

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Megan R. Haymart, M.D., assistant professor of internal medicine, Department of Internal Medicine, Medical School, is recommended for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

M.D.	2002	Johns Hopkins University
B.A.	1998	University of Missouri

Professional Record:

2009-present	Assistant Professor of Internal Medicine, University of Michigan
2007-2009	Instructor, University of Wisconsin, Madison

Summary of Evaluation:

Teaching: Dr. Haymart is a devoted and very active educator both in the clinical setting and in the health services research arena. She has been involved in teaching students, residents, fellows, and peers. In addition to classroom instruction, one-on-one teaching with residents and fellows, and lectures to peers, she has also been involved in instruction in research and in educating endocrinologists from the United States and abroad in the use of ultrasound for thyroid evaluation. Dr. Haymart provides subspecialty training during consults with fellows and residents. The endocrine fellows and internal medicine residents who work with her in the general endocrine clinic and in the thyroid cancer clinic have the opportunity to learn how to perform thyroid biopsies from her. She has served as a small group session leader for the second year endocrinology curriculum that involved preparation and classroom teaching to approximately 20 students. In the laboratory, Dr. Haymart has mentored and taught five graduate students on thyroid cancer topics. In addition to graduate students, she has mentored and taught the key elements of research development, design and implementation to two endocrine fellows. One of these former fellows is now junior faculty at the University of Michigan and is still her mentee. She has also involved clinical faculty in research projects; specifically guiding them on research design and methodology. In addition, she has served as a preceptor for the American Thyroid Association Trainee Education Track Thyroid Ultrasound Workshop (2011-2015).

Research: Dr. Haymart is an exceptional scientist with national and international recognition. Her research focus is in thyroid cancer outcomes, and in the variation in the management of thyroid cancer with an emphasis on the role of patients, providers, and health systems in thyroid cancer treatment. She has developed a unique niche in thyroid cancer outcomes, population health, and cancer care delivery research. Her landmark publication in *JAMA* demonstrated significant variation in the care provided to thyroid cancer patients in the U.S., particularly with regard to radioactive iodine administration. An implication of some of her research (and future funded work) is that clinicians are likely over-treating differentiated thyroid cancer. She has published 43 manuscripts in high impact peer-reviewed journals with 33 published since her last promotion that includes 24 as first or senior author. She has eight book chapters, and 24 abstracts. Dr. Haymart's work has been

well funded throughout her career. She is presently the principal investigator on two NIH R01 funded grants (2016-2020), and has another major grant pending. She was also a 2015 recipient of the Blue Cross Blue Shield Foundation of Michigan McDevitt Excellence in Research Award in the area of health policy. Dr. Haymart's national reputation is recognized by her numerous extramural invited presentations, 10 since her last promotion. She is on the editorial boards for the *Journal of Clinical Endocrinology and Metabolism*, and *Thyroid*, as well as an associate editor for *Video Endocrinology*. Dr. Haymart has also served as ad hoc reviewer for journals such as *Journal of Clinical Oncology*, *JAMA*, *Thyroid*, and *Journal of Clinical Endocrinology and Metabolism*, as well as serving for the international journals *World Journal of Surgery*, and *European Journal of Endocrinology*.

Recent and Significant Publications:

Haymart MR, Banerjee M, Stewart AK, Koenig RJ, Birkmeyer JD, Griggs JJ: Use of radioactive iodine for thyroid cancer. *JAMA* 306:721-728, 2011.

Haymart MR, Banerjee M, Yang D, Stewart AK, Sisson JC, Koenig RJ, Doherty GM, Griggs JJ: Variation in the management of thyroid cancer. *Journal of Clinical Endocrinology and Metabolism* 98:2001-2008, 2013.

Haymart MR, Muenz D, Stewart AK, Griggs JJ, Banerjee M: Disease severity and radioactive iodine use for thyroid cancer. *Journal of Clinical Endocrinology and Metabolism* 98:678-686, 2013.

Banerjee M, Muenz DG, Chang JT, Papaleontiou M, Haymart M: Tree-based model for thyroid cancer prognostication. *Journal of Clinical Endocrinology and Metabolism* 99:3737-3745, 2014.

Banerjee M, Wiebel JL, Guo C, Gay B, Haymart MR: Use of imaging tests after primary treatment of thyroid cancer in the United States: population based retrospective cohort study evaluating death and recurrence. *BMJ* 354: i3839, 2016.

Service: Dr. Haymart is regarded as a dedicated and skilled physician who is active in clinical care. She sees patients in the MEND general endocrinology clinic. Her clinical expertise is in improving the management of patients with thyroid cancer. She is well regarded by those she mentors both in the clinical and research settings. Her service roles have included participating in the American Thyroid Association (ATA) Public Health Committee (2010-2012), and the ATA Finance and Audit Committee (2012-2018). She also attends strategic planning meetings focusing on the growth and development of the American Thyroid Association. For the Endocrine Society, she is on the Annual Meeting Steering Committee (2016-2019). She is a member of the National Comprehensive Cancer Network (NCCN) Thyroid Cancer Panel. Locally, she is a member of the University of Michigan Cancer Center's Focused Advisory Group for Career Development and Junior Faculty in Population Health Sciences, is the thyroid cancer research director, and participates in the weekly meetings of the Center for Healthcare Outcomes and Policy (CHOP) at the University of Michigan.

External Reviewers:

Reviewer A: "Dr. Haymart's work is recognized globally as important and relevant to the care of thyroid cancer patients... My review of her scholarly activity indicates that it is excellent and highly regarded worldwide. I consider Dr. Haymart's work to be superior to her peer group working in the same field."

Reviewer B: “In addition to her research efforts, Dr. Haymart has become a participant at the national level in committees of the American Thyroid Association, The Endocrine Society, and she has served on the National Comprehensive Cancer Network (NCCN) panel charged with developing guidelines for thyroid cancer management. Her reputation as an excellent speaker has led to her invitation as a lecturer at regional and national meetings.”

Reviewer C: “She is exceptionally thoughtful and scholarly, and without question one of the rising stars in our field. She has published a series of carefully conducted studies exploring regional variations in the way patients with thyroid cancers are treated, particularly in those with low risk forms of the disease... I am struck as well by the fact that Megan has supported her studies through NIH grants throughout her career, which is not the norm for clinical investigators doing patient-oriented research in thyroidology. In my view, she is truly exceptional, and in the very top tier of researchers in this space.”

Reviewer D: “Dr. Haymart has earned a justified reputation as one of the [of their professional cohort] national leaders in clinical research in thyroidology. In addition to her publications, this recognition is because of her receipt of highly competitive NIH awards; her LRP, K07, and particularly her current R01 on treatment decision-making in low-risk thyroid cancer—all of these in an era when clinical research in thyroidology has not been a favored NIH subject area.”

Reviewer E: “Her expertise in epidemiology of thyroid cancer is highly respected by myself and colleagues in our field, which is reflected by her numerous extramural scientific speaking engagements... Dr. Haymart has established herself as a top-notch national expert in thyroid cancer epidemiology, as well as emerging international expert.”

Reviewer F: “Her approach to her research is creative, and the questions she asks are important; her findings are impactful for the way we care for patients and also for how we derive practice guidelines and policy... I read her publications with interest, and I have borrowed lessons for my own clinical practice and also for the research that we conduct.”

Summary of Recommendation:

Dr. Haymart is a rising star and innovative physician scientist who is active in clinical care. She has demonstrated significant national and international contributions in research, education and service. Therefore, I enthusiastically recommend Megan R. Haymart, M.D. for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.



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

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