

**BIOGRAPHICAL SKETCH**

<b>NAME</b>	<b>POSITION TITLE</b>
Shearwood McClelland III	Radiation Oncology Research Instructor

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date YYYY	FIELD OF STUDY
Harvard College, Cambridge, MA	A.B.	2000	Biology
Columbia University College of Physicians and Surgeons, New York, NY	M.D.	2004	Medicine
National Institute of Health, Neurological Institute of New York, New York, NY	Fellowship	2005	Neurology
Cleveland Clinic Foundation Lerner Research Institute, Cleveland, OH	Fellowship	2006	Neurosciences
University of Minnesota Medical School, Minneapolis, MN	Resident	2009	Neurosurgery
University of Minnesota Medical School, Minneapolis, MN	Fellowship	2015	Health Disparities
Oregon Health & Science University (OHSU), Portland, OR	Fellowship	2018	Radiation Oncology

**A. Personal Statement**

I am a radiation oncology research instructor with a more than decade-long publication track record of investigating disparities in healthcare access and their subsequent impact on patient outcomes. The barriers impeding access to palliative radiation oncology in the United States for patients enrolled on hospice are similar to those generally faced by patients suffering disparate access to optimal health care, and require an empathetic, evidence-based approach in order to remove these barriers in a fiscally responsible fashion.

**B. Positions and Honors****Positions and Employment**

2016-present Adjunct Research Instructor, Department of Radiation Medicine, OHSU, Portland, OR

**Honors and Awards:**

1993 National Junior High School Chess Co-Champion  
1994 National Eleventh Grade Chess Champion  
1995 Member, Pressman Scholastic All-America Chess Team (41 selected from 28,000 eligible)  
1995 National Twelfth Grade Chess Champion (first to win national eleventh and twelfth grade titles)  
1996 Life Chess Master, United States Chess Federation  
1996 National Scholar Chessplayer Award, United States Chess Federation  
1996 Who's Who Among American High School Students  
1997 United States Junior Open Chess Champion  
1997 New Jersey State Chess Champion  
1998 New Jersey State Chess Champion (youngest with two titles in state history)  
2000 Finalist, Joseph Garrison Parker Award, Harvard College  
2000 Edward H. Potter Prize, Harvard College  
2001 National Institutes of Health Short-Term Training Grant For Medical Students  
2004 Wilbert C. Jordan Clinical Science Research Award, Student National Medical Association  
2004 National Institute of Neurological Disorders and Stroke Minority Research Supplement  
2005 White Ribbon Award for Poster Presentation, American Association of Neurological Surgeons  
2006 Young Investigator Award, American Epilepsy Society  
2007 Resident Award for Excellence in Geriatric Scholarship, University of Minnesota  
2008 Cecil J. Watson Award for Outstanding Resident Research, Minnesota Medical Foundation  
2008 Cone Pevehouse Award, American Association of Neurological Surgeons  
2009-present Marquis Who's Who in America  
2009 & 2010 International Epilepsy Symposium Research Award, Cleveland Clinic Foundation  
2010-present Marquis Who's Who in the World  
2018 Young Oncologist Travel Grant Award, American Radium Society  
2018 Conquer Cancer Foundation of ASCO Merit Award, American Society of Clinical Oncology  
2018 Outstanding Diversity and Inclusion Research Award Nominee, OHSU

**C. Contribution to Science/Selected publications (from 87 total; Scopus h-index=16)**

1) I have led, authored and edited multiple publications on health disparities

- a. **McClelland S III**, Mitin T. The Danger of Applying the ProtecT Trial to Minority Populations. *JAMA Oncology*, 4(3): 291, 2018. (Electronic Publication Date: February 15, 2018). PMID: 29450467 <http://www.ncbi.nlm.nih.gov/pubmed/29450467>
- b. **McClelland S III**, Jaboin JJ. Will Financial Toxicity Screening Help or Harm Minority Patient Access to Radiation Therapy? *International Journal of Radiation Oncology, Biology, Physics*, 101, in press.
- c. **McClelland S III**, Perez CA. The Pervasive Crisis of Diminishing Radiation Therapy Access for Vulnerable Populations in the United States – Part 3: Hispanic-American Patients. *Advances In Radiation Oncology*, 3(2): 93-99, 2018. (Electronic Publication Date: December 29, 2017)
- d. **McClelland S III**, Jaboin JJ, Mitin T. Is Advocacy for Active Surveillance over Definitive Intervention in Low-Risk Prostate Cancer Applicable to African-American Patients? *International Journal of Radiation Oncology, Biology, Physics*, 99(5): 1076-1077, 2017. PMID: 29165281 <http://www.ncbi.nlm.nih.gov/pubmed/28818305>
- e. **McClelland S III**, Leberknight J, Guadagnolo BA, Coleman CN, Petereit DG. The Pervasive Crisis of Diminishing Radiation Therapy Access for Vulnerable Populations in the United States – Part 2: American Indian Patients. *Advances In Radiation Oncology*, 3(1): 3-7, 2018. (Electronic Publication Date: August 25, 2017) PMID: 29556572 <http://www.ncbi.nlm.nih.gov/pubmed/29556572>
- f. **McClelland S III**, Kim E, Passias PG, Murphy JD, Attia A, Jaboin JJ. Spinal Stereotactic Body Radiotherapy in the United States: A Decade-Long Nationwide Analysis of Patient Demographics, Practice Patterns, and Trends Over Time. *Journal of Clinical Neuroscience*, 46: 109-112, 2017. (Electronic Publication Date: August 31, 2017) PMID: 28864408 <http://www.ncbi.nlm.nih.gov/pubmed/28864408>
- g. **McClelland S III**, Page BR, Jaboin JJ, Chapman CH, Deville C Jr, Thomas CR Jr. The Pervasive Crisis of Diminishing Radiation Therapy Access for Vulnerable Populations in the United States – Part 1: African-American Patients. *Advances In Radiation Oncology*, 2(4): 523-531, 2017. (Electronic Publication Date: August 3, 2017) PMID: 29204518 <http://www.ncbi.nlm.nih.gov/pubmed/29204518>
- h. Miller RC, Goyal S, **McClelland S III**, Motwani S, Mayo C, Kaleem T, Videtic G, Hintenlang K. ASTRO's Advances in Radiation Oncology – Success to Date and Future Plans. *Advances in Radiation Oncology*, 2(3): 245-248, 2017. (Electronic Publication Date: May 26, 2017) PMID: 29114588 <http://www.ncbi.nlm.nih.gov/pubmed/29114588>
- i. **McClelland S III**, Kim E, Murphy JD, Jaboin JJ. Impact of Insurance Status and Race on Receipt of Treatment for Acoustic Neuroma: A National Cancer Database Analysis. *Journal of Clinical Neuroscience*, 42:143-147, 2017. (Electronic Publication Date: March 23, 2017) PMID: 28343920 <http://www.ncbi.nlm.nih.gov/pubmed/28343920>
- j. **McClelland S III**, Kim E, Murphy JD, Jaboin JJ. Operative Mortality Rates of Acoustic Neuroma Surgery: A National Cancer Database Analysis. *Otology & Neurotology*, 38(5): 751-753, 2017. (Electronic Publication Date: February 9, 2017) PMID: 28187056 <http://www.ncbi.nlm.nih.gov/pubmed/28187056>
- k. **McClelland S III**, Deville C, Thomas CR Jr, Jaboin JJ. An Overview of Disparities Research in Access to Radiation Oncology Care. *Journal of Radiation Oncology*, 5(4): 437-444, 2016. (Electronic Publication Date: November 7, 2016)
- l. **McClelland S III**, Kim E, Murphy JD, Jaboin JJ. Nonoperative Management of Acoustic Neuroma in Geriatric Patients: A National Cancer Database Analysis. *Journal of Radiation Oncology*, 5(4): 345-349, 2016. (Electronic Publication Date: November 7, 2016)
- m. **McClelland S III**, Marascalchi BJ, Passias PG, Protosaltis TS, Frempong-Boadu AK, Errico TJ. Operative Fusion of Multilevel Cervical Spondylotic Myelopathy: Impact of Patient Demographics. *Journal of Clinical Neuroscience*, 39:133-136, 2017. (Electronic Publication Date: January 10, 2017) PMID: 28087188 <http://www.ncbi.nlm.nih.gov/pubmed/28087188>
- n. **McClelland S III**, Marascalchi BJ, Passias PG, Protosaltis TS, Frempong-Boadu AK, Errico TJ. Impact of Race and Insurance Status on Surgical Approach for Cervical Spondylotic Myelopathy in the United States: A Population-Based Analysis. *Spine*, 42(3): 186-194, 2017. (**Cover Article**) (Electronic Publication Date: May 18, 2016) PMID: 27196022 <http://www.ncbi.nlm.nih.gov/pubmed/27196022>

- o. **McClelland S III**, Ukuwoma OI, Lunos S, Okuyemi KS. Mortality of Dandy-Walker Syndrome in the United States: Analysis by Race, Gender, and Insurance Status. *Journal of Neurosciences in Rural Practice*, 6(2): 182-185, 2015. (Electronic Publication Date: March 14, 2015) PMID: 25883477 <http://www.ncbi.nlm.nih.gov/pubmed/25883477>
  - p. **McClelland S III**, Ukuwoma OI, Lunos S, Okuyemi KS. The Natural History of Dandy-Walker Syndrome in the United States: A Population-Based Analysis. *Journal of Neurosciences in Rural Practice*, 6(1): 23-26, 2015. (Electronic Publication Date: October 18, 2014) PMID: 25552847 <http://www.ncbi.nlm.nih.gov/pubmed/25552847>
  - q. **McClelland S III**, Guo H, Okuyemi KS. Morbidity and Mortality Following Acoustic Neuroma Excision in the United States: Analysis of Racial Disparities During a Decade in the Radiosurgery Era. *Neuro-Oncology*, 13(11): 1252-1259, 2011. (Electronic Publication Date: August 19, 2011) PMID: 21856684 <http://www.ncbi.nlm.nih.gov/pubmed/21856684>
  - r. **McClelland S III**, Guo H, Okuyemi KS. Population-Based Analysis of Morbidity and Mortality Following Surgery for Intractable Temporal Lobe Epilepsy In The United States. *Archives of Neurology*, 68(6): 725-729, 2011. (Electronic Publication Date: February 14, 2011) (**Cover Article**) PMID: 21320984 <http://www.ncbi.nlm.nih.gov/pubmed/21320984>
  - s. **McClelland S III**, Guo H, Okuyemi KS. Racial Disparities in the Surgical Management of Intractable Temporal Lobe Epilepsy in the United States: A Population-Based Analysis. *Archives of Neurology*, 67(5): 577-583, 2010. PMID: 20457957 <http://www.ncbi.nlm.nih.gov/pubmed/20457957>
  - t. **McClelland S III**, Curran CC, Davey CS, Okuyemi KS. Intractable Pediatric Temporal Lobe Epilepsy In The United States: Examination of Race, Age, Sex and Insurance Status as Factors Predicting Receipt of Resective Treatment. *Journal of Neurosurgery: Pediatrics*, 107(6): 469-473, 2007. PMID: 18154015 <http://www.ncbi.nlm.nih.gov/pubmed/18154015>
- 2) I have led multiple projects on cost-efficacy in healthcare
- a. **McClelland S III**, Mitin T, Ciporen JN. Is Radiation Therapy for Subtotally Resected Meningioma Causing More Harm Than Good? *International Journal of Radiation Oncology, Biology, Physics*, 100(3): 803-804, 2018. PMID: 29413292 <http://www.ncbi.nlm.nih.gov/pubmed/29413292>
  - b. **McClelland S III**, Mitin T, Jaboin JJ. Treatment Course Interruption/Delay Due to Weekend Breaks: Acknowledging and Confronting Personal and Professional Biases. *International Journal of Radiation Oncology, Biology, Physics*, 100(2): 299-300, 2018. (Electronic Publication Date: October 28, 2017) PMID: 29353650 <http://www.ncbi.nlm.nih.gov/pubmed/29353650>
  - c. **McClelland S III**, Jaboin JJ. Treatment of the Ventral Intermediate Nucleus for Medically Refractory Tremor: A Cost-Analysis of Stereotactic Radiosurgery versus Deep Brain Stimulation. *Radiotherapy and Oncology*, 125(1): 136-139, 2017. (Electronic Publication Date: August 14, 2017) PMID: 28818305 <http://www.ncbi.nlm.nih.gov/pubmed/28818305>
  - d. Baker JF, **McClelland S III**, Smith JS, Line BG, Hart RA, Ames CP, Shaffrey C, Bess S. In-hospital Complications and Resource Utilization Following Lumbar Spine Surgery in Patients with Parkinson's Disease: Evaluation of the National Inpatient Sample Database. *World Neurosurgery*, 106:470-476, 2017. (Electronic Publication Date: July 12, 2017) PMID: 28711540 <http://www.ncbi.nlm.nih.gov/pubmed/28711540>
  - e. **McClelland S III**, Passias PG, Errico TJ, Bess RS, Protosaltis TS. Inpatient versus Outpatient Anterior Cervical Discectomy and Fusion: A Perioperative Complication Analysis of 259,414 Patients From the Healthcare Cost and Utilization Project Databases. *International Journal of Spine Surgery*, 11:11, 2017. (Electronic Publication Date: April 3, 2017) PMID: 28765795 <http://www.ncbi.nlm.nih.gov/pubmed/28765795>
  - f. **McClelland S III**, Passias PG, Errico TJ, Bess RS, Protosaltis TS. Outpatient Anterior Cervical Discectomy and Fusion: An Analysis of Readmissions from the New Jersey State Ambulatory Services Database. *International Journal of Spine Surgery*, 11;3, 2017. (Electronic Publication Date: January 10, 2017) PMID: 28377861 <http://www.ncbi.nlm.nih.gov/pubmed/28377861>
  - g. **McClelland S III**, Baker JF, Smith JS, Line BG, Errico TJ, Ames CP, Bess RS. Impact of Parkinson's Disease on Perioperative Complications and Hospital Cost in Multilevel Spine Fusion: A Population-Based Analysis. *Journal of Clinical Neuroscience*, 35: 88-91, 2017. (Electronic Publication Date: October 17, 2016) PMID: 27765561 <http://www.ncbi.nlm.nih.gov/pubmed/27765561>

- h. **McClelland S III**. A Cost Analysis of Intraoperative Microelectrode Recording During Subthalamic Stimulation for Parkinson's Disease. *Movement Disorders*, 26(8): 1422-1428, 2011. (Electronic Publication Date: June 14, 2011) PMID: 21674622 <http://www.ncbi.nlm.nih.gov/pubmed/21674622>
- 3) Assessment of leadership, career development challenges and academic productivity in academic medicine. I have led multiple publications and projects on these topics.
- McClelland S III**, Jaboin JJ. Does a Radiation Oncology Residency Applicant's Right to Privacy and Confidentiality Truly Exist? *International Journal of Radiation Oncology, Biology, Physics*, 101(5), in press.
  - McClelland S III**, Mitin T, Jagsi R, Thomas CR Jr, Jaboin JJ. Importance of First and Second Authorship in Assessing Citation-Based Scholarly Activity of US Radiation Oncology Residents and Subsequent Choice of Academic versus Private Practice Career. *Journal of the American College of Radiology*, 15, in press.
  - McClelland S III**, Mitin T, Wilson LD, Thomas CR Jr, Jaboin JJ. Relationship Between Citation-Based Scholarly Activity of United States Radiation Oncology Residents and Subsequent Choice of Academic versus Private Practice Career. *International Journal of Radiation Oncology, Biology, Physics*, 101(1): 46-48, 2018. (Electronic Publication Date: February 3, 2018) PMID: 29619975 <http://www.ncbi.nlm.nih.gov/pubmed/29619975>
  - McClelland S III**, Thomas CR Jr, Wilson LD, Holliday EB, Jaboin JJ. Association of Preresidency Peer-Reviewed Publications with Radiation Oncology Resident Choice of Academic Versus Private Practice Career. *Practical Radiation Oncology*, 7(5): 364-367, 2017. (Electronic Publication Date: April 5, 2017) PMID: 28433523 <http://www.ncbi.nlm.nih.gov/pubmed/28433523>
  - McClelland S III**. Pre-Residency Peer-Reviewed Publications are Associated with Neurosurgery Resident Choice of Academic Compared to Private Practice Careers. *Journal of Clinical Neuroscience*, 17(3): 287-289, 2010. (Electronic Publication Date: January 15, 2010) (**Cover Article**) PMID: 20079648 <http://www.ncbi.nlm.nih.gov/pubmed/20079648>
- 4) I have led several projects on global healthcare
- McClelland S III**, Jaboin JJ. The Radiation Safety of 5G WiFi: Reassuring or Russian Roulette? *International Journal of Radiation Oncology, Biology, Physics*, 101, in press.
  - McClelland S III**, Sandler KA, Degnin C, Chen Y, Mitin T. Dramatically Polarized Opinion on the Role of Brachytherapy Boost in Management of High-Risk Prostate Cancer: A Survey of North American Genitourinary Expert Radiation Oncologists. *Clinical Genitourinary Cancer*, 16(3): e543-545, 2018. (Electronic Publication Date: February 2, 2018) PMID: 29452837 <http://www.ncbi.nlm.nih.gov/pubmed/29452837>
  - McClelland S III**, Sandler KA, Degnin C, Chen Y, Mitin T. Active Surveillance for Low and Intermediate Risk Prostate Cancer: Opinions of North American Genitourinary Oncology Expert Radiation Oncologists. *Clinical Genitourinary Cancer*, 16(2): e323-e325, 2018. (Electronic Publication Date: November 7, 2017) PMID: 29174501 <http://www.ncbi.nlm.nih.gov/pubmed/29174501>
  - McClelland S III**. Postoperative Intracranial Neurosurgery Infection Rates in North America versus Europe: A Systematic Analysis. *American Journal of Infection Control*, 36(8): 570-573, 2008. (Electronic Publication Date: January 31, 2008) (**Cover Article**) PMID: 18926310 <http://www.ncbi.nlm.nih.gov/pubmed/18926310>
  - McClelland S III**. The Montreal Neurological Institute: Training of the First African-American Neurosurgeons. *Journal of the National Medical Association*, 99(9): 1071-1073, 2007. PMID: 17913121 <http://www.ncbi.nlm.nih.gov/pubmed/17913121>
- 5) I have led several projects on central nervous system disease (in addition to those mentioned above)
- McClelland S III**, Jaboin JJ, Thomas CR Jr. Radiation Oncology Crossword: Central Nervous System. *International Journal of Radiation Oncology, Biology, Physics*, 100(5): 1300-1303, 2018. PMID: 29722674 <http://www.ncbi.nlm.nih.gov/pubmed/29722674>
  - McClelland S III**, Jalai CM, Ryu S, Passias PG. Limitations of Using Population-Based Databases to Assess Trends in Spinal Stereotactic Radiosurgery. *Journal of Radiosurgery and SBRT*, 4(3): 177-180, 2016. PMID: 29296442 <http://www.ncbi.nlm.nih.gov/pubmed/29296442>
  - McClelland S III**, Takemoto RC, Lonner BS, Andres TM, Park JJ, Ricart-Hoffiz PA, Bendo JA, Goldstein JA, Spivak JM, Errico TJ. Analysis of Postoperative Thoracolumbar Spine Infections in a



- Prospective Randomized Controlled Trial Using the Centers for Disease Control Surgical Site Infection Criteria. *International Journal of Spine Surgery*, 10;14, 2016. (Electronic Publication Date: April 21, 2016) PMID: 27441172 <http://www.ncbi.nlm.nih.gov/pubmed/27441172>
- d. **McClelland S III**, Long DM. Genesis of the Use of Corticosteroids in the Treatment and Prevention of Brain Edema. *Neurosurgery*, 62(4): 965-968, 2008. PMID: 18496203 <http://www.ncbi.nlm.nih.gov/pubmed/18496203>
- e. **McClelland S III**, Gerbi BJ, Higgins PD, Orner JB, Hall WA. Safety and Efficacy of Fractionated Stereotactic Radiotherapy For Acoustic Neuromas. *Journal of Neuro-Oncology*, 86(2): 191-194, 2008. (Electronic Publication Date: July 11, 2007) PMID: 17622486 <http://www.ncbi.nlm.nih.gov/pubmed/17622486>
- f. **McClelland S III**, Gerbi BJ, Cho KH, Hall WA. The Treatment of a Large Acoustic Tumor With Fractionated Stereotactic Radiotherapy. *Journal of Robotic Surgery*, 1(3): 227-230, 2007. (Electronic Publication Date: August 28, 2007) PMID: 25484968 <http://www.ncbi.nlm.nih.gov/pubmed/25484968>
- g. **McClelland S III**, Dusenbery KE, Higgins PD, Hall WA. Treatment of a Facial Nerve Neuroma With Fractionated Stereotactic Radiotherapy. *Stereotactic and Functional Neurosurgery*, 85(6): 299-302, 2007. (Electronic Publication Date: August 17, 2007) PMID: 17709984 <http://www.ncbi.nlm.nih.gov/pubmed/17709984>
- h. **McClelland S III**, Higgins PD, Gerbi BJ, Orner JB, Hall WA. Fractionated Stereotactic Radiotherapy For Pituitary Adenomas Following Microsurgical Resection: Safety and Efficacy. *Technology in Cancer Research and Treatment*, 6(3): 177-180, 2007. PMID: 17535025 <http://www.ncbi.nlm.nih.gov/pubmed/17535025>
- i. **McClelland S III**, Barnett GH, Neyman G, Suh JH. Repeat Trigeminal Nerve Radiosurgery for Refractory Cluster Headache Fails To Provide Long-Term Pain Relief. *Headache*, 47(2): 298-300, 2007. (Electronic Publication Date: November 17, 2006) PMID: 17300376 <http://www.ncbi.nlm.nih.gov/pubmed/17300376>
- j. **McClelland S III**, Tendulkar RD, Barnett GH, Neyman G, Suh JH. Long-Term Results of Radiosurgery for Refractory Cluster Headache. *Neurosurgery*, 59(6): 1258-1263, 2006. PMID: 17277688 <http://www.ncbi.nlm.nih.gov/pubmed/17277688>
- k. **McClelland S III**, Garcia RE, Monaco SE, Goldman JE, Olson TJ, Kim GH, Petrylak DP, Goodman RR. Carcinomatous Meningitis from Urachal Carcinoma: The First Reported Case. *Journal of Neuro-Oncology*, 76(2): 171-174, 2006. (Electronic Publication Date: November 19, 2005) PMID: 16307300 <http://www.ncbi.nlm.nih.gov/pubmed/16307300>

## D. Research Support

### Completed Research Support

3R01 NS35140-07S1 Hamberger (PI) 10/1/04-9/30/05

National Institute of Neurological Disorders and Stroke Minority Research Supplement

Cortical Localization in Temporal Lobe Epilepsy

The objective of this project is to utilize cortical language mapping of the temporal lobe to elucidate the role of auditory naming sites in the neuro-functional organization of language.

Role: Co-Investigator

5T35 HL07616-22 Bank (Program Project Director) 6/1/01-8/31/01

National Heart, Lung, and Blood Institute National Research Service Award

Short-Term Training In Health Professional Schools

Competitive entry into NIH funded summer research project in the Department of Neurological Surgery, Columbia University College of Physicians and Surgeons.

Role: Co-Investigator