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Robert Malyapa, M.D., Ph.D.

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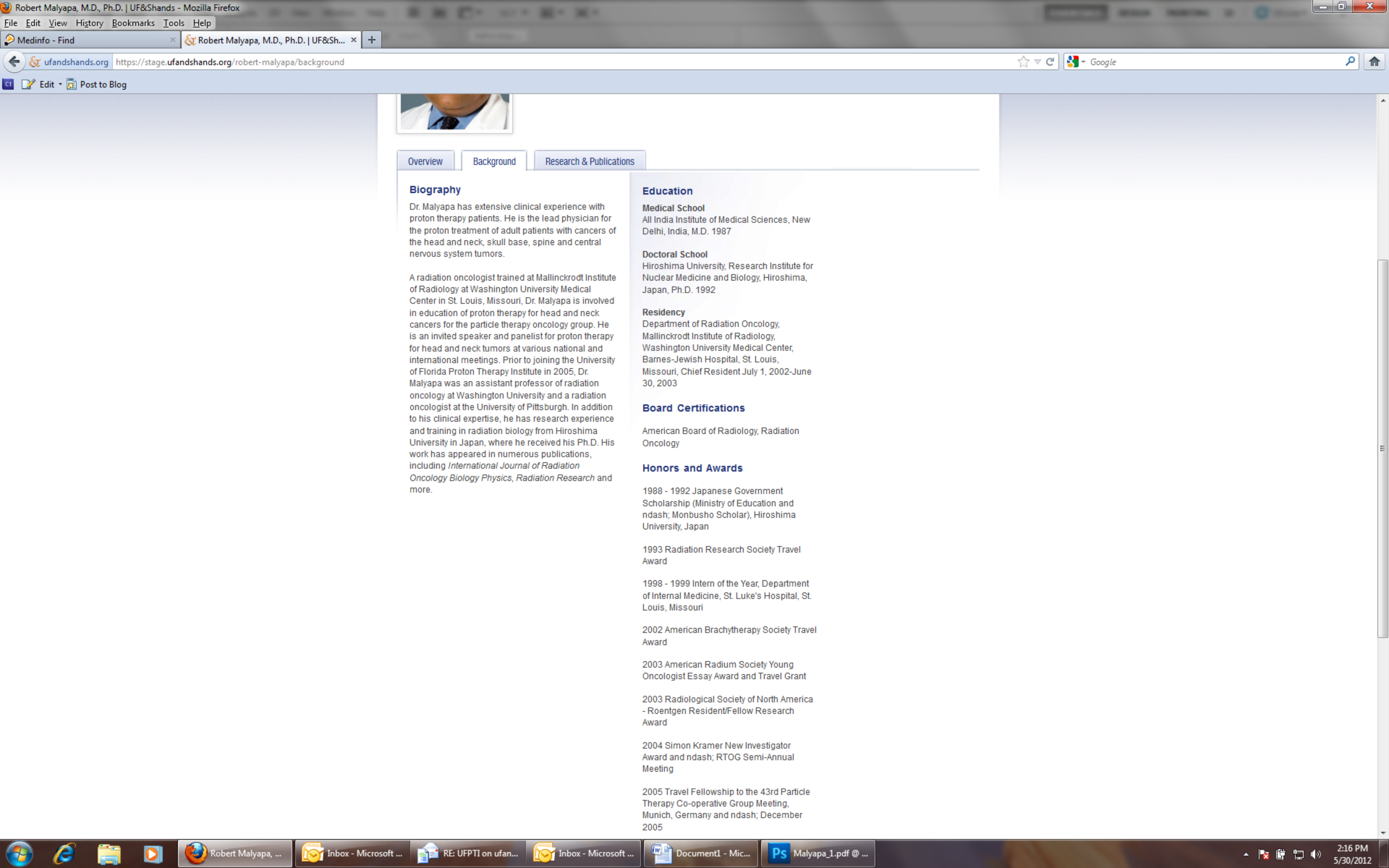
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Overview Background Research & Publications

Clinics / Practices
University of Florida Proton Therapy Institute
2015 North Jefferson Street
Jacksonville, FL 32206
MAP | DIRECTIONS

Languages Spoken
English

- Specialty**
Radiation Oncology
- Subspecialty**
- Clinical Interests**
- Cancer
 - Cancer - resources
 - Cancer - throat or larynx
 - Cancer treatment information
 - Head and Neck Cancer
 - Malignancy
 - Pituitary tumor
 - Proton therapy
 - Radiation therapy
 - Spinal tumor
 - Tumor



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Biography

Dr. Malyapa has extensive clinical experience with proton therapy patients. He is the lead physician for the proton treatment of adult patients with cancers of the head and neck, skull base, spine and central nervous system tumors.

A radiation oncologist trained at Mallinckrodt Institute of Radiology at Washington University Medical Center in St. Louis, Missouri, Dr. Malyapa is involved in education of proton therapy for head and neck cancers for the particle therapy oncology group. He is an invited speaker and panelist for proton therapy for head and neck tumors at various national and international meetings. Prior to joining the University of Florida Proton Therapy Institute in 2005, Dr. Malyapa was an assistant professor of radiation oncology at Washington University and a radiation oncologist at the University of Pittsburgh. In addition to his clinical expertise, he has research experience and training in radiation biology from Hiroshima University in Japan, where he received his Ph.D. His work has appeared in numerous publications, including *International Journal of Radiation Oncology Biology Physics*, *Radiation Research* and more.

Education

Medical School
All India Institute of Medical Sciences, New Delhi, India, M.D. 1987

Doctoral School
Hiroshima University, Research Institute for Nuclear Medicine and Biology, Hiroshima, Japan, Ph.D. 1992

Residency
Department of Radiation Oncology, Mallinckrodt Institute of Radiology, Washington University Medical Center, Barnes-Jewish Hospital, St. Louis, Missouri, Chief Resident July 1, 2002-June 30, 2003

Board Certifications

American Board of Radiology, Radiation Oncology

Honors and Awards

1988 - 1992 Japanese Government Scholarship (Ministry of Education and ndash; Monbusho Scholar), Hiroshima University, Japan

1993 Radiation Research Society Travel Award

1998 - 1999 Intern of the Year, Department of Internal Medicine, St. Luke's Hospital, St. Louis, Missouri

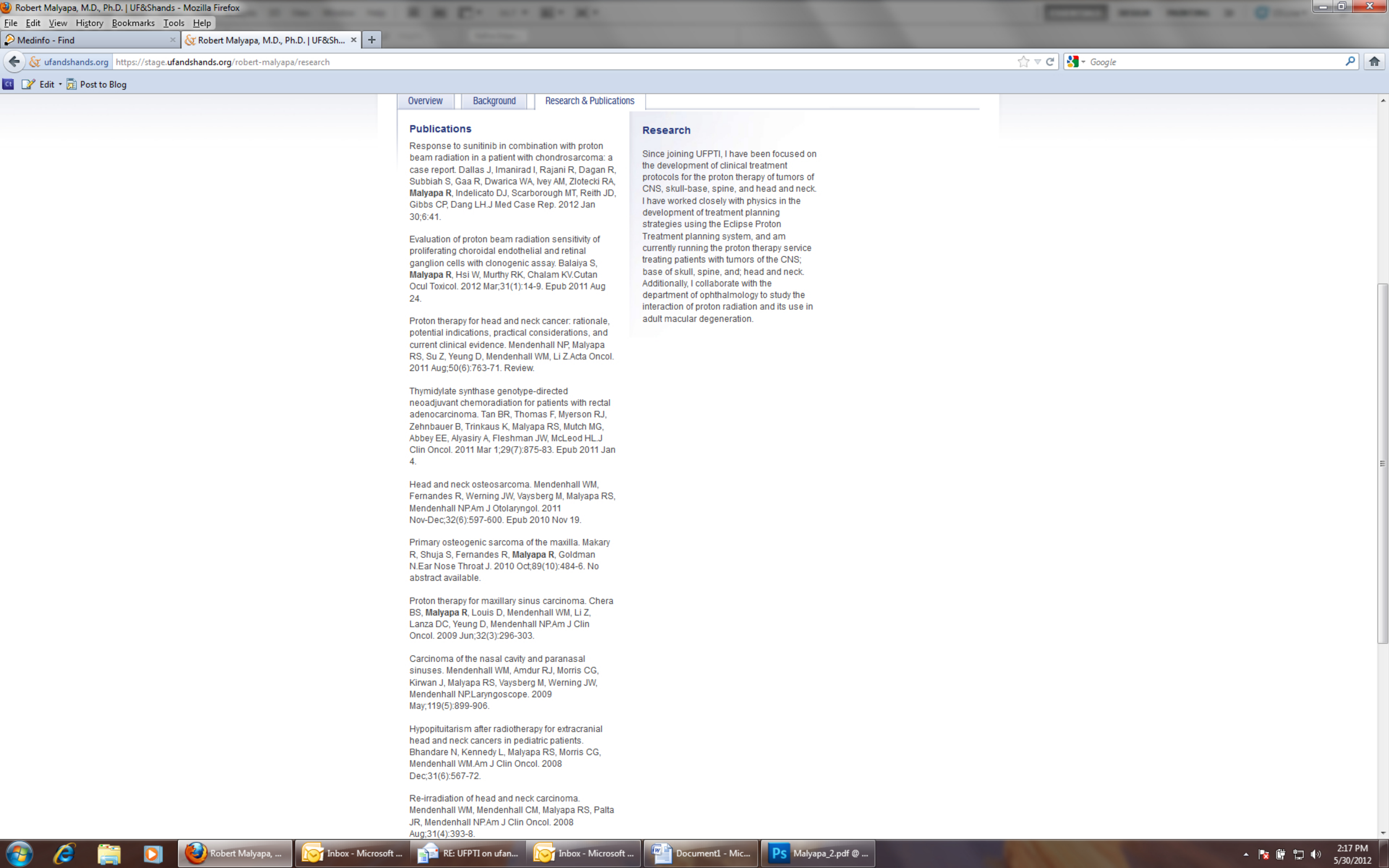
2002 American Brachytherapy Society Travel Award

2003 American Radium Society Young Oncologist Essay Award and Travel Grant

2003 Radiological Society of North America - Roentgen Resident/Fellow Research Award

2004 Simon Kramer New Investigator Award and ndash; RTOG Semi-Annual Meeting

2005 Travel Fellowship to the 43rd Particle Therapy Co-operative Group Meeting, Munich, Germany and ndash; December 2005



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Publications

Response to sunitinib in combination with proton beam radiation in a patient with chondrosarcoma: a case report. Dallas J, Imanirad I, Rajani R, Dagan R, Subbiah S, Gaa R, Dwarica WA, Ivey AM, Zlotecki RA, Malyapa R, Indelicato DJ, Scarborough MT, Reith JD, Gibbs CP, Dang LH. J Med Case Rep. 2012 Jan 30;6:41.

Evaluation of proton beam radiation sensitivity of proliferating choroidal endothelial and retinal ganglion cells with clonogenic assay. Balaiya S, Malyapa R, Hsi W, Murthy RK, Chalam KV. Cutan Ocul Toxicol. 2012 Mar;31(1):14-9. Epub 2011 Aug 24.

Proton therapy for head and neck cancer: rationale, potential indications, practical considerations, and current clinical evidence. Mendenhall NP, Malyapa RS, Su Z, Yeung D, Mendenhall WM, Li Z. Acta Oncol. 2011 Aug;50(6):763-71. Review.

Thymidylate synthase genotype-directed neoadjuvant chemoradiation for patients with rectal adenocarcinoma. Tan BR, Thomas F, Myerson RJ, Zehnbauser B, Trinkaus K, Malyapa RS, Mutch MG, Abbey EE, Alysiry A, Fleshman JW, McLeod HL. J Clin Oncol. 2011 Mar 1;29(7):875-83. Epub 2011 Jan 4.

Head and neck osteosarcoma. Mendenhall WM, Fernandes R, Werning JW, Vaysberg M, Malyapa RS, Mendenhall NP. Am J Otolaryngol. 2011 Nov-Dec;32(6):597-600. Epub 2010 Nov 19.

Primary osteogenic sarcoma of the maxilla. Makary R, Shuja S, Fernandes R, Malyapa R, Goldman N. Ear Nose Throat J. 2010 Oct;89(10):484-6. No abstract available.

Proton therapy for maxillary sinus carcinoma. Chera BS, Malyapa R, Louis D, Mendenhall WM, Li Z, Lanza DC, Yeung D, Mendenhall NP. Am J Clin Oncol. 2009 Jun;32(3):296-303.

Carcinoma of the nasal cavity and paranasal sinuses. Mendenhall WM, Amdur RJ, Morris CG, Kirwan J, Malyapa RS, Vaysberg M, Werning JW, Mendenhall NP. Laryngoscope. 2009 May;119(5):899-906.

Hypopituitarism after radiotherapy for extracranial head and neck cancers in pediatric patients. Bhandare N, Kennedy L, Malyapa RS, Morris CG, Mendenhall WM. Am J Clin Oncol. 2008 Dec;31(6):567-72.

Re-irradiation of head and neck carcinoma. Mendenhall WM, Mendenhall CM, Malyapa RS, Palta JR, Mendenhall NP. Am J Clin Oncol. 2008 Aug;31(4):393-8.

Research

Since joining UFPTI, I have been focused on the development of clinical treatment protocols for the proton therapy of tumors of CNS, skull-base, spine, and head and neck. I have worked closely with physics in the development of treatment planning strategies using the Eclipse Proton Treatment planning system, and am currently running the proton therapy service treating patients with tumors of the CNS; base of skull, spine, and; head and neck. Additionally, I collaborate with the department of ophthalmology to study the interaction of proton radiation and its use in adult macular degeneration.