

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
John M. Holland		Associate Professor of Radiation Oncology	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Carroll College, Helena, Montana	BA	1980-1984	Biology
Washington University School of Medicine, St. Louis, Missouri	MA/MD	1984-1989	Medicine
The Jewish Hospital of St. Louis, Washington University Medical Center	Internship	1989-1990	Internal Medicine
University of California at San Francisco	Residency	1990-1994	Radiation Oncology

A. Positions and Honors

- 1994-2001 Assistant Professor, Department of Radiation Oncology, Oregon Health & Science University (OHSU), Portland, OR
- 1998-present Residency Director, Department of Radiation Oncology, OHSU
- 2000-present Staff Physician, Radiation Oncology, Cancer Center of Southwest Washington Medical Center, Vancouver, WA
- 2001-present Associate Professor, Department of Radiation Oncology, OHSU
- 2005-present Staff Physician, Radiation Oncology, The Tuality/OHSU Cancer Center, Hillsboro, OR.

B. Selected Peer-reviewed Publications

- C.K. Hill, **J.M. Holland**, C.M. Chang-Liu, E.M. Buess, J.G. Peak and M.J. Peak. Human Epithelial Teratocarcinoma Cells (P3): Radiobiological Characterization, DNA Damage, and Comparison with Other Rodent and Human Cell Lines. Radiat. Res. **113**, 278-288 (1988).
- R. Higashikubo, **J.M. Holland** and J.L. Roti Roti. Comparative Effects of Caffeine on Radiation-and Heat-Induced Alterations in Cell-Cycle Progression. Radiat. Res. **119**, 246-260 (1989).
- J.M. Holland**, W.D. Wright, R. Higashikubo and J.L. Roti Roti. Effects of Irradiation on Nuclear Protein Synthesis in G2 Phase of the Cell Cycle. Radiat. Res. **122**, 197-208 (1990).
- J.M. Holland**, D.A. Trenkner, T.H. Wasserman and B. Fineberg. Plasmacytoma: Treatment Results and Conversion to Myeloma. Cancer **69** N 6, 1513-1517 (1992).
- M. Roach, III, B. Pickett, **J.M. Holland**, K.A. Zapotowski, D.L. Marsh and B.S. Tatera. The Role of the Urethrogram During Simulation for Localized Prostate Cancer. IJROBP **25**, 299-307 (1993).
- J.M. Holland** and P.S. Swift. Tolerance of Patients with Human Immunodeficiency Virus and Anal Carcinoma to Treatment with Combined Chemotherapy and Radiation Therapy. Radiology **193** N 1, 251-254 (1994).

7. D.M. Chinn, **J. Holland**, R.L. Crownover, and M. Roach. Potency Following High Dose 3-D Conformal Radiotherapy and the Impact of Prior Major Urologic Surgical Procedures in Patients Treated for Prostate Cancer. IJROBP **33** N 1, 15-22 (1995).
8. R.L. Crownover, **J. Holland**, A. Chen, R. Krieg, B. Young, M. Roach, and K. Fu. Flutamide Induced Liver Toxicity Inducing Fatal Hepatic Necrosis. IJROBP **34** N 4, 911-915 (1996).
9. M. Roach, D.M. Chinn, **J. Holland**, and M. Clarke. A Pilot Survey of Sexual Function and Quality of Life Following 3D Conformal Radiotherapy for Clinically Localized Prostate Cancer. IJROBP **35** N 5, 869-874 (1996).
10. M. Roach, P. Faillace-Akazawa, C. Malfatti, **J. Holland**, and H. Hricak. Prostate Volumes Defined by Magnetic Resonance Imaging and Computerized Tomographic Scans for Three-Dimensional Conformal Radiotherapy. IJROBP **35** N 5, 1011-1018 (1996).
11. M.Y. Kang, **J.M. Holland**, and K.R. Stevens, Jr. Cranial Neuropathy Following Curative Chemotherapy and Radiotherapy for Carcinoma of the Nasopharynx. The Journal of Laryngology & Otology **114**, 308-310 (2000).
12. K.T. Morris, C.M. Marquez, **J.M. Holland** and J.T. Vetto. Prevention of Local Recurrence after Surgical Debulking of Nodal and Subcutaneous melanoma Deposits by Hypofractionated Radiation. Ann Surg Oncol **7**, 680-684 (2000).
13. M.S. Slater, **J. Holland**, D.O. Faigel, B.C. Sheppard, and C.W. Deveney. Does Neoadjuvant Chemoradiation Downstage Esophageal Carcinoma? Am J Surg **181**, 440-444 (2001).
14. **J.M. Holland**, A. Arsanjani, B.J. Liem, S.C. Hoffelt, J.I. Cohen, and K.R. Stevens, Jr. Second Malignancies in Early Stage Laryngeal Carcinoma Patients Treated with Radiotherapy. The Journal of Laryngology & Otology **116**, 190-193 (2002).
15. B.J. Liem, **J.M. Holland**, M.Y. Kang, S.C. Hoffelt, and C.M. Marquez. Karnofsky Performance Status Assessment: Resident Versus Attending. Journal of Cancer Education **17**, 138-141 (2002).
16. E. Hansen, K. Panwala, **J. Holland**. Post-Operative Radiation Therapy for Advanced-Stage Oropharyngeal Cancer. The Journal of Laryngology & Otology **116**, 920-924 (2002).
17. S. C. Hoffelt, L.M. Marshall, M. Garzotto, A. Hung, **J. Holland**, and T. M. Beer. A Comparison of CT Scan to Transrectal Ultrasound-Measured Prostate Volume in Untreated Prostate Cancer. IJROBP **57**, 29-32 (2003).
18. J.M. Skoner, P.E. Andersen, J.I. Cohen, **J. Holland**, E. Hansen and M. K. Wax. Swallowing Function and Tracheotomy Dependence After Combined-Modality Treatment Including Free Tissue Transfer for Advanced-Stage Oropharyngeal Cancer. The Laryngoscope **113**, 1294-1298 (2003).
19. C.A. Canning, S. Gubbels, C. Chinn, M. Wax, J.M. Holland. Positron Emission Tomography Scan to Determine the Need for Neck Dissection after Chemoradiation for Head and Neck Cancer: Timing is Everything. The Laryngoscope **115**, 2206-2208 (2005).
20. S.G. Shiley, C.A. Hargunani, J.M. Skoner, **J.M. Holland**, M.K. Wax. Swallowing Function after Chemoradiation for Advanced Stage Oropharyngeal Cancer. Otolaryngol Head Neck Surg **134**, 455-459, (2006).

Principal Investigator/Program Director (Last, First, Middle):

21. A.Y. Hung, C.A. Canning, K.M. Patel, **J.M. Holland**, and L.A. Kachnic. Radiation Therapy for Gastrointestinal Cancer. Hematology/Oncology Clinics of North America **20**, 287-320, (2006).
22. P.R. Sanghvi, D.G.L. Kaurin, T.L. McDonald, **J.M. Holland**. Testicular Shielding in Low-Dose Total Body Irradiation. Bone Marrow Transplantation **39**, 247-248, (2007).