

# Medical Physics

## Faculty

### Program Director

#### Michael Altman, PhD

Associate Professor of Radiation Oncology  
BA, Physics, University of Chicago, 2002  
PhD, Medical Physics, University of Chicago, 2010  
Medical Physics Residency, Henry Ford Health System, 2012

### Associate Program Directors

#### Arash Darafsheh, PhD

Associate Professor of Radiation Oncology  
BSc, Electrical-Electronic Engineering: University of Tehran, Tehran, Iran, 2004  
MSc, Radiation Medicine Engineering: Shahid Beheshti University, Tehran, Iran, 2007  
MSc, Optical Science and Engineering: University of North Carolina - Charlotte, Charlotte, NC, 2011  
PhD, Optical Science and Engineering: University of North Carolina - Charlotte, Charlotte, NC, 2013  
Certificate in Medical Physics: University of Pennsylvania, Philadelphia, PA, 2015  
Medical Physics Residency: University of Pennsylvania, Philadelphia, PA, 2017

#### Ziad Saleh, PhD

Assistant Professor of Radiation Oncology  
BSc, Computer Engineering, Beirut Arab University, Beirut, Lebanon, 2001  
MS, Electrical and Computer Engineering, University of Florida, Gainesville, FL, 2003  
PhD, Space Sciences, Florida Institute of Technology, Melbourne, FL, 2010

### Instructors

#### Lai Kuan Dionne, PhD

Assistant Professor of Cell Biology and Physiology  
BS, Biomedicine, Universiti Sains Malaysia, 2004  
PhD, Cell Biology, University of Colorado-Anschutz Medical Campus, 2010  
Postdoctoral Fellow, Cancer Biology, University of Colorado-Anschutz Medical Campus, 2015  
Postdoctoral Fellow, Nephrology, Washington University in St. Louis, 2018

#### Jose Garcia-Ramirez, MSc

Assistant Professor of Radiation Oncology  
BS, Physics, University of Puerto Rico, 1995  
MS, Medical Radiation Physics, Finch University of Health Sciences (Rosalind Franklin University), 1997

#### Ian Hagemann, MD, PhD

Professor of Pathology and Immunology  
AB, Chemistry, Princeton University, 2000  
MD, Washington University in St. Louis, 2008  
PhD, Washington University in St. Louis, 2008  
Resident and Chief Resident, Anatomic Pathology, Hospital of the University of Pennsylvania, 2011  
Surgical Pathology Fellowship, Washington University in St. Louis, 2012  
Molecular Genetic Pathology Fellowship, Washington University in St. Louis, 2013

#### Dean Hobbis, PhD

Instructor of Radiation Oncology Radiation Oncology  
BS, Physics, Eckerd College, 2015  
MS, Physics, University of South Florida, 2018  
PhD, Applied Physics, University of South Florida, 2020  
Certificate Program, Medical Physics, University of Chicago, 2021  
Residency, Medical Physics, Mayo Clinic Arizona, 2023

#### TaeHo Kim, PhD

Professor of Radiation Oncology  
PhD, Physics, Washington University in St. Louis, 2007  
Postdoctoral Fellow, Radiology, University of Utah, 2008  
Postdoctoral Fellow, Radiation Oncology, Stanford University, 2010  
Physics Residency, Radiation Oncology, University of Virginia, 2015

#### Ashley Morhardt, PhD

Assistant Professor of Anatomy  
BA, Biology, Illinois College, 2006  
MS, Biology, Western Illinois University, 2009  
PhD, Ecology and Evolutionary Biology, Ohio University, 2016

#### Joseph O'Sullivan, PhD

Samuel C. Sachs Professor of Electrical Engineering  
BS, Electrical Engineering, University of Notre Dame, 1982  
MS, Electrical Engineering, University of Notre Dame, 1984  
PhD, Electrical Engineering, University of Notre Dame, 1986

#### Naim Ozturk, PhD

Chief Physicist, Cox Health Springfield  
BS, Physics, Bogazici University (Turkey), 1984  
MS, Physics, University of Toledo, 1989  
PhD, Physics, University of Toledo, 1993  
MS, Medical Physics, East Carolina University, 2003

#### Buck Rogers, PhD

Professor of Radiation Oncology (primary appointment)  
Adjunct Professor of Chemistry (courtesy affiliation)  
Professor of Radiology  
BS, Chemistry, Loyola University Chicago, 1989  
MA, Chemistry, Washington University in St. Louis, 1991  
PhD, Inorganic Chemistry, Washington University in St. Louis, 1995

#### Zhongwei Zhang, MD, PhD

Assistant Professor of Radiology  
MD, Taishan Medical University, 2000  
PhD, Clinical Medicine, Sun Yat-sen University, 2009