Jessica E. Thaxton, PhD, MsCR
Associate Professor
Department of Cell Biology & Physiology
Joint Faculty, Microbiology & Immunology
University of North Carolina at Chapel Hill

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Expertise

Cancer immunologist studying how cellular stress and organelle biology shape immune dysfunction in cancer. Her research defines a cell biological framework for understanding how the tumor microenvironment alters immune cell function through changes in stress signaling, metabolic state, and organelle architecture. Her laboratory integrates tumor immunology, immunometabolism, cell biology, and stress biology to uncover fundamental mechanisms of immune dysfunction and identify new strategies for cancer immunotherapy.

Leadership & Academic Appointments

Chair, Awards Review Committee — 2026-PRES
Society for Immunotherapy of Cancer

Director & Creator, Cancer Grants Studio — 2025-PRES
Junior Faculty Grant Development Program
University of North Carolina, Chapel Hill, NC

Joint Faculty, Department of Microbiology & Immunology — 2025-PRES
University of North Carolina, Chapel Hill, NC

Co-Chair, Awards Review Committee — 2024-2026
Society for Immunotherapy of Cancer

Co-Leader, Cancer Cell Biology Program, Lineberger Comprehensive Cancer Center — 2024-PRES
University of North Carolina, Chapel Hill, NC

Co-Chair, Translational Immune Oncology Study Section — 2024-PRES
National Cancer Institute, USA

Standing Member, Translational Immune Oncology Study Section — 2024-PRES
National Cancer Institute, USA

Associate Professor, Department of Cell Biology & Physiology — 2022-PRES
University of North Carolina, Chapel Hill, NC

Assistant Professor, Medical University of South Carolina, Charleston, SC — 2017-2021
Departments of Orthopedics, Microbiology & Immunology

Post-doctoral Fellow, Medical University of South Carolina, Charleston, SC — 2012-2016
Department of Microbiology & Immunology

Post-doctoral Fellow, Oregon Health & Sciences University, Portland, OR — 2010-2012
Department of Microbiology & Immunology

Graduate Student, Brown University, Providence, RI — 2004-2009
Department of Microbiology & Immunology

Research Funding Portfolio

Active Grants:

MF-2601-11979, Mathers Foundation — 09/01/2026 – 08/31/2029
ER Architecture as a Determinant of T Cell Metabolism in Cancer — $700,000
Role: PI

R01CA310022A, NIH/NCI — 04/01/2026 – 03/31/2031
Regulation of Immunometabolism by the Integrated Stress Response in Cancer — $3,791,819
Role: PI

R01CA288976A1, NIH/NCI — 12/01/2024-11/30/2029
Manipulating Lipid Metabolism to Reverse Immune Dysfunction in Cancer — $2,105,180
Role: PI

R01CA305975A1, NIH/NCI — 07/06/2026 – 06/30/2031
Mechanisms of ATF4-Macrophage Dysfunction in Cancer — $3,990,063
Role: MPI (Thaxton/ Guerriero)

V Foundation, Adult Translational Grant — 07/15/2025 – 07/14/2029
The Cellular Response to Stress as A Mechanism of ICI Resistance in Cancer — $800,000
Role: PI

R61CA309698-01, NIH/NCI — 04/01/2026 – 03/31/2029
Multiplexed multiscale imaging for cellular immunotherapies — $699,275
PI: Legant
Role: Co-I

R37 CA269499-01, NIH/NCI — 04/01/2022-03/31/2027
Immunometabolic Pathways Enabled by PARP Inhibition in Breast Cancer — $143,806
PI: Guerriero
Role: Co-I

5-P30-CA016086-43 — 06/01/1997 - 11/30/2027
Cancer Center Support Grant — $41,436
PI: Ferris
Role: Program Co-Leader

R01 Not Assigned-A1-01, NIH/NCI — 09/01/2026 – 08/31/2031
ADCK3 and MAP3K4 as repressors of CAR-T cell stemness — $41,436
PI: Dotti
Role: Co-I

SPORE, NIH/NCI — 09/01/2026-08/31/2031
Yale-UNC HNSCC SPORE — $21,436
MPI: Ferris, Burtness
Role: Co-I, Project 2

Scientific Publications

1. Pratt BM, Mullins GN, Brown N, Green WD, Modliszewski J, Xie F, Van Rooyen L, Zhabotynsky V, Jambor AN, Cannon G, Green JM, Kennedy AS, Shi H, Merritt E, Egawa T, Somasundaram A, Wang W, **Thaxton JE**, Dotti G, Chung HK, Milner JJ. Latent Regulatory Programs Generate Synthetic T Cell States with Enhanced Therapeutic Potential. https://www.biorxiv.org/content/10.64898/2026.01.07.698190v1.full. *In revision*, *Nature*.

2. Kennedy AS, Clutton GT, Hunt EG, Hem JW, Alicea Pauneto CDM, Riesenberg BP, Green JM, Hurst KE, Hagle RS, Sheft LS, Zhou X, Esther RJ, Knochelmann HM, Paulos CM, Neskey D, Cubillos-Ruiz J, Savoldo B, Dotti G, Earp HS, Trivedi S, Liu Y, Green WD, Milner JJ, Genereux JC, Salmon WC, Wiseman RL, **Thaxton JE**. Tumor Stress Rewires Endoplasmic Reticulum Architecture to Enforce T Cell Dysfunction. *Pre-Accepted, Immunity.* 2026

3. Walhart T, Song F, Biondi M, Stucchi S, Li G, Peishun P, Suzuki K, Hunt EG, Kennedy AS, **Thaxton JE**, Withers T, Hunsucker S, Tsahouridis R, Serafini M, Flick L, Lichtman EI, Woodcock M, Su L, Yang Z, Xiong G, Cui Z, Wang P, Liu C, Savoldo B, Armistead P, Dotti G. High-avidity Cathepsin-G specific CAR-T cells for the treatment of Acute Myeloid Leukemia. *Blood*. 2026

4. Chung HK, Liu C, Jambor AN, Riesenberg BP, Sun M, Casillas E, Chick B, Wang A, Wang J, Ma S, Mcdonald B, He P, Yang Q, Chen T, Varanasi SK, LaPorte M, Mann TH, Chen D, Hoffmann F, Tripple V, Ho J, Modliszewski J, Williams A, Cho UH, Liu L, Wang Y, Hargreaves DC, **Thaxton JE**, Milner JJ, Kaech SM, Wang W. Atlas-Guided Discovery of Transcription Factors for T Cell Programming. bioRxiv. 2025 Jan 4; doi: 10.1101/2023.01.03.522354. PubMed PMID: 36711632; PubMed Central PMCID: PMC9881845. *Nature*. 2026

5. Alicea Pauneto CDM, Riesenberg BP, Gandy EJ, Kennedy AS, Clutton GT, Hem JW, Hurst KE, Hunt EG, Green JM, Miller BC, Angus SP, Johnson GP, Esther RJ, Gao P, Soto-Pantoja DR, Ferris RL, Modliszewski JL, Coleman MF, Chung HK, Milner JJ, Moschos SJ, Wiseman RL, **Thaxton JE**. Intra-tumoral hypoxia promotes CD8$^+$ T cell dysfunction via chronic activation of the integrated stress response transcription factor ATF4. Oct 14;58(10):2489-2504.e8 doi: 10.1016/j.immuni.2025.09.003. *Immunity.* 2025

6. Green WD, Gomez A, Plotkin AL, Pratt BM, Merritt EF, Mullins GN, Kren NP, Modliszewski JL, Zhabotynsky V, Woodcock MG, Green JM, Cannon G, Pipkin ME, Dotti G, **Thaxton JE**, Pylayeva-Gupta Y, Baldwin AS, Morris IV JP, Stanley N, Milner JJ. Enhancer-driven regulatory networks reveal transcription factors governing CD8$^+$ T cell differentiation and adaptation in the tumor microenvironment, May 22:S1074-7613(25)00193-1. *Immunity*. 2025

7. Hunt EG, Hurst KE, Riesenberg BP, Kennedy AS, Gandy EJ, Andrews AM, Alicea Pauneto CDM, Ball LE, Wallace ED, Gao P, Meier J, Serody JJ, Coleman MF, **Thaxton JE**. Acetyl-CoA Carboxylase Obstructs CD8$^+$ T-Cell Lipid Utilization in the Tumor Microenvironment. Mar 11:S1550-4131(24)00055-X. doi: 10.1016/j.cmet.2024.02.009. *Cell Metabolism*. 2024

8. Rangel Rivera GO, Dwyer CJ, Knochelmann HM, Smith AS, Aksoy BA, Cole AC, Wyatt MM, Kumaresan S, **Thaxton JE,** Lesinski GB, Paulos CM. Progressively enhancing stemness of adoptively transferred T cells with PI3Kδ blockade improves metabolism and anti-tumor immunity. Jan 2;84(1):69-83. *Cancer Research*. 2024

9. Riesenberg BP, Hunt EG, Andrews AM, Hurst KE, Tennant MD, Leddy LR, Neskey DM, Hill EG, Gao P, Ball LE, **Thaxton JE**. Stress-mediated translation attenuation undermines T cell tumor control. Dec 2;82(23):4386-4399. doi: 10.1158/0008-5472.CAN-22-1744. PMID: 36126165. *Cancer Research*. 2022

10. Hunt EG, Andrews AM, Larsen S, **Thaxton JE**. The ER-mitochondria Interface as a Dynamic Hub for T Cell Efficacy in Solid Tumors. Apr 27; 10:867341. doi:1 0.3389/fcell.2022.867341. PMID: 35573704. *Frontiers in Cell and Developmental Biology*. 2022

11. Smith AS, Knockelmann HM, Wyatt MM, Dwyer CJ, Rangel Rivera GO, Rivera Reyes AM, **Thaxton JE**, Bartee EC, Rubinstein MP, Liu B, Paulos CM. B cells imprint adoptively transferred CD8$^+$ T cells with enhanced tumor immunity. Jan;10(1):e003078. doi: 10.1136/jitc-2021-003078.PMID: 35017148. *Journal of Immunotherapy of Cancer*. 2022

12. Mehta A, Cheney EM, Hartl C, Pantelidou C, Oliwa M, Castrillon JA, Lin J-R, Hurst, KE, Taveira M, Johnson NT, Oldham WM, Kalocsay M, Berberich MJ, Boswell SA, Kothari A, Johnson S, Dillon DA, Lipschitz M, Rodig S, Santagata S, Garber JE, Tung N, **Thaxton JE**, Mittendorf EA, Sorger PK, Shapiro GI, Guerriero JL. Targeting immunosuppressive macrophages overcomes PARP inhibitor resistance in BRAC1-associated triple-negative breast cancer. Dec; 2, 66-82. *Nature Cancer*. 2021

13. Wallace K, El Nahas GJ, Bookhout C, **Thaxton JE**, Lewin DN, Nikolaishvili-Feinberg N, Cohen SM, Brazeal JG, Hill EG, Wu JD, Baron JA, Alekseyenko AV. Immune responses vary in preinvasive colorectal lesions by tumor location and histology. cancer. Sep;14(9):885-892. doi: 10.1158/1940-6207.CAPR-20-0592. PMID: 34341013. *Cancer Prevention Research*. 2021

14. Rangel Rivera GO, Smith AS, Knockelmann HM, Wyatt MM, Dwyer CJ, Rivera Reyes AM, **Thaxton JE**, Paulos CM. Fundamentals of T cell metabolism and strategies to enhance cancer immunotherapy. Mar 18;12:645242. doi: 10.3389/fimmu.2021.645242. PMID: 33815400. *Frontiers in Immunology*. 2021

15. Thomas U. Marron, MD, PhD, Aideen E. Ryan, PhD, Sangeetha M. Reddy, MD, Msci, Sabina Kaczanowska, PhD, Rania H. Younis, BDS, MDS, PhD, Dipti Thakkar, PhD, Jiajia Zhang, MD, MPH, Todd Bartkowiak, PhD, Rachel Howard, PhD, Kristin G. Anderson, PhD, Daniel Olson, MD, Abdul Rafeh Naqash, MD, Ravi B. Patel, MD, PhD, Esha Sachdev, MD, María Esperanza Rodríguez-Ruiz, MD, PhD, Michal Sheffer, PhD, Sarah E. Church, PhD[18], Christopher Fuhrman, PhD[18], Abigail Overacre-Delgoffe, PhD[19], Rosa Nguyen, MD, PhD[13], Vaia Florou, MD, **Jessica E. Thaxton, PhD**, David H. Aggen, MD, PhD and Jennifer L. Guerriero, PhD. Considerations for treatment duration in responders to immune checkpoint immunotherapy. Mar;9(3):e001901. PMID: 33653801. *Journal of Immunotherapy of Cancer*. 2021

16. Andrews AM, Tennant MD, **Thaxton JE**. Stress relief for cancer immunotherapy: Implications for the ER stress response in tumor immunity. Oct 26; doi: 10.1007/s00262-020-02740-3. PMID: 33104836. *Cancer Immunology and Immunotherapy*. 2020

17. Halbert CH, Jefferson MS, Danielson C, Froeliger B, Giordano A, **Thaxton JE**. An observational study and randomized trial of stress reactivity in cancer disparities. Sep;39(9):745-757. doi: 10.1037/hea0000882. PubMed PMID: 32833476. *Health Psychology*. 2020

18. Dwyer CJ, Arhontoulis DC, Rangel Rivera GO, Knochelmann HM, Smith AS, Wyatt MM, Rubinstein MP, Atkinson C, **Thaxton JE**, Neskey DM, Paulos CM. Ex vivo blockade of PI3K gamma or delta signaling enhances the antitumor potency of adoptively transferred CD8$^+$ T cells. May 8;. doi: 10.1002/eji.201948455. PubMed PMID: 32383488. *European Journal of Immunology*. 2020

19. Hurst KE, Lawrence KA, Robino RA, Ball LE, Chung D, **Thaxton JE**. Remodeling Translation Primes CD8$^+$ T-cell Antitumor Immunity. May;8(5):587-595. doi: 10.1158/2326-6066.CIR-19-0516. Epub 2020 Feb 19. PubMed PMID: 32075802. *Cancer Immunology Research*, *Priority Brief*. 2020

20. Hurst KE, Lawrence KA, Reyes Angeles L, Ye Z, Zhang J, Townsend DM, Dolloff N, **Thaxton JE**. Endoplasmic Reticulum Protein Disulfide Isomerase Shapes T Cell Efficacy for Adoptive Cellular Therapy of Tumors. Nov 26;8(12). doi: 10.3390/cells8121514. PubMed PMID: 31779147; PubMed Central PMCID: PMC6953024. *Cells*. 2019

21. Hurst KE, Lawrence KA, Essman MT, Walton ZJ, Leddy LR, **Thaxton JE**. Endoplasmic Reticulum Stress Contributes to Mitochondrial Exhaustion of CD8$^+$ T Cells. Mar;7(3):476-486. doi: 10.1158/2326-6066.CIR-18-0182. Epub 2019 Jan 18. PubMed PMID: 30659052; PubMed Central PMCID: PMC6397687. *Cancer Immunology Research*. 2019

22. **Thaxton JE**, Wallace C, Riesenberg B, Zhang Y, Paulos CM, Beeson CC, Liu B, Li Z. Modulation of Endoplasmic Reticulum Stress Controls CD4$^+$ T-cell Activation and Antitumor Function. Aug;5(8):666-

675. doi: 10.1158/2326-6066.CIR-17-0081. Epub 2017 Jun 22. PubMed PMID: 28642246; PubMed Central PMCID: PMC5585019. *Cancer Immunology Research*. 2017

23. Ansa-Addo EA, **Thaxton JE**, Hong F, Wu BX, Zhang Y, Fugle CW, Metelli A, Riesenberg B, Williams K, Gewirth DT, Chiosis G, Liu B, Li Z. Clients and Oncogenic Roles of Molecular Chaperone gp96/grp94. 16(25):2765-78. doi: 10.2174/1568026616666160413141613. Review. PubMed PMID: 27072698; PubMed Central PMCID: PMC5041304. *Current Topics in Medicinal Chemistry*. 2016

24. Zhang Y, Wu BX, Metelli A, **Thaxton JE**, Hong F, Rachidi S, Ansa-Addo E, Sun S, Vasu C, Yang Y, Liu B, Li Z. GP96 is a GARP chaperone and controls regulatory T cell functions. Feb;125(2):859-69. doi: 10.1172/JCI79014. Epub 2015 Jan 20. PubMed PMID: 25607841; PubMed Central PMCID: PMC4319419. *Journal of Clinical Investigation*. 2015

25. **Thaxton JE**, Liu B, Zheng P, Liu Y, Li Z. Deletion of CD24 impairs development of heat shock protein gp96-driven autoimmune disease through expansion of myeloid-derived suppressor cells. Jun 15;192(12):5679-86. doi: 10.4049/jimmunol.1302755. Epub 2014 May 7. PubMed PMID: 24808359; PubMed Central PMCID: PMC4185284. *Journal of Immunology*. 2014

26. **Thaxton JE**, Li Z. To affinity and beyond: harnessing the T cell receptor for cancer immunotherapy. 10(11):3313-21. doi: 10.4161/21645515.2014.973314. Review. PubMed PMID: 25483644; PubMed Central PMCID: PMC4514023. *Human Vaccine and Immunotherapeutics*. 2014

27. **Thaxton JE**, Nevers T, Lippe EO, Blois SM, Saito S, Sharma S. NKG2D blockade inhibits poly(I:C)-triggered fetal loss in wild type but not in IL-10-/- mice. Apr 1;190(7):3639-47. doi: 10.4049/jimmunol.1203488. Epub 2013 Mar 1. PubMed PMID: 23455498; PubMed Central PMCID: PMC3608719. *Journal of Immunology*. 2013

28. **Thaxton JE**, Nevers TA, Sharma S. *TLR-mediated preterm birth in response to pathogenic agents.* doi: 10.1155/2010/378472. Epub 2010 Aug 23. Review. PubMed PMID: 20827416; PubMed Central PMCID: PMC2933901. *Infect Dis Obstet Gynecol.* 2010

29. **Thaxton JE**, Sharma S. Interleukin-10: a multi-faceted agent of pregnancy. Jun;63(6):482-91. doi: 10.1111/j.1600-0897.2010.00810.x. Epub 2010 Feb 16. Review. PubMed PMID: 20163400; PubMed Central PMCID: PMC3628686. *American Journal of Reproductive Immunology*. 2010

30. **Thaxton JE**, Romero R, Sharma S. TLR9 activation coupled to IL-10 deficiency induces adverse pregnancy outcomes. Jul 15;183(2):1144-54. doi: 10.4049/jimmunol.0900788. PubMed PMID: 19561095; PubMed Central PMCID: PMC2785500. *Journal of Immunology*. 2009

31. Walters S, Webster KE, Sutherland A, Gardam S, Groom J, Liuwantara D, Mariño E, Thaxton J, Weinberg A, Mackay F, Brink R, Sprent J, Grey ST. Increased CD4+Foxp3+ T cells in BAFF-transgenic mice suppress T cell effector responses. Jan 15;182(2):793-801. doi: 10.4049/jimmunol.182.2.793. PubMed PMID: 19124722. *Journal of Immunology*. 2009

Selected Honors & Awards

2026	Mathers Foundation Research Award
2025	Paper of the Year Award, UNC-Chapel Hill
2025	Forbeck Foundation Faculty, Immunometabolism in Cancer Therapy, Mexico
2025	V Foundation Adult Translational Research Award
2023	Developmental Funds Award, UNC-Chapel Hill
2022	Paper of the Year Award, UNC-Chapel Hill
2020	Foundation for Research Development Award, Medical University of South Carolina
2018	Sparkathon Team Winner, Society for Immunotherapy of Cancer
2018	Selected to Sparkathon, Society for Immunotherapy of Cancer

2017 Selected to Immuno-oncology Young Investigators' Forum, Texas
2017 Dean's Nominee, AAMC Young Female Faculty Leadership Series
2017 Harper Drolet Award for Excellence in Sarcoma Research
2017 Young Investigator Award, Society for Immunotherapy of Cancer
2016 NIH/NCI Paul Calabresi Clinical Oncology Fellowship
2013 ESMO Postdoctoral Travel Award, Belgium
2012 Department of Defense Breast Cancer Research Fellowship Award
2011 Early Clinical Investigator Award, Oregon Health & Science University
2010 NIH Ruth Kirschstein NRSA Fellowship, Oregon Health & Science University
2009 SRI Graduate Travel Award, PA
2008 ASRI Graduate Travel Award, IL
2008 ASRI Outstanding New Investigator Award
2007 ISRI Graduate Travel Award, Brazil
2007 Environmental Toxicology Award, Brown University
2006 1st Place Research Retreat Presentation, Brown University

Select National & International Presentations

2027 Invited Speaker, Feinberg School of Medicine, Northwestern University, Chicago, IL
2026 Invited Keynote Speaker, C-BIO, Valencia, Spain
2026 Visiting Professor, Georgetown-Lombardi Comprehensive Cancer Center, Washington, DC
2026 Invited Speaker, FASEB Organelle Crosstalk Conference, Melbourne, FL
2026 Invited Speaker, Eastern Cooperative Oncology Group-ACRIN, Philadelphia, PA
2026 Invited Speaker, Institute for Molecular Medicine & Biomedical Research, Athens, Greece
2026 Flash Talk, Multifaceted Mitochondria: Cell Press Symposium, Glasgow, Scotland
2026 Invited Speaker, Advancements in Cancer Research and Treatments, Boston, MA
2026 Invited Speaker, Center for Cell Signaling, Rutgers New Jersey Medical School, Newark, NJ
2025 Invited Speaker, Sanford Burnham Prebys, La Jolla, CA
2025 Invited Faculty, Immunometabolism for Cancer Therapy, Forbeck Forum, Mexico City, Mexico
2025 Invited Speaker, FASEB Endoplasmic Reticulum Conference, Melbourne, FL
2024 Invited Speaker, American Society for Hematology Oncology, San Diego, CA
2024 Invited Keynote Speaker, Japanese Society of Immunology, Nagasaki, Japan
2024 Invited Speaker, Wake Forest Baptist Comprehensive Cancer Center, Wake Forest, NC
2024 Winship Elkin Lecturer, Emory University, Atlanta, GA
2024 Invited Speaker, SITC Scientific, Immunometabolism in Cancer Therapy, Miami, FL
2023 Invited Speaker, Agilent Technologies
2023 Invited Speaker, Cancer Drug Discovery, Boston, MA
2023 Invited Speaker, Sanford Burnham Prebys, La Jolla, CA
2022 Invited Speaker, Dana Farber Cancer Center, Boston, MA
2021 Invited Speaker, Lineberger Comprehensive Cancer Center, Chapel Hill, NC
2020 Invited Speaker, Tisch Brain Tumor Center, Duke University, Durham, NC
2020 Invited Speaker, New Mexico Comprehensive Cancer Center, Albuquerque, NM
2018 Invited Speaker, Society for Immunotherapy of Cancer, National Meeting
2018 Invited Speaker, Immune Oncology Young Investigator's Forum, Houston, TX
2018 Invited Speaker, LOWVELO, Hollings Cancer Center Daniel Island, SC

Teaching Activities

2026-2027 Co-Director CBPH706, Dept of Cell Biology & Physiology, UNC Chapel Hill
2025-2026 Co-Director CBPH706, Dept of Cell Biology & Physiology, UNC Chapel Hill
2025-2026 Lecturer, MCRO 731, Dept Microbiology & Immunology, UNC Chapel Hill
2025-2026 Lecturer, CBP853, Dept of Cell Biology & Physiology, UNC Chapel Hill
2024-2025 Co-Director CBPH853, Dept of Cell Biology & Physiology, UNC Chapel Hill
2023-2024 Co-Director CBPH853, Dept of Cell Biology & Physiology, UNC Chapel Hill
2023-2024 Lecturer, MCRO 730, Dept Microbiology & Immunology, UNC Chapel Hill

2022-2023	Co-Director CBPH853, Dept of Cell Biology & Physiology, UNC Chapel Hill
2018-2021	Co-Director, Graduate Introduction to Immunology, MUSC
2016-2020	Lecturer, Basic Orthopedic Science for Clinicians, Department of Orthopedics, MUSC
2016-2021	Lecturer, Translation: Bench to Bedside, Master of Clinical Research, MUSC
2015-2018	Lecturer, Advanced Immunology, Graduate School, MUSC
2007-2009	Teaching Assistant, Introduction to Immunology, School of Medicine, Brown University
2005-2009	Teaching Certificates I, II, III, Sheridan Center for Teaching and Learning, Brown University

Mentee Awards

2026	Jessie Hem	Integrated Translational Oncology Program Grant Award
2025	Samuel Junod, PhD	SPIRE Postdoctoral Fellowship Grant Award
2025	Sumita Trivedi , MD	Robert Winn Career Development Grant Award
2025	Jessie Hem	Integrated Translational Oncology Program Grant Award
2025	Andrew Kennedy	Graduate Fellow in Basic Science Award
2024	Sumita Trivedi , MD	K12 Institutional Training Award
2024	Andrew Kennedy	Lineberger Comprehensive Cancer Center Travel Award
2024	Coral del Mar Alicea Pauneto	Pharmacology Scholars Award
2024	Annaleigh Powell-Benton, PhD	SPIRE Postdoctoral Fellowship Grant Award
2023	Coral del Mar Alicea Pauneto	NIH/NCI Supplemental Grant Award
2023	Elizabeth Hunt	SITC Abstract Award
2022	Elizabeth Hunt	SITC Young Investigator Award
2021	Brian Riesenberg, PhD	Immunology Research and Entrepreneurship Grant Award
2020	Alex Andrews, PhD	Integrative Training in Oncogenic Signaling Grant Award

Education

NCI/NIH Paul Calabresi K12 Clinical Oncology Fellowship — 2016-2018
Hollings Cancer Center, Medical University of South Carolina

Medical University of South Carolina — 2014-2015
Master of Clinical Research

Department of Defense Breast Cancer Research Program Post-Doctoral Fellowship — 2012-2015
Knight Cancer Center, Oregon Health & Science University
Hollings Cancer Center, Medical University of South Carolina

NIH Ruth Kirschstein Fellowship — 2011-2012
Department of Microbiology & Immunology, Oregon Health & Science University

Brown University — 2009
Doctor of Philosophy

Amherst College — 2001
Bachelor of Arts