

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PEDIATRICS

Jenny Radesky, M.D., assistant professor of pediatrics, Department of Pediatrics, Medical School, is recommended for promotion to associate professor of pediatrics, with tenure, Department of Pediatrics, Medical School.

Academic Degrees:

M.D.	2007	Harvard Medical School
B.A.	2001	Johns Hopkins University

Professional Record:

2016 - present	Assistant Professor of Pediatrics, University of Michigan
2014 - 2016	Assistant Professor of Pediatrics, Boston University
2010 - 2011	Pediatrician, Pediatric Associates, Inc., Bellevue, WA
2010 - 2011	Pediatrician, Seattle Children's Hospital, Seattle, WA

Summary of Evaluation:

Teaching: Dr. Radesky teaches and mentors learners from undergraduate to graduate levels. She is an integral part of the teaching curriculum for the Developmental Behavioral Pediatrics Fellowship training program. Since starting at the University of Michigan, Dr. Radesky has mentored three undergraduate students from the Departments of Kinesiology, Psychology and Communications, and two medical students. She has also mentored a University of Michigan pediatric resident and has participated in the research and clinical mentoring for all the developmental behavioral fellows in training. She is an excellent teacher with high evaluation ratings and laudatory comments for her clinical teaching. Dr. Radesky involves all developmental behavioral fellows in her research such that they can learn about the process at all levels. Her research team has been diverse, which has fostered a rich learning experience for all. Dr. Radesky has provided lectures to learners and colleagues at this institution, regionally, nationally, and internationally. More than 45 presentations were at the national or international level.

Research: Dr. Radesky has demonstrated exceptional research acumen by garnering institutional and national funding support, collaboration with interdisciplinary teams and disseminating the results of her important work. Her current research area began with the study of parent mobile devices and the associations with parent-child interactions and child behavioral outcomes. She has broadened this work to also explore how child characteristics interact longitudinally with media use and affect distal outcomes in child social-emotional areas. Dr. Radesky's research has also involved improving available measurement tools to allow better accuracy of data collection. She has championed projects independently and with inter-disciplinary research teams. At the institutional level, she secured an intra-departmental research award within a few months of joining the University of Michigan and has since been awarded several other institutional awards as the principal investigator or co-investigator, including through MCube, MICHR, and DEI grant mechanisms. Nationally, Dr. Radesky was the principal investigator or multiple principal

investigator on a past R03 and a R41 grant. She received a K-award, and R21 award as the principal investigator. Dr. Radesky was recently awarded an NIH R01 grant as the principal investigator titled, "Technology Use and Emerging Executive functioning in Early Childhood." She has published 47 peer-reviewed articles and has written six book chapters.

Recent and Significant Publications:

Zhao F, Egelman S, Weeks HM, Kaciroti N, Miller AL, Radesky JS: Data Collection Practices of Mobile Applications Played by Preschool-Aged Children. *JAMA Pediatr* 174(12): e203345, 2020. PM32897299/PMC7489394

Radesky JS, Weeks HM, Ball R, Schaller A, Yeo S, Durnez J, Tamayo-Rios M, Epstein M, Kirkorian H, Coyne S, Barr R: *Young Children's Use of Smartphones and Tablets Pediatrics* 146(1): e20193518, 2020. PM32482771/PMC7329252

Meyer M, Adkins V, Yuan N, Weeks HM, Chang YJ, Radesky JS: Advertising in Young Children's Apps: A Content Analysis. *J Dev Behav Pediatr* 40(1): 32-39, 2019. PM30371646

McDaniel BT, Radesky JS: Technoference: longitudinal associations between parent technology use, parenting stress, and child behavior problems. *Pediatr Res* 84(2): 210-218, 2018. PM29895837 /PMC6185759

Radesky J, Leung C, Appugliese D, Miller AL, Lumeng JC, Rosenblum KL: Maternal Mental Representations of the Child and Mobile Phone Use During Parent-Child Mealtimes. *J Dev Behav Pediatr* 39(4): 310-317, 2018. PM29485515/PMC5930057

Service: Dr. Radesky's clinical expertise in autism spectrum disorders has served to expand the Developmental Behavioral Pediatric (DBP) services in this area. She has been instrumental in the development of the DBP Autism Program at Mott Hospital, allowing this to build to a weekly clinical presence for consultation and follow up care coordination. She championed the provision of Autism care at Ypsilanti Health Center and has worked collaboratively with local Community Mental Health agencies to facilitate service access for underserved children and families. Dr. Radesky has provided service at the institutional, community, and national organizational levels. She has served on the Clinical Competency, Program Evaluation and Applicant Interview and Review Committees for the DBP Fellowship Training Program. She participates in interviews for the University of Michigan Medical School applicants and the pediatric residency applicants. Dr. Radesky played a pivotal role for our institution's response during COVID-19 by organizing an eight-part web series, "Thrive with your Family," as a collaboration between the Departments of Pediatrics and Psychiatry. This series involved herself and other experts who discussed parent management and child behavior and provided evidence-based advice to submitted questions. At the state level, Dr. Radesky has been on the Medical Advisory Committee for the Autism Alliance of Michigan and participated in the Flint Water Crisis Community Advisory Board among other positions. Nationally, she has served in several capacities for the American Academy of Pediatrics (AAP) including the AAP Executive Committee, Council on Communications, and digital marketing to children in particular where she was lead author for the policy statements on digital media. She was invited to a National Institute of Child Health and Human Development Strategic Planning Committee in 2018, and has participated in grant review for that organization as well as

international granting organizations. She has reviewed for journals in her areas of research, and has served on the editorial boards for the *Journal of Developmental Behavioral Pediatrics* and *Journal Watch: Pediatrics and Adolescent Medicine*. Dr. Radesky has also served as a member on the Board of Directors for Melissa and Doug Toys and as an advisor to the Common Sense Media Early Childhood Initiative.

External Reviewers:

Reviewer A: “Dr. Radesky has conducted outstanding research that is having an impact on health care and public policy. Her initial research as a fellow received national attention as it documented how mobile devices interfere with responsive parent-child interactions during mealtimes...Measured by the importance and quality of her research, number of publications, quality of the journals she publishes in, or the influence of her work on practice and policy, Dr. Radesky would be among the leading developmental-behavioral pediatricians in the country.”

Reviewer B: “Dr. Radesky’s impressive research accomplishments, as exemplified by her record of funding including NIH K and R01 awards, are particularly noteworthy and place her in the top tier of her colleagues in the field of developmental-behavioral pediatrics. Her receipt of the American Academy of Pediatrics Communication and Collaboration Award in 2017 and the University of Michigan Department of Pediatrics Residency Top Teacher Award offer impressive proof of the impact of her efforts in child advocacy and pediatric education and her stature at the local and national levels.”

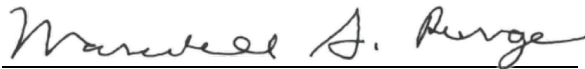
Reviewer C: “She has developed a national reputation in child digital media as exemplified by a number of high impact publications in prestigious medical journals including Pediatrics, JAMA Pediatrics, and the Journal of Developmental and Behavioral Pediatrics. In addition, she has successfully developed an independent line of investigation in child digital media, exemplified mainly by ongoing federal grant support including K23, R21, and R01 awards from the Eunice Kennedy Shriver National Institute of Child Health and Human Development.”

Reviewer D: “Both her scholarly publications and her success in receiving federal funding including a K23 award and as PI of an NICHD R01 and R21, demonstrate an exceptional and accelerating level of productivity. Her work has utilized highly rigorous experimental and longitudinal designs, which have integrated cross-disciplinary expertise and methodology as well as state of the art analytic methods to produce outstanding and compelling scientific research.”

Reviewer E: “Some of her work appears to be groundbreaking and to have enormous implications for policy that will directly affect the lives of children. This is something rare in our field, especially for someone so recently trained...Her area of study, which is the effects of media on very young children, is cutting edge and so important for our understanding of the risks and benefits of this now universal technology. Moreover, she has developed a long-needed technology that allows the screen-time of children to be monitored in a nonintrusive way, allowing for far more accurate data collection than in the past. This really moves the field further in a significant way.”

Summary of Recommendation:

Dr. Radesky is a superb physician-scientist nationally and internationally renowned for her work on digital media. She continues to make new discoveries about digital media and its impact on children. She is also an outstanding mentor, teacher and clinician who has performed valuable service to Michigan Medicine and her field at large. I am pleased to recommend Jenny Radesky, M.D. for promotion to associate professor of pediatrics, with tenure, Department of Pediatrics, Medical School.

A handwritten signature in cursive script, reading "Marschall S. Runge". The signature is written in dark ink and is positioned above a horizontal line.

Marschall S. Runge, M.D., Ph.D.
Executive Vice President for Medical Affairs
Dean, Medical School

May 2022