Research opportunities: Investigating management of developmental and mental health conditions in pediatric primary care
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Our diverse and multidisciplinary research team welcomes Stanford trainees (residents/fellows/postdocs) and students (medical/undergraduate/graduate/doctoral) to join one of several projects, based on their interest, including investigation of primary care management of developmental delays, attention deficit hyperactivity disorder, autism spectrum disorder, learning problems, anxiety, and depression. *The ultimate goal of these studies is to improve quality of care and mitigate disparities in care for children with developmental and mental health conditions in this primary care network.*

Examples for focused research studies that can be led by a trainee/student:
1) Investigating inappropriate use of benzodiazepines in the management of children with anxiety or depression
2) Assessing PCP adherence to guidelines in medication management of children with ADHD
3) Improving documentation of race/ethnicity data for children seen in primary care (currently 33% with missing data) - an important step towards mitigating disparities
4) Investigating sociodemographic disparities in detection of language delay
5) Developing medical education content for PCPs on management of children with ADHD

MENTORSHIP

- The trainee/student will receive excellent mentorship from experienced mentors in health services research methodology, developmental-behavioral pediatrics research, applied clinical informatics, medical education, and quality improvement.
- The motivated trainee/student will have the opportunity to be a member of our interdisciplinary research team, working with physicians and data scientists who use novel methods to interpret real world healthcare data for research and quality of care.
- The trainee/student will have the opportunity to be an author on a peer-reviewed publication in a medical journal (see examples below).

QUALIFICATIONS

- Trainee/student at Stanford with interest in Pediatrics / Developmental-Behavioral Pediatrics / Psychiatry / Health Equity / Quality Improvement / Machine Learning.
- Experience with statistical/programming software (R, python) is a benefit, but not required.
- Candidates with excellent written and oral communication skills are preferred.

TIME COMMITMENT

- Expected time commitment of 3-4 hours a week for a minimum of 6 months.

CONTACT INFO

- Please contact Dr. Bannett by email and include your CV: ybannett@stanford.edu

RECENT STUDIES FROM OUR GROUP (*=trainee, **=medical student):

Anxiety and Depression Treatment in Primary Care Pediatrics.
Pediatrics. 2023 May 1;151(5):e2022058846. doi: 10.1542/peds.2022-058846.
Lester TR*, Herrmann JE**, Bannett Y, Gardner RM, Feldman HM, Huffman LC.

Detection of Speech-Language Delay in the Primary Care Setting: An EHR Investigation.
Journal of developmental and behavioral pediatrics. 2023 Apr 1;44(3):e196-e203.
Frelinger C*, Gardner RM, Huffman LC, Whitgob EE, Feldman HM, Bannett Y.

Continuity of Care in Primary Care for Young Children with Chronic Conditions.
Academic Pediatrics. 2023 Mar;23(2):314-321. doi: 10.1016/j.acap.2022.07.012.
Bannett Y, Gardner RM, Huffman LC, Feldman HM, Sanders LM.

Primary Care Diagnosis and Treatment of Attention-Deficit/Hyperactivity Disorder in School-Age Children: Trends and Disparities During the COVID-19 Pandemic.
Journal of developmental and behavioral pediatrics. 2022 Sep 1;43(7):386-392.
Bannett Y, Dahlen A, Huffman LC, Feldman HM.

Medication Management of Anxiety and Depression by Primary Care Pediatrics Providers: A Retrospective Electronic Health Record Study.
Frontiers in pediatrics. 2022 Mar 17;10:794722.
Lester, TR*, Bannett Y, Gardner, RM, Feldman HM, Huffman LC.

Rate of Pediatrician Recommendations for Behavioral Treatment for Preschoolers with Attention-Deficit/Hyperactivity Disorder Diagnosis or Related Symptoms.
JAMA pediatrics. 2022 Jan 1;176(1):92-94.
Bannett Y, Gardner RM, Posada J, Huffman LC, Feldman HM.