

May 17, 2007

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

Dan I. Lebovic, M.D., Assistant Professor of Obstetrics and Gynecology, Department of Obstetrics and Gynecology, Medical School, is recommended for promotion to Associate Professor of Obstetrics and Gynecology, with tenure, Department of Obstetrics and Gynecology, Medical School.

Academic Degrees:

M.D.	1992	George Washington University
M.A.	1988	University of California, Berkeley
A.B.	1987	University of California, Berkeley

Professional Record:

2002-Present	Assistant Professor of Obstetrics and Gynecology, University of Michigan
2000-2002	Lecturer, Department of Obstetrics and Gynecology, University of Michigan
1999-2000	Adjunct Assistant Professor of Obstetrics and Gynecology, University of California, San Francisco
1998-1999	Clinical Instructor of Obstetrics and Gynecology, University of California, San Francisco

Summary of Evaluation:

Teaching: Since joining the faculty in 2000, Dr. Lebovic has had extensive involvement in the educational activities of fellows, house officers, and medical students. He is regularly involved in the house officer didactic sessions. In 2002, he wrote a reproductive endocrinology and infertility (REI) handbook that is given to all house officers and third-year students during their obstetrics/gynecology rotation. Over the past year this handbook has been published and distributed across the United States to the REI community. Over the past three years, he has served as the Assistant Residency Program Director and Resident Research Coordinator. His responsibilities include reviewing each house officer research plan and assisting with identification of appropriate research mentors. In order to facilitate resident research projects, he designed a web page with several resources for the house officers. In 2004, Dr. Lebovic designed and wrote a Reproductive Sciences Longitudinal Case for the first-year class. He regularly lectures to the second-year class and is part of the ongoing rotation of lecturers for the ob/gyn clerkship. He currently has a University of Michigan undergraduate student and third-year student involved in his research projects. In addition, he is mentoring a current second-year REI fellow through his T-32 project in his laboratory. In recognition of his outstanding teaching, Dr. Lebovic was selected by the house staff to receive the 2002 and 2006 Council on Resident Education in Obstetrics and Gynecology (CREOG) National Faculty Award for Excellence in Resident Education. Because of Dr. Lebovic's strong interest in medical education, he

completed the Medical Education Scholar's Program in the Department of Medical Education from 2003-2004.

Research: During his reproductive endocrinology and infertility fellowship at the University of California, San Francisco his research focused on the immunobiology of endometriosis. While human tissue samples were utilized, the hypotheses tested were applied within an *in vitro*, basic science framework. This led to several papers and presentations and, ultimately, successful federal research funding through a K23 award from the NICHD to study translational clinical trials in the field of endometriosis with related basic science pathophysiology investigation. He has expanded the immune biology findings into translational research (K23, GCRC) projects while still pursuing basic mechanisms and animal models of the disease. Contemporaneous to the K23 studies, he utilized collaborative resources in Kenya in a non-human primate model (baboon) of endometriosis to test a novel immunomodulatory drug that is currently FDA-approved for diabetes treatment. The results are favorable and are in the process of being submitted for publication. He is applying for independent NIH research support via an R-grant for further work utilizing this baboon model of endometriosis. His other collaborative efforts, apart from the aforementioned Kenyan experience, include endometriosis projects with the Medical College of Wisconsin, University of Texas Health Science Center at San Antonio, Berne Switzerland, Lubeck Germany, University of Michigan Dental School, and RIGEL Pharmaceuticals. His other research interests have concentrated on office-based procedures of manual vacuum aspiration and minimally invasive surgery (office hysteroscopy, laparoscopic tubal reversals). He is a co-investigator for an RO3 award submitted for review in 2006 based on assessing the incidence rate of intrauterine adhesions with the manual vacuum aspiration procedure as compared with the conventional dilatation and curettage. In addition, he is a co-investigator with the Endocrine Division (Internal Medicine) for a GCRC-sponsored study of non-alcoholic fatty liver disease in polycystic ovary syndrome.

#### Recent and Significant Publications:

Kavoussi S, Mueller MD and Lebovic DI: Expression of Mannose-Binding Lectin in the peritoneal fluid of women with and without endometriosis. *Fertility and Sterility* 85:1526-1528, 2006.

Pritts EA, Ryan IP, Mueller MD, Lebovic DI, Shifren JL, Zaloudek CJ, Korn AP, Darney PD and Taylor RN: Angiogenic effects of Norplant contraception on endometrial histology and uterine bleeding. *Journal of Clinical Endocrinology and Metabolism* 90:2142-2147, 2005.

Lebovic DI, Chao VA and Taylor RN: Peritoneal macrophages induce RANTES (Regulated on Activation, Normal T Cell Expressed and Secreted) chemokine gene expression in endometrial stromal cells. *Journal of Clinical Endocrinology and Metabolism* 89:1397-1401, 2004.

Lebovic DI, Kir M and Casey CL: Peroxisome proliferator-activated-receptor-gamma induces regression of endometrial explants in a rat model of endometriosis. *Fertility and Sterility* 82:1008-1013, 2004.

Lebovic DI, Baldocchi RA, Mueller MD and Taylor RN: Altered expression of a cell-cycle suppressor gene, Tob1, in endometriotic cells by cDNA array analyses. *Fertility and Sterility* 78:849-854, 2002.

Service: Dr. Lebovic is a Fellow of the American College of Obstetricians and Gynecologists (ACOG). He achieved certification by the American Board of Obstetrics and Gynecology in 2000 and as a subspecialist in Reproductive Endocrinology and Infertility in 2002. Departmentally, Dr. Lebovic serves as Assistant Residency Program Director and Co-Director of the University of Michigan Endometriosis Center. He serves on the Ob/Gyn Residency Advisory Committee, Executive Research Committee, Medical Student Advisory Committee, and as a clinical consultant on the Reproductive Sciences Program NIH T-32. He is an ad hoc reviewer for numerous peer-reviewed journals including the *American Journal of Obstetrics and Gynecology*, *International Journal of Gynecology and Obstetrics*, *Obstetrics and Gynecology*, *Fertility and Sterility*, *Molecular Human Reproduction*, *Gynecologic and Obstetric Investigation*, and *Therapy*. Dr. Lebovic is an active member of numerous prestigious professional societies including the Society for Gynecologic Investigation, American Society for Reproductive Medicine, and World Endometriosis Society. He is currently serving as the American Society of Reproductive Medicine (ASRM) Reproductive Immunology Special Interest Group (RISIG) Secretary and, in 2007 and 2008, will serve as President and Program Chair of RISIG, respectively. In addition, he serves on various program committees, abstract selection committees and prize poster/paper selection committees for professional societies. He served as an ad hoc reviewer for a NICHD Special Emphasis Panel in 2004 and again in 2005 for a UO1 endometriosis grant. In December 2006, Dr. Lebovic participated in the review of 14 U54 grant applications for the NIH/NICHD submitted in response to an RFA entitled *Specialized Cooperative Centers Program in Reproduction and Infertility Research*. He has been invited to give 15 national presentations and one international talk (2005).

Professional Work: Dr. Lebovic's clinical expertise is in reproductive endocrinology and infertility, with a special interest in endometriosis and minimally invasive surgery. He is part of the Minimally Invasive Surgery Fellowship faculty. He has been instrumental in bringing flexible office hysteroscopy to the clinic which is now used routinely as part of a Wednesday morning hysteroscopy/imaging clinic as well as in the off-site REI office at Briarwood for uterine cavity evaluation. In 2005, he led a CME laboratory in hysteroscopic skills. In 2005, he went to Montreal to gain expertise in the performance of laparoscopic tubal reversal procedures which he now performs at the University of Michigan.

External Review:

Reviewer A: "...Dan has made significant contributions and is well funded with federal grants and the esteemed Berlex Scholar Award in Clinical Research."

Reviewer B: "He is known internationally as an expert in this field...He has had an enormously positive effect on attracting and steering a pipeline of enthusiastic young physicians into ob/gyn residencies and REI fellowship programs."

Reviewer C: "Based on his credentials, it is more than obvious that Dr. Lebovic represents the classic 'triple-threat' of academic medicine....He has clearly established a

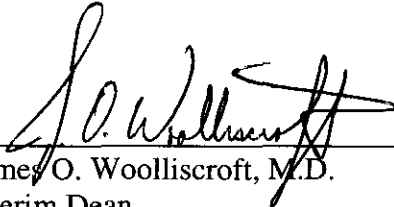
professional niche in the area of Reproductive Endocrinology and the treatment of endometriosis and ranks at the highest level for this type of clinical research....His extensive research track record, commitment to education and national prestige puts him on an academic trajectory that few enjoy.”

Reviewer D: “...Dr. Lebovic has succeeded in striking a productive balance of translational research, teaching, and clinical practice, and that accomplishment is most uncommon in my experience.”

Reviewer E: “Dr. Lebovic’s work has influenced and changed our understanding of the role of cytokines in endometriosis....Dr. Lebovic is clearly on his way to become a leader in translational research involving endometriosis and other hormonal gynecological disorders.”

Summary of Recommendation:

Dr. Lebovic has proven to be an extremely capable surgeon, teacher and researcher. It is anticipated that he will continue his outstanding academic and scholarly pursuits and further enhance his valuable contributions to the Department of Obstetrics and Gynecology and the University of Michigan Health System. I am pleased, therefore, to recommend him for promotion to Associate Professor, with tenure, in the Department of Obstetrics and Gynecology.

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

May 2007