

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF SURGERY

Approved by the Regents  
May 14, 2009

Jeffrey D. Punch, M.D., associate professor of surgery, with tenure, Department of Surgery, Medical School, is recommended for promotion to professor of surgery, with tenure, Department of Surgery, Medical School.

Academic Degrees:

M.D.	1986	University of Michigan (Magna Cum Laude)
B.A.	1984	University of Michigan, Integrated Premedical-Medical Program (Inteflex)

Professional Record:

2001-present	Associate Professor of Surgery, University of Michigan
1994-2001	Assistant Professor of Surgery, University of Michigan,
1992-1994	Lecturer, Department of Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Punch teaches undergraduate research students, medical students, residents, fellows, post-doctoral research fellows, physician assistants, nurse practitioners, transplant coordinators, and physicians. He lectures M2 students on the subject of Multidisciplinary GI sequence. He gives didactic lectures to third- and fourth-year medical students, residents and fellows who rotate on the transplant service on topics such as liver masses. He participates in weekly teaching conferences, at bedside and intra-operative teaching of students, residents and fellows. He reviews their oral presentations and progress notes on the inpatient floor and in clinic settings. He is their instructor in the operating rooms. Dr. Punch's teaching activities amount to more than 700 hours per year and approximately 150 students are the recipients of his talent and knowledge. He mentors residents about their career options and research opportunities. Transplant fellows are continuously supervised and assist with performing transplant procedures and donor recoveries in the operating room. Review and evaluation of their work is also done in the clinic setting. Didactic lectures are part of their teaching plan. Dr. Punch is the recipient of the 2001 William W. Coon Award presented by the residents to the general surgery faculty member who best demonstrates that combination of clinical skill, concern for patients, and commitment to the education and well-being of residents. Dr. Punch participates with planning the annual CME course related to kidney and liver transplantation. This course is attended by approximately 200 physicians, physician assistants and nurses. He has served an important leadership role as director of education, Division of Transplantation from 1994-2000. Contributions in the area of education are nationally and internationally recognized by his numerous extramural invited presentations. He also lectures to the general public and patient groups on topics such as transplant ethics and organ donation.

Research: Dr. Punch is nationally recognized as an accomplished academician in transplant research. His academic contributions are clinical research aimed at improving clinical immunosuppression strategies, organ donation systems and transplant program finances. He has been the principal investigator on numerous multi-center studies of clinical immunosuppression. Dr. Punch devised a novel method of recovering organs from individuals that are declared dead by cardiac criteria (donation after cardiac death) utilizing extra-corporeal membrane oxygenation (ECMO). This unique work has received much international attention and is considered critical to the field of transplantation. Recent research publications describe the effects of steroid avoidance in liver transplantations, using ECMO for organ donors and how cost is associated with the improvement of transplant opportunities. His seminal advances with this research have been presented at national meetings and conferences and have been well received. Dr. Punch has 80 peer-reviewed publications in journals such as *American Journal of Transplantation*, *Liver Transplantation* and *Transplant Proceedings* and 11 book chapters. Dr. Punch received the American Liver Foundation Appreciation Award in 2005. As principal investigator, Dr. Punch has received over one million dollars in grant support for clinical trials, funded by the National Institutes of Health/Immune Tolerance Network, Astellas, Novartis, Roche, and ViroPharma, Inc. He has been a principal investigator or co-PI on over 25 grants in the past 19 years. He has 46 extramural invited lectures and has made numerous other national and international presentations. Dr. Punch is on the editorial board of *Surgery News*, *Transplantation Index and Review* and *Transplantation Journal*. He is an ad hoc reviewer for a wide variety of major journals, including *Surgery*, *Transplantation*, *Journal of Clinical Investigations*, *Graft*, *American Journal of Transplantation*, *Liver Transplantation*, and *Archives of Pediatrics & Adolescent Medicine*. Dr. Punch serves on the abstract review committee for the American Society of Transplant Surgeons.

#### Recent and Significant Publications:

Englesbe MJ, Ads Y, Cohn JA, Sonnenday CJ, Lynch R, Sung RS, Pelletier SJ, Birkmeyer JD, Punch JD: The effects of donor and recipient practices on transplant center finances. *Am J Transplant* 8:586-92, 2008.

Punch JD, Hayes DH, LaPorte FB, McBride V, Seely MS: Organ donation and utilization in the United States, 1996-2005. *Am J Transplant* 7:1327-1338, 2007.

Freeman RB, Gish RG, Harper A, Davis GL, Vierling J, Lieblein L, Klintmalm G, Blazek J, Hunter R, Punch J: Model for end-stage liver disease (MELD) exception guidelines: results and recommendations from the MELD exception study group and conference (MESSAGE) for the approval of patients who need liver transplantation with disease not considered by the standard MELD formula. *Liver Transpl* 12: Suppl 3: 128-136, 2006.

Pelletier SJ, Vanderwall K, Debroy MA, Englesbe MJ, Sung RS, Magee JC, Fontana RJ, Punch JD: Preliminary analysis of early outcomes of a prospective, randomized trial of complete steroid avoidance in liver transplantation. *Transplant Proc* 37: 1214-1216, 2005.

Gravel MT, Arenas JD, Chenault II R, Magee JC, Rudich S, Maraschio M, DebRoy M, Miller W, Punch JD: Kidney transplantation from organ donors following cardiopulmonary death using extracorporeal membrane oxygenation support. *Annals of Transplant* 9:57-58, 2004.

Service: Dr. Punch serves on several UMHS committees involving operations, evaluations and policies for transplantation of the kidney, pancreas and liver for adults and pediatrics. He is on the Operating Improvement Council and SACUA Medical Advisory Committee of which he served as chair for three years. Dr. Punch is nationally recognized for his leadership abilities and progress with the following organizations: United Network for Organ Sharing Board of Directors, Regional Review Board, and chair for two years; Scientific Advisory Board for Children's Liver Alliance for Support Services, American Society of Transplantation Abstract Review Committee, Organ Transplantation Association Advisory Board, Scientific Advisory Board Michigan Chapter of the American Liver Foundation, Gift of Life External Relations Committee, International Association for Organ Donation Board of Directors, OPTN/UNOS Membership Professional Standards Committee, and the Association of Organ Procurement Organizations Executive Committee. Dr. Punch is a member of numerous professional societies such as the American Medical Association, American College of Surgeons, Central Surgical Association, and the International Transplantation Society.

Professional Work: Dr. Punch's unique clinical expertise is surgical transplantation of the liver, kidney and pancreas. Dr. Punch has scheduled surgery time at the University of Michigan Hospital operating room three days per week. He is on call to receive donor organs on the average of two weeks every month. Weekly clinical activities for Dr. Punch take place at the University of Michigan Taubman Center. In the diverse field of being a transplant surgeon, Dr. Punch collaborates with medicine disciplines, including nephrology and gastroenterology. Dr. Punch became director of the Transplant Center at the University of Michigan in 2002. He has demonstrated his leadership abilities by directing this team of over 110 physician assistants, nurses, perfusionists, clerks, and finance consultants that support the University's eight solid organ transplant programs. He is a very successful and skillful surgeon in transplantation. Since 2001, Dr. Punch has served as chief for the division of Transplantation, currently leading ten general surgeons in daily administrative duties and care of transplant patients. He is the director of the Living Related Liver Transplant Program and served as the surgical director of the Liver Transplant Program. During his time as surgical director, the annual volume of the program grew by more than 30%. In 2006, Dr. Punch was inaugurated as the first Jeremiah and Claire Turcotte Professor in Transplantation Surgery.

External Review:

Reviewer A: "...he has been named Director of the Transplant Center. He has been an ad hoc reviewer on several journals, and his grant support is by way of multi-institutional trials for which Michigan is a center. He has numerous grants supported from the pharmaceutical industry."

Reviewer B: "Dr. Punch has been actively managing the Division of Transplantation administratively for the past eight years, a program that is well recognized for producing highly sought after trainees who are prepared in multi-organ abdominal transplantation....With respect

to organ allocation Dr. Punch has been an active contributor to UNOS and the national transplant community in policy development over the last five years.”

Reviewer C: “He has demonstrated an involvement of all levels including from the more important and often mundane aspects of national administration of the transplant system to the more clinically relevant studies in transplantation medicine. In terms of education he has created one of the premier transplant fellowship training programs in the United States.”


Reviewer D: “His major seminal advance has been the application of ECMO to donation after cardiac death, an area where his work broke new ground. These types of donors are becoming increasingly used in the field of liver transplantation, and work such as this is critical.”

Reviewer E: “He is extensively involved in both national and international issues surrounding organ allocation, setting standards of organ transplantation and creating new policies for organ transplantation. Dr. Punch is a highly accomplished academician, with numerous publications in peer-reviewed journals, many of which are scientifically critical and contribute heavily to pushing the frontier of transplantation.”

Reviewer F: “Many of his published articles are not only considered research articles but are a reference for the standard of clinical care...his contributions have impacted the practice of liver transplantation both nationally and internationally.”

Summary of Recommendation:

Dr. Jeffrey D. Punch is nationally and internationally recognized as an outstanding clinician and scientist in the area of liver, kidney and pancreas transplantation. He is dedicated to medical education and is an excellent role model and teacher. He is well respected by his colleagues and is committed to national service, research, and academic clinical care. Dr. Jeffrey D. Punch is strongly recommended for promotion to professor of surgery, with tenure, in the Department of Surgery.

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

May 2009