



Rebecca M. Gardner

Ph.D. Student in Epidemiology and Clinical Research, admitted Autumn 2022

Bio

BIO

I'm a first year PhD student in Epidemiology & Clinical Research with an emphasis on maternal health and well-being. I am interested in using novel causal methods to identify risk factors for prenatal and postpartum depression and anxiety; and performing meta-analyses to identify the most effective treatments for postpartum mental illness. Ultimately, I would like to design and implement interventions to reduce disease burden. I am also interested in studying the connection between adverse pregnancy outcomes and cardiovascular disease.

Before starting a PhD, I was a biostatistician in the Quantitative Sciences Unit at Stanford for four years where I co-authored over twenty publications, collaborating with clinicians on various domains including developmental behavioral pediatrics, reproductive endocrinology & infertility, oncology, and clinical trials. I completed my MS in Statistics at Brigham Young University in 2016, where I collaborated with cardiologists to develop a new approach to diagnose rheumatic heart disease in pediatric patients in Samoa for my Master's thesis.

In my free time, I moderate a local book club, teach little kids how to read, and spend time with my husband and our two young children.

Publications

PUBLICATIONS

- **Pregnancy and neonatal outcomes of letrozole versus natural cycle frozen embryo transfer of autologous euploid blastocyst.** *Journal of assisted reproduction and genetics*
Zhang, W. Y., Gardner, R. M., Johal, J. K., Beshar, I. E., Bavan, B., Milki, A. A., Lathi, R. B., Aghajanova, L.
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- **Digital Antibiotic Allergy Decision Support Tool Improves Management of Beta Lactam Allergies.** *The journal of allergy and clinical immunology. In practice*
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2023
- **The development of a mobile app-focused deduplication strategy for the Apple Heart Study that informs recommendations for future digital trials.** *Stat (International Statistical Institute)*
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- **The Effect of Human Growth Hormone on Endometrial Growth in Controlled Ovarian Hyperstimulation Cycles.** *Journal of personalized medicine*
Bavan, B., Gardner, R. M., Zhang, W. Y., Aghajanova, L.
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- **Trends in Utilization of Magnetic Resonance Imaging for Stroke Patients With Cardiac Rhythm Devices.** *The Neurohospitalist*
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2022; 12 (4): 624-631
- **Continuity of Care in Primary Care for Young Children with Chronic Conditions.** *Academic pediatrics*
Bannett, Y., Gardner, R. M., Huffman, L. C., Feldman, H. M., Sanders, L. M.
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- **Trends in Utilization of Magnetic Resonance Imaging for Stroke Patients With Cardiac Rhythm Devices** *NEUROHOSPITALIST*
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2022: 1-15
- **The impact of euploid blastocyst morphology and maternal age on pregnancy and neonatal outcomes in natural cycle frozen embryo transfers.** *Journal of assisted reproduction and genetics*
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2022
- **Behavioral Treatment Recommendation for Preschoolers with ADHD Symptoms: How Are Primary Care Pediatricians Doing?**
Bannett, Y., Gardner, R. M., Posada, J. D., Huffman, L. C., Feldman, H. M.
LIPPINCOTT WILLIAMS & WILKINS.2022: E123-E124
- **Medication Management of Anxiety and Depression by Primary Care Pediatrics Providers: A Retrospective Electronic Health Record Study.** *Frontiers in pediatrics*
Lester, T. R., Bannett, Y., Gardner, R. M., Feldman, H. M., Huffman, L. C.
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- **Chemotherapy Plus Immunotherapy Versus Chemotherapy Plus Bevacizumab Versus Chemotherapy Alone in EGFR-Mutant NSCLC After Progression on Osimertinib.** *Clinical lung cancer*
White, M. N., Piper-Vallillo, A. J., Gardner, R. M., Cunanan, K., Neal, J. W., Das, M., Padda, S. K., Ramchandran, K., Chen, T. T., Sequist, L. V., Piotrowska, Z., Wakelee, H. A.
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- **Rate of Pediatrician Recommendations for Behavioral Treatment for Preschoolers With Attention-Deficit/Hyperactivity Disorder Diagnosis or Related Symptoms.** *JAMA pediatrics*
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- **The impact of estradiol on pregnancy outcomes in letrozole-stimulated frozen embryo transfer cycles.** *F&S reports*
Zhang, W. Y., Gardner, R. M., Kapphahn, K. I., Ramachandran, M. K., Murugappan, G., Aghajanova, L., Lathi, R. B.
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- **Pregnancy success rates for lesbian women undergoing intrauterine insemination.** *F&S reports*
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Choi, E., Sanyal, N., Ding, V. Y., Gardner, R. M., Aredo, J. V., Lee, J., Wu, J. T., Hickey, T. P., Barrett, B., Riley, T. L., Wilkens, L. R., Leung, A. N., Le Marchand, et al
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- **Online Antibiotic Allergy Decision Support Tool Improves Management of Beta Lactam Allergies**
Dunham, T., Fasani, D., Lippner, E., Moir, E., Halpern-Felsher, B., Gardner, R., Sundaram, V., Liu, A.
MOSBY-ELSEVIER.2021: AB7
- **Diagnosis of Language Delay in the Primary Care Setting: An Electronic Health Record Investigation**
Frelinger, C., Gardner, R. M., Huffman, L., Whitgob, E., Feldman, H. M., Bennett, Y.
LIPPINCOTT WILLIAMS & WILKINS.2021: S1-S2
- **Shared Decision Making in Neurosurgery Clinic Visits: General Descriptions and a Randomized Controlled Trial**
Hubner, L. M., Gardner, R. M., Huffman, L. C.
LIPPINCOTT WILLIAMS & WILKINS.2021: S6
- **Continuity of Care by Primary Care Provider in Young Children with Autism**
Bennett, Y., Gardner, R. M., Feldman, H. M., Huffman, L. C.
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- **Diagnosis of Language Delay in the Primary Care Setting: An Electronic Health Record Investigation**
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- **Continuity of Care by Primary Care Provider in Young Children with Autism**
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Johal, J. K., Bavan, B., Zhang, W., Gardner, R. M., Lathi, R. B., Milki, A. A.
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- **Is smoking a risk factor for second primary lung cancer**
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- **Comparative Seasonal Respiratory Virus Epidemic Timing in Utah** *VIRUSES-BASEL*
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- **Large-Scale Assessment of a Smartwatch to Identify Atrial Fibrillation.** *The New England journal of medicine*
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- **A rapid echocardiographic screening protocol for rheumatic heart disease in Samoa: a high prevalence of advanced disease** *CARDIOLOGY IN THE YOUNG*
Allen, M., Allen, J., Naseri, T., Gardner, R., Tolley, D., Allen, L.
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