

Christopher Haskins, MD

Curriculum Vitae

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Address: 145 Willow Mill Park Rd, Mechanicsburg, PA 17050

Current Position

2022-present: Radiation Oncologist
UPMC, Central Pennsylvania

Training

Post-Graduate

2018-2022: Residency, Department of Radiation Oncology
University of Maryland School of Medicine

- Served as Chief Resident 2020-2021

2017-2018: Transitional Year Internship, Henry Ford Hospital, Detroit, MI

Graduate

2014-2017: Indiana University School of Medicine
Doctorate of Medicine

Undergraduate

2009-2012: Indiana University, Bloomington, IN
Bachelor of Science in Neuroscience with High Distinction
Minor in Chemistry

Honors and Awards

2017: William J. Wright Scholarship
Indiana University, School of Medicine

- Prestigious scholarship from the cancer center awarded for research endeavors to future oncologists

2012: Phi Beta Kappa
Indiana University, Bloomington

2009-2012: Hutton Honors College
Indiana University, Bloomington

Professional Leadership and Committees:

2021: Interdepartmental Radiation Oncology Network Meeting, UM Department of Radiation Oncology

2021: Clinical Operations Group, UM Department of Radiation Oncology

2021: Quality Monitoring Meeting, UM Department of Radiation Oncology

2021: Survey Readiness Committee, UM Department of Radiation Oncology

2020: Institutional Clinical Practice Guidelines Committee, Pancreas, UM Department of Radiation, Oncology

2019: Institutional Clinical Practice Guidelines for Proton Therapy, UM Department of Radiation Oncology

Additional Coursework

2023: Brachytherapy Course, ABS
Seattle, Washington

2021: Business of Health Care Specialization:
Penn Med Wharton
-Financial Acumen for Non-Financial Managers
-The Economics of Health Care Delivery
-Management Fundamentals
-Health Care Innovation

2021: Statistics with Python Specialization:
University of Michigan
-Understanding and Visualizing Data with Python

2021: Python Specialization:
University of Michigan
-Programming for Everybody

Research Experience

2018-2022: Department of Radiation Oncology, University of Maryland
- Focused on integration of diet and exercise in the cancer clinic, including molecular mechanisms, reviews of current evidence, and involvement in a clinical trial at the Maryland Proton Treatment Center adding personal weight training to prostate cancer treatment.

2016: Department of Radiation Oncology, University of Pittsburgh Medical College
Primary Investigator: Dr. Colin Champ, MD
- Reviewed evidence of changes in human physiologic markers from intake of various food sources, and how those markers change when the sourcing of food differs.

2013-2015: Department of Radiation Oncology, Indiana University School of Medicine
Primary Investigator: Dr. Jeffrey Buchsbaum, MD, PhD
- Analyzed an experience of ATRT patients getting proton therapy, and radiation necrosis in a larger cohort of pediatric patients.

2012-2013: Department of Anesthesiology, Penn State Hershey Medical Center
Primary Investigator: Dr. Daniel Morgan, PhD
- Performed bench research focused on pain tolerance signaling of cannabinoids in vivo.

2009-2012: Department of Neuroscience, Indiana University, Bloomington
Primary Investigator: Dr. Ken Mackie, MD, Dr. Daniel Morgan, PhD
- Trained in electrophysiology; characterized signaling of the cannabinoid-2 receptor.

Publications

Published Peer Reviewed Journal Articles

1. **Haskins CP**, Champ CE, Miller R, Vyfhuis MAL. Nutrition in Cancer: Evidence and Equality. *Adv Radiat Oncol*. 2020 May 24;5(5):817-823. doi: 10.1016/j.adro.2020.05.008. PMID: 33083643; PMCID: PMC7557144.
2. Kaiser A, **Haskins C**, Siddiqui MM, Hussain A, D'Adamo C. The evolving role of diet in prostate cancer risk and progression. *Curr Opin Oncol*. 2019;31(3):222-229. doi:10.1097
3. Henderson-Redmond AN, Nealon CM1, Davis BJ, Yuill MB, Sepulveda DE, Blanton HL, Piscura MK, Zee ML, **Haskins CP**, Marcus DJ, Mackie K, Guindon J, Morgan DJ. c-Jun N terminal kinase signaling pathways mediate cannabinoid tolerance in an agonist-specific manner. *Neuropharmacology*. 2020 Mar 1;164:107847. doi: 10.1016/j.neuropharm.2019.107847. Epub 2019 Nov 20.
4. **Haskins CP**, Henderson G, Champ CE. Meat, eggs, full-fat dairy, and nutritional boogeymen: Does the way in which animals are raised affect health differently in humans? *Crit Rev Food Sci Nutr*. 2019;59(17):2709-2719. doi: 10.1080/10408398.2018.1465888. Epub 2018 May 18.
5. Champ CE, Iarrobino NA, **Haskins CP**. Hospitals lead by poor example: An assessment of snacks, soda, and junk food availability in Veterans Affairs hospitals. *Nutrition*. 2019 Apr;60:70-73. doi: 10.1016/j.nut.2018.09.028. Epub 2018 Oct 9.
6. CE Champ, NA Iarrobino, **CP Haskins**. Data of unhealthy food availability in hospitals. [Data Brief](#). 2018 Nov 3;21:1738-1744. doi: 10.1016/j.dib.2018.10.084
7. **Haskins CP**, [Nurkic S](#), [Fredenburg KM](#), [Dziegielewski PT](#), [Mendenhall WM](#). Primary orbital melanoma treated with orbital exenteration and postoperative radiotherapy: A case report and review of the literature. [Head Neck](#). 2018 Mar;40(3):E17-E20. doi: 10.1002/hed.24983.
8. Marcus DJ, Zee ML, Davis BJ, **Haskins CP**, Andres MJ, Amin R, Henderson-Redmond A, Mackie, K, Czyzyk T, Morgan DJ. Mice Expressing a "Hyper-Sensitive" Form of the Cannabinoid Receptor 1 (CB1) Are Neither Obese Nor Diabetic. *PLoS One*. 2016;11(8):e0160462. Published 2016 Aug 8. doi:10.1371/journal.pone.0160462
9. **Haskins CP**, B.S., Babita Jyoti, M.D., Matt Hines, R.T.T., Victor Simoneaux, R.T.T. Jeffrey C. Buchsbaum, M.D., Ph.D., A.M. Single Center Results following Proton Beam Therapy in Children with Atypical Teratoid Rhabdoid Tumors of the Central Nervous System. *International Journal of Particle Therapy*, Summer, 1-10, 2015
10. Kralik SF, Ho CY, Finke W, Buchsbaum JC, **Haskins CP**, Shih CS. Radiation Necrosis in Pediatric Brain Tumor Patients Treated with Proton Radiotherapy. *American Journal of Neuroradiology*, Aug: 36(8): 1572-8., 2015
11. Wu C.S., Morgan D, Jew C.P., **Haskins C.P.**, Andrews M.J., Leishman E, Spencer C.M., Czyzyk T, Bradshaw H, Mackie K, Lu H.C.. Long-term consequences of perinatal fatty acid amino hydrolase inhibition. *British Journal of Pharmacology*, 171(6), 1420–1434. 2014
12. Atwood, B. K., Wager-Miller, J., **Haskins, C.**, Straiker, A., & Mackie, K. Functional Selectivity in CB₂ Cannabinoid Receptor Signaling and Regulation: Implications for the Therapeutic Potential of CB₂ Ligands. *Molecular Pharmacology*, 81(2), 250–263. 2012

Submitted Peer Reviewed Journal Articles

1. **Haskins CP**, Cohen J, Kaiser, A. Low Carbohydrate Diets in Cancer Therapeutics: Current Evidence. *Frontier Nutrition*, 2021

Abstracts and Posters

1. **Haskins CP**, Siddiqui O, Lin J, Bentzen S, Mishra M, Vujaskovic Z. Rectal Volume and Quality of Life in Prostate Cancer Patients Receiving *Pediococcus*-Based Probiotics and Radiation Therapy: A Prospective Randomized Trial. *International Journal of Radiation Oncology, Biology, Physics* Poster Presentation, October 27, 2021
2. Siddiqui O; **Haskins CP**; Bentzen S; Mishra M. Optimal Scheme in Hypofractionated Stereotactic Radiation Therapy for Brain Metastases. *American Society for Radiation Oncology Annual Conference*, Poster Presentation, October 27, 2021
3. **Haskins CP**, D Kronfli, A Lievers, L Waldo, K Baker, SM Bentzen, P Mohindra, MAL Vyfhuis. Characterizing Definitively Treated Cancer Patients Living Within Food Priority Areas (FPAs) to Find Predictors of Perceived Access to Healthy Meals. *International Journal of Radiation Oncology, Biology, Physics* 108 (3), e415-e416. 2020. Presented virtually, ASTRO Annual Meeting 2020
4. Buchsbaum J.C., **Haskins C.P.**, Ho C.Y., Kralik S.F., Shih C.S. Lateral Beam Edges and Safety: Correlation with Imaging Radiation Necrosis in Pediatric Brain Tumor Patients Treated with Proton Beam Therapy. *International Journal of Radiation Oncology, Biology, Physics*. 91(3), E509. 2015
Buchsbaum JC in attendance, ASTRO annual meeting, San Antonio, TX, 2015

Invited Presentations

1. Buchsbaum J.C., **Haskins C.P.**, Ho C.Y., Kralik S.F., Shih C.S. Lateral Beam Edges and Safety: Correlation with Imaging Radiation Necrosis in Pediatric Brain Tumor Patients Treated with Proton Beam Therapy. Presented by Buchsbaum JC at Pediatric Radiation Oncology Society (PROS), Ljubljana, Slovenia, 2015
2. Buchsbaum J.C., **Haskins C.P.**, Jyotie B., Hines M., Simoneaux V. Single Center Results following Proton Beam Therapy in Children with Atypical Teratoid Rhabdoid Tumors of the Central Nervous System. Presented by Buchsbaum JC at International Society of Pediatric Oncology (SIOP), Toronto, Canada, 2014