

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN MEDICAL SCHOOL  
DEPARTMENT OF INTERNAL MEDICINE

Approved by the Regents

May 17, 2007

William D. Chey, M.D., Associate Professor of Internal Medicine, with tenure, Department of Internal Medicine, Medical School, is recommended for promotion to Professor of Internal Medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

M.D.	1986	Emory University
B.S.	1982	University of Pennsylvania

Professional Record:

2001-Present	Associate Professor of Internal Medicine, University of Michigan
1996-2001	Assistant Professor of Internal Medicine, University of Michigan
1993-1996	Lecturer, Department of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Teaching has been and remains a major focus of Dr. Chey's duties. Dr. Chey spends 1.25 days per week in the general GI and IBS clinics during which he oversees the activities of a resident in Internal Medicine. In addition, he has spent 1.5 days per week performing endoscopic procedures in the Medical Procedures Unit during which he instructs one to two fellows in Gastroenterology. Dr. Chey also attends on the Inpatient Gastroenterology Service for three weeks and the Gastroenterology Consult Service for three weeks per year during which he is responsible for teaching of GI fellows, Internal Medicine House Officers, and third- and fourth-year medical students. He also regularly participates in Internal Medicine Morning Report, Ambulatory Medicine Rotation Report, Intern's Report, and Internal Medicine Noon Conference. Further, as Director of the Gastrointestinal Physiology Laboratory, Dr. Chey frequently provides one on one instruction to GI fellows from the University of Michigan as well as other institutions interested in learning how to interpret motility tests performed by the laboratory.

Dr. Chey is a gifted and effective teacher. He has the unique ability to present complex subject matters in a simplified and lucid manner. At the University of Michigan, Dr. Chey's skills as a teacher and mentor have been acknowledged by the "Excellence in Teaching" award from the GI Fellowship Class of 2003, "Excellence in Mentorship" award from the Fellowship Class of 2005, and a stipend for teaching excellence from the Department of Internal Medicine in 2003-04 and 2004-05. He has served as a mentor for ten Internal Medicine residents and five fellows or junior faculty in Gastroenterology. Outside of the University of Michigan, Dr. Chey is a highly sought speaker at national post-graduate courses. Because of his outstanding communication skills, Dr. Chey has been regularly invited to speak at national GI meetings such

as Digestive Diseases Week, the Annual Meeting of the American College of Gastroenterology, and the International Foundation of Functional GI Disorders. Dr. Chey has been invited as a visiting professor or visiting lecturer over 40 times since being promoted to Associate Professor in 2001. He has served as course director or co-director for 25 local and national CME events. He recently served as course co-director of the American Gastroenterological Association's Clinical Congress in 2005 and has been invited to serve as the course co-director of the American College of Gastroenterology's Regional Postgraduate Course in June of 2007. He will also serve as the course director of the Young Investigator's Meeting of the Functional Brain Gut Research Group in March, 2007.

Research: Dr. Chey has developed an international reputation in his areas of research, *H. pylori* infection and functional bowel disorders. He is also considered an expert in clinical trial design. Dr. Chey has a long established interest in the diagnosis and treatment of *H. pylori* infection, the most important cause of peptic ulcer disease. His 2001 publication about the effects of intragastric pH on the reliability of urea breath test in the diagnosis of *H. pylori* infection has great clinical importance. This publication has led to improvement in commercial test kits. His most recent work on salvage therapy for *H. pylori* infection clearly indicates that levofloxacin-based triple therapy is the treatment of choice for persistent *H. pylori*. This treatment option will be highlighted in the updated management guideline on *H. pylori* infection offered by the American College of Gastroenterology. Dr. Chey has made equally important contributions in the area of functional bowel disease. This group of disorders represents one of the most important areas in clinical gastroenterology as these patients account for more than 50% of cases seen by a practicing gastroenterologist. Currently, there are no specific tests for functional bowel disease and its diagnosis is based on clinical criteria. Through his research work and publications, Dr. Chey has emerged as one of a handful of thought leaders in this field. In another important clinical study, Dr. Chey provided the first comprehensive, evidence-based evaluation of the utility of diagnostic testing in patients meeting symptom-based criteria for IBS. This study identified the potential importance of celiac testing in patients with non-constipated IBS and served as the backbone for the recommendations provided by the American College of Gastroenterology in 2002 regarding diagnostic testing in patients with suspected IBS. As a result of these and other contributions, Dr. Chey was invited to be a key member of the Rome Committee on functional GI disorders whose periodic recommendations are embraced by clinicians, academics, and regulatory officials as the "gospel" for functional GI disorders. Dr. Chey's involvement and authorship of the 2006 Rome III document is a testimony of the international recognition he has gained as a scholar of functional bowel disorders. Inclusion in this committee is by invitation only and based upon contributions to the field.

Recent and Significant Publications:

Irvine EJ, Whitehead W, Chey WD, Matsueda K, Shaw M, Talley NJ, Veldehuyzen van Zanten S: Rome III: Design of treatment trials. *Gastroenterol* 130:1538-1551, 2006.

Longstreth G, Thompson WG, Chey WD, Houghton L, Mearin F, Spiller R: Rome III: Functional Bowel Disorders. *Gastroenterology* 130:1480-1491, 2006.

Saad R, Schoenfeld P, Chey WD: Levofloxacin triple or PPI quadruple salvage therapy for persistent *Helicobacter pylori* infection: Results of a meta-analysis. Am J Gastroenterol 101:488-496, 2006.

Cash BD, Schoenfeld P, Chey WD: The utility of diagnostic tests in irritable bowel syndrome patients: A systematic review. Am J Gastroenterol 97:2812-2819, 2002.

Chey WD, Olden K, Carter E, Boyle J, Drossman D, Chang L: Utility of the Rome I and Rome II criteria for IBS in US women. Am J Gastroenterol 97:2803-2811, 2002.

Service: Dr. Chey is the Director of the GI Physiology Laboratory of the University of Michigan Health System. This is a full service clinical laboratory with three full-time technicians that provide an array of functional and motility tests of the GI tract. This laboratory serves as a resource for the University community and Southeast Michigan. In his role as director, Dr. Chey is responsible for day-to-day operations of the laboratory. During his tenure, the number of tests offered and annual procedures performed has steadily grown.

Dr. Chey is one of the co-founders of the Michigan Bowel Control Program (MBCP). The MBCP is a multi-disciplinary group composed of individuals from Colorectal Surgery, Urogynecology, Gastroenterology, and Physical Therapy who are devoted to the care of patients with fecal incontinence and constipation. The MBCP is the only such program in the State of Michigan and one of only a few such programs in the United States.

As evidence of his strong commitment to national organizational service, Dr. Chey has assumed leadership roles in all three national GI organizations. He has played a pivotal role in leading national committees on assessing the educational needs of U.S. clinical gastroenterologists and developing clinical training programs at national meetings. He has performed in an exemplary fashion and was recently elected to chair the Clinical Practice Section of the AGA, the largest group within this organization. This is a rare honor for a person at Dr. Chey's stage of career development.

Professional Work: Dr. Chey's patient care responsibilities include: clinic one day per week at Brighton Health Center, clinic one-half day every six weeks at East Ann Arbor Health Center devoted to the care of patients with functional bowel diseases, one and a half days per week of endoscopy at the Medical Procedures Unit in the University Hospital and the East Ann Arbor Ambulatory Surgery and Medical Procedures Center. Dr. Chey is widely considered by his peers as an authority in the management of functional bowel disorders. He is an outstanding clinician with a large referral base. In recognition of his clinical skills, Dr. Chey has been selected for the "Best Doctors in America" directory and in "America's Top Physicians."

#### External Review:

Reviewer A: "He has the unique ability for delivering excellent clinical care, is a passionate teacher, and has concentrated his research in helping better define the accuracy and utility of tests and treatments for common GI disorders."

Reviewer B: "...Dr. Chey was a member of the premier international group, The Rome III Convention, which defined the diagnostic criteria for functional bowel disorders culminating in

both a book and a high level publication in *Gastroenterology* that was published in the summer of 2006. This represents the cutting edge thinking on functional bowel disorders and that Dr. Chey was included amongst the authorships speaks volumes regarding his recognition amongst his peer group.”

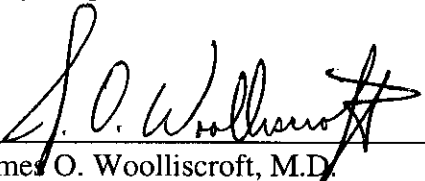
Reviewer C: “I can safely say that Dr. Chey’s name is one of the first mentioned every time a special committee, sub-committee, or focus group is being organized by one of our major associations.”

Reviewer D: “As a popular speaker and effective educator, Bill always receives the highest evaluations from attendees. It is unique for a single individual to be so effective as a clinician, productive as an investigator and successful as an educator and mentor.”

Reviewer E: “...Dr. Chey has a national reputation for academic excellence, and has demonstrated continued excellence in education and research over the past five years since his last promotion. He is a highly respected clinical investigator who is significantly influential in the field. He is an effective, enthusiastic and devoted educator. He has been elected to senior national offices in major scientific societies where he has provided distinguished service.”

Summary of Recommendation:

Dr. William Chey embodies the finest principles of academic medicine. He is a highly gifted and productive investigator who has achieved international recognition for his contributions to the field of *Helicobacter pylori* infection and functional bowel disorders. Dr. Chey is an outstanding teacher and accomplished clinician. I am very pleased to recommend Dr. Chey for promotion to Professor of Internal Medicine.

  
James O. Woolliscroft, M.D.  
Interim Dean  
*Lyle C. Roll Professor of Medicine*

May 2007