

## **CURRICULUM VITAE**

**MOLLIE A. MONNIG**

### **CONTACT INFORMATION**

Address: Box G-S121-5  
Center for Alcohol and Addiction Studies  
Brown University  
Providence, RI 02912  
Phone: 401-863-3491  
Fax: 401-863-6697  
E-mail: mollie\_monnig@brown.edu

### **EDUCATION**

2004 Bachelor of Arts, English  
Amherst College, Amherst, MA  
2010 MA, Clinical Psychology  
University of New Mexico (UNM), Albuquerque, NM  
2014 PhD, Clinical Psychology, with Distinction  
University of New Mexico (UNM), Albuquerque, NM  
2013-2014 Internship in Clinical Psychology (APA-accredited)  
Harvard Medical School / McLean Hospital, Belmont, MA  
2014-2016 Postdoctoral Fellowship, NIH Institutional Training Grant T32AA007459  
Brown University Center for Alcohol and Addiction Studies, Providence, RI

### **ACADEMIC APPOINTMENTS**

2016-2025 Assistant Professor (Research Scholar Track), Department of Behavioral and  
Social Sciences, Brown University  
2025- Associate Professor (Research Scholar Track), Department of Behavioral and  
Social Sciences, Brown University

### **HONORS AND AWARDS**

2015 Junior Investigator Award, Research Society on Alcoholism  
2015-2017 Loan Repayment Award for Clinical Research, National Institute on Alcohol  
Abuse and Alcoholism  
2016 Junior Investigator Award, Research Society on Alcoholism  
2017-2018 Loan Repayment Award for Clinical Research, National Institute on Alcohol  
Abuse and Alcoholism  
2018-2019 Loan Repayment Award for Clinical Research, National Institute on Alcohol  
Abuse and Alcoholism  
2022 Outstanding Field Editor, *Alcohol: Clinical and Experimental Research*  
2023 Most Diligent Field Editor, *Alcohol: Clinical and Experimental Research*

2024 Outstanding Field Editor, *Alcohol: Clinical and Experimental Research*

## MEMBERSHIP IN SOCIETIES

2009- Research Society on Alcoholism

## DEPARTMENT, CENTER, AFFILIATED HOSPITAL, OR UNIVERSITY SERVICE

2015- Center for Alcohol and Addiction Studies Rounds Committee  
 2016- Center for Alcohol and Addiction Studies T32 Training Faculty  
 2017 Advance-CTR (U54GM115677), Mentored Research Awards, Ad Hoc Reviewer  
 2018 Center for Alcohol and Addiction Studies Faculty Search Committee  
 2020- BSS Antiracist Community and Advocacy Working Group/BSS Diversity  
 Inclusion Action Plan Committee

## NATIONAL OR INTERNATIONAL SERVICE

2023- Research Society on Alcohol (RSA) Publications Committee

### National Scientific Review Groups

2019 National Institute on Alcohol Abuse and Alcoholism, Special Emphasis Panel (2020/01 ZAA1 04M), Ad hoc reviewer  
 2019 National Institute on Drug Abuse, Advancing Exceptional Research on HIV/AIDS and Substance Abuse (R01) (2020/01 ZDA1 HXO-H 25R), Ad hoc reviewer  
 2020 National Institute on Alcohol Abuse and Alcoholism, Special Emphasis Panel (2021/01 ZAA1 CC04), Ad hoc reviewer  
 2021 National Institute on Alcohol Abuse and Alcoholism, Neuroscience Subcommittee Review Panel (2022/01 AA-4 1), Ad hoc reviewer  
 2022 National Institutes of Health, Biobehavioral and Behavioral Processes (BBBP-S 90) Study Section, Ad hoc reviewer  
 2022 National Institute on Alcohol Abuse and Alcoholism, Special Emphasis Panel (2022/05 ZAA1 CC 07), Ad hoc reviewer  
 2023 National Institute on Alcohol Abuse and Alcoholism, Neurotoxicology and Alcohol Study Section (2024/01 NAL), Ad hoc reviewer  
 2025 McKnight Brain Research Foundation, Cognitive Aging and Memory Intervention Core Pilot Grant Review Panel, Ad hoc reviewer  
 2026 National Institutes of Health Special Emphasis Panel, Topics in Aging, Neurological, Mental and behavioral Health [ZRG1 EPH-M (92)], Ad hoc reviewer

### Editorial Responsibilities

2017 Guest Academic Editor, *PLoS ONE*  
 2022- Field Editor, *Alcohol: Clinical and Experimental Research*  
 2024- Editorial Board, *Journal of Studies on Alcohol and Drugs*

## **Ad Hoc Journal Review**

*Addiction Biology; AIDS & Behavior; AIDS Care: Psychology, Health, & Medicine; Alcohol; Alcohol & Alcoholism; Alcoholism: Clinical and Experimental Research (ACER); American Journal of Drug and Alcohol Abuse; Annals of Internal Medicine; Behavioural Brain Research; Biomedical Research International; Brain, Behavior, and Immunity; Brain Connectivity; Cerebral Cortex; Clinical and Translational Degenerative Diseases; Experimental and Clinical Psychopharmacology; JAIDS; Journal of Clinical Medicine; Journal of Infectious Diseases; Journal of the International AIDS Society (JIAS); The Lancet HIV; Molecular Psychiatry; Neuroimage: Clinical; PLoS ONE; Psychiatry Research; Psychiatry Research: Neuroimaging; Neurotherapeutics; Psychopharmacology; Psychoneuroendocrinology; Psychosomatic Medicine; Substance Use & Misuse; Translational Psychiatry*

## **PUBLICATIONS IN PEER-REVIEWED JOURNALS**

**Notes:** \* denotes senior authorship. Trainee/mentee coauthor names are underlined.

1. Thoma, R., Gangestad, S., Euler, M., Lysne, P., **Monnig, M.**, & Yeo, R. (2008). Developmental instability and markers of schizotypy in university students. *Evolutionary Psychology*, 6(4), 586-594. <https://doi.org/10.1177/147470490800600405>
2. Thoma, R. J., **Monnig, M.**, Hanlon, F. M., Miller, G. A., Petropoulos, H., Mayer, A. R., Yeo, R., Euler, M., Lysne, P., Moses, S. N., & Cañive, J. M. (2009). Hippocampus volume and episodic memory in schizophrenia. *J Int Neuropsychol Soc*, 15, 182-195; PMCID: PMC2878285. <https://doi.org/S1355617709090225>
3. Thoma, R. J., **Monnig, M. A.**, Lysne, P. A., Ruhl, D. A., Pommy, J. A., Bogenschutz, M., Tonigan, J. S., & Yeo, R. A. (2011). Adolescent substance abuse: the effects of alcohol and marijuana on neuropsychological performance. *Alcohol Clin Exp Res*, 35, 39-46; PMCID: PMC3005001. <https://doi.org/10.1111/j.1530-0277.2010.01320.x>
4. Thoma, R. J., Mullins, P., Ruhl, D., **Monnig, M.**, Yeo, R. A., Caprihan, A., Bogenschutz, M., Lysne, P., Tonigan, S., Kalyanam, R., & Gasparovic, C. (2011). Perturbation of the glutamate-glutamine system in alcohol dependence and remission. *Neuropsychopharmacology*, 36, 1359-1365; PMCID: PMC3096805. <https://doi.org/npp201120>
5. **Monnig, M. A.**, Tonigan, J. S., Yeo, R. A., Thoma, R. J., & McCrady, B. S. (2013). White matter volume in alcohol use disorders: a meta-analysis. *Addict Biol*, 18(3), 581-592; PMCID: PMC3390447. <https://doi.org/10.1111/j.1369-1600.2012.00441.x>
6. Ladd, B. O., Glynn, L. H., Fischer, D. J., Owens, M., Hallgren, K. A., McLouth, C. J., **Monnig, M. A.**, Campbell, W., & McCrady, B. S. (2013). A guide for starting a specialty training clinic: an alcohol treatment program as an example. *Prof Psychol Res Pr*, 44(2), 65-72. PMCID: PMC3657837. <https://doi.org/10.1037/a0030699>

7. **Monnig, M. A.**, Caprihan, A., Yeo, R. A., Gasparovic, C., Ruhl, D. A., Lysne, P., Bogenschutz, M. E., Hutchison, K. E., & Thoma, R. J. (2013). Diffusion tensor imaging of white matter networks in individuals with current and remitted alcohol use disorders and comorbid conditions. *Psychol Addict Behav*, 27(2), 455-465. PMCID: PMC3374918. <https://doi.org/10.1037/a0027168>
8. Yeo, R. A., Thoma, R. J., Gasparovic, C., **Monnig, M.**, Harlaar, N., Calhoun, V. D., Kalyanam, R., Durazzo, T. C., & Hutchison, K. E. (2013). Neurometabolite concentration and clinical features of chronic alcohol use: a proton magnetic resonance spectroscopy study. *Psychiatry Res*, 211(2), 141-147; PMCID: PMC3570754. <https://doi.org/10.1016/j.psychresns.2012.05.005>
9. **Monnig, M. A.**, Thayer, R. E., Caprihan, A., Claus, E. D., Yeo, R. A., Calhoun, V. D., & Hutchison, K. E. (2014). White matter integrity is associated with alcohol cue reactivity in heavy drinkers. *Brain Behav*, 4(2), 158-170; PMCID: PMC3967532. <https://doi.org/10.1002/brb3.204>
10. **Monnig, M. A.**, Yeo, R. A., Tonigan, J. S., McCrady, B. S., Thoma, R. J., Sabbineni, A., & Hutchison, K. E. (2015). Associations of white matter microstructure with clinical and demographic characteristics in heavy drinkers. *PLoS One*, 10(11), e0142042. PMCID: PMC4631485. <https://doi.org/10.1371/journal.pone.0142042>
11. Thoma, R. J., Long, J., **Monnig, M.**, Yeo, R. A., Petropoulos, H., Gasparovic, C., Pommy, J., & Mullins, P. G. (2015). 1H-MRS glutamate level predicts auditory sensory gating in alcohol dependence: Preliminary results. *Neuropsychiatric Electrophysiology*, 1(1), 1-12. PMCID: PMC8130891. <https://doi.org/10.1186/s40810-015-0014-8>
12. **Monnig, M. A.**, Kahler, C. W., Lee, H., Pantalone, D. W., Mayer, K. H., Cohen, R. A., & Monti, P. M. (2016). Effects of smoking and alcohol use on neurocognitive functioning in heavy drinking, HIV-positive men who have sex with men. *AIDS Care*, 28(3), 300-305. PMCID: PMC4821065. <https://doi.org/10.1080/09540121.2015.1093595>
13. Monti, P. M., & **Monnig, M.** (2016). Ambivalence and motivational interviewing with adolescents: ensuring that the baby does not get thrown out with the bathwater. *Addiction*, 111(11), 1909-1910. PMCID: PMC5045316. <https://doi.org/10.1111/add.13356>
14. **Monnig, M. A.**, Kahler, C. W., Cioe, P. A., Tucker, L., Monti, P. M., Mayer, K. H., & Ramratnam, B. (2016). Alcohol use predicts elevation in inflammatory marker soluble CD14 in men living with HIV. *AIDS Care*, 28(11), 1434-1440. PMCID: PMC5017898. <https://doi.org/10.1080/09540121.2016.1189497>
15. **Monnig, M. A.** (2016). Immune activation and neuroinflammation in alcohol use and HIV infection: evidence for shared mechanisms. *Am J Drug Alcohol Abuse*, 43(1):7-23. PMCID: PMC5250549. <https://doi.org/10.1080/00952990.2016.1211667>

16. Merrill, J. E., Treloar, H., Fernandez, A. C., **Monnig, M. A.**, Jackson, K. M., & Barnett, N. P. (2016). Latent growth classes of alcohol-related blackouts over the first 2 years of college. *Psychol Addict Behav*, 30(8), 827-837. PMID: PMC5222736. <https://doi.org/10.1037/adb0000214>
17. **Monnig, M. A.**, Kahler, C. W., Cioe, P. A., Monti, P. M., Mayer, K. H., Pantalone, D. W., Cohen, R. A., & Ramratnam, B. (2017). Markers of microbial translocation and immune activation predict cognitive processing speed in heavy-drinking men living with HIV. *Microorganisms*, 5(4). PMID: PMC5748573. <https://doi.org/10.3390/microorganisms5040064>
18. Thoma, R. J., Cook, J. A., McGrew, C., King, J. H., Pulsipher, D. T., Yeo, R. A., **Monnig, M. A.**, Mayer, A., Pommy, J., & Campbell, R. (2018). Convergent and discriminant validity of the ImPACT with traditional neuropsychological measures. *Cogent Psychology*. 2018:5:1430199. PMID: PMC7523917. <https://doi.org/doi.org/10.1080/23311908.2018.1430199>
19. White, T. L., **Monnig, M. A.**, Walsh, E. G., Nitenson, A. Z., Harris, A. D., Cohen, R. A., Porges, E. C., Woods, A. J., Lamb, D. G., Boyd, C. A., & Fekir, S. (2018). Psychostimulant drug effects on glutamate, Glx, and creatine in the anterior cingulate cortex and subjective response in healthy humans. *Neuropsychopharmacology*, 43(7), 1498-1509. PMID: PMC5983539. <https://doi.org/10.1038/s41386-018-0027-7>
20. Cohen, R. A., Gullett, J. M., Porges, E. C., Woods, A. J., Lamb, D. G., Bryant, V. E., McAdams, M., Tashima, K., Cook, R., Bryant, K., **Monnig, M.A.**, Kahler, C.W., & Monti, P.M. (2019). Heavy alcohol use and age effects on HIV-associated neurocognitive function. *Alcoholism: Clinical and Experimental Research*, 43(1): 147-157. PMID: PMC6467512. <https://doi.org/10.1111/acer.13915>
21. **Monnig, M. A.**, Cohen, R., Ramratnam, B., McAdams, M., Tashima, K., & Monti, P. M. (2019). HIV infection, HCV co-infection, and alcohol use: associations with microbial translocation and immune activation. *Alcoholism: Clinical and Experimental Research*, 43(6): 1126-1134. PMID: PMC6551270. <https://doi.org/10.1111/acer.14032>
22. **Monnig, M. A.**, Woods, A. J., Walsh, E., Martone, C. M., Blumenthal, J., Monti, P. M., & Cohen, R. A. (2019). Cerebral metabolites on the descending limb of acute alcohol: a preliminary <sup>1</sup>H MRS study. *Alcohol and Alcoholism*, 54(5): 487-496. PMID: PMC6751411. <https://doi.org/10.1093/alcac/agz062>
23. **Monnig, M. A.**, Lamb, P. S., Parra, J. M., Cioe, P. A., Martone, C. M., Monti, P. M., & Szabo, G. (2020). Immune response to an acute moderate dose of alcohol in healthy young adults. *Alcohol and Alcoholism*, 55(6): 616-623. PMID: PMC7576506. <https://doi.org/10.1093/alcac/agaa079>
24. White, T. L., Gonsalves, M. A., Cohen, R. A., Harris, A. D., **Monnig, M. A.**, Walsh, E. G., Nitenson, A. Z., Porges, E. C., Lamb, D. G., Woods, A. J., & Borja, C. B. (2021). The neurobiology of wellness: <sup>1</sup>H-MRS correlates of agency, flexibility and neuroaffective

- reserves in healthy young adults. *Neuroimage*, 225, 117509. PMCID: PMC7869459. <https://doi.org/10.1016/j.neuroimage.2020.117509>
25. **Monnig, M. A.**, Gullett, J. M., Porges, E. C., Woods, A. J., Monti, P. M., Tashima, K., Jahanshad, N., Thompson, P., Nir, T., & Cohen, R. A. (2021). Associations of alcohol use, HIV infection, and age with brain white matter microstructure. *Journal of Neurovirology*, 27(6), 936-950. PMCID: PMC3901452. <https://doi.org/10.1007/s13365-021-01021-8>
26. **Monnig, M. A.**, Padovano, H. T., Sokolovsky, A.W., DeCost, G., Aston, E. R., Haass-Koffler, C. L., Szapary, C., Moyo, P., Avila, J. C., Tidey, J. W., Monti, P. M., & Ahluwalia, J. S. (2021). Associations of substance use with behavioral adherence to Centers for Disease Control and Prevention Guidelines for COVID-19 mitigation: Cross-sectional web-based survey. *JMIR Public Health and Surveillance*, Nov 9;7(11):e29319. PMCID: PMC8582757. <https://doi.org/10.2196/29319>
27. Morgan, K.M., Maglalang, D.D., **Monnig, M. A.**, Ahluwalia, J. S., Avila, J. C., & Sokolovsky, A. W. (2022). Medical mistrust, perceived discrimination, and race: A longitudinal analysis of predictors of COVID-19 vaccine hesitancy in US adults. *Journal of Racial and Ethnic Health Disparities*, Aug 1 [epub ahead of print]. PMCID: PMC9341411. <https://doi.org/10.1007/s40615-022-01368-6>
28. Szapary, C. L., Avila, J. C., **Monnig, M. A.**, Sokolovsky, A. W., DeCost, G., & Ahluwalia, J. S. (2022). Adherence to COVID-19 guidelines among current, former, and never smokers. *American Journal of Health Behavior*, 46(4): 442-455. PMCID: PMC9608846. <https://doi.org/10.5993/AJHB.46.4.5>
29. Goodyear, K., Moyo, P., Avila, J. C., Ahluwalia, J. S., & **Monnig, M. A.\*** (2022). Associations between alcohol and cannabis use before and during the COVID-19 pandemic: Results of a community survey. *Addictive Behaviors Reports* [epub 2022 Sep 9]. PMCID: PMC9458547. <https://doi.org/10.1016/j.abrep.2022/100455>
30. **Monnig, M. A.**, Clark, S. E., Avila, J. C., Sokolovsky, A. W., Padovano, H. T., Goodyear, K., Aston, E. R., Haass-Koffler, C. L., Tidey, J. W., Ahluwalia, J. S., & Monti, P. M. (2022). COVID-19-related stressors and clinical mental health symptoms in a Northeast US sample. *International Journal of Environmental Research and Public Health*, 20(2), 1367. PMCID: PMC9858791. <https://doi.org/10.3390/ijerph20021367>
31. **Monnig, M. A.** (2023). Brain not exempt from social determinants of health. *The Lancet HIV*, Apr;10(4):e212-213. PMCID: PMC10484330. [https://doi.org/10.1016/S2352-3018\(22\)00396-4](https://doi.org/10.1016/S2352-3018(22)00396-4)
32. Ward, G., Wurster, J. I., Lamb, P. S., DeCost, G., Belenky, P., **Monnig, M. A.\*** (2023). Alcohol consumption and oral microbiome composition in a sample of healthy young adults. *Alcohol and Alcoholism*, Jul27;agad048. PMCID: PMC10642607. <https://doi.org/10.1093/alcalc/agad048>
33. **Monnig, M. A.**, & Negash, S. (2023). Immune biomarkers in non-treatment-seeking heavy drinkers who used a probiotic supplement for 30 days: An open-label pilot study. *Alcohol*,

online ahead of print Aug 19;S0741-8329(23)00259. PMCID: PMC10875145.  
<https://doi.org/10.1016/j.alcohol.2023.08.007>

34. **Monnig, M. A., Clark, S. E.,** Padovano, H. T., Sokolovsky, A. W., Goodyear, K., Ahluwalia, J. S., & Monti, P. M. (2023). Access to medication for opioid use disorder supported by telemedicine and healthcare coverage: A web-based survey during the COVID-19 pandemic. *Addictive Behaviors Reports*, Sep 9:18:100515. PMCID: PMC10507580.  
<https://doi.org/10.1016/j.abrep.2023.100515>
35. Gully, B., Padovano, H. T., **Clark, S. E.,** Muro, G., & **Monnig, M. A.\*** (2023). Exposure to the death of others during the COVID-19 pandemic: Growing mistrust in medical institutions as a result of personal loss. *Behavioral Sciences*, 13(12), 999. PMCID:PMC10741189.  
<https://doi.org/10.3390/bs13120999>
36. **Monnig, M. A.,** Padovano, H. T., & Monti, P. M. (2024). Alcohol associated liver disease and behavioral and medical cofactors: Unmet needs and opportunities. *Frontiers in Public Health*, Apr 4:12:1322460. PMCID: PMC11024463.  
<https://doi.org/10.3389/fpubh.2024.1322460>
37. **Monnig, M. A., & Shah, K.** (2024). Linking alcohol use to Alzheimer’s disease: Interactions with aging and APOE along immune pathways. *Medical Research Archives*, [S.I.], v. 12, n. 8 aug. 2024. PMCID: PMC11563488. <https://doi.org/10.18103/mra.v12i8.5228>
38. Eaton, E., Capone, C., Gully, B. J., Brown, Z. E., **Monnig, M. A.,** Worden, M., Swift, R. M., & Haass-Koffler, C. L. (2024). Design and methodology of the first open-label trial of MDMA-assisted therapy for veterans with post-traumatic stress disorder and alcohol use disorder: Considerations for a randomized controlled trial. *Contemporary Clinical Trials Communications*, Jul 20:41:101333. PMCID: PMC11387902.  
<https://doi.org/10.1016/j.conctc.2024.101333>
39. Khanna, A. S., **Monnig, M. A., Clark, S. E.,** & Monti, P. M. (2024). Social network characteristics of COVID-19 vaccination and preventive health behaviors: Cross sectional findings from the US northeast during the early COVID-19 pandemic. *Vaccine: X*, 21: December 2024, 100577. PMCID: PMC11567046.  
<https://doi.org/10.1016/j.jvacx.2024.100577>
40. **Monnig, M. A., Lamb, P. S., Clark, S. E.,** & Monti, P. M. (2025). Acute changes in biomarkers under low- and moderate-dose alcohol in light and heavy drinkers: A randomized, placebo-controlled trial. *Alcohol: Clinical and Experimental Research*, 49(8): 1644-1658. PMCID: PMC12772440. <https://doi.org/10.1111/acer.70106>

## RESEARCH PRESENTATIONS

### National Invited Presentations

1. **Monnig, M. A.** (December, 2023). *Effects of alcohol on the gut-brain axis: A multidisciplinary approach*. Presented at the Kansas University Cofrin Logan Center for Addiction Research and Treatment.
2. **Monnig, M. A.** (March, 2024). *Effects of alcohol on the gut-brain axis among people with HIV*. Presented at the Boston University Medical Center International URBAN Alcohol Research Collaboration on HIV/AIDS.
3. **Monnig, M. A., Lamb, P. S., & Monti, P. M.** (June, 2024). *Cytokine dynamics under low and moderate dose alcohol in light and heavy drinkers: A randomized controlled trial*. Presented at the Research Society on Alcohol meeting in Minneapolis, MN.
4. **Monnig, M. A., Lamb, P. S., & Monti, P. M.** (June, 2024). *Evidence for immune conditioning to the expectation of receiving alcohol in healthy adults who drink heavily*. Presented at the Research Society on Alcohol meeting in Minneapolis, MN.
5. **Monnig, M. A.** (April, 2025). *Craving differences under acute alcohol in light and heavy drinkers in a randomized controlled trial*. Presented at the Collaborative Perspectives on Addiction (APA Division 50) meeting in Providence, RI.

#### **Local Invited Presentations**

1. **Monnig, M.A.** (2018, February). *Acute alcohol and the gut-brain axis: A pilot study*. Presentation at Brown University Center for Alcohol and Addiction Studies in Providence, RI.
2. **Monnig, M. A.** (2020, January). *Microbial translocation and innate immune markers following moderate alcohol in healthy volunteers*. Presentation at the Rhode Island Microbiome Symposium at the University of Rhode Island in Kingston, RI.
3. **Monnig, M.A.** (2025, September). *Alcohol and the gut-brain axis: A translational approach*. Presentation at Brown University Center for Alcohol and Addiction Studies in Providence, RI.

#### **Presentations at National Conferences**

1. **Monnig, M., Thoma, R. J., Hanlon, F. M., Petropoulos, H., Yeo, R. A., Lysne, P., & Euler, M.** (2008, February). Hippocampal subregion volume and memory in schizophrenia. Poster presented at the annual meeting of the International Neuropsychological Society in Waikoloa, HI.
2. **Monnig, M., Caprihan, A., Ruhl, D., Lysne, P., Gasparovic, C., Clark, V., Yeo, R. A., Bogenschutz, M., & Thoma, R. J.** (2008, June). Diffusion tensor imaging reveals callosal white matter abnormality in alcohol dependence and recovery. Poster presented at the annual meeting of the Research Society on Alcoholism in Washington, D.C.



3. **Monnig, M.**, Caprihan, A., Pommy, J., Ruhl, D., Lysne, P., Yeo, R. A., Gasparovic, C., Tonigan, S., & Thoma, R. J. (2009, January). Relationship of tapetum white matter integrity to visuospatial memory and severity of alcohol dependence. Poster presented at Decade of the Mind IV Conference in Albuquerque, NM.
4. Merideth, F. L., Ruhl, D. A., Sanjuan, P. M., **Monnig, M. A.**, Tonigan, J. S., & Thoma, R. J. (2009, June). An investigation of the comorbidity of chronic alcohol dependence and schizophrenia. Poster presented at the annual meeting of the Research Society on Alcoholism in San Diego, CA.
5. **Monnig, M.**, Caprihan, A., Pommy, J., Ruhl, D., Lysne, P., Yeo, R., Tonigan, J. S., & Thoma, R. J. (2009, June). Diffusion tensor imaging of white matter in adolescent alcohol dependence: Relationship to broad neuropsychological functioning. Poster presented at the annual meeting of the Research Society on Alcoholism in San Diego, CA.
6. Lysne, P. A., **Monnig, M. A.**, Ruhl, D. A., Yeo, R. A., Schendel, M. G., Pommy, J., Muraida, S., Euler, M. J., Caprihan, A., Gasparovic, C., Mayer, A. R., Hill, D. E., Tonigan, J. S., & Thoma, R. J. (2010, June). Abnormal frontal lobe activation, attention, and executive functioning in adolescents with alcohol use disorders. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.
7. **Monnig, M.**, Caprihan, A., Ruhl, D., Lysne, P., Pommy, J., Tonigan, J. S., Yeo, R. A., & Thoma, R. J. (2010, June). Differential effects of drinking intensity and total alcohol consumption on white matter integrity in individuals with alcohol use disorders. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.
8. **Monnig, M.**, Thoma, R. J., Ruhl, D., Lysne, P., Pommy, J., Tonigan, J. S., & Yeo, R. A. (2010, June). Effects of alcohol, marijuana, tobacco, and risk for alcohol use disorder on neuropsychological performance in adolescents. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.
9. Pommy, J., Ruhl, D. A., **Monnig, M.**, Lysne, P., Yeo, R., & Thoma, R. J. (2010, June). Voxel-based morphometry identifies smaller gray matter volumes in “at risk” adolescents. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.
10. Ruhl, D. A., Pommy, J., Caprihan, A. C., **Monnig, M. A.**, Lysne, P.A., & Thoma, R. J. (2010, June). Abnormal frontostriatal circuitry in children with a family history of alcohol abuse. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.
11. Thoma, R. J., Lysne, P., Ruhl, D. A., **Monnig, M.**, Pommy, J., Schendel, M., Yeo, R. A., Bogenschutz, M., & Tonigan, J. S. (2010, June). Intra-hemispheric auditory information processing deficits in alcohol use disorders revealed using magnetoencephalography. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.

12. **Monnig, M. A.**, Caprihan, A., Yeo, R. A., & Thoma, R. J. (2011, June). Diffusion tensor imaging of white matter networks in individuals with current and remitted alcohol use disorders. Poster presented at the annual meeting of the Research Society on Alcoholism in Atlanta, GA.
13. **Monnig, M. A.**, Tonigan, J. S., Yeo, R. A., Thoma, R. J., & McCrady, B. S. (2011, June). Meta-analysis of white matter volumes in men with alcohol use disorders: Preliminary findings. Poster presented at the annual meeting of the Research Society on Alcoholism in Atlanta, GA.
14. Pommy, J., **Monnig, M.**, Lysne, P., Yeo, R., Bogenschutz, M., & Thoma, R. J. (2011, June). Smaller gray matter volumes identified in adolescent drinkers at two time points using voxel-based morphometry. Poster presented at the annual meeting of the Research Society on Alcoholism in Atlanta, GA.
15. **Monnig, M. A.** (2011, September). *White matter atrophy in alcohol use disorders: A meta-analysis*. Presentation at the NIAAA Training Directors Meeting and Trainee Workshop, Brown University, Providence, RI.
16. Karoly, H. C., **Monnig, M.**, Harlaar, N., & Hutchison, K. E. (2012, June). Genetic variation in HTR2A and PTPRB are associated with alcohol dependence and white matter integrity in the posterior thalamic radiata. Poster presented at the annual meeting of the Research Society on Alcoholism in San Francisco, CA.
17. **Monnig, M. A.** (2012, June). Observed power and projected sample sizes to detect white matter atrophy in neuroimaging of alcohol use disorders. Poster presented at the annual meeting of the Research Society on Alcoholism in San Francisco, CA.
18. **Monnig, M. A.**, Caprihan, A., Yeo, R. A., Claus, E. D., Calhoun, V. D., & Hutchison, K. E. (2012, June). Drinking history predicts white matter integrity in a large community sample of heavy drinkers. Poster presented at the annual meeting of the Research Society on Alcoholism in San Francisco, CA.
19. **Monnig, M. A.**, Caprihan, A., Thayer, R. E., Claus, E. D., & Hutchison, K. E. (2013, June). Association of white matter integrity with alcohol cue reactivity in alcohol use disorders. Poster presented at the annual meeting of the Research Society on Alcoholism in Orlando, FL.
20. **Monnig, M. A.**, Caprihan, A., Thayer, R. E., Claus, E. D., Yeo, R. A., & Hutchison, K. E. (May, 2013). Lower white matter integrity in treatment-seeking versus treatment-naïve individuals with alcohol use disorders. Poster presented at the annual convention of the Association for Psychological Science in Washington, D.C.
21. **Monnig, M. A.**, Tonigan, J. S., & Hutchison, K. E. (2013, June). Latent variable modeling of white matter integrity and its relation to AUD severity and drinking history. Poster presented at the annual meeting of the Research Society on Alcoholism in Orlando, FL.

22. Nitenson, A., **Monnig, M. A.**, Souza, T., & White, T. L. (2014, November). Functional brain response to alcohol in HIV+ and social drinkers. Poster presented at the annual meeting of the Society for Neuroscience in Washington, D.C.
23. **Monnig, M. A.**, Kahler, C. W., Lee, H., Mayer, K., Cohen, R. A., Monti, P. M., & Pantalone, D. (2015, June). Associations of smoking and heavy alcohol use with neurocognitive functioning in HIV-positive men. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.
24. **Monnig, M. A.**, Nitenson, A., & White, T. L. (2015, June). Hazardous drinkers show heightened response to acute alcohol and dampened response to emotional stimuli in substrates of emotion processing. Poster presented at the annual meeting of the Research Society on Alcoholism in San Antonio, TX.
25. **Monnig, M. A.**, Kahler, C. W., Cioe, P. A., Tucker, L., Monti, P.M., Mayer, K.H., Ramratnam, B. (2016, June). Heavy drinking predicts elevation in inflammatory marker soluble CD14 (sCD14) in men with HIV infection. Poster presented at the Consortium for HIV/AIDS and Alcohol Research Translation (CHAART) Directors Meeting in Washington, D.C.
26. **Monnig, M. A.**, Kahler, C. W., Cioe, P.A., Tucker, L., Monti, P.M., Mayer, K.H., & Ramratnam, B. (2016, June). Heavy drinking predicts elevation in inflammatory marker soluble CD14 (sCD14) in men with HIV infection. Poster presented at the annual meeting of the Research Society on Alcoholism in New Orleans, LA.
27. Merrill, J. E., Treloar, H., Fernandez, A., **Monnig, M. A.**, & Barnett, N. P. (2016, August). Latent growth classes for alcohol-related blackouts among college student drinkers. Poster presented at the 2016 annual meeting of the American Psychological Association in Denver, CO.
28. **Monnig, M. A.**, Kahler, C. W., Cioe, P. A., Monti, P. M., Cohen, R. A., Pantalone, D., & Ramratnam, B. (2017, June). Biomarkers of microbial translocation and immune activation predict cognitive processing speed in heavy-drinking men living with HIV. Poster presented at the annual meeting of the Research Society on Alcoholism in Denver, CO.
29. **Monnig, M. A.**, Monti, P. M., Ramratnam, B., Tashima, K., & Cohen, R. A. (2018, June). Substance use is associated with innate immune perturbations in people living with HIV. Poster presented at the annual meeting of the Research Society on Alcoholism in San Diego, CA.
30. **Monnig, M. A.**, Woods, A. J., Walsh, E., Lamb, P.S., Martone, C. M., Blumenthal, J., Monti, P. M., & Cohen, R. A. (2019, June). Cerebral metabolites on the descending limb of alcohol in healthy adults: A preliminary <sup>1</sup>H MRS study. Poster presented at the annual meeting of the Research Society on Alcoholism in Minneapolis, MN.

31. **Monnig, M. A.**, Monti, P. M., Tashima, K., Gullett, J. M., Porges, E., Jahanshad, N., Thompson, P., Nir, T., & Cohen, R. A. (2020, March). Alcohol use is associated with degradation of brain white matter in HIV infection. Poster presented at the Conference for Retroviruses and Opportunistic Infections (convened virtually).
32. **Monnig, M. A.**, Monti, P. M., Tashima, K., Gullett, J. M., Porges, E., Jahanshad, N., Thompson, P., Nir, T., & Cohen, R. A. (2020, June). Alcohol use and inflammation predict white matter abnormality in people living with HIV infection. Poster presented at the annual meeting of the Research Society on Alcoholism (convened virtually).
33. **Monnig, M. A.**, Treloar Padovano, H., Sokolovsky, A. DeCost, G., Aston, E. R., Haass-Koffler, C. L., Szapary, C. L., Tidey, J., Monti, P. M., & Ahluwalia, J. S. (2021, June). Alcohol and opioid use are associated with adherence to CDC guidelines to reduce the spread of COVID-19. Poster presented at the annual meeting of the Research Society on Alcoholism (convened virtually).
34. **Monnig, M. A.**, Lamb, P. S., & Monti, P. M. (2023, June). Cytokine dynamics under low and moderate dose alcohol in light and heavy drinkers: A randomized controlled trial. Poster presented at the annual meeting of the Research Society on Alcoholism in Bellevue, WA.
35. McCurdy, K. R., **Monnig, M. A.**, Monti, P. M., & Padovano, H. T. (2025, March). Biomarkers of immune function and neuroplasticity as predictors of behavioral treatment outcomes in alcohol use disorder. Poster presented at the Behavior, Biology, and Chemistry annual meeting in San Antonio, TX.
36. Shah, K., Clark, S. E., Wu, F., & **Monnig, M. A.** (2025, April). Open label study of probiotic supplementation on brain metabolites in heavy drinkers. Poster presented at the annual meeting of Collaborative Perspectives on Addiction (APA Division 50) in Providence, RI.
37. Clark, S. E., **Monnig, M. A.**, & Monti, P. M. (2025, April). Impact of acute alcohol intake on cognitive function in people living with HIV: A double-blinded trial. Poster presented at the annual meeting of Collaborative Perspectives on Addiction (APA Division 50) in Providence, RI.
38. **Monnig, M. A.**, Shah, K., Clark, S. E., & Wu, F. (2025, June). Pre/post pilot study of probiotic effects on neurometabolites in heavy drinkers. Poster presented at the annual meeting of the Research Society on Alcohol in New Orleans, LA.
39. Clark, S.E., **Monnig, M. A.**, & Monti, P. M. (2025, June). Alcohol metabolism in people living with HIV: Results of a double-blinded randomized controlled trial. Poster presented at the annual meeting of the Research Society on Alcohol in New Orleans, LA.
40. Severino, L.N., Ranney, L., Gully, B.J., Capone, C., Eaton, E., Swift, R.M., **Monnig, M.**, Worden, M.S., & Haass-Koffler, C.L. (2025, November). Development of an active placebo

for MDMA-assisted therapy randomized controlled trials. Poster presented at the annual meeting of the Society for Neuroscience in San Diego, CA.

## **GRANTS**

### **Current Grants - External**

1. Monnig, M. A. (Supplement Principal Investigator). NIGMS: “COBRE Center on Addiction and Disease Risk Exacerbation” (Administrative Supplement to P20GM130414), 8/1/2022-7/31/2026. Project title: “Linking Alcohol to AD Development: A Multidose, Placebo-Controlled Experimental Study.”
2. Monti, P. M. (PI), Monnig, M. A. (Director for Research Capacity). NIGMS: “COBRE Center for Addiction and Disease Risk Exacerbation” (2P20GM130414), 9/1/2024-7/31/2029. COBRE Phase II award.
3. Monti, P. M. (PI), Monnig, M. A. (Co-Project Leader). NIGMS: “COBRE Center on Addiction and Disease Risk Exacerbation” (Administrative Supplement to 2P20GM130414), 9/1/2024-7/31/2025. Project title: “Team Science to Identify and Intervene on Metabolism- and Alcohol-Associated Liver Disease (MetALD).”
4. Monnig, M. A. (Principal Investigator). NIAAA: “Alcohol AssoCiated gut Dysbiosis and CVD in HIV (the AC/DC HIV study)” (R01AA031640), 9/25/2024-5/31/2029.

### **Current Grants – Internal**

1. Monnig, M. A. (Principal Investigator). CAAS Research Excellence Award: “Acute Effects of Alcohol on Immune Function in Older Adults.” 9/1/2022-8/31/2026.

### **Pending Grants – External**

1. Monnig, M. A. (Multiple Principal Investigator). NCI: “Early Identification and Intervention to Address Pathways Leading to Chronic Liver Disease and Cancer Susceptibility in High-Risk Populations,” 7/1/2026-6/30/2031.
2. Monnig, M. A. (Subaward Contractor). NIAAA: “Development of CNS-on-a-Chip AUD Screening (CCAUDS) Platform),” 4/1/2025-3/31/2026.

### **Completed Grants – External**

1. Monnig, M.A. (Principal Investigator). NIAAA: “White Matter Integrity and Alcohol Use Disorders” (F31AA021631), 8/1/2012-6/30/2013.
2. Monnig, M.A. (Pilot Award Recipient). NIGMS: “COBRE Center for Central Nervous System Function” (P20GM103645; PI: J. Sanes), 7/1/2016-6/31/2017.

3. Monnig, M.A. (Principal Investigator). NIAAA: “Immune Activation and Neurodegeneration in HIV Infection and Heavy Drinking” (K23AA024704), 6/15/2016-5/31/2021.
4. Monnig, M.A. (Principal Investigator). NIAAA: “Administrative Supplement to Immune Activation and Neurodegeneration in HIV Infection and Heavy Drinking” (K23AA024704-05S1), 6/1/2021-5/31/2023.
5. Monti, P.M., Monnig, M.A. (Pilot Project Leader). NIGMS: “COBRE Center on Addiction and Disease Risk Exacerbation” (P20GM130414). 4/30/20-4/30/21. Project title: “Experiences and Behavior during the Coronavirus Pandemic: A Community Survey.”
6. Monti, P.M., Monnig, M.A. (Rapid Response Funding Recipient). NIGMS: “COBRE Center on Addiction and Disease Risk Exacerbation” (P20GM130414), 8/1/2019-7/31/2024. Project title: “Rapid Response Funding.”
7. Miranda, R., Monnig M.A. (Co-Investigator). NIAAA: “NIAAA Medications Development Clinical Investigations Network for the Treatment of Alcohol Use Disorder” (75N94021D00004-0-759402100002-1), 9/17/2021-3/14/2023.
8. Kahler, C.W., Monnig, M.A. (Pilot Project Principal Investigator). NIAAA: “Addressing Alcohol Misuse in HIV Prevention and Care: The Brown University Alcohol Research Center on HIV (ARCH)” (2P01AA019072), 7/1/20-5/31/25. Project title: “Probiotics to Reduce Systemic and Neural Inflammation in Heavy Drinkers,” Pilot Project component of original peer-reviewed application.
9. Monti, P.M., Monnig, M.A. (Research Project Leader). NIGMS: “COBRE Center for Addiction and Disease Risk Exacerbation” (P20GM130414), 8/1/2019-7/31/2024. Project title: “Acute Neural and Immune Effects of Alcohol in People Living with HIV Infection,” independently scored Research Project component of original peer-reviewed application.

## UNIVERSITY TEACHING AND MENTORING ROLES

2012	Instructor	Drugs and Behavior: Psychopharmacology (PSY 347), Department of Psychology, University of New Mexico
2012	Guest Lecturer	Alcoholism, Department of Psychology, University of New Mexico
2013	Guest Lecturer	Advanced Neuropsychological Assessment, Department of Psychology, University of New Mexico
2013	Guest Lecturer	OCD Institute Clinical Rounds, McLean Hospital / Harvard Medical School
2017	Internship Mentor	Applied Public Health Experience, MPH Program, Brown University

Mentee: Christina Martone

2017-2018	Master's Thesis Advisor	Graduate Research, School of Public Health, Brown University Advisee: Jose Parra
2017-2018	Independent Study Mentor and Thesis Advisor	Undergraduate Honors Thesis, Department of Neuroscience, Brown University Advisee: Jonah Blumenthal, 2018-2019 Fulbright Scholar
2018	Guest Lecturer	Center for Alcohol and Addiction Studies Rounds, Brown University
2019	Independent Study Mentor	Undergraduate Research, Cognitive, Linguistic, and Psychological Sciences, Brown University Mentee: Jessica Ojeda
2019-2021	Master's Thesis Advisor	Graduate Research, Biotechnology Master's Program, Brown University Mentee: Gyles Ward
2020-2021	Research Mentor and Thesis Advisor	Undergraduate Teaching and Research Award (UTRA) and Undergraduate Honors Thesis, Brown University Mentee: Jessica Ojeda, 2021-2022 Fulbright Scholar
2020-2021	Thesis Advisor (secondary)	Undergraduate Honors Thesis, Brown University Mentee: Claire Szapary
2022	Internship Mentor	Providence-Boston Centers for AIDS Research (CFAR) Summer Internship Intern: Rohan Tonk
2022	Internship Mentor	Applied Public Health Experience, MPH Program, Brown University Intern: Seraphina Negash
2022-2023	Master's Thesis Advisor	Graduate Research, School of Public Health, Brown University Advisee: Seraphina Negash
2022-	Independent Study Mentor	Undergraduate Research, Department of Neuroscience, Brown University Advisee: Krish Shah
2024	Internship Mentor	Graduate Research, School of Public Health, Brown University Advisee: Fan Wu
2024-	Doctoral Advisor	Doctoral Research, Behavioral and Social Health Sciences PhD Program, Brown University Advisee: Samantha Clark, MA
2015, 2017, 2019, 2023, 2025	Guest Lecturer	Substance Use Disorder Etiology and Treatment, Department of Behavioral and Social Sciences, Brown University