



Machiko Hosoki

Clinical Assistant Professor, Developmental-Behavioral Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Stanford Children's Health Specialty Services
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Bio

BIO

Dr. Machiko Hosoki is a developmental-behavioral pediatrician. She is interested in reading problems in school-aged bilingual children, and how home and school environment affect reading development.

Dr Hosoki completed her undergraduate degree at Keio University in Japan, medical degree at Kanazawa University, and pediatric residency at Texas Tech Health Sciences Center in El Paso. During fellowship at Stanford University, she worked on research investigating the association between behavioral problems and white matter characteristics derived from dMRI in school aged children born preterm and term, under the mentorship of Dr Heidi Feldman.

CLINICAL FOCUS

- Developmental Behavioral Pediatrics

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Developmental-Behavioral Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Charles B. Woodruff Endowed Fellow, Clinical Trainee Award, Stanford Maternal Child Health Research Institute (2020-2022)

PROFESSIONAL EDUCATION

- Board Certification: Developmental Behavioral Pediatrics, American Board of Pediatrics (2023)
- Board Certification, American Board of Pediatrics , Developmental Behavioral Pediatrics (2023)
- Medical Education: Kanazawa University School of Medicine Japan
- Fellowship: Stanford University Developmental-Behavioral Pediatrics Fellowship (2022) CA
- Board Certification: Pediatrics, American Board of Pediatrics (2019)

- Residency: Texas Tech University Health Sciences Center (2019) TX
- Medical Education, Kanazawa University , Medicine (2016)
- Master of Public Health, Columbia University Mailman School of Public Health , Epidemiology (2015)
- Undergraduate, Keio University , Bioinformatics (2010)

Research & Scholarship

RESEARCH INTERESTS

- Child Development
- Elementary Education
- Learning Differences
- Parents and Family Issues
- Social and Emotional Learning

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Reading problem in bilingual children in elementary school

Publications

PUBLICATIONS

- **Associations of behavioral problems with white matter circuits connecting to the frontal lobes in school-aged children born at term and preterm.** *Neuroimage. Reports*
Hosoki, M., Eidsness, M. A., Bruckert, L., Travis, K. E., Feldman, H. M.
2024; 4 (2)
- **Associations of behavioral problems with white matter circuits connecting to the frontal lobes in school-aged children born at term and preterm.** *medRxiv : the preprint server for health sciences*
Hosoki, M., Eidsness, M. A., Bruckert, L., Travis, K. E., Feldman, H. M.
2023
- **Associations of Behavioral Problems and White Matter Properties of the Cerebellar Peduncles in Boys and Girls Born Full Term and Preterm.** *Cerebellum (London, England)*
Hosoki, M., Bruckert, L., Borchers, L. R., Marchman, V. A., Travis, K. E., Feldman, H. M.
2022
- **Associations of Attention Problems, Behavior Problems, Social Competence, and Academic Skills in a School Aged Children Born Preterm and Term**
Hosoki, M., Travis, K. E., Feldman, H. M.
LIPPINCOTT WILLIAMS & WILKINS.2021: S18
- **Associations of Attention Problems, Behavior Problems, Social Competence, and Academic Skills in a School Aged Children Born Preterm and Term**
Hosoki, M., Travis, K. E., Feldman, H. M.
LIPPINCOTT WILLIAMS & WILKINS.2021: S18