

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN MEDICAL SCHOOL
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

R. Kevin Reynolds, M.D., Associate Professor of Obstetrics and Gynecology, with tenure, Department of Obstetrics and Gynecology, Medical School, is recommended for promotion to Professor of Obstetrics and Gynecology, with tenure, Department of Obstetrics and Gynecology, Medical School.

Academic Degrees:

M.D.	1982	University of New Mexico
B.S.	1978	Stanford University

Professional Record:

1998-Present	Associate Professor of Obstetrics and Gynecology, University of Michigan
1991-1998	Assistant Professor of Obstetrics and Gynecology, University of Michigan
1988-1991	Lecturer, Department of Obstetrics and Gynecology, University of Michigan

Summary of Evaluation:

Teaching: Over the course of his career, Dr. Reynolds has been involved in the education of medical students, residents, fellows, and practicing physicians. He has earned teaching awards in every hospital in which he has practiced, most recently receiving a Token of Appreciation from Medical Students (TAMS) Award. His teaching evaluations are consistently excellent. Data recently presented on teaching outcomes as measured by performance of our residents on the CREOG in-service examination for the last nine years show that the highest overall performance for residents in our program is in the oncology section of the exam, which is at least due in part to the quality of their instruction. Dr. Reynolds has done the majority of the formal instruction in this area and he is responsible for the administration of the oncology curriculum. He has also been involved with administration of other education programs in the Department, within the University Hospital, and in national specialty organizations. Dr. Reynolds has been responsible for the development and leadership of the Fellowship Advisory Committee for the Department of Obstetrics and Gynecology. One of the important roles of the committee has been the creation of a unified academic career development curriculum for the fellows in all nine post-doctoral fellowship programs in the Department. This curriculum has drawn national interest at the most recent annual meeting of the Association of Professors of Gynecology and Obstetrics. In May, 2007, he was an invited lecturer at the 12th Annual Taiwan Joint Cancer Conference, the 6th Cross-Strait Academic Conference on Oncology, Kaohsiung Veterans General Hospital and National Yang-Ming Medical University, Tri-Service General Hospital and National Defense Hospital and Medical School in Taiwan.

Research: Dr. Reynolds' scholarly focus has been on surgical technique development for the treatment of gynecologic malignancies, translational research for medical treatment of gynecologic malignancies and surgical education which is discussed in more detail in the Professional Work section below.

Recent and Significant Publications:

Reynolds RK, Advincula AP: Robot-assisted laparoscopic hysterectomy: Technique and initial experience. *Am J Surg* 191: 555-60, 2006.

Greer B, Koh W-J, Abu-Rustum N, Bookman MA, Bristow RE, Campos S, Cho KR, Copeland L, Eifel P, Jaggernauth W, Jhingran A, Kapp DS, Kavanagh J, Lipscomb GH, Lurain JR III, Morgan RJ, Nag S, Partridge EE, Powell CB, Remmenga SW, Reynolds RK, Small W, Soper J, Teng N: Endometrial Cancer: Clinical practice guidelines in oncology. *J National Comprehensive Cancer Network* 5 (5): 438-462, 2006.

Reynolds RK, Burke WM, Advincula AP: Preliminary experience with robot-assisted laparoscopic staging of gynecologic malignancies. *JSLG* 9: 149-158, 2005.

Advincula AP, Song A, Burke WM, Reynolds RK: Preliminary experience with robot-assisted laparoscopic myomectomy. *J Am Assoc Gynecol Laparosc* 11: 511-518, 2004.

Reynolds RK, Hu C, Baker VV: Transforming growth factor alpha and insulin-like growth factor-I, but not epidermal growth factor, elicit autocrine stimulation of mitogenesis in endometrial cancer cell lines. *Gynecol Oncol* 70: 202-209, 1998.

Service: Dr. Reynolds was a founding member and continues to serve on the Uterine, Cervical Cancer, and Cervical Cancer Screening Committees for the National Comprehensive Cancer Network, which is a national organization of NCI-approved Comprehensive Cancer Centers with a commitment to develop evidence-based clinical guidelines for treatment of cancers and associated symptom management. Dr. Reynolds' clinical contributions to this committee have impacted treatment decisions and policy on a national level. Each guideline is developed and subsequently updated on an annual basis by each committee comprised of gynecologic oncologists, medical oncologists, radiation oncologists, and pathologists. These guidelines are widely used clinically and are often referred to for policy development and resource allocation by health care policy makers and insurers. Dr. Reynolds is an active member of numerous national organizations including the Society of Gynecologic Oncologists, American College of Surgeons, American College of Obstetricians and Gynecologists, American Association for Cancer Research, American Society of Clinical Oncology and American Society for Colposcopy and Cervical Pathology. He has served on a number of committees in these organizations. In addition, he serves as an ad hoc reviewer for *Cancer*, *Gynecologic Oncology*, *Journal of Clinical Oncology*, *International Journal of Gynecological Cancer* and *Obstetrics and Gynecology*. He is also the series editor for Surgery and Technology in the *International Journal of Gynecology and Obstetrics*.

Professional Work: Dr. Reynolds' contribution to the development of surgical treatment of gynecologic malignancies stems from the pioneering work by Dr. Advincula and himself on the development of minimally invasive surgical techniques using robot-assisted laparoscopy, conventional laparoscopy, and other minimally invasive surgery. They were the first to publish techniques and outcomes data for robotic staging procedures, hysterectomy, and myomectomy procedures. Their data were utilized by the FDA for procedure-specific approval of the daVinci robotic system for gynecology procedures and their experience is widely quoted in the gynecology and gynecologic oncology disciplines. Dr. Reynolds was the sole author of the first eight editions and author of all but one chapter in the 9th edition of "Overview of Gynecologic Oncology" published by the University of Michigan in January, 2007. This popular handbook for clinical

gynecologic oncology is known as the “Blue Book” and is used by fellows, residents, and medical students at the University of Michigan, St. Joseph Mercy Hospital and a number of other institutions ranging from Germany to Alaska.

External Review:

Reviewer A: “Clinically, he has been at the forefront of adopting robotic surgical technology to gynecologic indications....I would consider him to be well ‘ahead of the field’ in this area....His invited lecture/speaker list is impressive at local and national levels and is indicative of a career-long commitment to sharing clinical knowledge with others....Dr. Reynolds has won teaching awards in 1993, 1994, 1995, 1998, 2003, 2004 and 2007. Few clinicians have such a consistent demonstration of teaching effort....He represents the academic core of exceptional and creative clinical care, research collaboration and medical education that make medical schools and departments work.”

Reviewer B: “He’s published some of the clearest, and in my opinion, most helpful papers on the use of robot-assisted laparoscopic procedures in gynecology.”

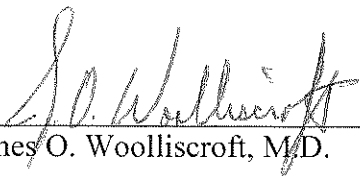
Reviewer C: “He has made significant contributions to the literature. Currently he is one of the leaders in the robotic assisted minimally invasive surgery.”

Reviewer D: “Dr. Reynolds ranks above his peers by the fact that he is the chief of an important Division of Gynecologic Oncology, in a prestigious medical school with a fellowship program training gynecologic oncologists....He has emphasized collaboration and research in clinical trials and education of surgical techniques where he has superior talent. His involvement in the national peer review process is excellent, particularly his involvement in the National Comprehensive Cancer Network for the development of practice guidelines.”

Reviewer E: “He is well known for his research interests in the development of surgical techniques for treatment of gynecologic malignancies, as well as translational research in gynecologic malignancies....He has been a leader in the development of robotic surgery in gynecologic oncology....Dr. Reynolds is known nationally as a strong clinician and educator.”

Summary of Recommendation:

Dr. Reynolds is a national leader in the area of gynecologic oncology and robotic-assisted laparoscopic procedures in gynecology. He can confidently be expected to further his research and clinical contributions enhancing his reputation and that of the Department of Obstetrics and Gynecology and the University of Michigan Health System. I am pleased to recommend Dr. Reynolds for promotion to Professor of Obstetrics and Gynecology.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2008