

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF OPHTHALMOLOGY AND VISUAL SCIENCES

Paula A. Newman-Casey, M.D., M.S., assistant professor of ophthalmology and visual sciences, Department of Ophthalmology and Visual Sciences, Medical School, is recommended for promotion to associate professor of ophthalmology and visual sciences, with tenure, Department of Ophthalmology Visual Sciences, Medical School.

Academic Degrees

M.S.	2012	University of Michigan
M.D.	2007	University of Michigan
B.A.	2002	Reed College

Professional Record

2019-present	Assistant Professor of Ophthalmology and Visual Science, Veteran's Affairs Healthcare System
2013-present	Assistant Professor of Ophthalmology and Visual Science, University of Michigan
2011-2013	Clinical Lecturer of Ophthalmology and Visual Science, University of Michigan

Summary of Evaluation:

Teaching: Dr. Newman-Casey teaches all stages of learners: practicing physicians, faculty members, post-graduate students, glaucoma fellows, research fellows, residents, medical students, and undergraduates. She has taught health care providers throughout the region as well as nationally through lectures and skills transfer courses. She is routinely invited to major national conferences, including the American Academy of Ophthalmology, Association for Research in Vision and Ophthalmology, the World Ophthalmology Congress, and the American Glaucoma Society. Her trainees have presented their research at national meetings and contribute to peer-reviewed manuscripts. Dr. Newman-Casey was selected as one of two healthcare mentors for the University of Michigan Penny W. Stamps School of Design inaugural cohort for the master's in integrative design, and mentored a team of graduate and undergraduate students at the Center for Healthcare Engineering and Patient Safety from 2016-2019. She mentors and teaches residents in the ACGME approved program.

Research: Dr. Newman-Casey has focused her research on understanding and improving 1) self-management support for people with glaucoma to improve adherence to doctor's recommendations and disease outcomes, and 2) modalities for eye care delivery that increase access to high-quality care and enhance adherence to needed care visits with the health care system. She is one of a handful of experts in the field of glaucoma medication non-adherence and its adverse effects on the glaucoma patient population. She has identified the many obstacles that undermine the patients' ability to take the prescribed glaucoma medication. Dr. Newman-Casey has received substantial research support from the NIH, private foundations, and university sources. She is currently a principal investigator on four grants and an award from the Centers for Disease Control and Prevention, a Career Development Award from Research to Prevent Blindness, and a SEVA Foundation grant. Dr. Newman-Casey is a wonderful collaborator as evidenced by the collaboration she has formed with community clinics in

Flint and Ypsilanti for her Screening and Intervention for Glaucoma and eye Health through Telemedicine programs, a CDC-funded project to detect and treat glaucoma in high-risk communities. Her ability to lead with positivity and relate to people has served her well in her community-engaged research. Dr. Newman-Casey has a total of 57 peer-reviewed publications including high-profile papers in *Ophthalmology*, *JAMA Ophthalmology*, *Ophthalmology Glaucoma*, *Journal of Biomedical Informatics*, and *Journal of Glaucoma*.

Recent and Significant Publications:

Newman-Casey PA, Salman M, Lee PP, Gatwood JD: Cost-Utility Analysis of Glaucoma Medication Adherence. *Ophthalmology*. May;127(5):589-598, 2020.

Newman Casey PA, Niziol LM, Lee PP, Musch DC, Resnicow K, Heisler M: The Impact of the Support, Educate, Empower (SEE) Personalized Glaucoma Coaching Pilot Study on Glaucoma Medication Adherence. *Ophthalmology Glaucoma* 3(4): 228-237, 2020.

Newman-Casey PA, Niziol LM, Gillespie BW, Janz NK, Lichter PR, Musch DC: The Association between Medication Adherence and Visual Field Progression in the Collaborative Initial Glaucoma Treatment Study. *Ophthalmology*. Apr;127(4):477-483, 2020.

Newman-Casey PA, Blachley T, Lee PP, Heisler M, Farris KB, Stein JD: Patterns of Glaucoma Medication Adherence over Four Years of Follow-Up. *Ophthalmology*. Oct;122(10):2010-2021, 2015.

Newman-Casey PA, Robin AL, Blachley T, Farris K, Heisler M, Resnicow K, Lee PP: The Most Common Barriers to Glaucoma Medication Adherence: A Cross-Sectional Survey. *Ophthalmology*. Jul;122(7):1308-1316, 2015.

Service: Dr. Newman-Casey's work has been recognized by the receipt of numerous honors, awards, and grants including the Artemis Award for Humanitarian Service in 2016, and the Achievement Award in 2018, from the American Academy of Ophthalmology, as well as the Michigan Medical School Dean's Award for local community service for work directing the HOPE Clinic program to provide ophthalmic care for the uninsured in our community in 2015. In 2016, she worked with Dr. Kaplan, the Medical Student Clerkship Director, to create a training curriculum so that medical students could be involved in the clinic in a meaningful way. She serves on several committees for the American Glaucoma Society and participates on the Glaucoma Sub-Committee for the Annual Meeting Program Committee for the American Academy of Ophthalmology. Institutionally, Dr. Newman-Casey is a member of Global REACH, the Institute for Healthcare Policy and Innovation, Center for Healthcare Engineering and Patient Safety, and the Michigan Diabetes Research Center at the University of Michigan. She is the co-director of the Kellogg Eye Center for eHealth. This unique program provides telemedicine-based clinical care for ophthalmic patients. She has been the chair of the Work-Life Balance Committee since 2014, she serves as the fellowship coordinator for the glaucoma section for the International Council of Ophthalmology, and has served on the Residency Selection Committee, the Research Day Review Committee, and the Diversity, Equity, and Inclusion Committee. In addition, she has been a reviewer for important journals nationally and internationally including *Ophthalmology*, *Journal of Glaucoma*, *International Journal of Glaucoma*, and *JAMA Ophthalmology*.

External Reviewers:

Reviewer A: “Dr. Newman-Casey is recognized nationally as a leader in the field of glaucoma. She has contributed significantly to the medical literature with multiple peer-reviewed publications in high impact journals. Dr. Newman-Casey is known as an authority on glaucoma medication adherence.”

Reviewer B: “Dr. Newman-Casey has been a solid participant in professional committees, both locally and nationally. Her ability to serve as a Spanish translator provides added value to her role as a provider when caring for Latinx populations. She has been invited to speak nationally and has garnered reasonable extramural grant support for her research. She has been an active mentor of medical students, often coauthoring several publications.”

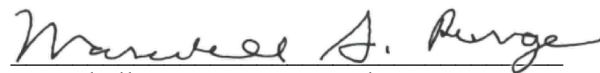
Reviewer C: “In reviewing her peer-reviewed publications and past and current grants, Dr. Newman-Casey appears to be upholding her promise as a productive clinical researcher who has made substantive contributions to our field in a very short period of time...In summary, Dr. Newman-Casey’s scholarly work follows a very focused pathway that is outlined in her numerous publications and grants and the quality of her publications is very high. I would rate her as outstanding in this category of her application for promotion.”

Reviewer D: “Dr. Newman-Casey is a skilled clinician-scientist that has developed expertise in all four areas of focus that are critical to her promotion to Associate Professor with tenure: Scholarship and Research, Teaching, Service and Healthcare...She is recognized nationally and internationally as one of a handful of experts in field of glaucoma medication non-adherence and its adverse effects on the glaucoma patient population.”

Reviewer E: Dr. Newman-Casey’s creative work is of extremely high quality, and she has made significant meaningful contributions to our understanding of medication adherence (and lack thereof) in patients with glaucoma. The most outstanding of her scholarly works includes this year’s dual publications describing the impact and patient experience during the pilot study of the Support, Educate, Empower (SEE) Glaucoma Coaching Program to Improve Medication Adherence (in Ophthalmology Glaucoma), as well as this year’s publication on the cost-utility analysis of glaucoma medication adherence (in Ophthalmology).”

Summary of Recommendation

Dr. Newman-Casey is a true leader for her work on improving glaucoma medication adherence and improving access to high-quality glaucoma care to improve patient outcomes, especially among underserved communities. I am pleased to recommend Paula A. Newman-Casey, M.D., M.S. for promotion to associate professor of ophthalmology and visual sciences, with tenure, Department of Ophthalmology and Visual Sciences, Medical School.



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

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