

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PEDIATRICS AND COMMUNICABLE DISEASES
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF NUTRITIONAL SCIENCES

Julie C. Lumeng, M.D., associate professor of pediatrics and communicable diseases, with tenure, Department of Pediatrics and Communicable Diseases, Medical School, and associate professor of nutritional sciences, without tenure, Department of Nutritional Sciences, School of Public Health, is recommended for promotion to professor of pediatrics and communicable diseases, with tenure, Department of Pediatrics and Communicable Diseases, Medical School, and professor of nutritional sciences, without tenure, Department of Nutritional Sciences, School of Public Health [also being promoted to research professor, Center for Human Growth and Development].

Academic Degrees:

M.D.	1997	University of Michigan
B.A.	1993	University of Michigan

Professional Record:

2011-present	Associate Professor of Pediatrics and Communicable Diseases University of Michigan
2011-present	Associate Professor of Nutritional Sciences, University of Michigan
2011-present	Research Associate Professor, Center for Human Growth and Development, University of Michigan
2005-2011	Assistant Professor of Pediatrics and Communicable Diseases, University of Michigan
2005-2011	Assistant Research Scientist, Center for Human Growth and Development, University of Michigan
2003-2005	Clinical Instructor, Department of Pediatrics and Communicable Diseases, University of Michigan
2003-2005	Research Investigator, Center for Human Growth and Development, University of Michigan
2000-2003	Instructor, Boston University School of Medicine

Summary of Evaluation:

Teaching: Dr. Lumeng is actively engaged in all levels of education which primarily occurs in the context of clinical work and research mentoring. Within the Medical School, she has

provided instruction to first year medical students in didactic sessions as part of their Human Growth and Development series and has mentored 26 medical students in the Summer Biomedical Research Program. She has directed the fourth year medical student rotation in developmental-behavioral pediatrics and provides clinical and research mentoring to pediatric residents as well as to the developmental-behavioral pediatric fellows. She is the primary mentor on Dr. Prachi Shah's K08 NIH career development award and was the primary mentor to a graduate student in nutrition at the School of Public Health who earned her Ph.D. in 2015. Dr. Lumeng regularly includes Undergraduate Research Opportunity Program students in her laboratory. She is the principal investigator on an NIH-funded T32 training program for post-doctoral fellows which began in 2015.

Research: Dr. Lumeng's research program focuses on biobehavioral contributors to childhood obesity risk. Her major contributions have focused on the biological mechanisms that may underlie the increased prevalence of obesity among low-income children, as well as better understanding the role of maternal feeding beliefs and practices in contributing to childhood obesity risk. Her work has recently extended to randomized controlled trials in Head Start settings testing behavioral interventions for preventing obesity. Her work brings developmental and behavioral science to critical problems affecting children's health and well-being. She has been continuously NIH funded since 2005 and is mentoring junior faculty and fellows to launch their own research careers. Her major contributions to the field have been investigating biobehavioral mechanisms that may explain disparities in obesity in children.

Recent and Significant Publications:

Lumeng JC, Ozbeki TN, Appugliese DP, Kaciroti N, Corwyn RF, Bradley RH: Observed assertive and intrusive maternal feeding behaviors increase child adiposity. *American Journal of Clinical Nutrition* 95:640-647, 2012.

Lumeng JC, Wendorf K, Pesch M, Appugliese D, Kaciroti N, Corwyn R, Bradley RH: Life events in childhood and adolescent overweight. *Pediatrics* 132:e1506-1512, 2013.

Lumeng JC, Miller AL, Peterson KE, Kaciroti N, Sturza J, Rosenblum K, Vazquez DM: Diurnal cortisol pattern, eating behaviors and overweight in low-income preschool-aged children. *Appetite* 73:65-72, 2014.

Goulding AN, Rosenblum KL, Miller AL, Peterson KE, Chen YP, Kaciroti N, Lumeng JC: Associations between maternal depressive symptoms and child feeding practices in a cross-sectional study of low-income mothers and their young children. *International Journal of Behavioral Nutrition and Physical Activity* 11:75, 2014.

Lumeng JC, Kaciroti N, Sturza J, Krusky A, Miller A, Peterson KE, Lipton R, Reischl T: Changes in body mass index associated with Head Start participation. *Pediatrics* 135:e449-e456, 2015.

Service: Dr. Lumeng is dedicated to providing service both within the University of Michigan and at a national level. Institutionally, she serves as the associate director of the Childhood

Obesity Research Center, the Momentum Center, at the School of Public Health. She is the associate chair for research within the Department of Pediatrics. She directs the University of Michigan Reach Out and Read program and serves on the department's Intern Selection Committee as well as the Medical School Admissions Executive Committee. Dr. Lumeng serves on the MICHR Internal Review Committee and nationally, she serves on the National Council for the Society for Pediatric Research, on the editorial board for *Pediatrics*, and is the associate editor for the *International Journal of Behavioral Nutrition and Physical Activity*. She is a permanent member of the NIH Study Section CHHD-M.

External Reviewers:

Reviewer A: "Dr. Lumeng has an extremely impressive reputation as an independent scholar with multiple ongoing awards. She is the principal investigator on four active R01 awards from NIH, an R21 from NIH, an American Heart Association award, a T32 training grant, an award from USDA, and several subcontracts. In addition, she is a mentor to 3 funded trainees and a co-investigator on 3 awards....She has clearly distinguished herself in the areas of childhood obesity and eating behaviors with her impressive contributions. She is an outstanding pediatrician and scientist who is a major force in understanding the complexities of feeding behavior and the determinants of pediatric obesity."

Reviewer B: "Candidates must also exhibit a consistent record of scholarly productivity as evidenced by grant funding and publications. Dr. Lumeng's productivity in both arenas is extraordinary and outstanding. I know of no investigator in our field of Developmental and Behavioral Pediatrics who has been as successful and productive with respect to such traditional academic measures....Her prolific and sustained record of scholarly publications places her at the very top of our field."

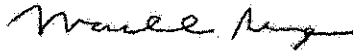
Reviewer C: "She has an outstanding record of obtaining funding for her work and managing large research grants....She has presented her research widely at seminars, conferences, and workshops for a wide variety of audiences and organizations."

Reviewer D: "Julie Lumeng is among a small group of clinician-scientists in the relatively new subspecialty of Developmental and Behavioral Pediatrics who have made major contributions in both science and clinical practice domains....Dr. Lumeng is a respected member of the national pediatric academic community. She has gained this reputation by the quality and quantity of her research, teaching and commitment to improve the lives of children."

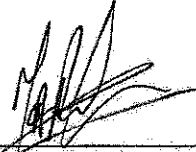
Reviewer E: "...I have no doubt that were she up for promotion at my own or most other medical schools, her promotion would sail through....She currently is principal investigator on eight separate NIH grants totaling over \$12 million, including an all-important T32 training grant. In addition she has a large USDA grant and several other subcontracts and foundation sources of support. This is indeed quite remarkable, especially in Developmental Behavioral Pediatrics, and should leave no doubt about the importance of her research and of her leadership and ability to collaborate."

Summary of Recommendation:

Dr. Lumeng has excelled in all missions of the University of Michigan Health System. She has demonstrated exceptional productivity as an investigator, teacher and mentor, and academic citizen. We enthusiastically recommend Julie C. Lumeng, M.D. for promotion to professor of pediatrics and communicable diseases, with tenure, Department of Pediatrics and Communicable Diseases, Medical School, and professor of nutritional sciences, without tenure, Department of Nutritional Sciences, School of Public Health.



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



Martin A. Philbert
Dean, School of Public Health

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