

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PEDIATRICS AND COMMUNICABLE DISEASES

Julie C. Lumeng, M.D., assistant professor of pediatrics and communicable diseases, Department of Pediatrics and Communicable Diseases, Medical School, is recommended for promotion to associate professor of pediatrics and communicable diseases, with tenure, Department of Pediatrics and Communicable Diseases, Medical School [also being promoted to research associate professor, Center for Human Growth and Development].

Academic Degrees:

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

Professional Record:

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

Summary of Evaluation:

Teaching: Dr. Lumeng is an active participant in teaching and consistently receives above average teaching evaluations. She has received one of the “Top Resident Teacher” awards in the Department of Pediatrics each year from 2008 through 2010. She has directed the M4 clinical rotation in developmental and behavioral pediatrics since 2004 and provides regular teaching in the context of her clinical work to M4 students, pediatric residents, and family medicine residents. She provides didactic teaching regularly to medical students and residents. Dr. Lumeng is also a frequently invited lecturer in the community, at continuing medical education courses, and within other units at the University. Dr. Lumeng takes an active role in mentoring students, residents, and fellows in research. She has served as the primary faculty mentor for a dozen medical students participating in summer or year-out research experiences, has mentored several residents and fellows (from General Pediatrics and Emergency Medicine) in research projects. Her mentees regularly present at national meetings.

Research: Dr. Lumeng has developed an active and productive research program. Her primary area of focus has consistently been the examination of child eating behavior, the mother-child feeding interaction, and children’s cognitions about food, all in relation to child obesity risk. She

has a strong publication record and regularly presents her work at national meetings. Dr. Lumeng has recently been funded with an R01 (co-PI with Alison Miller – SPH “ Self-Regulation as a Biological Mechanism for Excess Weight Gain in Toddlers” \$3,100,000) through 2015 and an R21 titled “Stress Reactivity, Cortisol, and Obesity in Low-Income Children.” She has one year remaining on her current K award focused on children’s cognitions about food and eating and received an NIH Challenge Grant (ARRA, RC1) in 2009. She also recently submitted a large multi-site intervention grant proposal to the USDA, and has several other grant applications pending. She actively involves trainees in her research program and has multiple fruitful interdisciplinary collaborations. Dr. Lumeng has been appointed to direct the interdisciplinary research group on obesity at the Center for Human Growth and Development. This provides an outstanding opportunity to develop an interdisciplinary and broad research program focusing on childhood obesity from a developmental perspective. Dr. Lumeng will also continue to involve trainees in her research, with a likely growing focus on more advanced trainees. In summary, Dr. Lumeng will continue to develop her current research program, but with broader and deeper scope.

Recent and Significant Publications:

Lumeng JC, Sitto JR, Cardinal TM, Kannan S: Bitter taste sensitivity and body mass index in low-income preschool-aged children. *Obesity* 16:1522-1528, 2008.

Lumeng JC, Cardinal TM, Jankowski M, Gelman SA: Children’s use of adult testimony to guide food selection. *Appetite* 51:302-310, 2008.

Lumeng JC, Somashekar D, Appugliese D, Kaciroti N, Corwyn RF, Bradley RH: Sleep characteristics and overweight risk at ages 9-12 Years. *Pediatrics* 120:1020–1029, 2007.

Lumeng JC, Appugliese DP, Cabral HJ, Bradley RH, Zuckerman B: Neighborhood safety and childhood overweight. *Archives of Pediatrics and Adolescent Medicine* 160:25-31, 2006.

Lumeng JC, Burke LM: Maternal prompts to eat, child compliance, and mother and child weight status. *Journal of Pediatrics* 149:330-335, 2006.

Service: Dr. Lumeng regularly serves as a peer reviewer for journals and granting agencies. She was recently invited to be a permanent member of an NIH study section and a member of the Research Advisory Committee for the Midwest Affiliate of the American Heart Association. Internally, Dr. Lumeng serves on the Medical School Admissions Executive Committee and the Pediatric Department Resident Selection Committee. She also serves as the medical director for the Pediatric Advocacy Initiative, a partnership between the Medical School and Law School that advocates for families with legal needs affecting the child’s health. She serves as the medical director of the University of Michigan Reach Out and Read Program, which provides a brand new children’s book and advice about literacy promotion at each well child visit from ages six months to five years. This program operates at seven different University of Michigan affiliated

health centers and distributes about 12,000 books per year. The program is made possible through private donors. At the Center for Human Growth and Development, Dr. Lumeng currently serves on the Executive (Steering) Committee and will continue to do so for the next year.

External Review:

Reviewer A: “Dr. Lumeng’s innovative scholarly activities, national recognition, and commitment to education and service are testimony to her competence and professionalism. There is no question that she has distinguished herself in the areas of childhood obesity and eating behaviors with her impressive contributions.”

Reviewer B: “Dr. Lumeng has demonstrated extraordinary perseverance and creativity in pursuing research that clarifies our understanding of obesity risk in children...Dr. Lumeng has clearly achieved national recognition for her contributions to Pediatrics...Dr. Lumeng obviously also has an international reputation, as evidenced by her service to study sections in the Netherlands and Hong Kong.”

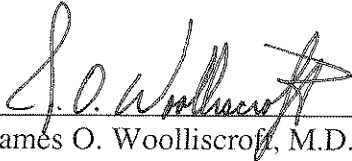
Reviewer C: “Dr. Lumeng’s organizational service on the local and national levels is outstanding. She has served on numerous grant review panels, including as ad hoc reviewer for NIH study sections and for international bodies...Her volunteerism is noteworthy, especially as it serves to benefit underserved communities, which meshes with her research focus on low-income populations.”

Reviewer D: “She has made significant contributions to our understanding of children’s eating behaviors and the links to weight regulation and become an established and respected investigator. She has a strong and sustained track record of external funding from prestigious agencies. Through her teaching and mentorship, she has favorably influenced the lives of many others.”

Reviewer E: “...the high esteem with which she is held is reflected in the large number of manuscripts that she has been asked to review...and in her invitation to serve as a reviewer for the NIH and for foundations and public funders internationally...she has won the teaching award from the residents for three years in a row, something rarely seen. Finally she has been elected to the prestigious Society for Pediatric Research, an election that signifies substantial independent contribution to Pediatric research. I am absolutely sure that Dr. Lumeng’s promotion would sail through our committee [at my institution], and cannot conceive of a medical school in which that would not be the case. There are exceedingly few individuals who can be a triple threat and excel in clinical work, teaching and research, but she is clearly one of them.”

Summary of Recommendation:

Dr. Lumeng is an extremely valuable member of the Department of Pediatrics, the Center for Human Growth and Development, and the University. Based on her scholarly record, her extramural funding success and her superb teaching and mentoring roles, I am confident that her talent and dedication will ensure the success of her programs in helping to fight the growing problem of childhood obesity. I enthusiastically support the promotion of Dr. Lumeng to associate professor of pediatrics and communicable diseases, with tenure, in the Medical School.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2011