

# James Purdy, Ph.D.

<b>Clinical Interests</b>	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).
<b>Title</b>	Professor Emeritus
<b>Specialty</b>	<a href="#">Cancer</a> , <a href="#">Radiation Oncology</a> , Radiology Physics
<b>Department</b>	<a href="#">Radiation Oncology</a>
<b>Division</b>	Radiation Oncology
<b>Center/Program Affiliation</b>	<a href="#">UC Davis Comprehensive Cancer Center</a>
<b>Address/Phone</b>	UC Davis Comprehensive Cancer Center, 4501 X St. Sacramento, CA 95817 <b>Phone:</b> 800-362-5566
<b>Education</b>	Ph.D., University of Texas, Austin, Austin, Texas, 1971 B.S., Lamar University, Beaumont, Texas, 1967 M.A., University of Texas, Austin, Texas, 1968
<b>Board Certifications</b>	American Board of Medical Physics, Radiation Oncology Physics, 2005 American Board of Radiology, Therapeutic Radiological Physics, 1976
<b>Professional Memberships</b>	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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