

James Purdy, Ph.D.

Clinical Interests	Dr. Purdy's research is directed toward image-based 3-D treatment planning and conformal radiation therapy (3DCRT), including the development and implementation of intensitymodulated radiation therapy (IMRT) and image-guided radiation therapy (IGRT). He is also involved in the development of international standards for the dose and volume specifications used in prescribing, recording and reporting radiation therapy results. Dr. Purdy is particularly interested in radiation oncology informatics, including the development of systems that can be used to receive, share and analyze volumetric multi-modality imaging, treatment planning, and verification (ITPV) digital data, which can be linked with clinical outcome data. He is an active participant in the Advanced Technology Clinical Trials Quality Assurance Consortium (ATC) supported by the National Cancer Institute (NCI).
Title	Professor Emeritus
Specialty	Cancer , Radiation Oncology , Radiology Physics
Department	Radiation Oncology
Division	Radiation Oncology
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	UC Davis Comprehensive Cancer Center, 4501 X St. Sacramento, CA 95817 Phone: 800-362-5566
Education	Ph.D., University of Texas, Austin, Austin, Texas, 1971 B.S., Lamar University, Beaumont, Texas, 1967 M.A., University of Texas, Austin, Texas, 1968
Board Certifications	American Board of Medical Physics, Radiation Oncology Physics, 2005 American Board of Radiology, Therapeutic Radiological Physics, 1976
Professional Memberships	American Association of Physicists in Medicine American College of Medical Physics American College of Radiology American Society of Therapeutic Radiology and Oncology Radiation Therapy Oncology Group

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Honors and Awards Fellow, inaugural group for American Society for Therapeutic Radiology and Oncology (ASTRO), 2006
The James A. Purdy Medical Physics Lecture was established by Washington University, Department of Radiation Oncology, 2003
American College of Radiology (ACR) Gold Medal, 2002
American Society for Therapeutic Radiology and Oncology (ASTRO) Gold Medal, 2000
American Association of Physicists in Medicine (AAPM) William D. Coolidge Award for Distinguished Contributions to Medical Physics, 1997
American College of Medical Physics (ACMP) Marvin M.D. Williams Professional Achievement Award, 1996
Fellow, American College of Radiology, 1991
Fellow, American College of Medical Physics, 1990
Fellow, American Association of Physicists in Medicine, 1989

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