



Yair Bannett

Instructor, Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Pediatrics**

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Bio

BIO

Dr. Bannett completed his medical studies at Hebrew University in Israel, and completed pediatrics residency at Tel Aviv University, Asaf Harofeh Medical Center, in 2013. After practicing as a community-based primary care provider and developmental pediatrician in Israel, he came to Stanford in 2016 to complete a clinical fellowship in Developmental-Behavioral Pediatrics (DBP). In fellowship, he engaged in community-based health services research, under the mentorship of Dr. Lynne Huffman and Dr. Heidi Feldman. After fellowship, Dr. Bannett was selected to receive funding through the Department of Pediatrics “Bridge to K” program. In 2021, he completed a master's degree in Health Research and Policy at Stanford and is currently appointed as an instructor in the division of DBP.

CLINICAL FOCUS

- Developmental Behavioral Pediatrics

ACADEMIC APPOINTMENTS

- Instructor, Pediatrics

HONORS AND AWARDS

- Career Development (K23) Award, National Institute of Mental Health (NIMH) (2022 - 2027)
- Bridge to K Instructor Support Program, Pediatrics Department, Stanford School of Medicine (2019 - 2022)
- Master's Tuition Program, Maternal & Child Health Research Institute, Stanford (2019 - 2021)
- SDBP Research Grant, Society for Developmental and Behavioral Pediatrics, USA (2018 - 2020)
- Charles B. Woodruff Endowed Fellow: Clinical Trainee Grant, Maternal & Child Health Research Institute, Stanford (2018 - 2019)

PROFESSIONAL EDUCATION

- Masters Degree, Stanford University, CA , Health Research and Policy (2021)
- Fellowship: Stanford University Developmental-Behavioral Pediatrics Fellowship (2019) CA
- Residency: Tel Aviv University, Asaf Harofe Medical Center (2013) Israel
- Internship: Rabin Medical Center Beilinson (2008) Israel

- Medical Education: Hebrew University Hadassah Medical School (2008) Israel

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Yair Barnett, MD, is interested in improving health care delivery in community-based primary care for children with developmental and behavioral (DB) conditions. As an instructor in the Division of Developmental-Behavioral Pediatrics (DBP), he seeks to develop reliable quality measures for assessing management of children with DB conditions in primary care. Current projects include observational studies in the primary care setting, using multi-level analysis of electronic health record (EHR) data to assess management of attention deficit hyperactivity disorder (ADHD) and early identification of autism spectrum disorder and other developmental disabilities. Dr. Barnett is interested in utilizing recent advances in natural language processing technology to better assess quality of care provided by PCPs, with the ultimate goal of implementing clinician- and systems-level interventions aimed at improving health care delivery for children with DB conditions.

Publications

PUBLICATIONS

- **Measuring quality-of-care in treatment of young children with attention-deficit/hyperactivity disorder using pre-trained language models.** *Journal of the American Medical Informatics Association : JAMIA*
Pillai, M., Posada, J., Gardner, R. M., Hernandez-Boussard, T., Barnett, Y.
2024
- **Primary Care Physician Identification of Developmental Delays in the COVID-19 Era: A Quantitative Review of Electronic Health Record Data**
Frelinger, C., Barnett, Y., Gunturkun, F., Feldman, H. M., Huffman, L. C.
LIPPINCOTT WILLIAMS & WILKINS.2024: E103-E104
- **Leveraging Large Language Models to Assess Medication Side Effects Documentation in Children with Attention-Deficit/Hyperactivity Disorder**
Barnett, Y., Gunturkun, F., Pillai, M., Huffman, L. C., Feldman, H. M.
LIPPINCOTT WILLIAMS & WILKINS.2024: E119
- **Anxiety and Depression Treatment in Primary Care Pediatrics.** *Pediatrics*
Lester, T. R., Herrmann, J. E., Barnett, Y., Gardner, R. M., Feldman, H. M., Huffman, L. C.
2023
- **Detection of Speech-Language Delay in the Primary Care Setting: An Electronic Health Record Investigation.** *Journal of developmental and behavioral pediatrics : JDBP*
Frelinger, C., Gardner, R. M., Huffman, L. C., Whitgob, E. E., Feldman, H. M., Barnett, Y.
2023; 44 (3): e196-e203
- **Continuity of Care in Primary Care for Young Children with Chronic Conditions.** *Academic pediatrics*
Barnett, Y., Gardner, R. M., Huffman, L. C., Feldman, H. M., Sanders, L. M.
2022
- **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 : JDBP*
Barnett, Y., Dahlen, A., Huffman, L. C., Feldman, H. M.
2022
- **Behavioral Treatment Recommendation for Preschoolers with ADHD Symptoms: How Are Primary Care Pediatricians Doing?**
Barnett, 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., Barnett, Y., Gardner, R. M., Feldman, H. M., Huffman, L. C.
2022; 10: 794722

- **Rate of Pediatrician Recommendations for Behavioral Treatment for Preschoolers With Attention-Deficit/Hyperactivity Disorder Diagnosis or Related Symptoms.** *JAMA pediatrics*
Bennett, Y., Gardner, R. M., Posada, J., Huffman, L. C., Feldman, H. M.
2021
- **Attention-Deficit/Hyperactivity Disorder in 2- to 5-Year-Olds: A Primary Care Network Experience.** *Academic pediatrics*
Bennett, Y. n., Feldman, H. M., Gardner, R. M., Blaha, O. n., Huffman, L. C.
2020
- **Variation in Rate of Attention-Deficit/Hyperactivity Disorder Management by Primary Care Providers.** *Academic pediatrics*
Bennett, Y. n., Feldman, H. M., Bentley, J. P., Ansel, D. A., Wang, C. J., Huffman, L. C.
2019
- **Amnesia for traumatic events among recent survivors: a pilot study.** *CNS spectrums*
Yovell, Y., Bennett, Y., Shalev, A. Y.
2003; 8 (9): 676-80, 683-5