Use and Dependence. In K. J. Sher (Ed.), *Oxford Handbook of Substance Use and Substance Use Disorders* (pp. 449-482). New York, NY: Oxford University Press.
- Sher, K. J. & **Lee, M. R.** (2015). Alcohol use disorders. In H. Friedman (Ed.), *Encyclopedia of Mental Health, 2nd Edition* (pp. 40-46). Oxford: Elsevier.
- Chassin, L., Presson, C., Il-Cho, Y., **Lee, M.**, & Macy, J. (2013). Developmental Factors in Addiction: Methodological Considerations. In J. MacKillop & H. De Wit (Eds.), *The Wiley-Blackwell Handbook of Addiction Psychopharmacology* (pp.5-26). Malden, MA, US: John Wiley & Sons.
- Chassin, L., Beltran, I., **Lee, M. R.**, Haller, M., & Villalta, I. (2009). Vulnerability to substance use disorders in childhood and adolescence. In R. Ingram and J. Price (Eds.), *Vulnerability to Psychopathology over the lifespan, 2nd Edition* (pp. 113-140). New York, NY, US: The Guilford Press.
- Colder, C., Chassin, L., **Lee, M. R.**, Villalta, I. (2009). Developmental perspectives: Affect and adolescent substance use. In J. D. Kassel (Ed.), *Substance abuse and emotion*. (pp. 109-135). Washington, DC, US: American Psychological Association.

Research papers under review:

- Lee, M. R.**, Yeung, E. W., Chassin, L., & Sher, K. J. (under review). A Lifespan-Developmental Investigation of Marriage and Problem-Drinking Desistance: Young-Adult Specificity of the Marriage Effect in Two High-Risk Samples.
- MacLean, M. G., Daws, R., **Lee, M. R.** (under review). College Drinking and Identification with Peer Crowds.

CONFERENCE PRESENTATIONS

*underlined names indicate student coauthors contributing under my supervision

Symposia presentations:

- Lee, M. R.**, Yeung, E. W., Chassin, L., & Sher, K. J. (2017, June). *A Lifespan-Developmental Investigation of Marriage and Problem-Drinking Desistance: Evidence for Young-Adult Specificity of the Marriage Effect and its Mediators*. Presented at the 13th Annual Satellite Session for Research on Mechanisms of Behavior Change, 40th Annual Scientific Meeting for the Research Society on Alcoholism, Denver, CO.
- Lee, M. R.**, Chassin, L. & MacKinnon, D. (2014, March). *Young Adult Maturing Out of Drinking: Moderation of Marriage Effects by Emerging Adult Levels of Drinking and Drinking Problems*. Presented at the symposium Advancing Research on Adolescent Health via Innovative Studies of Vulnerable Populations, 15th Biennial Meeting of the Society for Research on Adolescence, Austin, TX.
- Lee, M. R.**, Chassin, L., & Villalta, I. K. (2011, June). *Maturing out of Alcohol Involvement: Transitions in Latent Drinking Statuses from Emerging adulthood to Adulthood*. Presented at the symposium Forwarding the Developmental Psychopathology Approach to Alcohol Use: Current and Future Directions in Research Design, 34th Annual Scientific Meeting for the Research Society on Alcoholism, Atlanta, GA.

Selected poster presentations:

- Lee, M. R.** & Sher, K. J. (June 2017). Problem-drinking desistance across the adult lifespan: Young-adult specificity of familial-role effects on AUD desistance. Presented at the Research Society on Alcoholism conference, Denver, CO.
- Lee, M. R.**, Boness, C. L., McDowell, Y. E., Vergés, A., Steinley, D. L., & Sher, K. J. (June 2016). Developmental Variability in Problem-Drinking Desistance: Is Young Adulthood a Unique Period for Desistance from Severe Drinking Alcohol Use Disorder? Presented at the Research Society on Alcoholism conference, New Orleans, LA.
- Lee, M. R.**, Ellingson, J. M., & Sher, K. J. (June 2015). Integrating contextual and intrapersonal “maturing out” mechanisms: How do familial roles and personality jointly reduce problem drinking? Presented at the Research Society on Alcoholism conference, San Antonio, TX.
- Lee, M. R.** & Sher, K. J. (March 2015). Integrating contextual and intrapersonal “maturing out” mechanisms: How do familial roles and personality jointly reduce problem drinking? Presented at the 13th Guze Symposium on Alcoholism: Alcoholism and the Family, Washington University Medical Center, St. Louis, MO.

Lee, M. R., Bartholow, B. D., McCarthy, D. M., Pedersen, S., & Sher, K. J. (June 2014). Two Alternative Approaches to Conventional Person-Mean Imputation Scoring of the Self-Rating of the Effects of Alcohol Scale (SRE). Presented at the Research Society on conference, Bellevue, WA.

TEACHING EXPERIENCE

Department of Psychological Sciences, University of Missouri, Columbia, MO

- Taught four courses over two semesters as part of a Preparing Future Faculty Postdoctoral Fellowship:
- Mentor: Dennis K. Miller, Ph.D.
- 144 total hours of classroom instruction
 - Fall 2015:
 - PSYCH-3830: Health Psychology (54 students)
 - PSYCH-2220: Psychology of Addictive Behaviors (41 students)
 - Spring 2016:
 - PSYCH-3010: Research Methods (34 students)
 - PSYCH-2220: Psychology of Addictive Behaviors (125 students)

Department of Psychology, Arizona State University, Tempe, AZ

- PSY-290: Research Methods Lab Instructor, Spring 2011
 - Supervisor: Heather Cate
 - 18 hours of classroom instruction (25 students)
 - Delivered course material and supervised student research projects
- PSY-230: Introductory Statistics
 - Mentor: Stephen West, Ph.D.
 - 36 hours of classroom instruction (20 students)

SELECTED GUEST LECTURES AND PRESENTATIONS

Psychology Department, SUNY College at Buffalo, Buffalo, NY

- Research Talk: *Reductions in problem-drinking across the adult lifespan*, Invited Speaker Series, 11/2017
- Guest Lecture: *Research careers in psychology*, Undergraduate Honors Seminar, 11/2017

Department of Human Development and Family Studies, University of Missouri, Columbia, MO

- Research Talk: *Desistance from problem drinking across the adult lifespan*, Brown Bag Lecture Series, 10/2017

Department of Psychological Sciences, University of Missouri, Columbia, MO

- Research Talk: *Reductions in problem-drinking across the adult lifespan*, Alcohol Research Seminar, 10/2017
- Research Talk: *Desistance from alcohol use disorder across the lifespan*, Developmental Area Research Seminar, 9/2017
- Research Talk: *Desistance from alcohol use disorder across the lifespan*, Social Area Research Seminar, 9/2017
- Undergraduate Training Seminar: *Careers in alcohol research*, MU Alcohol Research Training Summer School, 6/2017
- Research Talk: *Age differences in marriage driven problem-drinking reduction*, Alcohol Research Seminar, 5/2017
- Guest Lecture: *Professional development*, PSYCH-8910: Responsible Conduct of Research, 12/2016
- Research Talk: *Desistance from alcohol use disorder across the lifespan*, Alcohol Research Seminar, 9/2016
- Undergraduate Training Seminar: *Careers in alcohol research*, MU Alcohol Research Training Summer School, 6/2016
- Undergraduate Training Seminar: *Alcohol across the lifespan*, MU Alcohol Research Training Summer School, 6/2016
- Research Talk: *Age differences in patterns of problem drinking desistance*, Alcohol Research Seminar, 3/2015
- Research Talk: *Family-role and personality effects on problem-drinking reductions*, Alcohol Research Seminar, 10/2014
- Research Talk: *Alternative scoring of the Self-Rating of the Effects of Alcohol Scale*, Alcohol Research Seminar, 3/2014
- Research Talk: *Young-adult maturing out of problem drinking*, Alcohol Research Seminar, 11/2013
- Undergraduate Training Seminar: *Young-adult problem drinking*, MU Alcohol Research Training Summer School, 7/2013

PROFESSIONAL DEVELOPMENT TRAINING

Faculty Scholars Program, University of Missouri, 2017-2018

- A year-long faculty development program designed to facilitate the success of new faculty at the University of Missouri
 - Monthly on-campus workshops
 - Three systemwide (i.e., across four University of Missouri campuses) training retreats
 - 1. Building Your Academic Portfolio (September 25-26, 2017)
 - 2. Beyond Content & Expertise (February 15-16, 2018)
 - 3. Course Design and Technology (April 16-17, 2018)

Postdoctoral Preparing Future Faculty Fellowship, University of Missouri, Columbia, MO, 2015-2016

- A postdoctoral fellowship designed to prepare fellows for a successful transition to a faculty role
 - Mentored teaching (see Teaching Experience)
 - Attended Preparing Future Faculty course, a year-long seminar designed to facilitate successful transitions to faculty positions by providing insights into teaching, research and service in higher education
 - Completed two-week online workshop “Designing Courses for Significant Learning” (<https://optimizelearning.org/>)

DEPARTMENTAL SERVICE ACTIVITIES

Department of Psychological Sciences, University of Missouri

- Curriculum Committee, 2015-2016
- Undergraduate MU Alcohol Research Training Summer School, 2013, 2014, 2016, 2017
- Coordinator for Alcohol Studies Research Seminar, 2013-2014

PUBLIC OUTREACH

- Interview for NBC affiliate KOMU 8 (<http://www.komu.com/news/university-study-claims-marriage-reduces-heavy-alcohol-consumption/>)

CLINICAL TRAINING EXPERIENCES

Neuropsychology Placement, Neuropsychological Assessment Services, Phoenix, AZ, July 2010-October 2011

- Supervising Psychologist: Susan Borgaro, Ph.D., ABPP
- Training and experience in neuropsychological testing and test-result interpretation

Resident Therapist Placement, Clinical Psychology Center, Arizona State University, August 2009-June 2010

- Supervising Psychologist: John Barton, Ph.D., ABPP
- Training and experience in both psychological assessment and therapy

Therapy Placement, EMPACT-Suicide Prevention Center, Tempe, Arizona, August 2008-June 2009

- Supervisors: Mark Treegoob, Ph.D. and Nancy Groppenbacher, LMFT
- Therapy with adolescents, families, adults, and couples
- Predominantly a low-SES population receiving government-assisted services

Therapy Practicum, Clinical Psychology Center, Arizona State University

- Supervising Psychologist: Manuel Barrera, Ph.D., August 2007-July 2008
- Didactic seminars, training, and experience in adolescent and adult therapy