

# **BERTRAM W. MAIDMENT III, M.D.**

## **CURRICULUM VITAE**

### **PRESENT/PAST AFFILIATIONS:**

#### **TRI, PA**

6601 Winchester, Suite 230 -Kansas City, Missouri, 64133

August 2017 – Present

### **UNDERGRADUATE EDUCATION:**

Duke University, Trinity College of Arts and Sciences Durham, North Carolina

Bachelor of Science in Biology with Distinction, A.B. German Studies, Minor Chemistry, 2003-2007

Humboldt Universität Berlin, Germany

Duke in Berlin Study Abroad Program, August to December 2005

### **MEDICAL EDUCATION:**

University of Maryland School of Medicine, Baltimore, Maryland

Doctor of Medicine (M.D.), 2008-2012

### **POSTGRADUATE EDUCATION:**

University of Virginia Health System, Dept of Radiation Oncology Charlottesville, Virginia, 2013-2017

PGY-2 – PGY-5 Radiation Oncology Resident, Chief Resident 2016-2017

MedStar Harbor Hospital, Dept of Internal Medicine Baltimore, Maryland, 2012-2013

PGY-1 Preliminary Internal Medicine Intern

### **CERTIFICATION:**

Board Eligible for certification in Radiation Oncology by the American Board of Radiology

### **PROFFESIONAL LICENSURE:**

Licensed to practice medicine in Kansas and Missouri

## CURRICULUM VITAE - BERTRAM W. MAIDMENT III, M.D.

### HONORS AND AWARDS:

UVA Radiation Oncology Chief Resident, 2016 - 2017

UVA Dept of Rad Onc Constable / Agarwal Award for Academic & Scholarly Effort, 2016

Best of ASTRO Abstract Selection, 2016

UVA Department of Radiation Oncology Clinical Excellence Award, 2015-2016

Gold Humanism Honor Society – University of Maryland SOM Chapter, inducted 2011

Simon Kramer Society Externship in Radiation Oncology, Summer 2009

Duke University Dean's List, Spring 2006, Fall 2006, Spring 2007

Duke University Dean's List with Distinction, Fall 2005

Olathe Medical Center Undergraduate Scholarship, 2003-2004

Kansas City Metro Area High School Hockey League Hall of Fame, inducted 2003

### LEADERSHIP POSITIONS:

2014-2017 **University of Virginia Health System**, Dept of Radiation Oncology  
Charlottesville, Virginia

*Chief Resident, 2016-2017*

*Annual Program Evaluation Committee (PEC) Member, 2016*

*ACGME Self-Study Committee Member, 2016*

*AIDET Resident Trainer, 2016*

*Housestaff Council Department Representative, 2015-2016*

*M&M Conference Organizer, 2015-2016*

*Landmark Trials Club Organizer, 2014-2015*

*Residency Interviews and Selection – Primary Resident Representative, 2014-2015*

*ACGME Clinical Learning Environment Review – Peer-Elected Representative, 2014*

2008-2012 **American Medical Association**, UMD SOM Chapter Baltimore, Maryland  
*Social Chair*

*Business and Ethics Committee Member*



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### LEADERSHIP POSITIONS: *(continued)*:

2008-2010 **American Medical Student Association**, UMD SOM Chapter Baltimore,  
Maryland  
*Vice President*

2009-2010 **University of Maryland School of Medicine**, Office of Admissions Baltimore,  
Maryland  
*Applicant Interviewer*

2004-2005 **Duke University**, Freshman Orientation Durham, North Carolina  
*First-Year Advisory Counselor (FAC)*

### EMPLOYMENT AND RESEARCH EXPERIENCES:

2011 **Duke University Medical Center**, Dept of Radiation Oncology Durham, North Carolina  
*Basic Science Researcher*  
Examined the role of cerium oxide nanoparticles in ameliorating radiation- induced lung injury in a murine model.

2011 **University of Maryland Medical Center**, Dept of Radiation Oncology Baltimore,  
Maryland  
*Rectal Cancer Treatment Guidelines Development Team Member*

2009 **University of Maryland Medical Center**, Dept of Radiation Oncology Baltimore,  
Maryland  
*Simon Kramer Society Extern*  
Conducted a retrospective clinical study of patterns of failure, predictors of toxicity, and overall survival in resected pancreatic cancer patients who received adjuvant Intensity-Modulated Radiation Therapy (IMRT) at University of Maryland and Johns Hopkins University.

2007-2008 **Food and Drug Administration**, CBER Bethesda, Maryland  
*Post-baccalaureate Oak Ridge Institute for Science and Education (ORISE) Fellow*  
Conducted independent research on Ebola virus therapeutics.  
Screened for and characterized neutralizing antibodies.  
Evaluated efficacy/binding of candidate antibodies utilizing viral neutralization assays.



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### EMPLOYMENT AND RESEARCH EXPERIENCES: *(continued)*:

2006 **Duke University**, Department of Cell and Molecular Biology Durham, North Carolina  
*Research Assistant*

Conducted research on sea urchin embryos.  
Studied signaling pathways of RhoA monomeric GTPase.  
Cloned WNT signaling protein. Performed in-situ hybridizations.

2005 **Duke University**, Department of Anesthesiology Durham, North Carolina  
*Research Assistant*

Conducted post-surgical veterinary clinical observations of pregnant sheep. Assisted with ovine necropsy to obtain organ and tissue samples to determine distribution of nanoparticles.

2003 **Proteon Therapeutics, Inc.** Kansas City, Missouri  
*Research Assistant*

Assisted in performing animal surgery and angiography to evaluate new experimental therapeutics for vascular dilation.

### CLINICAL EXPERIENCE:

External beam radiation therapy including 2D, 3D-CRT, IMRT, and VMAT (RapidArc, SmartArc)

Linac-based stereotactic body radiotherapy (SBRT)

Image guided radiotherapy (IGRT) including cone-beam CT, MVCT, KV orthogonal imaging

4D image guidance/treatment planning

Deep inspiratory breath hold (DIBH) technique for left-breast cancer and upper GI tumor treatments

Gamma Knife® Perfexion and Gamma Knife® Icon radiosurgery

LDR (103Pd) brachytherapy for prostate malignancies

HDR (192Ir) brachytherapy for breast, head and neck, prostate, and gynecologic malignancies

Accelerated partial breast irradiation (APBI) utilizing Contura® MLB

Intraoperative radiation therapy (IORT) utilizing Contura® MLB

Image-guided CT-on-rails rapid workflow brachytherapy in a dedicated suite

Radioactive unsealed sources (90Y [Therasphere®, SIR-sphere®], 131I)

Linear accelerators, including Varian TrueBeam, Varian Trilogy, and Accuray

TomoTherapy®



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### CLINICAL EXPERIENCE: *(continued)*:

Superficial photon therapy with Sensus® SRT-100  
Computer planning software, including Pinnacle, Eclipse, BrachyVision  
Deformable registration software, including Velocity  
Electronic medical record systems, including MOSAIQ, EPIC, Cerner PowerChart, and MEDITECH

### PUBLICATIONS (PEER REVIEWED):

1. Xu P-T, **Maidment BW 3rd**, Antonic V, Jackson IL, Das S, Zodda A, Zhang X, Seal S, Vujaskovic Z. Cerium Oxide Nanoparticles: A Potential Medical Countermeasure to Mitigate Radiation-Induced Lung Injury in CBA/J Mice. *Radiation Research*. 2016 May 2. [Epub ahead of print]
2. Mattiucci GC, Falconi M, van Stiphout RGPM, Alfieri S, Calvo FA, Herman JM, **Maidment BW 3rd**, Miller RC, Regine WF, Reni M, Sharma N, Partelli S, Genovesi D, Balducci M, Deodato F, Valentini V, Morganti AM. Adjuvant Chemoradiation in Pancreatic Cancer: A Pooled Analysis in Elderly ( $\geq 75$  years) Patients. *Anticancer Research*. 2015 Jun; 35 (6):3441-6
3. Morganti AG, Falconi M, van Stiphout RGPM, Mattiucci GC, Alfieri S, Calvo FA, Dubois JB, Fastner G, Herman JM, **Maidment BW 3rd**, Miller RC, Regine WF, Reni M, Sharma NK, Ippolito E, Valentini V. Multi-Institutional Pooled Analysis on Adjuvant Chemoradiation in Pancreatic Cancer. *International Journal of Radiation Oncology \* Biology \* Physics*. 2014 Nov 15; 90 (4):911-17
4. Silverman HJ, Dagenais J, Gordon-Lipkin E, Caputo L, Christian MW, **Maidment BW 3rd**, Binstock A, Oyalowo A, Moni M. Perceived comfort level of medical students and residents in handling clinical ethics issues. *Journal of Medical Ethics*. 2013 January; 39 (1):55-8
5. Yovino S, **Maidment BW 3rd**, Herman JM, Pandya N, Goloubeva O, Wolfgang C, Schulick R, Laheru D, Hanna N, Alexander HR, Regine WF. Analysis of Local Control in Patients Receiving IMRT for Resected Pancreatic Cancers. *International Journal of Radiation Oncology \* Biology \* Physics*. 2012 July 1; 83 (3): 916-20

### ORAL PRESENTATIONS, POSTERS, AND PUBLISHED ABSTRACTS:

1. **Maidment III BW**, Watkins WT, Hodge CE, Faria NA, Harrell AD, Read PW. (2016, September). Diagnostic CT-Based Pre-Planning Coupled with Post-Treatment CBCT Dosimetry Allows for Rapid, Safe, Image-Guided Delivery of Emergent Radiation Therapy. Oral Presentation. *American Society for Radiation Oncology, 58th Annual Meeting*. Boston, MA.



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### ORAL PRESENTATIONS, POSTERS, AND PUBLISHED ABSTRACTS: *(continued)*:

2. **Maidment III BW**, Mattiucci GC, Falconi M, van Stiphout RGPM, Alfieri S, Calvo FA, Herman JM, Miller RC, Regine WF, Reni M, Sharma N, Partelli S, Genovesi D, Balducci M, Deodato F, Valentini V, Morganti AG. (2015, October). Survival in Patients Aged 75 Years and Older Receiving Adjuvant Chemoradiation for Resected Pancreatic Adenocarcinoma: A multicenter, multinational pooled analysis. Poster Presentation. *American Society for Radiation Oncology, 57th Annual Meeting*. San Antonio, TX.
3. Mattiucci GC, Morganti AG, Falconi M, van Stiphout RGPM, Alfieri S, Calvo FA, Herman JM, **Maidment III BW**, Miller RC, Partelli S, Regine W, Reni M, Sharma N, Valentini V. (2015, October). Role of Dose on Survival in Adjuvant Chemoradiation of Pancreatic Cancer. Poster Presentation. *American Society for Radiation Oncology, 57th Annual Meeting*. San Antonio, TX.
4. **Maidment III BW**, Geesey C, Xie C, Chinault J, Best R, Larner JM, Wijesooriya K. (2014, September). Dosimetric Comparison of VMAT-based Lung SBRT Treatments with and without a Flattening Filter: An Inter-institutional Study. Poster Presentation. *American Society for Radiation Oncology, 56th Annual Meeting*. San Francisco, CA.
5. Chaudry HE, Ellison TA, **Maidment III BW**, Regine WF, Alexander HR, Hanna NN, Wolfgang CL, Morris CG, Herman JM, Sharma NK. (2013, September). Radiation Therapy in Pancreatic Neuroendocrine Tumors: Favorable Outcomes and Low Toxicity in a Multi-Institutional Experience. Poster Presentation. *American Society for Radiation Oncology, 55th Annual Meeting*. Atlanta, GA.
6. **Maidment III BW**, Karikkineth A, Williams R. (2013, May). On the Verge of Myxedema Coma. Poster Presentation. *Maryland ACP 31st Annual Mulholland-Mohler Associates Meeting*. Baltimore, MD.
7. Mattiucci GC, van Stiphout RGPM, Alfieri S, Calvo FA, Dubois JB, **Maidment III BW**, Miller RC, Reni M, Sharma N, Falconi M. (2012, May). Multivariate Prediction of Follow-up Outcome for Patients with Pancreatic Cancer: A Pooled Data Analysis. *European Society for Radiotherapy and Oncology, 31st Annual Meeting*. Barcelona, Spain.
8. **Maidment BW**, Ellison T, Herman JM, Sharma NK, Laheru D, Regine W, Wild AT, Olinio K, Hruban RH, Cameron JL, Alexander HR, Hanna N, Hausner PF, Zheng L, Choti MA, Schulick RD, Wolfgang CL, Edil BH. (2012, January). Radiation in the management of pancreatic neuroendocrine tumors. Poster Presentation. *2012 Gastrointestinal Cancers Symposium*. San Francisco, CA.



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### ORAL PRESENTATIONS, POSTERS, AND PUBLISHED ABSTRACTS: *(continued)*:

9. **Maidment III BW**, Yovino S, Herman JM, Goloubeva O, Wolfgang C, Schulick R, Laheru D, Hanna N, Alexander HR, Regine WF. (2010, November). Analysis of Local Control in Patients Receiving IMRT for Resected Pancreatic Cancer. Digital Poster Discussion. *American Society for Therapeutic Radiology & Oncology, 52nd Annual Meeting*. San Diego, CA.

### PROFESSIONAL MEMBERSHIPS:

American Board of Radiology (ABR)  
American Brachytherapy Society (ABS)  
American College of Radiation Oncology (ACRO)  
American College of Radiology (ACR)  
American Society for Radiation Oncology (ASTRO)  
Radiological Society of North America (RSNA)



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