

PROMOTION RECOMMENDATION
The University of Michigan
School of Public Health
Department of Nutritional Sciences

Amy E. Rothberg, M.D., assistant professor of nutritional sciences, School of Public Health, is recommended for promotion to associate professor of nutritional sciences, without tenure, Department of Nutritional Sciences, School of Public Health [also being promoted to clinical associate professor, Department of Internal Medicine, Medical School].

Academic Degrees:

M.D.	1996	Wayne State University School of Medicine, Detroit, MI
B.A.	1987	French Language & Literature, and Government, Smith College, Northampton, Massachusetts
Le Certificat (PhD)	1986	Political Science, L'Institut d'Etudes Politiques, Paris, France

Professional Record:

2015-present	Assistant Professor, Department of Nutritional Sciences, School of Public Health, University of Michigan, Ann Arbor, MI
2009-present	Clinical Assistant Professor, Division of Endocrinology and Metabolism, University of Michigan, Ann Arbor, MI
2002-2007	Adjunct Clinical Faculty Associate, Department of Internal Medicine, University of Michigan Medical Center, Ann Arbor, MI
2000-2002	Adjunct Clinical Associate, Department of Internal Medicine, University of Michigan, Ann Arbor, MI

Summary of Evaluation:

Teaching: Dr. Rothberg plays a significant role in education at the University of Michigan. She teaches and mentors undergraduate and graduate students, post-doctoral students, medical students, internal medicine and family medicine residents, and endocrine fellows each year. She teaches a wide variety of topics, from the basics of history taking and physical examination with medical students, to thesis development with PhD candidates. Dr. Rothberg has also dedicated a considerable amount of time working with the fellows in both the clinical setting as well as mentoring several of them in research. She also interacts with relevant faculty to coordinate rotations for graduate students from the School of Public Health.

Research: Dr. Rothberg specializes in the care of patients with obesity and weight loss treatments. She is a board-certified physician in internal medicine, endocrinology, and obesity medicine. She is a respected leader in her field and is sought-after by her peers for her expertise in obesity research. Her research has focused on successful strategies for weight loss and on the clinical, epidemiological, and economic outcomes of lifestyle intervention in obese patients. She is the founding director of the University of Michigan Weight Management Program (WMP) which is a program supported by Blue Care Network and by the NIH as part of the Michigan

Nutrition Obesity Research Center (NORC). The WMP provides intensive educational, dietary, physical activity, behavioral, and pharmacological interventions to promote and maintain weight loss, control cardiovascular risk factors and improve other weight related co-morbid health conditions among patients with moderate or severe obesity. Her sustained funding history is evidence of her ability to further research in obesity therapies. She has demonstrated the ability to obtain funds from intramural and extramural sources to support her research program, including with the NIH, Blue Cross Blue Shield of Michigan and Blue Care Network, the Michigan Kidney Translational Core Center, the Michigan Institute for Clinical Research, the Patient-Centered Outcomes Research Institute, private foundations and industry. Her research has led to 15 peer-reviewed papers, co-authorship of two book chapters, and 23 abstracts/posters.

Recent and Significant Publications:

Burghardt PR, Rothberg AE, Dykhuis KE, Burant CF, Zubieta JK. Endogenous opioid mechanisms are implicated in obesity and weight loss in humans. *J Clin Endocrinol Metab.* 2015 August; PMID: 26108093.

Rothberg AE, Halter JB. Obesity and diabetes in an aging population: time to rethink definitions and management? *Clin Geriatr Med.* 2015 Feb; PMID: 25453297.

Rothberg AE, McEwen LN, Kraftson AT, Fowler CE, Herman WH. Very-low-energy diet for type 2 diabetes: an underutilized therapy? *J Diabetes Complications.* 2014 Jul-Aug; PMID: 24849710.

Rothberg AE, McEwen LN, Fraser T, Burant CF, Herman WH. The impact of a managed care obesity intervention on clinical outcomes and costs: a prospective observational study. *Obesity* (Silver Spring). 2013 Nov; PMID: 24136667.

Rothberg AE, McEwen LN, Kraftson AT, Neshewat GM, Fowler CE, Burant CF, Herman WH. The impact of weight loss on health-related quality-of-life: implications for cost-effectiveness analyses. *Qual Life Res.* 2014 May; PMID: 24129672.

Service: Dr. Rothberg also provides exemplary service. Institutionally, Dr. Rothberg has served on the IRBMED, Obesity Guidelines Committee. Within the Division of Metabolism, Endocrinology and Diabetes (MEND), she has served on the interview committee for fellows, as an organizing committee member and then chair for the MEND and Podiatry Faculty Retreat in 2013 and 2014. Further signifying her leadership in the field, she serves on the Endocrine Society's Expert Obesity Panel that is committed to raising awareness and training in the field of obesity, and is also on the Endocrine Society's Special Program's Committee with responsibility for developing and reviewing materials, webinars, presentations and CME activities. She has co-chaired sessions at the Obesity Society annual meeting. She is a member of the American Board of Obesity Medicine Writing Committee tasked with writing questions for the board examination.

Dr. Rothberg is an editorial board member and reviewer for the journal, *Clinical Diabetes and Endocrinology*, and serves as ad hoc journal reviewer for the *Journal of American Geriatrics Society*, the *British Medical Journal*, and *PloS-One*, to name a few. She has provided service internationally as an ad hoc reviewer for the Health Economics and Outcomes Research Advisory Board, Novo Nordisk (2013-2014).

External Reviewers:

Reviewer A: “In this fast developing field of obesity medicine, the number of academic physicians who are serving as leaders in their communities and nationally is relatively small, and I count Amy as one of the few leaders. Her career progression and trajectory demonstrate that she is gaining national prominence and high regard... As a result of this, she has been an invited speaker at several national symposia sponsored by professional societies in recent years. She is also a member of the American Board of Obesity Medicine exam writing committee, further signifying her leadership in the field.”

Reviewer B: “She has published several excellent papers about important research questions in the field of obesity including the impact of weight loss on health related quality of life; the impact of managed care obesity intervention on clinical outcomes and costs; and about the definition and management of obesity and diabetes in an aging population. Her well-grounded expertise in epidemiology and treatment of obesity lead to an important editorial in *JAMA* entitled ‘Prevalence of Diabetes in the United States-a glimmer of hope?’ a few weeks ago.”

Reviewer C: “Most notable is the extremely thorough, comprehensive and detailed evaluations she provides of the complex patients that she cares for. Her medical records are the most clear and insightful of any physician that I have seen in my five years here at [my institution]. Her expertise has been recognized globally through work with international pharmaceutical firms and she has also contributed at numerous meetings internationally and throughout the Midwest. Her publication production has continued to accelerate in the last several years and provides important work in this field.”

Reviewer D: “Dr. Rothberg is a recognized leader in the area of obesity at the University of Michigan. She is Co-investigator of the Michigan Nutrition Obesity Research Center (NORC) and director of the University of Michigan Weight Management Program, which is a unique demonstration program supported by Blue Care Network and by the NIH as part of the Michigan NORC. She also has an important role in education and training in obesity for residents, fellows and students at the University of Michigan, including didactic lectures, providing a course on the Pathophysiology of Obesity, and clinical supervision... She is an outstanding example of a skilled physician who is able to conduct clinically meaningful research and is recognized as a leader in the field of obesity.”

Reviewer E: “To succeed in clinical academic medicine several aspects need to be stressed, clinical work, teaching excellence, published scholarship and service. In my opinion Dr. Rothberg more than meets all these objectives... Dr. Rothberg is recognized as a leader in the area of clinical obesity care and clinical research. She has worked with colleagues in translational science from many disciplines including reproductive endocrinology, a field of interest of mine, to computational mathematics. She has worked tirelessly and skillfully to build a clinical-research program which serves to promote collaboration across the University. Dr. Rothberg’s work has been recognized locally and nationally.”

Summary of Recommendation:

Dr. Rothberg is an exceptional scholar. She is committed to the educational, research, and service missions of the institution and we are confident that she will continue to make positive contributions to the field of obesity research in the future. For these reasons, the School of Public Health Executive Committee and I strongly support the promotion of Amy E. Rothberg, M.D. to the rank of associate professor of nutritional sciences, without tenure, Department of Nutritional Sciences, School of Public Health.



Martin A. Philbert
Dean, School of Public Health

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