

# AYESHA C. SUJAN

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## POSTDOCTORAL TRAINING

- September 2023  
to present      **Stanford University School of Medicine, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, CA**  
Postdoctoral Fellow (Clinical)  
*Primary mentor:* Ana Goya Arce, PhD
- September 2022  
to August 2023      **Stanford University School of Medicine, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, CA**  
Postdoctoral Scholar (Research)  
*Primary mentor:* Brian T. Bateman, MD, MSc. *Co-mentor:* Krista Huybrechts, MS, PhD
- August 2021  
to August 2022      **Kaiser Permanente Northern California, Division of Research, Oakland, CA**  
Postdoctoral Research Fellow in Maternal Mental Health and Substance Use  
*Primary mentor:* Lyndsay Avalos, PhD, MPH. *Co-mentor:* Kelly Young-Wolff, PhD, MPH

## EDUCATION

- August 2014  
to July 2021      **Indiana University - Bloomington, Bloomington, IN**  
PhD Clinical Psychology  
*Dissertation:* *Maternal use of psychiatric medications during pregnancy and adverse birth outcomes and neurodevelopmental problems in offspring*  
(<http://hdl.handle.net/2022/26743>)  
*Primary mentor:* Brian M. D'Onofrio, PhD. *Co-mentor:* A. Sara Oberg, MD, PhD, MPH
- August 2020  
to August 2021      **Medical University of South Carolina - Charleston, SC**  
APA-Accredited Predoctoral Clinical Internship  
*Track:* Behavioral Medicine  
*Primary mentor:* Constance Guille, MD
- August 2013  
to August 2014      **Cornell University, Ithaca, NY**  
MA Human Development  
*Thesis:* *Using multiple statistical methods to assess how maternal sociodemographic risk factors can be used to effectively target families for home visiting programs*  
*Primary mentor:* John Eckenrode, PhD
- August 2008  
to August 2012      **Tulane University, New Orleans, LA**  
BS, *summa cum laude*, May 2012  
Major in Psychology with departmental honors  
Major in Studio Art  
Minor in Art History  
*Honors thesis:* *Being correct or being creative: The effect of feedback and task type on measures of well-being and motivation*  
*Primary mentor:* Carrie L. Wyland, PhD

## SELECTED HONORS AND AWARDS

- 2020      J.R. Kantor Graduate Award for distinction in research, Indiana University – Bloomington  
2019      Travel award for the MONA Perinatal Mental Health Conference  
2012      Anne M. McPherson Undergraduate Research Award, Tulane University

2012 Phi Beta Kappa, Tulane University  
2012 Mortar Board, Tulane University  
2008 to 2012 Dean's List, Tulane University  
2008 to 2012 Presidential Scholar Award, Tulane University

## **GRANT FUNDING**

2022 **National Institute of Child Health and Human Development (R01 HD107772-01A1)**  
*Principal investigators:* Krista Huybrechts, PhD & Brian Bateman MD, MSc  
*Title:* Safety of Benzodiazepines and Non-Benzodiazepine Sedative Hypnotics in Pregnancy  
*Funding:* One year of postdoctoral funding

2022 **National Institute on Drug Abuse (R01DA049822-01)**  
*Principal investigators:* Krista Huybrechts, PhD & Brian Bateman MD, MSc  
*Title:* The Comparative Effectiveness and Safety of Pharmacotherapies for the Treatment of Opioid Use Disorder in Pregnancy  
*Funding:* One year of postdoctoral funding

2022 **Division of Research, Kaiser Permanente Northern California**  
*Principal investigator of supplement:* Ayesha C. Sujan, PhD  
*Principal investigator of parent grant:* Lyndsay A. Avalos, PhD, MPH  
*Title:* Health Equity Research Supplement: Disparities in prenatal depression status, severity, and treatment by race and ethnicity and country of birth  
*Funding:* \$35,471

2021 **National Institute of Child Health and Human Development (R01 HD101483-01A1)**  
*Principal investigator:* Lyndsay Avalos, PhD, MPH  
*Title:* Comparing the Effects of Prenatal Depression and its Treatment on Developmental Outcomes of the Offspring  
*Funding:* Two years of postdoctoral funding

2021 **National Institute on Drug Abuse (R01 DA051438-01A)**  
*Principal investigators:* Lyndsay Avalos, PhD, MPH and Kelly Young-Wolff, PhD, MPH  
*Title:* Impact of In Utero Marijuana Exposure on Neurodevelopment, Behavior and Mental Health: A Longitudinal Birth Cohort Study  
*Funding:* Two years of postdoctoral funding

2020 **Health Resources & Service Administration Graduate Psychology Education Program Training Grant**  
*Principal investigators:* Daniel W. Smith PhD and Dean G. Kilpatrick PhD  
*Funding:* One year of funding for internship stipend

2016 **National Institute of Mental Health T32 Clinical Research Training Grant (T32 MH103213)**  
*Principal investigators:* William P. Hetrick, PhD and Brian M. D'Onofrio, PhD  
*Funding:* Two years funding for graduate stipend and tuition

2015 **National Science Foundation Graduate Research Fellowship (1342962)**  
*Principal investigator:* Ayesha C. Sujan, PhD  
*Sponsor:* Brian M. D'Onofrio, PhD  
*Title:* Testing the causal effects of fetal growth and inter-pregnancy interval on child development.  
*Funding:* Three years funding for graduate stipend and tuition

## **ADDITIONAL GRANT EXPERIENCE – Assisted in developing and writing these grants.**

- 2019      **National Institute on Drug Abuse (R01 DA048042)**  
*Title:* Maternal use of prescribed opioid analgesics and risk of adverse offspring outcomes  
*Principal Investigators:* Brian M. D’Onofrio, PhD & A. Sara Oberg, PhD, MD  
*Funding:* Three years of funding, \$1,220,000
- 2019      **Swedish Research Council (2018-02679)**  
*Title:* Prescribed opioid analgesic use during pregnancy and risk for adverse birth outcomes and neurodevelopmental problems in offspring  
*Principal Investigator:* Brian M. D’Onofrio, PhD  
*Funding:* Three years of funding, \$400,000

## **PEER REVIEWED PUBLICATIONS**

1. **Sujan, A.C.**, Alexeeff, S.E., Slama, N., Goler, N., Avalos, L.A, Adams, S.R., Conway, A., Ansley, D., Pal, A., Gunn, R.L., Micalizzi, L., Young-Wolff, K.C. (2023). Agreement between self-reports and urine toxicology measures of illicit stimulant use during early pregnancy. *Journal of Addiction Medicine*. doi: 10.1097/ADM.0000000000001230
2. **Sujan, A.C.**, Pal, A. †Avalos, L.A., †Young-Wolff, K.C. (2023). A systematic review on in-utero cannabis exposure and birth defects. *Frontiers Pediatrics*. (†equal contribution). doi: 10.3389/fped.2023.1149401.
3. **Sujan, A.C.**, Nance, N., Quesenberry, C., Ridout, K., Bhalala, M., Avalos, L.A, (2023). Racial and ethnic differences in peripartum depression and anxiety. *Journal of Affective disorders*. doi: 10.1016/j.jad.2023.04.123.
4. Avalos L.A., Caan B, Nance N., **Sujan A.C.**, Uriu-Adams J.Y., Chima H., Li D.K., Quesenberry C., Hedderson M.M. Serum folate levels during pregnancy and prenatal depression. (2022) *Journal of Maternal-Fetal and Neonatal Medicine*. doi: 10.1080/14767058.2022.2145878.
5. **Sujan, A.C.**, Alexeeff, S.E., Slama, N., Avalos, L.A, Adams, S.R., Conway, A., Ansley, D., Young-Wolff, K.C. (2022). Patterns of substance use during early pregnancy and associations with behavioral health characteristics. *Journal of Addiction Medicine*. doi: 10.1097/ADM.0000000000001090.
6. Fine, K.L., Rickert, M.E., O’Reilly, L.M., **Sujan, A.C.**, Boersma, K., Chang, Z., Franck, J., Lichtenstein, P., Larsson, H., D’Onofrio, B.M., & Quinn, P.D. (2022). Initiation of opioid prescription and risk of suicidal behavior among youth and young adults. *Pediatrics*. doi: 10.1542/peds.2020-049750.
7. Guille, C., Hall, C., King, C., **Sujan, A.C.**, Brady, K., Newman, R. (2022). Listening to Women and Pregnant and Postpartum People: Qualitative Research to Inform Opioid Use Disorder Treatment for Pregnant and Postpartum People. *Drug and Alcohol Dependence Reports*. doi: 10.1016/j.dadr.2022.100064
8. **Sujan, A.C.** (2022). What do we know about in-utero antidepressant exposure, and are these medications safe to use during pregnancy? *Acta Psychiatrica Scandinavica*. doi: 10.1111/acps.13437.
9. **Sujan, A.C.**, Quinn, P.D., Rickert, M.E., Wiggs, K.K., Lichtenstein, P., Larsson, H., Oberg, A.S., D’Onofrio, B.M. (2022). A nation-wide Swedish study of opioid analgesic prescribing patterns during pregnancy and associated pre-existing mental health conditions. *The Journal of Maternal-Fetal & Neonatal Medicine*. doi: 10.1080/14767058.2021.1875436.

10. **Sujan, A.C.**, †Young-Wolff, K.C., †Avalos, L.A. (2022). In-utero cannabis exposure and long-term E: A critique of existing literature and recommendations for future research. (†equal contribution). *Birth Defects Research*. doi: 10.1002/bdr2.2060.
11. †Wiggs, K.K., †**Sujan, A.C.**, Rickert, M.E., Lichtenstein, P., Larsson, H., D’Onofrio, B.M., Oberg, A.S. (2022). Maternal serotonergic antidepressant use during pregnancy and risk of neonatal convulsions, febrile seizures, and epilepsy disorders in children. *Neurology*. doi: 10.1212/WNL.0000000000200516. (†equal contribution).
12. Shapiro, M., **Sujan, A.C.**, Guille, C. (2021). A Clinical Trial of a Program for Pain Management and Opioid Reduction During Pregnancy. *Reproductive Sciences*. doi: 10.1007/s43032-021-00701-4.
13. **Sujan, A.C.**, Cleary, E., Douglas, E., Aujla, R., Boyars, L., Smith, C., Guille, C. (2021). A retrospective, observational study on medication for opioid use disorder during pregnancy and risk for neonatal abstinence syndrome. *Family Practice*. doi: 10.1093/fampra/cmab121.
14. †**Sujan, A.C.**, †O’Reilly, L., Rickert, M.E., Larsson, H., Lichtenstein, P., Oberg, A.S., D’Onofrio, B.M. (2021). A nation-wide Swedish cohort study on early maternal age at first childbirth and risk for offspring deaths, accidents, and suicide attempts. *Behavior Genetics*. doi: 10.1007/s10519-021-10091-7. (†equal contribution)
15. Lin, L., **Sujan, A.C.**, Butwicka, A., Chang, Z., Cortese, S., Quinn, P.D., Viktorin, A., Oberg, A.S., D’Onofrio, B.M., Larsson, H. (2020). Associations of prescribed ADHD medication in pregnancy with pregnancy-related and offspring outcomes: A systematic-review of current evidence and a roadmap for future research. *CNS Drugs*. doi:10.1007/s40263-020-00728-2.
16. Quinn, P.D., Fine, K.L., Rickert, M.E., **Sujan, A.C.**, Boersma, K., Chang, Z., Franck, J., Lichtenstein, P., Larsson, H., & D’Onofrio, B.M. (2020). Association of opioid prescription initiation during adolescence and young adulthood with subsequent substance-related morbidity. *JAMA Pediatrics*. doi:10.1001/jamapediatrics.2020.2539
17. **Sujan, A.C.**, Rickert, M.E., Quinn, P.D., Ludema, C., Wiggs, K.K., Lichtenstein, P., Larsson, H., Oberg, A.S., D’Onofrio, B.M. (2020). A population-based study of concurrent prescriptions of opioid analgesic and selective-serotonin reuptake inhibitor medications during pregnancy and risk for adverse birth outcomes. *Paediatric and Perinatal Epidemiology*. doi: 10.1111/ppe.12721.
18. Wiggs, K.K., Rickert, M.E., **Sujan, A.C.**, Quinn, P.D., Lichtenstein, P., Larsson, H., Oberg, A.S., D’Onofrio, B.M. (2020). Anti-seizure medication use during pregnancy and risk of ASD and ADHD in children. *Neurology*. doi: 10.1212/WNL.0000000000010993
19. **Sujan, A.C.**, Oberg, A.S., Quinn, P.D., & D’Onofrio, B.M. (2019). Annual research review: Maternal antidepressant use during pregnancy and offspring neurodevelopmental problems – a critical review and recommendations for future research. *Journal of Child Psychology and Psychiatry*, 60(4):356-376. doi: 10.1111/jcpp.13004.
20. **Sujan, A.C.**, Quinn, P.D., Rickert, M.E., Wiggs, K.K., Lichtenstein, P., Larsson, H., Almqvist, C., Oberg, A.S., D’Onofrio, B.M. (2019). Maternal prescribed opioid analgesic use during pregnancy and associations with adverse birth outcomes: A population-based study. *PLOS Medicine*, 16(12): e1002980. doi: 10.1371/journal.pmed.1002980.
21. **Sujan, A.C.**, Rickert, M.E., Class, Q.A., Van Hulle, C., & D’Onofrio, B.M. (2019). Risk factors and child outcomes associated with short and long interpregnancy intervals. *Early Child Development and Care*, 1-12. doi:10.1080/03004430.2019.1703111.

22. Class, Q.A., Rickert, M.E., Larsson, H., Oberg, A.S., **Sujan, A.C.**, Almqvist, C., Lichtenstein, P., & D'Onofrio, B.M., (2018). Outcome-dependent associations between short interpregnancy interval and offspring psychological and educational problems: A population-based quasi-experimental study. *International Journal of Epidemiology*, 47(4):1159-1168. doi: 10.1093/ije/dyy042.
23. Class, Q.A., Rickert, M.E., Oberg, A.S., **Sujan, A.C.**, Almqvist, C., Larsson, H., Lichtenstein, P., & D'Onofrio, B.M., (2017). Within-family analysis of interpregnancy interval and adverse birth outcomes. *Obstetrics and Gynecology*, 130(6), 1304-1311. doi:10.1097/AOG.0000000000002358.
24. D'Onofrio, B.M. & **Sujan, A.C.** (2017). Maternal Antidepressant Use and Pregnancy Outcomes. *JAMA*, 318(7), 666-667. doi:10.1001/jama.2017.9194.
25. **Sujan, A.C.** & Eckenrode, J. (2017). An illustration of how program implementers can use population-specific analyses to facilitate the selection of evidence-based home visiting programs. *Psychosocial Interventions*, 26(2), 117-124. doi:10.1016/j.psi.2017.01.001.
26. **Sujan, A.C.**, Rickert, M.E., Oberg, A.S., Quinn, P.D., Hernandez-Diaz, S., Almqvist, C., Lichtenstein, P., Larsson, H., & D'Onofrio, B.M. (2017). Associations of maternal antidepressant use during the first trimester of pregnancy with preterm birth, small for gestational age, autism spectrum disorder, and attention-deficit/hyperactivity disorder in offspring. *JAMA*, 317(15), 1553-1562. doi: 10.1001/jama.2017.3413.
27. D'Onofrio, B.M., Class, Q.A., Rickert, M.E., **Sujan, A.C.**, Larsson, H., Kuja-Halkola, R., Sjölander, A., Almqvist, C., Lichtenstein, P., Oberg, A.S. (2016). Translational epidemiologic approaches to understanding the consequences of early-life exposures. *Behavior Genetics*. 46(3), 315-328. doi: 10.1007/s10519-015-9769-8.
28. **Sujan, A.C.**, Rickert, M.E., Class, Q.A., Coyne, C.A., Lichtenstein, P., Almqvist, C., Larsson, H., Sjölander, A., Lahey, B.B., Van Hulle, C., Waldman, I., Oberg, S.A. & D'Onofrio, B.M. (2016). A genetically informed study of the associations between maternal age at childbearing and adverse perinatal outcomes. *Behavior Genetics*, 46(3), 431-456. doi:10.1007/s10519-015-9748-0.
29. **Sujan, A. C.**, Humphreys, K. L., Ray, L. A., & Lee, S. S. (2014). Differential association of child abuse with self-reported versus laboratory-based impulsivity and risk-taking in young adulthood. *Child Maltreatment*, 19(3-4), 145-155. doi:10.1177/1077559514543827.
30. Miron, D., **Sujan, A.**, & Middleton, M. (2013). Considering the best interests of infants in foster care placed separately from their siblings. *Children and Youth Services Review*, 35(9), 1385–1392. doi:10.1016/j.chilyouth.2013.05.008

### **POPULAR PRESS ARTICLE**

1. **Sujan, A.C.**, Oberg, A.S., & D'Onofrio, B.M. (2018). Understanding antidepressant use during pregnancy. *Pediatrics for Parents*.

### **MANUSCRIPTS UNDER REVIEW**

1. Cortese, B., **Sujan, A.C.**, King, C., Lee, S., Douglas, E., Soper, D., Guille, C. (under review). *The role of maternal depression and treatment in racial disparities and birth weight*.

## MANUSCRIPTS IN PREPARATION

1. Avalos, L.A, **Sujan, A.C.**, Nance, N., Quesenberry, C., Ridout, K., Bhalala, M., (in preparation). *Differences in prenatal depression diagnoses and severity by racial and ethnic subclasses.*
2. Cortese, B., Eitel, A.E., **Sujan, A.C.**, King, C., Guille, C. The role of maternal depression and treatment in racial disparities and birth weight (in preparation).
3. **Sujan, A.C.**, Bateman, B.T., Straub, L., Hernandez-Diaz, S., Zhu, Y., Brill, G., Huybrechts, K.F. (in preparation). *Benzodiazepine use early in pregnancy and risk of congenital malformations.*
4. †**Sujan, A.C.**, †Sinow, C., Oberman, N., Felder, J., Beck, A., Stark, J., Avalos, L.A. (in preparation). *Prenatal sleep and postpartum maternal mental health.* (†equal contribution).
5. **Sujan, A.C.**, Slama, N., Bateman, B.T., Young-Wolff, K.C. (in preparation). *Characteristics of pregnant individuals with authorized and unauthorized benzodiazepine use early in pregnancy.*

## SELECTED CONFERENCE ORAL PRESENTATIONS

1. **Sujan, A.C.**, Bateman, B.T., Straub, L., Hernandez-Diaz, S., Zhu, Y., Brill, G., Huybrechts, K.F. (2023, August). *Benzodiazepine use early in pregnancy and risk of congenital malformations.* Paper presented at the 39<sup>th</sup> Annual Meeting of the International Society for Pharmacoepidemiology. Halifax, Nova Scotia, Canada.
2. **Sujan, A.C.**, Alexeeff, S.E., Slama, N., Avalos, L.A., Conway, A., Ansley, D., Adams S.R., Young-Wolff, K.C., (2022, April). *Patterns of substance use during early pregnancy and associations with behavioral health conditions.* Paper presented at the 2022 Collaborative Perspectives on Addiction (CPA) Conference. Portland, Oregon.
3. **Sujan, A.C.**, Rickert, M.E., Quinn, P.D., Ludema, C., Wiggs, K.K., Lichtenstein, P., Larsson, H., Oberg, A.S., D’Onofrio, B.M. (2020, October). *Concurrent prescriptions of opioid analgesic and selective-serotonin reuptake inhibitor medications during pregnancy and risk for adverse birth outcomes.* Paper presented at the 48<sup>th</sup> International Marce Society for Perinatal Mental Health, Iowa City, Iowa.
4. **Sujan, A.C.**, Quinn, P.D., Rickert, M.E., Wiggs, K.K., Lichtenstein, P., Larsson, H., Oberg, A.S., D’Onofrio, B.M. (2019, October). *Maternal prescribed opioid analgesic use during pregnancy and risk for adverse birth outcomes in offspring: A population-based study.* Paper presented at The Marcé of North America: 4<sup>th</sup> Biennial Conference on Perinatal Mental Health, University of North Carolina, Chapel Hill, NC.
5. O’Reilly, L.M., **Sujan, A.C.**, Rickert, M.E., Vaughan, E., Larsson, H., Lichtenstein, P., & D’Onofrio, B.M. (2019, October). *The association between maternal age at childbearing and suicidal behavior using Swedish, population-based registers.* Paper presented at the International Summit of Suicide Research, Miami, FL.
6. **Sujan, A.C.**, Quinn, P.D., Rickert, M.E., Wiggs, K.K., Lichtenstein, P., Larsson, H., Oberg, A.S., D’Onofrio, B.M. (2018, October). *Maternal opioid analgesic use during pregnancy and adverse birth outcomes.* Paper presented at The Society for Research and Child Development Conference on the Use of Secondary and Open Source Data in Developmental Science, Phoenix, AZ.
7. **Sujan, A.C.**, Quinn, P.D., Rickert, M.E, Wiggs, K.W., Lichtenstein, P., Larsson, H., Oberg, A.S., & D’Onofrio, B.M. (2018, June). *Maternal prescribed opioid analgesic use during pregnancy and offspring neurodevelopmental problems.* Paper presented at The Behavior Genetics Association Meeting, Boston, MA.

8. **Sujan, A.C.**, Rickert, M.E., Oberg, A.S., Quinn, P.D., Hernandez-Diaz, S., Almqvist, C., Lichtenstein, P., Larsson, H., & D'Onofrio, B.M. (2017, June). *Maternal antidepressant use during the first trimester of pregnancy and offspring neurodevelopmental problems*. Paper presented at The Behavior Genetics Association Meeting, Oslo, Norway.
9. **Sujan, A.C.**, Rickert, M.E., Oberg, A.S., Hernandez-Diaz, S., Almqvist, C., Lichtenstein, P., Larsson, H., & D'Onofrio, B.M. (2017, April). *A family-based study on the associations between maternal SSRI use during pregnancy and offspring birth outcomes*. Paper presented at the meeting of the Society for Research and Child Development, Austin, TX.
10. Vaughan, E.B., **Sujan, A.C.**, Rickert, M., Van Hulle, C.A., Lahey, B.B., D'Onofrio, B.M. (2016, May). *Mother's age at childbearing and offspring internalizing problems*. Paper presented at the Society for Research on Adolescence Biennial Meeting. Baltimore, MD.
11. **Sujan, A.C.**, Rickert, M.E., Class, Q.A., Coyne, C.A., Lichtenstein, P., Almqvist, C., Larsson, H., Sjölander, A., Lahey, B.B., van Hulle, C., Waldman, I., Oberg, S.A. & D'Onofrio, B.M. (2015, June). *A genetically informed study of the associations between maternal age at childbearing and adverse perinatal outcomes*. Paper presented at The Behavior Genetics Association Meeting, San Diego, CA.

### **CONFERENCE POSTER PRESENTATIONS**

1. Cleary, E., **Sujan, A.C.**, Quinn, P.D., Rickert, M.E., Lichtenstein, P., Oberg, A.S., D'Onofrio, B.M. (2023, August). *Maternal Prescribed Opioid Analgesic Use During Pregnancy and Associations with Neurodevelopmental Disorders in Offspring*. Poster presented at the 39<sup>th</sup> Annual Meeting of the International Society for Pharmacoepidemiology. Halifax, Nova Scotia, Canada.
2. **Sujan, A.C.**, Cleary, E., Douglas, E., Aujla, R., Boyars, L., Smith, C., Guille, C. (2021, July). *Medication for opioid use disorder during pregnancy and risk for neonatal abstinence syndrome*. Poster presented at the 34<sup>th</sup> Annual Postpartum Support International Conference.
3. Fine, K.L., Rickert, M.E., O'Reilly, L.M., **Sujan, A.C.**, Boersma, K., Chang, Z., Franck, J., Lichtenstein, P., Larsson, H., D'Onofrio, B.M., & Quinn, P.D. (2020, September). *Association between early prescribed opioid initiation and risk of suicidal behavior*. Poster presented at the 2020 Indiana CTSI Annual Meeting, Indianapolis, IN.
4. Wiggs, K.K., Rickert, M.E., **Sujan, A.C.**, Quinn, P.D., Lichtenstein, P., Larsson, H., Oberg, A.S., D'Onofrio, B.M. (2019, January). *The association between maternal antiepileptic drug use during pregnancy and offspring ADHD*. Poster presented at American Professional Society for ADHD and Related Disorders, Washington, DC.
5. Wiggs, K.K., Rickert, M.E., **Sujan, A.C.**, Quinn, P.D., Lichtenstein, P., Larsson, H., Oberg, A.S., D'Onofrio, B.M. (2018, October). *Maternal antiepileptic drug use during pregnancy and offspring neurodevelopmental disorder*. Poster presented at The Society for Research and Child Development Conference on the Use of Secondary and Open Source Data in Developmental Science, Phoenix, AZ.
6. **Sujan, A.C.**, Quinn, P.D., Rickert, M.E., Wiggs, K.K., Lichtenstein, P., Larsson, H., Oberg, A.S., D'Onofrio, B.M. (2018, September). *The critical need to consider polypharmacy when studying antidepressant exposure during pregnancy and risk for offspring psychopathology*. Poster presented at The Society for Research in Psychopathology Conference, Indianapolis, IN.
7. Wiggs, K.K., Rickert, M.E., **Sujan, A.C.**, Quinn, P.D., Lichtenstein, P., Larsson, H., Oberg, A.S., D'Onofrio, B.M. (2018, September). *Examining the association between prenatal exposure to antiepileptic drugs and offspring attention-deficit hyperactivity disorder*. Poster presented at The Society for Research in Psychopathology Conference, Indianapolis, IN.

8. **Sujan, A.C.**, Humphreys, K. H., Ray, L. A., & Lee, S. S. (2014, April). *Differential association of child abuse with self-report versus laboratory-based risk-taking*. Poster presented at the 19<sup>th</sup> National Conference on Child Abuse and Neglect, New Orleans, LA.
9. **Sujan, A.C.**, & Wyland, C. (2013, January). *Being correct or being creative: The effect of feedback and task type on measures of well-being and motivation*. Poster presented at the 14<sup>th</sup> annual convention for the Society for Personality and Social Psychology, New Orleans, LA.
10. Wyland, C., **Sujan, A.C.**, & Roggeveen, S. (2013, January). *The relationship between use of Facebook and narcissism, empathy and perspective-taking*. Poster presented at the 14<sup>th</sup> annual convention for the Society for Personality and Social Psychology, New Orleans, LA.

## **OTHER PRESENTATIONS**

1. **Sujan, A.C.** (2022, July). *Psychoactive medication use during pregnancy*. Presented at Harvard Program on Perinatal and Pediatric Pharmacoepidemiology, Harvard University, Boston, MA.
2. **Sujan, A.C.** (2022, April). *Psychoactive medication use during pregnancy*. Presented at Center for Addiction and Mental Health Research, Kaiser Permanente Northern California, Oakland, CA.
3. **Sujan, A.C.** (2021, November). *Career Chat*. Presented at Career Services, Tulane University, New Orleans, LA.
4. **Sujan, A.C.** (2020, December). *Evaluating the consequences of psychoactive medication use during pregnancy on adverse birth outcomes and neurodevelopmental problems*. Presented at Rutgers Center for Pharmacoepidemiology and Treatment Science, Rutgers University, New Brunswick, NJ.
5. **Sujan, A.C.** (2020, October). *Evaluating the consequences of psychoactive medication use during pregnancy on adverse birth outcomes and neurodevelopmental problems*. Presented at Women's Reproductive Behavioral Health Clinic Psychiatry Peer Support Meeting, Medical University of South Carolina, Charleston, SC.
6. †Moussa-Tooks, A., †**Sujan, A.C.** (2020, April). *Clinical Internship Process*. Presented at Clinical Colloquium, Indiana University – Bloomington, Bloomington, IN. (†equal contribution).
7. **Sujan, A.C.** (2018, April). *Prescribed opioid analgesic use in pregnancy: Research proposal & preliminary findings*. Presented at Clinical Colloquium, Indiana University – Bloomington, Bloomington, IN.
8. **Sujan, A.C.**, Rickert, M.E., Oberg, A.S., Hernandez-Diaz, S., Almqvist, C., Lichtenstein, P., Larsson, H., & D'Onofrio, B.M. (2016, December). *Antidepressant use during the first trimester of pregnancy and offspring neurodevelopmental problems*. Presented at Clinical Colloquium, Indiana University – Bloomington, Bloomington, IN.
9. Hoyniak, C., **Sujan, A.C.**, McQuillan, M., Bates, J.E. (2016, September). *Parent behavior training case presentation: Family routines study pilot case*. Presented at Clinical Colloquium, Indiana University – Bloomington, Bloomington, IN.
10. **Sujan, A.C.**, Rickert, M.E., Class, Q.A., Coyne, C.A., Lichtenstein, P., Almqvist, C., Larsson, H., Sjölander, A., Lahey, B.B., van Hulle, C., Waldman, I., Oberg, S.A. & D'Onofrio, B.M. (2015, October). *A genetically informed study of the associations between maternal age at childbearing and adverse perinatal outcomes*. Presented at The Psychological and Brain Sciences Homecoming, Indiana University – Bloomington, Bloomington, IN.



11. **Sujan, A.C.**, Rickert, M.E., Class, Q.A., Coyne, C.A., Lichtenstein, P., Almqvist, C., Larsson, H., Sjölander, A., Lahey, B.B., van Hulle, C., Waldman, I., Oberg, S.A. & D'Onofrio, B.M. (2015, March). *A genetically informed study of the associations between maternal age at childbearing and adverse perinatal outcomes*. Presented at Developmental Seminar, Indiana University – Bloomington, Bloomington, IN.
12. Miron, D., **Sujan, A.C.**, & Middleton, M. (2013, April). *Considering the best interests of infants in foster care placed separately from their siblings*. Paper presented at Child Psychiatry Grand Rounds, Tulane University School of Medicine, New Orleans, LA.

## **CLINICAL EXPERIENCES**

- September 2023  
to present
- Outpatient/ Pediatric Pain Management Clinic**  
Stanford University School of Medicine, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, CA  
Supervisors: Ana Goya Arce, PhD; Rashmi Bhandari, PhD; Laurel Brabson, PhD  
Role: Pediatric pain psychology fellow  
Description: I provide patient care through interdisciplinary new patient evaluations, individual follow-ups with patients/caregivers, group interventions, and support with 6-week check-in sessions for patients in the wait list. I also participated in bi-monthly multidisciplinary pain conferences.
- February 2021  
to July 2021
- Pain Rehabilitation Program**  
Medical University of South Carolina, Department of Psychiatry & Behavioral Sciences  
Supervisor: Taylor Crouch, PhD and Rebecca Kilpatrick, PhD  
Role: Predoctoral psychology clinical intern  
Description: I conducted intake evaluations and provided individual and group therapy to adults with chronic pain. Therapy was guided by principles of acceptance and commitment therapy (ATC) and cognitive behavioral therapy (CBT).
- February 2021  
to July 2021
- Head Start Mental Health Clinic**  
Medical University of South Carolina, Department of Psychiatry & Behavioral Sciences  
Supervisor: Angela Moorland, PhD  
Role: Predoctoral psychology clinical intern  
Description: I provided consultation to teachers and parents and implemented classroom-wide and child-specific classroom interventions with the aim of reducing socio-emotional and behavioral difficulties in children.
- August 2020  
to January 2021
- Women's Reproductive Behavioral Health Clinic**  
Medical University of South Carolina, Department of Psychiatry & Behavioral Sciences  
Supervisor: Constance Guille, MD and Lauren Carter, PhD  
Role: Predoctoral psychology clinical intern  
Description: I provided evidence-based treatment, primarily cognitive behavioral therapy, to pregnant and postpartum women experiencing a range of mental health problems, including depression, anxiety, post-traumatic stress disorder, and substance use. I also conducted research utilizing patient data from the clinic.
- August 2020  
to January 2021
- Telehealth Outreach Program**  
Medical University of South Carolina, Department of Psychiatry & Behavioral Sciences  
Supervisor: Regan Stewart, PhD  
Role: Predoctoral psychology clinical intern  
Description: I provided trauma focused cognitive behavioral therapy to children and adolescents via telehealth.

August 2016 to  
May 2020

**Indiana University Cognitive Behavioral Therapy Clinic**

Indiana University – Bloomington, Department of Psychological & Brain Sciences

Supervisor: Brittany M. Brothers, PhD, HSPP

Role: Graduate student clinician and supervisor

Description: I conducted psychological assessments using the Structured Clinical Interview and self-report measures and provided cognitive behavioral therapy to treat depression, anxiety, and post-traumatic stress disorder in adults. I also provided peer supervision to other graduate student clinicians working in the clinic and received feedback on my supervision form a licensed psychologist.

August 2018  
to May 2019

**Perinatal Mood and Anxiety Disorders Clinic**

Indiana University Health Neurosciences Center

Supervisor: Rebecca Bottom, MD

Role: Graduate student clinician

Description: I worked with psychiatrists to treat pregnant and postpartum individuals with experiencing mental health problems. My primary role was providing brief cognitive behavior therapy interventions to target symptoms of depression and anxiety.

January 2018  
to June 2018

**Child and Adolescent Mood and Anxiety Clinic**

Riley Hospital for Children, Indianapolis, IN

Supervisors: Ann Lagges, PhD and Patrick D. Quinn, PhD

Role: Graduate student clinician and supervisor

Description: I provided evidence-based treatment, primarily cognitive behavioral therapy, to children and adolescents with depressive and anxiety disorders.

January 2015  
to May 2018

**Indiana University Parent-Child Clinic**

Indiana University – Bloomington, Department of Psychological & Brain Sciences

Supervisors: John E. Bates, PhD and Amy Holtzworth-Munroe, PhD

Role: Graduate student clinician

Description: I provided parent behavior training to families of children with behavior problems. I also provided peer supervision to other graduate student clinicians working in the clinic and received feedback on my supervision form two licensed psychologists.

September 2017  
to January 2018

**Pediatric Psychology Testing**

Riley Hospital for Children, Indianapolis, IN

Supervisor: William G. Kronenberger, PhD

Role: Graduate student clinician

Description: I administered, scored, and interpreted the following psychological tests for children and adolescents: Wechsler Intelligence Scale for Children V, Woodcock Johnson IV, Kaufman Brief Intelligence Test 2, California Verbal Learning Test for Children, Wide Range Assessment of Memory and Learning 2, Beery-Buktenica Developmental Test of Visual-Motor Integration, and Thematic Apperception Test.

June 2011  
to August 2013

**The Tulane Infant Team**

Tulane University School of Medicine, Department of Psychiatry & Behavioral Sciences

Supervisors: Charles H. Zeanah, Jr., MD and Julie Larrieu, PhD

Role: Undergraduate and postbaccalaureate intern

Description: I observed therapy sessions and assisted in daycare observations and home visits for young children in foster care.

## **TEACHING EXPERIENCES**

- January 2017  
to May 2017      **Methods of Experimental Psychology**  
Indiana University – Bloomington, Department of Psychological & Brain Sciences  
*Duties:* As an instructor of record, I independently taught two laboratory sections.
- January 2015  
to May 2015      **Statistical Techniques**  
Indiana University – Bloomington, Department of Psychological & Brain Sciences  
*Duties:* As a teaching assistant, my primary responsibility was grading.
- August 2014  
to December 2014      **Abnormal Psychology**  
Indiana University – Bloomington, Department of Psychological & Brain Sciences  
*Duties:* As a teaching assistant, my primary responsibility was grading.
- October 2013  
to December 2013      **The Translation of Research Evidence into Practice and Policy**  
Cornell University, Department of Human Development  
*Duties:* I assisted in developing an upper-level undergraduate seminar by reviewing and organizing research articles and news coverage related to translational research.

## **ADVANCED STATISTICAL TRAINING**

- August 2017 to  
December 2017      **Advanced Epidemiology**  
Indiana University – Bloomington, School of Public Health  
*Instructor:* Christina Ludema, Ph.D.  
*Description:* This course presented concepts underlying causal theory and discussed how epidemiological concepts/methods can be understood within a causal framework.
- November 2015      **Design and Analysis of Twin and Family-Based Studies**  
Karolinska Institutet, Department of Medical Epidemiology and Biostatistics  
*Instructors:* Arvid Sjölander, Ph.D.; Ralf Kuja-Halkola, Ph.D.; Brian D'Onofrio, Ph.D.  
*Description:* This week-long workshop covered the theory and practice of within-family designs, which are used to estimate causal effects from observational data.
- October 2015      **Causal Diagrams – Theory and Applications**  
Indiana University – Bloomington, Department of Psychological & Brain Sciences  
*Instructor:* Anna Sara Oberg, M.D., M.P.H., Ph.D.  
*Description:* This workshop covered how to use Directed Acyclic Graphs (DAGs) to illustrate relationships between variables and identify sources of bias.
- January 2015 to  
May 2015      **Categorical Data Analyses**  
Indiana University – Bloomington, School of Education  
*Instructor:* Leslie Rutkowski, Ph.D.  
*Description:* This course covered the theory and practice of categorical data analyses.
- August 2014 to  
December 2014      **Covariance Structure Analyses**  
Indiana University – Bloomington, School of Education  
*Instructor:* Leslie Rutkowski, Ph.D.  
*Description:* This course focused on latent variables and structural equation modeling.

## **AD HOC REVIEWER**

- |   |  |
|---|--|
| <i>American Journal of Perinatology</i> | <i>JAMA</i>                            |
| <i>Acta Psychiatrica Scandinavica</i>   | <i>JAMA Internal Medicine</i>          |
| <i>Addiction</i>                        | <i>Journal of Opioid Management</i>    |
| <i>American Journal of Perinatology</i> | <i>Journal of Psychiatric Research</i> |

*Birth Defects Research*  
*BMC Pregnancy and Childbirth*  
*BJOG*  
*European Child & Adolescent Psychiatry*

*Neuroscience & Biobehavioral Reviews*  
*Maternal and Child Health Journal*  
*Paediatric & Perinatal Epidemiology*

## **SELECTED MEDIA COVERAGE**

American Academy of Neurology. (May 12, 2022). [Antidepressant use during pregnancy not linked to epilepsy in children](#). *ScienceDaily*.

Veleta, K. (September 26, 2019). [Pain during pregnancy: IU examines impact of prescribed opioids](#). *Inside Indiana Business*.

Thompson, H. (April 19, 2017). [Study eases concerns about antidepressants, pregnancy and autism risk](#). *CBS News*.

Park, A. (April 18, 2017). [Does taking antidepressants during pregnancy cause autism?](#) *Time*.

Wilson, P. (April 18, 2017). [Is Maternal antidepressant use linked with autism?](#) *MedPage Today*.

## **REFERENCES**

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