

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN MEDICAL SCHOOL
DEPARTMENT OF RADIOLOGY

Jon A. Jacobson, M.D., Associate Professor of Radiology, with tenure, Department of Radiology, Medical School, is recommended for promotion to Professor of Radiology, with tenure, Department of Radiology, Medical School.

Academic Degrees:

M.D.	1991	Wayne State University
B.S.	1987	Wayne State University

Professional Record:

2004-Present	Associate Professor of Radiology, University of Michigan
2001-2004	Clinical Associate Professor of Radiology, University of Michigan
1998-2001	Clinical Assistant Professor of Radiology, University of Michigan
1996-1998	Assistant Professor of Radiology, Case Western Reserve University
1995-1996	Clinical Instructor of Radiology, University of California, San Diego

Summary of Evaluation:

Teaching: Dr. Jacobson participates in all aspects of the radiology teaching program. He gives formal conferences to the radiology residents in rotation with other faculty and provides daily on-the-job teaching on the clinical service. His on-the-job contact with radiology residents is extensive as he works with residents on virtually all of his clinical assignments. He has similar contact with fellows in musculoskeletal radiology. He is also a regular participant in continuing medical educational programs.

The quality of Dr. Jacobson's teaching is outstanding. He consistently ranks at the top of radiology faculty for the quality of his teaching and, in 2003, 2005, and 2006 was awarded "excellence in teaching" by the radiology residents at their year-end banquet. In 2000 he was recognized by the radiology residents as the "mentor of the year" and in 2006 the entire division of musculoskeletal radiology was selected as providing the best resident teaching of all the divisions within the department.

Dr. Jacobson has also been commended for the quality of his medical student teaching. In 2006 the medical students ranked him again in the top ten percent of faculty for the quality of his teaching. The Department of Radiology put on eight continuing education courses this past year. One of these was a course on musculoskeletal ultrasound in which Dr. Jacobson was the course director. The participants evaluate the quality of the talks at these courses, and Dr. Jacobson was among the ten faculty selected for having the highest evaluation scores among all eight department CME courses.

Research: Dr. Jacobson's research is focused in musculoskeletal radiology. Within this field he is internationally recognized for his work in musculoskeletal ultrasound. He has studied virtually every joint with ultrasound and is most noted for his work comparing ultrasound to magnetic resonance imaging and cadaveric sections for anatomic correlation. The high quality of his research is confirmed by his many publications in peer review journals as well as the external funding he has received.

Recent and Significant Publications:

Jacobson JA, Miller B, Morag Y: Golf and racquet sports injuries. *Seminars in Musculoskeletal Radiology* 9:346-359, 2005.

Jacobson JA, Lancaster S, Prasad A, van Holsbeeck M, Craig J, et al: Full-thickness and partial-thickness supraspinatus tendon tears: Value of US signs in diagnosis. *Radiology* 230:234-242, 2004.

Reynolds D, Jacobson JA, Inampudi P, Jamadar D, Ebrahim F, et al: Sonographic characteristics of peripheral nerve sheath tumors. *AJR* 182:741-744, 2004.

Roth C, Jacobson JA, Jamadar D, Caoili E, Morag Y, et al: Quadriceps fat pad signal intensity and enlargement on MRI: Prevalence and associated findings. *AJR* 182:1383-1387, 2004.

Inampudi P, Jacobson JA, Fessell D, Carlos R, Patel S, et al: Soft-tissue lipomas: Accuracy of sonography in diagnosis with pathologic correlation. *Radiology* 233:763-767, 2004.

Service: Dr. Jacobson provides a great deal of service to the University of Michigan and to the field of radiology. In the Department of Radiology, Dr. Jacobson is the director of the Division of Musculoskeletal Radiology. He is responsible for clinical services not only at University Hospital but also at the Ann Arbor VA and the University of Michigan Health Services. He personally established a clinical service of musculoskeletal ultrasound which included planning for the physical location, training the technologists, and coordinating patient scheduling.

Dr. Jacobson provides significant service to several national and international professional organizations and societies. He serves on the Musculoskeletal Radiology Committee of the American College of Radiology and has recently been appointed to the expert panel for appropriateness criteria. He is a member of the Scientific Program Committee as well as the Education Evaluation Sub-Committee of the American Roentgen Ray Society. He serves as chair of the Musculoskeletal Abstract Review Committee for the American Institute of Ultrasound of Medicine and is currently vice chair of the Musculoskeletal Ultrasound section. In 2005, Dr. Jacobson was selected to be an oral examiner for the American Board of Radiology, an honor accorded to only 24 musculoskeletal radiologists in the country.

Professional Work: Dr. Jacobson's clinical assignments are entirely within musculoskeletal radiology. These include assignments at the University Hospitals, Veterans Administration Hospital, and the University of Michigan Health Services. Approximately sixty percent of his time is spent on clinical service; ten percent devoted to administrative duties, ten percent is

externally funded for research, and twenty percent available for other teaching and research duties.

External Review:

Reviewer A: "...he received the *Radiology* Editor's Recognition Award for reviewing for many years prior to his appointment as an Associate Editor. These awards are given by the Editor to the top 10-12% of our some 900-1,000 yearly reviewers....Simply stated, Dr. Jacobson is one of 'the best!'"

Reviewer B: "Jon is one of the leaders in the area of musculoskeletal ultrasound. In my opinion, he is one of the top five in the world in this area of specialization....Dr. Jacobson is an internationally noted musculoskeletal radiologist who has been a star in all facets of academic radiology including clinical work, teaching, and research."

Reviewer C: "He is one of the premier musculoskeletal ultrasonographers in the world...Since his last major promotion, he has developed an international reputation for his ultrasound expertise."

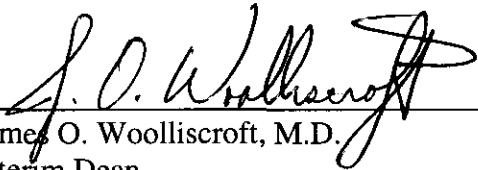
Reviewer D: "Dr. Jacobson is a superb clinical and academic radiologist who has great expertise and international renown in musculoskeletal radiology. He is one of the foremost authorities on musculoskeletal sonography, and is one of the few academic radiologists in this country who have fully embraced this technique. His many scientific articles and presentations are of the highest caliber."

Reviewer E: "The number of articles published by Dr. Jacobson in high impact peer reviewed radiological journals reflects his outstanding scholarship in the field of musculoskeletal imaging, especially MRI and ultrasound. Beyond a number of publications, Dr. Jacobson has performed some innovative prospective work on improving the accuracy and validity of MRI and ultrasound as imaging modalities in the investigation of musculoskeletal diseases."

Summary of Recommendation:

Jon A. Jacobson, M.D., is an exceptionally talented diagnostic radiologist. He is internationally recognized as a leader in musculoskeletal radiology and is especially noted for his pioneering work in musculoskeletal ultrasound. He is consistently ranked at the very top of radiology faculty by the residents for the quality of his teaching both in the formal conference setting as well as on the clinical service. He receives similarly high ratings from medical students and participants in continuing medical education programs. Thus, it is not surprising that he is a frequently invited speaker at national education programs. Although Dr. Jacobson has accomplished a great deal personally, he has been even more effective developing the division of musculoskeletal radiology. He is sought out by the radiology residents as a mentor and, on two occasions, residents working with him have received the Radiology Resident Research Award and, on one occasion, the young investigator bronze award from the World Federation of Ultrasound of Medicine and Biology. In summary, Dr. Jacobson excels in all three of the traditional spheres of medical school faculty activity. He is an outstanding clinical

radiologist who has developed a new clinical service; he is a gifted teacher who is consistently ranked among the top faculty in the Department of Radiology; and he is an accomplished investigator with an international reputation for the quality of his work. I am pleased, therefore, to recommend Dr. Jacobson for promotion to Professor of Radiology.



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

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