

**Joella E. Wilson, MD**  
**Curriculum Vitae**

**2035 Technology Parkway  
Mechanicsburg, PA 17050**

**Ph: 717-988-1400  
wilsonje4@upmc.edu**

**EMPLOYMENT**

**Regional Vice Chair**  
UPMC Hillman Cancer Center, Radiation Oncology

**5/1/24-present**  
Harrisburg, PA

**Co-Director of Radiation Oncology**  
UPMC in Central PA

**7/2017-present**  
Harrisburg, PA

**Associate Director of Radiation Oncology**  
**Director of Women's Cancer Program and Brachytherapy**  
PinnacleHealth Cancer Institute

**3/2016-6/2017**  
Harrisburg, PA

**Radiation Oncologist**  
PinnacleHealth Cancer Institute

**7/29/14-3/2016**  
Harrisburg, PA

**Research Assistant, Chemistry Lab Teaching Assistant**  
Kansas State University

**6/2004-5/2005**  
Manhattan, KS

**EDUCATION/TRAINING**

**Physician Leadership Essentials Course**  
UPMC

**9/2020-7/2021**  
Pittsburgh, PA

**CyberKnife Physician Training**  
Accuray Incorporated

**2/17/2015-2/10/2015**  
Sunnyvale, CA

**Radiation Oncology Residency**  
Co-Chief Resident  
Baylor College of Medicine  
University of Texas Medical Branch, Galveston

**7/1/2010-6/30/2014**  
7/1/2013-6/30/2014  
7/1/2011-6/30/2014  
7/1/2010-6/30/2011  
Houston, TX

**Transitional Year Medicine Internship**  
The Methodist Hospital

**7/1/2009-6/30/2010**  
Houston, TX

**Doctorate of Medicine**  
University of Kansas School of Medicine

**8/8/2005-5/17/2009**  
Kansas City, KS

**Summer Research Program for Medical Students**  
M.D. Anderson Cancer Center  
*Mentor: Gary J. Whitman, MD*

**6/2006-8/2006**  
Houston, TX

**Bachelor of Chemical Sciences, Summa Cum Laude**  
Kansas State University

**8/1999-5/2004**  
Manhattan, KS

**BOARD CERTIFICATIONS**

American Board of Radiology Certification in Radiation Oncology

5/2015

**TECHNIQUE SPECIFIC TRAINING AND SKILLS**

- Experience as a full-time radiation oncologist at UPMC Pinnacle/Central PA since completion of residency
  - participation as on-site principle investigator in ongoing clinical trials, multi-disciplinary tumor boards, IGRT, IMRT/VMAT, SBRT and SRS using CyberKnife, TrueBeam, Trilogy, GYN intracavitary and interstitial brachytherapy, Breast HDR brachytherapy, 4D-CT simulation and respiratory gating. Management of patients with all sites of disease but primarily breast, lung, gynecologic, and head and neck cancers.
- Participated in obtaining and maintaining ACR and later participated in facilitation to ACRO accreditation
- Planning System Experience: Eclipse, Pinnacle, XiO, Monaco, Tomotherapy Hi Art, BrainLab, Accuray CyberKnife Multiplan

**HONORS & AWARDS**

- Outstanding Resident Presentation, Texas Radiological Society, 2013
- Dr. Willard J. Smith, Jr. Award for superior academic performance, 2009
- Glasgow-Rubin Award for Academic Achievement, 2009
- Alpha Omega Alpha Honor Medical Society, Junior Inductee 2008
- Gold Humanism Honor Society, 2008
- Overcoming Adversity Award, 2007
- Virchow Honors Society, 2007
- Nettie Klein Award for Neuroscience, 2007
- Phi Kappa Phi Honor Society, 2001

**LEADERSHIP/ACTIVITIES**

- Implementation of GYN HDR interstitial brachytherapy program, 1/2023-present
- Implementation of Rectal SpaceOAR program at UPMC Central PA, 2021-2022
- UPMC Pinnacle Physician Leadership Steering Committee, 1/2020-7/2021
- UPMC Pinnacle Oncology Physician Executive Management Group, 4/2019-present
- Participated in developing a partnership with Select Medical to design a Rehab and Physical Therapy program specific to cancer patients' needs, 2018
- UPMC Pinnacle Breast Program Leadership Committee, 8/2016-present
- Participation in construction/design of new outpatient cancer center (opened 9/2019)
- Served as Principal-investigator (PI) for several clinical trials
- Oversaw attainment of American College of Radiation Oncology Accreditation in 2019
- Participated in attainment of American College of Radiology Accreditation in 2015
- Implementation of Deep Inspiration Breath Hold for Left Breast-sided cancer at Pinnacle, 2015
- Co-Chief Resident, Radiation Oncology, Baylor College of Medicine, 7/1/2013-6/30/2014
- ASTRO Advocacy Day, Travel Grant Award, April 2013
- Preceptor for Baylor Honors Premedical Academy Summer Program, 2012
- Founding member of Baylor Residents' Chapter Gold Humanism Honor Society, 2011
- Student Research Forum planning committee, 2007
- Community Free Health Clinic monthly volunteer, 2005-2007
- Care for Kids, 2005
- Teacher for an English-language school in Cairo, Egypt, summer 2002
- Co-Director of a camp for children exposed to Chernobyl radiation in Belarus, summer 2001

- Volunteered for 6 weeks to help build an orphanage in Honduras, summer 1998

## PUBLICATIONS

- Wiens N, Torp L, Wolff B, Wert Y, Barton K, Weksberg D, **Wilson-Dagar J**. Effect of BioZorb surgical marker placement on post-operative radiation boost target volume. *J of Radiat Oncol*, E-pub 3 Jan 2018.
- **Wilson JE**, Paulino AC et al. A Comparison of Traditional vs. Response-Based Involved-Field Radiotherapy on Clinical Target Volume and Organs at Risk for Pediatric Rapid Early Responders with High-Risk Hodgkin Lymphoma. *J of Radiat Oncol*, 3(1):99-104, 3/2014. E-pub Oct 2013.
- Shue T, **Wilson JE et al**. Irradiation of an unresectable mediastinal PEComa encasing major vessels: A Case Report. *Manuscript accepted for publication in Journal of Radiotherapy in Practice on 31 Oct 2013*.
- Carpenter S, **Wilson JE**. (2013). Hodgkin's Disease: Radiation Therapy. Bope ET, Kellerman RD (Eds). *Conn's Current Therapies* (pp 813-816). Elsevier Saunders.
- **Wilson JE**. Flowering Branch; Cover Art. *International Journal of Radiation Oncology Biology and Physics*. Feb 2013.
- **Wilson JE**, Whitman GJ. Commentary Article in review of: Estrogen-plus-progestin use and mammographic density in postmenopausal women: women's health initiative randomized trial. *Breast Diseases* 17(4):350, 2007.
- Whitman GJ, **Wilson JE** et al. Sonography of Invasive Lobular Carcinoma. *Ultrasound Clinics* 1(4):645-660, 2006.
- Whitman GJ, **Wilson JE** et al. Ultrasound-guided Breast Biopsies. *Ultrasound Clinics* 1(4):603-615, 2006.

## ORAL AND POSTER PRESENTATIONS

- **Wilson JE**. Oligometastatic Breast Cancer; Role of Radiation Therapy. Oral Presentation at UPMC Pinnacle Breast Summit; July 2020; Harrisburg, PA
- **Wilson JE**, Paulino AC et al. **Traditional and Response-Based Involved Field Radiation Therapy in Hodgkin Lymphoma. Oral Paper Presentation at Texas Radiological Society; April 2013; Houston, TX.**
- **Wilson JE**, Paulino AC et al. A Comparison of Traditional vs. Response-Based Involved-Field Radiotherapy on Clinical Target Volume and Organs at Risk for Pediatric Rapid Early Responders with High-Risk Hodgkin Lymphoma. Poster Presentation at: ASTRO; Oct 2012; Boston, MA.  
-Selected for "ARRO Poster Walk with a Professor"
- Afshari A, **Wilson JE** et al. Fabrication of a tissue equivalent prosthesis for radiation therapy: A case report. Poster Presentation at: *Interdisciplinary Rehabilitation Care for the Head and Neck Patient*; Oct 2012; Baltimore, MD.
- **Wilson JE**. Heterogeneity corrections in lung cancer treatment and equivalent radiation doses. Oral Presentation at: University of Kansas Student Research Forum; Feb 2008; Wichita, KS.

- **Wilson JE**, Whitman GJ et al. The Use and Efficacy of Ultrasound-Guided Procedures in Radiologic Breast Cancer Intervention. Oral Paper Presentation at: University of Kansas Student Research Forum; April 2007; Kansas City, KS.
- **Wilson JE**, Kathy Newell. Complex intracranial mass and elevated serum  $\beta$ -HCG in a 2 year old boy. Oral Presentation presented at: Virchow Honors Society; March 2007; Kansas City, KS.

#### **PROFESSIONAL SOCIETIES**

American Society for Therapeutic Radiation Oncology (ASTRO)  
American Brachytherapy Society (ABS)