

## Curriculum Vitae

### Personal Information

Shakira J. Grant, MBBS, MSCR

### Education

#### Undergraduate and Graduate Education

- Master of Science in Clinical Research (MSCR), Gillings' School of Global Public Health, The University of North Carolina at Chapel Hill, May 2023
- Bachelor of Medicine, Bachelor of Surgery (MBBS), University of the West Indies, July 2006

#### Postgraduate Education

- Chief Fellow, Hematology and Oncology, University of Washington, Fred-Hutchinson Cancer Research Center, January 2019 – December 2020
- Fellow, Hematology and Oncology, University of Washington, Fred-Hutchinson Cancer Research Center, July 2017 – December 2020
- Fellow, Geriatric Medicine, University of Pennsylvania, July 2015 – June 2016
- Resident, Internal Medicine, Pennsylvania Hospital, University of Pennsylvania Health System, April 2013 – April 2015
- Intern, Internal Medicine, Pennsylvania Hospital, University of Pennsylvania Health System, April 2012 – April 2013
- Intern, Medicine, Pediatrics, Obstetrics-Gynecology, and Surgery, Queen Elizabeth Hospital, July 2006 – June 2007

#### Certifications

- American Board of Internal Medicine, Hematology, November 2020
- American Board of Internal Medicine, Oncology, November 2020
- American Board of Internal Medicine, Geriatric Medicine, November 2016
- American Board of Internal Medicine, August 2015

#### Professional Experience – Employment History

- Health Policy Advisor, Ways and Means Health Subcommittee (Democrats), U.S. House of Representatives, September 2023-Present
- American Society of Hematology Congressional Science and Engineering Fellow, United States House of Representatives, Ways and Means Committee, Subcommittee on Health, September 2023-Present
- Assistant Director of Qualitative Research, Center for Aging and Health, The University of North Carolina at Chapel Hill, January 2022- October 2023
- Assistant Professor (tenure-track), Division of Hematology, The University of North Carolina at Chapel Hill, January 2021 –October 2023
- T-32 Hematology Research Fellow, University of Washington, January 2018-December 2020
- Chief Fellow, University of Washington, Fred-Hutchinson Cancer Research Center, January 2019-December 2019
- Fellow, Division of Hematology and Oncology, University of Washington, Fred-Hutchinson

Cancer Research Center, July 2017 – July 2020

- Clinical Instructor, Division of Geriatric Medicine, University of Pennsylvania, July 2016 – June 2017
- Senior House Officer, Department of Medicine, Bermuda Hospitals Board, September 2009 – December 2011
- Senior House Officer, Department of Medicine, Bayview Hospital, July 2008 – August 2009
- Senior House Officer, Department of Orthopedics, Queen Elizabeth Hospital, July 2007 – June 2008

### **Consultant/Advisory Roles**

- American Society of Hematology- 2024 Health Equity Collective
- Multiple Myeloma Research Foundation- 2024 Health Equity Summit
- Leukemia Lymphoma Society-Myeloma Link- 2023 and 2024 Community Health Fairs Addressing Cancer Health Disparities

### **Honors**

- White House Fellowship National Finalists, 2024
- Healio Next Generation Disruptive Innovator of the Year, 2023
- Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE) Scholar, National Heart Lung and Blood Institute-sponsored, Augusta, Georgia, 2022
- Butler-Williams Scholar, National Institute on Aging, Bethesda, Maryland (virtual meeting), 2020
- Eastern Pennsylvania Geriatrics Society Annual Meeting, Philadelphia, Pennsylvania, Second Place Oral Presentation, 2016
- Annual Scientific Research Day, University of Pennsylvania Health System, First Place Award for Clinical Research, 2014
- Society for the Advancement of Blood Management, Annual Meeting, Los Angeles, California, First Place Poster Presentation, 2013
- American College of Physicians, Annual Meeting, San Francisco, California, First Place Poster Presentation (clinical vignette) 2013
- Best Clinical Practice Award, Bermuda Hospitals Board, 2009

### **Bibliography and products of scholarship**

#### **Published books and chapters, including pages**

1. Loh KP, Tsang M, **Grant S.J**, Lin R, Klepin H. Hematology: Basic Principles and Practice (8<sup>th</sup> edition), Part XII: Consultative Hematology | Aging and Hematologic Disorders (chapter). Elsevier, 2023
2. **Grant S**, Ford M, Ford P. Patient Blood Management: Multidisciplinary approaches to optimizing care. American Association of Blood Banks (AABB). Bethesda, Maryland, 2016
3. **Grant S**, Ford P, Laio A, Keck G. Patient Blood Management Strategies in Cancer and Chronic Kidney Disease: Perioperative Blood Management, A Physician's Handbook. American Association of Blood Banks (AABB) 3rd Edition. Bethesda, Maryland, 2013.
4. Grant S.J, Jiang DC. Geriatric Medicine: A Person-Centered Evidence-Based Approach, Chapter 53: Hematologic Disorders 5th edition. Publisher: Springer Cham. <https://doi.org/10.1007/978-3-030-01782-8>

#### **Published refereed papers/articles**

## Original Research

1. Grant SJ, Erisnor G, Mills J.A., Wang E., Bates-Fraser L., Adams L., Mihas P. "Paying to be a patient in the hospital and the parking lot:" Patient- Caregiver Dyad Perspectives on Health-Related Transportation Access in Multiple Myeloma. *JCO Oncol Pract.* 2025 Feb. **(In-Press)**
2. Singh N, Faye AS, Abidi MZ, **Grant SJ**, DuMontier C, Iyer AS, Jain N, Kochar B, Lieber SB, Litke R, Loewenthal JV, Masters MC, Nanna MG, Robison RD, Sattui SE, Sheshadri A, Shi SM, Sherman AN, Walston JD, Wysham KD, Orkaby AR. Frailty integration in medical specialties: Current evidence and suggested strategies from the Clin-STAR frailty interest group. *J Am Geriatr Soc.* 2024 Nov 25. doi: 10.1111/jgs.19268. Epub ahead of print. PMID: 39584362. PMCID: Pending
3. **Grant SJ**, Jean-Baptiste M, Mills JA, Mihas P. "First, Trust Needs to Develop": Hematologists' Perspectives on Factors Influencing Black Persons' Participation in Clinical Trials. *J Racial Ethn Health Disparities.* 2024 Oct 18. doi: 10.1007/s40615-024-02205-8. Epub ahead of print. PMID: 39422830. PMCID: Pending
4. **Grant S.J.**, Mills J.A, Telfair J., Erisnor G., Wildes T.M., Bates-Fraser L.C., Olshan A.F., Kent E.E, Muss H.B, Mihas P. "They Don't Care To Study It": Trust, Race and Healthcare Experiences Among Patient-Caregiver Dyads with Multiple Myeloma. *Cancer Med.* 2024;13(10):e7297. doi:10.1002/cam4.7297. PMCID:
5. Gilmore, N., **Grant, S. J.**, Bethea, T. N., Schiaffino, M. K., Klepin, H. D., Dale, W., Hardi, A., Mandelblatt, J. ;Mohile, S., Cancer and Aging Research Group. A scoping review of racial, ethnic, socioeconomic, and geographic disparities in the outcomes of older adults with cancer. *J Am Geriatr Soc.* 2024 Apr 9. doi: 10.1111/jgs.18881. Epub ahead of print. PMID: 38593225. PMCID: 11187671 (available on 2025-05-01)
6. **Grant S.J**, Yanguela J., Odebunmi O., Grimshaw A.A, Giri S, Wheeler S.B. A Systematic Review of Interventions Addressing Racial and Ethnic Disparities in Cancer Care and Health Outcomes. *J Clin Oncol.* 2024 Feb 21:JCO2301290. doi: 10.1200/JCO.23.01290. PMID: 38382005. PMCID: 11095878 (available on 2025-06-01)
7. Kent E. E., Qian Y., Reblin M., **Grant S.**, E., Park E. M., Aimone E., Sterling M., Song, L. Unmet support service needs among rural family caregivers: a population-based U.S. study. *Medical Research Archives* (2023). *Medical Research Archives*, [online] 11(12). <https://doi.org/10.18103/mra.v11i12.4854>. PMID: None
8. Keimweiss S., Gurolnick A, **Grant S.J.**, Burriss J.L., Studts J.L, Lewis-Thames M.W. "Just give it to us straight!": a qualitative analysis of midwestern rural lung cancer survivors and caregivers about survivorship care experiences. *J Cancer Surviv.* 2023 Aug 26. doi: 10.1007/s11764-023-01445-7. Epub ahead of print. PMID: 37632652. PMCID: PMC10895068 (available on 2025-02-26)
9. Jayasekera J, Fernandez J.R, Wojcik K.M, Woo, J.M.P., Wilson, O, Ezeani A, Ish J.I, Bhattacharya M., Ogunsina K, Chang CJ, Cohen, C.M, Ponce S, Kamil D, Zhang J, Le R, Ramanathan AL, Butera G, Chapman C, **Grant S.J**, Lewis-Thames, MW, Dash C, Bethea TN, Forde AT. Opportunities, challenges, and future directions for simulation modeling the effects of structural racism on cancer mortality in the United States: a scoping review. 2023 Nov 8;2023(62):231-245. doi: 10.1093/jncimonographs/lgad020. PMID: 37947336 PMCID: PMCID: 10637025.
10. Mateos M, Ailawadhi S, Costa L.J, **Grant S.J**, Kumar L, Mohty M, Aydin D, Usmani S.Z: Global disparities in patients with multiple myeloma: a rapid evidence assessment. *Blood Cancer J.*

- 13, 109 (2023). <https://doi.org/10.1038/s41408-023-00877-9>. PMID: 37460466. PMCID: PMC10352266
11. Holstein S, **Grant S.J**, Wildes T.M. Chimeric Antigen Receptor T-Cell and Bispecific Antibody Therapy in Multiple Myeloma: Moving Into the Future. *J Clin Oncol*. 2023 Jul 20; JCO2300512. doi: 10.1200/JCO.23.00512. PMID: 37471687. PMCID: PMC10522112
  12. Bates-Fraser L, Mills J.A, Mihas P, Wildes T.M, Kent E, Erisnor G, Adams L, **Grant S.J**. "It's a lot to try to manage and still have some kind of a life" Dyadic Perspectives on the Challenges of Multiple Myeloma. *J Am Geriatr Soc. J Am Geriatr Soc*. 2023 Jun 16. doi: 10.1111/jgs.18482. Epub ahead of print. PMID: 37326501. PMCID: PMC10592551
  13. Cerchione C, **Grant S.J**, Ailawadhi S: Partnering with all Patients: Ensuring Shared Decision-Making and Evidence-Based Management for Underrepresented Groups in Multiple Myeloma. *Am Soc Clin Oncol Educ Book*. 2023 May;43:e390202. doi: 10.1200/EDBK\_390202. PMID: 37167570, PMCID: pending
  14. **Grant SJ**, Wildes TM, Rosko A, Silberstein J, Giri S: A real-world data analysis of early mortality predictors after a multiple myeloma diagnosis. *Cancer*. 2023 Mar 29. doi: 10.1002/cncr.34760. PMID: 36989073, PMCID: PMC9970296
  15. Mian H, McCurdy A, Giri S, **Grant S**, Rochweg B, Winks E, Rosko AE, Engelhardt M, Pawlyn C, Cook G, Jackson G, Bringham S, Facon T, Larocca A, Zweegman S, Wildes TM. The prevalence and outcomes of frail older adults in clinical trials in multiple myeloma: A systematic review. *Blood Cancer J*. 2023 Jan 5;13(1):6. doi: 10.1038/s41408-022-00779-2. PMID: 36599867; PMCID: PMC9813365.
  16. **Grant SJ**, Jansen M, Kuo TM, Rubinstein SM, Wildes TM, Tuchman SA, Muss HB, Lichtman EI, Charlot M. Cross-Sectional Analysis of Clinical Trial Availability and North Carolina Neighborhood Social Vulnerability. *JCO Oncol Pract*. 2023 Feb;19(2):e248-e262. doi: 10.1200/OP.22.00325. Epub 2022 Dec 6. PMID: 36473128; PMCID: PMC9970296.
  17. Yusuf ARS, Heiling HM, Deal AM, Jensen CE, Mangieri NJ, Nyrop KA, Lichtman EI, Rubinstein SM, **Grant SJ**, Wood WA, Tuchman SA, Nakamura ZM. Longitudinal Analysis of Patient-Reported Cognitive Function in Multiple Myeloma. *Clin Lymphoma Myeloma Leuk*. 2022 Dec;22(12):920-927. doi: 10.1016/j.clml.2022.08.002. Epub 2022 Aug 15. PMID: 36085276; PMCID: PMC9691560.
  18. Lee W, Cheng SJ, **Grant SJ**, Marcum ZA, Devine B. Use of geriatric assessment in cancer clinical trials: A systematic review. *J Geriatr Oncol*. 2022 Sep;13(7):907-913. doi: 10.1016/j.jgo.2022.04.014. Epub 2022 May 9. PMID: 35550351.
  19. Jensen CE, Vohra SN, Nyrop KA, Deal AM, LeBlanc MR, **Grant SJ**, Muss HB, Lichtman EI, Rubinstein SM, Wood WA, Mangieri NJ, Jamison L, Tuchman SA. Physical Function, Psychosocial Status, and Symptom Burden Among Adults with Plasma Cell Disorders and Associations with Quality of Life. *Oncologist*. 2022 Aug 5;27(8):694-702. doi: 10.1093/oncolo/oyac079. PMID: 35511734; PMCID: PMC9355823.
  20. Nakamura ZM, Vohra SN, Jensen CE, Nyrop KA, Deal AM, Heiling HM, Mangieri NJ, **Grant SJ**, Lichtman EI, Rubinstein SM, Wood WA, Muss HB, Tuchman SA. Prevalence and clinical correlates of cognitive impairment in adults with plasma cell disorders. *J Geriatr Oncol*. 2022 Sep;13(7):987-996. doi: 10.1016/j.jgo.2022.04.010. Epub 2022 Apr 26. PMID: 35484067.
  21. **Grant SJ**, Grimshaw AA, Silberstein J, Murdaugh D, Wildes TM, Rosko AE, Giri S. Clinical Presentation, Risk Factors, and Outcomes of Immune Effector Cell-Associated Neurotoxicity Syndrome Following Chimeric Antigen Receptor T Cell Therapy: A

- Systematic Review. *Transplant Cell Ther.* 2022 Jun;28(6):294-302. doi: 10.1016/j.jtct.2022.03.006. Epub 2022 Mar 11. PMID: 35288347; PMCID: PMC9197870.
22. **Grant SJ**, Freeman CL, Rosko AE. Treatment of older adult or frail patients with multiple myeloma. *Hematology Am Soc Hematol Educ Program.* 2021 Dec 10;2021(1):46-54. doi: 10.1182/hematology.2021000231. PMID: 34889397; PMCID: PMC8791156.
  23. **Grant SJ**, Joshi G, Lipe B. SOHO State of the Art Updates and Next Questions: Treatment of Older, Vulnerable Adults with Multiple Myeloma. *Clin Lymphoma Myeloma Leuk.* 2022 May;22(5):279-286. doi: 10.1016/j.clml.2021.11.003. Epub 2021 Nov 11. PMID: 34879993; PMCID: PMC9050878.
  24. Jensen CE, Vohra SN, Nyrop KA, Deal AM, Muss HB, Lichtman EI, Rubinstein SM, Wood WA, Mangieri NJ, Jamison L, **Grant SJ**, Tuchman SA. Geriatric-assessment-identified functional deficits among adults with multiple myeloma with normal performance status. *J Geriatr Oncol.* 2022 Mar;13(2):182-189. doi: 10.1016/j.jgo.2021.08.004. Epub 2021 Aug 11. PMID: 34389255; PMCID: PMC8828804.
  25. **Grant SJ**, Mian HS, Giri S, Boutin M, Dottorini L, Neuendorff NR, Krok-Schoen JL, Nikita N, Rosko AE, Wildes TM, Zweegman S. Transplant-ineligible newly diagnosed multiple myeloma: Current and future approaches to clinical care: A Young International Society of Geriatric Oncology Review Paper. *J Geriatr Oncol.* 2021 May;12(4):499-507. doi: 10.1016/j.jgo.2020.12.001. Epub 2020 Dec 17. PMID: 33342724; PMCID: PMC8113071.
  26. **Grant SJ**, Lipe B. Management of Frail Older Adults with Newly Diagnosed Multiple Myeloma - Moving Toward a Personalized Approach. *Clin Lymphoma Myeloma Leuk.* 2020 Sep;20 Suppl 1(Suppl 1):S76-S80. doi: 10.1016/S2152-2650(20)30470-5. PMID: 32862879; PMCID: PMC8931508.
  27. Mian H, **Grant SJ**, Engelhardt M, Pawlyn C, Bringham S, Zweegman S, Stege CAM, Rosko AE, von Lilienfeld-Toal M, Wildes TM. Caring for older adults with multiple myeloma during the COVID-19 Pandemic: Perspective from the International Forum for Optimizing Care of Older Adults with Myeloma. *J Geriatr Oncol.* 2020 Jun;11(5):764-768. doi: 10.1016/j.jgo.2020.04.008. Epub 2020 Apr 17. PMID: 32331928; PMCID: PMC7164909.
  28. Mian HS, **Grant SJ**, Giri S, Tsang M, Jayani RV. Geriatric hematology research at the 2019 American Society of Hematology annual meeting: Young International Society of geriatric oncology perspective paper. *J Geriatr Oncol.* 2020 May;11(4):735-739. doi: 10.1016/j.jgo.2020.01.010. Epub 2020 Jan 31. PMID: 32008956; PMCID: PMC7767579.
  29. Giri S, Williams G, Rosko A, **Grant SJ**, Mian HS, Tuchman S, Zweegman S, Wildes TM. Simplified frailty assessment tools: are we really capturing frailty or something else? *Leukemia.* 2020 Jul;34(7):1967-1969. doi: 10.1038/s41375-020-0712-5. Epub 2020 Jan 24. PMID: 31980732; PMCID: PMC7332387.
  30. **Grant SJ**, Haase KR, Marinho J. Perspectives on geriatric oncology research presented at the 2019 International Society of Geriatric Oncology Annual Meeting: Young International Society of Geriatric Oncology report. *J Geriatr Oncol.* 2020 Apr;11(3):549-552. doi: 10.1016/j.jgo.2020.01.003. Epub 2020 Jan 15. PMID: 31954630; PMCID: PMC7103488.
  31. Alvarez W, Lai LH, **Grant SJ**, Sabath DE, Dillon J. Burkitt lymphoma of the maxilla in a HIV positive male - Presentation and review of diagnostic laboratory tests. *Oral Maxillofac Surg Cases.* 2019 Sep;5(3):100113. doi: 10.1016/j.omsc.2019.100113. Epub 2019 Jul 3. PMID: 33282691; PMCID: PMC7714209.
  32. **Grant SJ**, Kothari S, Gimotty PA, Gooneratne NS, Cuker A. Quality of direct oral

- anticoagulant prescribing in elderly patients with non-valvular atrial fibrillation: results from a large urban health system. *J Thromb Thrombolysis*. 2018 Jul;46(1):1-6. doi: 10.1007/s11239-018-1651-0. PMID: 29611105.
33. Ford PA, **Grant SJ**, Mick R, Keck G. Autologous Stem-Cell Transplantation Without Hematopoietic Support for the Treatment of Hematologic Malignancies in Jehovah's Witnesses. *J Clin Oncol*. 2015 May 20;33(15):1674-9. doi: 10.1200/JCO.2014.57.9912. Epub 2015 Apr 13. PMID: 25870085; PMCID: PMC4559609.
  34. **Grant S**, Meykler S, Beach D. Superior vena cava syndrome as an initial presentation of low-grade follicular lymphoma. *J Community Support Oncol*. 2014 Nov;12(11):415-7. doi: 10.12788/jcso.0088. PMID: 25856014.
  35. **Grant S**, Crooks N, Ross T, Anmolsingh R, Gabriel A, Foggo-Osseyran A, Carroll K, Wilson C. A severe pneumonia due to methicillin-resistant staphylococcus aureus clone USA 300: implications of vertical transmission. *West Indian Med J*. 61:145-7, 2012, PMID: 23155959, PMCID: not indicated.

### Published Abstracts

1. **Grant S.J.**, Jean-Baptiste M, Mills J.A, Wang S, Mihas P; *"to Represent a Black Point of View": Willingness of Black Persons with Multiple Myeloma to Participate in Clinical Trials*. *Blood* 2023; 142 (Supplement 1): 1065. doi: <https://doi.org/10.1182/blood-2023-187825>
2. Erisnor G, Mills J., Bates L.C, Mihas P, **Grant S.J**, "Are we gonna be able to get the treatments that we need?" Patient-informal caregiver perspectives on health care access barriers in multiple myeloma. **Presidential Poster Presentation**, American Geriatrics Society annual meeting 2023, San Diego, California
3. Adams L., Bates L.C, Mills J., Mihas P, **Grant S.J.** "A Toll On Your Body That Affects So Many Things": Patient Caregiver Perspectives On The Functional Impact Of Multiple Myeloma. **Poster Presentation**, American Geriatrics Society annual meeting 2023, San Diego, California
4. **Grant S.J.** Bates-L.C, Mills J., Mihas P. "Don't worry you're just getting older" Patient- Informal Caregiver Perspectives On Diagnostic Delays In Multiple Myeloma. **Poster Presentation**, American Geriatrics Society annual meeting 2023, San Diego California
5. Erisnor G, Mills J, Mihas P, Bates L, Moore M, Wildes TM, Adams L, Muss HB, **Grant SJ**. "...Paying to be a Patient in the Hospital and the Parking Lot": Dyadic Perspectives on Multiple Myeloma-Related Healthcare Access Barriers. *Blood*. 2022;140 (Supplement 1):425-6. DOI 10.1182/blood-2022-165551. **Oral presentation**
6. **Grant SJ**, Jean-Baptiste M, Moore M, Mills J, Bates L, Tuchman SA, Mihas P. "If You Don't Trust Your Doctor That Much...You'd Feel Less Confident Doing a Research Study": Factors Influencing Black Patient Participation in Hematology Trials. *Blood*. 2022;140(Supplement 1):924-5. DOI 10.1182/blood-2022-167763. **Oral presentation**
7. **Grant SJ**, Jean-Baptiste M, Moore M, Mills J, Bates L, Tuchman SA, Mihas P. "You Have Your Knowledge, but I Have My Knowledge of My Body": The Hematologist-Patient Relationship and Enrollment of Black Participants in Clinical Trials. *Blood*. 2022;140(Supplement 1):930-1. DOI 10.1182/blood-2022-170394. **Oral presentation**
8. Erisnor G, Mills J., Moore M, Bates L.C, Mihas P, **Grant S.J.** "If [multiple myeloma] is just for Black people, they don't care to study it, maybe that's why it is no cure": Dyadic perspectives on the legacy of Tuskegee and trust in medical care for multiple myeloma. ASCO Quality Care Symposium (2022), Chicago, IL. Available at <https://meetings.asco.org/abstracts-presentations/214411;2022>. **Poster presentation**

9. Lewis-Thames M, Gurolnick B.A, **Grant S. J**, Keimweiss S. "Just give it to us straight!": a qualitative analysis of midwestern rural lung cancer survivors and caregivers' survivorship care experiences. American Association for Cancer Research annual meeting, Philadelphia, PA. Available at <https://www.aacr.org/meeting/15th-aacr-conference-on-the-science-of-cancer-health-disparities-in-racial-ethnic-minorities-and-the-medically-underserved/abstracts/> (B012) **Poster presentation**
10. Mills J, Moore M, Bates L.C., Mihas P, Wildes TM, **Grant S. J**. Living with Multiple Myeloma: Patient and Informal Caregiver Perspectives on the Impact of Physical Function Impairments and COVID- 19 Restrictions on Social Activities. International Society of Geriatric Oncology Annual Meeting (2022), Geneva, Switzerland. Available from: <https://siog-2022.elsevierdigitaledge.com/> (**S75**) **Poster presentation**
11. Mian H, McCurdy A, Giri S, **Grant SJ** et al. The prevalence and outcomes of frail older adults in clinical trials in multiple myeloma: A systematic review. International Myeloma Working Group Meeting (2022). **Poster Presentation**
12. Lynch D, Johnson M, Spangler HB, **Grant S**, Kahkoska A, Haaland P, Marron S, Batsis JA. Association Between Physical Frailty and Quality of Life: National Health and Aging Trend Study (NHATS) 2011-2020. International Congress of Frailty and Sarcopenia Research (2022). Boston MA. **Oral Presentation**
13. **Grant S.J**, Deal A, Heiling H, Nyrop K.A, Muss H.B, Rubinstein S.M, Lichtman E.I, Wildes T.M, Tuchman S.A. A Cross-Sectional Analysis of County-Level Social Vulnerability and Physical Frailty Among Adults with Hematological Malignancies. Poster Presentation. *Blood*. 2021;138(Supplement 1):4130-4130. doi:10.1182/blood-2021-149742
14. Silberstein J, Giri S, Wildes TM, Rosko AE, **Grant SJ**. Early Mortality and associated risk factors among older adults with newly diagnosed multiple myeloma. International Society of Geriatric Oncology annual conference (virtual) (2021). **Oral Presentation**
15. **Grant SJ**, Silberstein J, Gaddy J, Joshi G, Wildes TM. A Grassroots Mentoring Program to Enhance Representation by BIPOC and Women Trainees in Clinical Research at an Academic Medical Center. Leadership, Empowerment, and Development (LEAD) conference (2021). **Oral Presentation**
16. **Grant S**, Jansen M, Tuchman S, Rubinstein S, Lichtman E, Charlot M. Social vulnerability and clinical trial access for older adults with myeloma in North Carolina. *Journal of Clinical Oncology* 2021 39:15\_suppl, e18540-e18540
17. Jensen C, Nyrop K, Vohra S, Deal A, Muss H, Lichtman E, Rubinstein S, Tuchman S, **Grant S**. Physical function, cognitive impairment, and quality-of-life among adults with multiple myeloma and associated plasma cell disorders. *Journal of Clinical Oncology* 2021 39:15\_suppl, e20004- e20004
18. **Grant S**, Richards C, Burwick N, Liu CF, Hebert P, O'Hare A. Evaluating the intensity of end-of-life care in a veteran cohort with multimorbidity. American Geriatrics Society Annual Meeting, Long Beach, CA (2020) *Journal of the American Geriatrics Society*. 2020;68: S84
19. **Grant S**, Brand J, Chauncey T, Wildes T. The prevalence of neurocognitive dysfunction and other geriatric impairments in a veteran population with multiple myeloma undergoing autologous hematopoietic stem cell transplantation. International Society of Geriatric Oncology Annual Meeting, Geneva, Switzerland. (2019) *Journal of Geriatric Oncology*, Volume 10, Issue 6, S48 - S49
20. **Grant S**, Hannan L, Brand J, Richard R, Wu D, Graf S, Grim J, Burwick N, Chauncey T. Impact of Neurocognitive Dysfunction in a Veteran Population Undergoing First Outpatient Autologous Hematopoietic Stem Cell Transplantation for Multiple Myeloma.

- American Society of Hematology Annual Meeting, Orlando, FL. (2019) *Blood*. 134. 5883-5883. 10.1182/blood-2019-122580.
21. **Grant S**, Richards C, Burwick N, Hebert P, O'Hare A. Quality of end-of-life care for veterans with metastatic cancer and advanced chronic kidney disease. American Society of Oncology Annual Meeting. *Journal of Clinical Oncology* (2019) 37:15\_suppl, e18281-e18281
  22. **Grant S**, Kothari S, Gimotty P, Gooneratne N, Cuker A. Prescribing practices of DOACS in adults age 65 and older with atrial fibrillation: results from a large academic center. International Society of Geriatric Oncology Annual Meeting, Amsterdam, Netherlands. (2018)
  23. **Grant S**, Kothari S, Gimotty P, Gooneratne N, Cuker A. Quality of prescribing practices of the Direct Oral Anticoagulants in older adults with atrial fibrillation. Eastern Pennsylvania Geriatrics Society annual meeting, Philadelphia, Pennsylvania. (2016) (Oral presentation)
  24. **Grant S**, Ford P. Management of thrombocytopenia without the use of transfusion support. American College of Physicians Annual Meeting, Orlando, FL. (2014)
  25. **Grant S**, Keck G, Ford P. Iron deficiency anemia: An important yet under-recognized and unmet need in pregnancy. Academy of Women's Health Annual Meeting, Washington DC. (2014)
  26. Ford P, **Grant S**, Keck G. The use of simple patient blood management strategies as an alternative to platelet and red cell transfusion in autologous stem cell transplant. American Society of Hematology Annual Meeting, New Orleans, LA.(2013). *Blood* 2013 122:2140
  27. **Grant S**, Liao A, Ford P. Treatment of 119 Jehovah's witnesses with hematological malignancies using high dose chemotherapy and autologous stem cell transplant. Society for the Advancement of Patient Blood Management Annual Meeting, Los Angeles, CA. (2013). *Transfusion* 2013 4A-4A.
  28. **Grant S**, Beach D. Superior vena cava syndrome as an initial presentation of low-grade follicular lymphoma. American College of Physicians Annual Meeting, San Francisco, CA. (2013)
  29. **Grant S**, Jones J.K. An epidemiological overview of primary musculoskeletal malignancies in Barbados 2003 – 2008. Caribbean Center for Orthopedic Surgery Regional Meeting, Castries, St. Lucia. (2009)

#### **Digital and other novel forms of scholarship such as blog posts, video posts, or podcasts**

1. **Grant S.J.** Embracing Change and Becoming Unstoppable. Notes from the Hill (op-ed) , ASH Clinical News vol 10|no 11, October 2024, page 9
2. **Grant S.J.** Finding connections between cancer care, AI, climate change and health equity. Notes from the Hill (op-ed), ASH Clinical News vol 10| no 6 June 2024 ,page 9
3. **Grant S.J.**, Navigating the intersection of Medicine and Policy, Notes from the Hill (op-ed), ASH Clinical News vol 10| no 2, February 20, page 1
4. **Byrne, J., Grant S.J.** Study of medical mistrust a 'crucial first step' to improving equitable access to care available from: <https://www.healio.com/news/hematology-oncology/20240724/study-of-medical-mistrust-a-crucial-first-step-to-improving-equitable-access-to-care>
5. **Grant S.J** and Onwuemene T: The Clinician Researcher podcast available from <https://rss.com/podcasts/clinicianresearcher/1062116/>
6. **Grant S.J.:** The GrantLab-Advancing Health Equity in Multiple Myeloma (2023) <https://www.facebook.com/GrantLabMM> and <https://www.youtube.com/@GrantLab>

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12. **Grant S.J.** Research round-up from ASCO 2022. Progress in treating people age 60 and older Available from: <https://www.cancer.net/blog/2022-07/2022-asco-annual-meeting-research-round-advances-treating-multiple-myeloma-breast-cancer-and-cancer>
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#### **Other, including book reviews and other products of scholarship**

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3. **Grant S.J.** Oyedeji C. ASH 2022 Meeting Highlights: A focus on Age and Race-Related Disparities in Multiple Myeloma and Sickle Cell Disease. ASCP Post article (2023). Available from: [Studies Focusing on Age- and Race-Related Disparities in Multiple Myeloma and Sickle Cell Disease - The ASCO Post](#)
4. **Grant S.J.** ASH 2022 Preview: Perspectives of Black Patients and Hematologists About Increasing Enrollment of Black Americans in Clinical Trials (2022). Available from: <https://opmed.doximity.com/articles/ash-2022-preview-perspectives-of-black-patients-and-hematologists-about-increasing-enrollment-of-black-americans-in-clinical-trials>
5. **Grant SJ.** Multilevel interventions are needed to reduce racial disparities in clinical trial enrollment. Healio HemOnc Today (2022). <https://www.healio.com/news/hematology-oncology/20221212/multilevel-interventions-needed-to-reduce-racial-disparities-in-clinical-trial-enrollment>
6. **Grant S.J.**, Oyedeji C, Gilmore N. Paving the Way for Increased Representation of Black Faculty in Academic Medicine: The Role of Mentoring. The Hematologist (2022) 19 (6) <https://doi.org/10.1182/hem.V19.6.2022611>. Available from: [Paving the Way for Increased Representation of Black Faculty in Academic Medicine: The Role of Mentoring | The Hematologist | American Society of Hematology \(ashpublications.org\)](#)

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8. Presley C, **Grant S.J**, Loh K.P, Overcash J. Association of Community Cancer Centers: Practical Application of Geriatric Assessment: A How-To Guide for the Multidisciplinary Team. A chapter on functional status (2021). Available from: [Geriatric Assessment How To Guide \(acc-cancer.org\)](#)
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## Teaching Activities

### Lecture

#### To fellows or postdoctoral

1. June 9 2023: Forging Connections: Uniting Geriatrics and Health Disparities in Multiple Myeloma, Chapel Hill, North Carolina
2. Apr 27, 2020: Geriatric Medicine fellows lecture series, "Cognition and Cancer," Seattle, Washington
3. Jul 8, 2019: Hematology-Oncology Fellows Core Lecture series, "Myeloma 101", Seattle, Washington.
4. Feb 8, 2019: Hematology Fellows Conference, "Caring for the older unfit adult with Multiple Myeloma: A review in current treatments," Seattle, Washington.
5. Apr 13, 2018: Hematology Fellows Conference, "Frailty and the implications on Myeloma Management," Seattle, Washington.

### Grand Rounds

1. May 9, 2023: Internal Medicine Grand Rounds, Multiple myeloma in older Black adults, understanding and addressing drivers of healthcare disparities, WakeMed Raleigh (virtual)
2. Jan 24, 2020: Hematology Grand Rounds, "Cognitive dysfunction and its impact on patients with hematological malignancies," Seattle, Washington
3. Sept 20, 2019: Department of Medicine Grand Rounds, "The Role of Geriatric Assessment and other Frailty measures in Oncology," Seattle, Washington.
4. Apr 9, 2019: Chief of Medicine Rounds, "Beyond Performance Status: The role of Geriatric Assessments in the Management of Multiple Myeloma," Puget Sound Veterans Health Administration, Seattle, Washington.
5. Mar 29, 2018: Multiple Myeloma Rounds, "CAR-T Cell Therapy, A Clinical Case," Seattle, Washington.
6. March 2017: Geriatric Medicine Grand Rounds, "Geriatric Assessment and the Impact on Survival and Toxicities in Older Adults," Philadelphia, Pennsylvania.

### **Continuing Education Lecture**

1. Oct 27, 2021: A tale of three passions: Caring for older adults, clinical research and mentorship, Carolina Health Samaritan Society, Chapel Hill, North Carolina
2. Oct 5, 2021: "Examining the perspectives of care partners in patient-centered Geriatric Hematology research" Patient Advocates for Research Council, lunchtime seminar, Chapel Hill, North Carolina
3. Sept 20, 2021: Research lecture, "Social Science Research in Geriatric Hematology," Chapel Hill, North Carolina
4. Mar 15, 2021: Parker Conference, "Care of the Patient who Refuses Blood Products," Chapel Hill, North Carolina

### **Invited Lectures**

1. February 28, 2025: Artificial Intelligence, Promises, Pitfalls and Implications for Health Equity, 47<sup>th</sup> Annual Minority Health Conference, University of North Carolina at Chapel Hill
2. September 10, 2024: Artificial Intelligence and Its Implications In Health Equity, MMRF Health Equity Summit, College Park, Maryland
3. December 10, 2023: Health Equity Rounds: Health Workforce Diversity and Equity, ASH Annual Conference, San Diego, California
4. October 3, 2023 Merging Molecular and Aging Assessments to Guide Therapy in Older Patients With Myeloma, SOHO Italy Conference (Rome, Italy) (virtual presentation)
5. June 2, 2023: Merging Molecular and Aging Assessments to Guide Therapy in Older Patients With Myeloma, ASCO Annual Meeting, Educational Session
6. May 23, 2023: Integrating a health equity lens into Geriatric Oncology, Veterans Affairs Extension for Community Health Outcomes (ECHO) (Cancer Rehabilitation) lecture series, webinar
7. May 16, 2023: Leveraging Patient and Caregiver Stories to Inform Community-Driven Solutions to Achieve Equitable Healthcare Access for Socially Disadvantaged Adults with Multiple Myeloma, Hematology Malignancies, University of Nebraska Medical Center, Omaha, NE
8. March 28, 2023: Geriatric Hematology: moving towards equitable care from research to clinical practice, Veterans Affairs Extension for Community Health Outcomes (ECHO) (Hematology) lecture series, webinar
9. Feb 23, 2023: Healthcare Access Barriers and Multiple Myeloma (Black Myeloma Health by HealthTree Foundation), online
10. Aug 18, 2022: Addressing Age, Race, and Socioeconomic Factors that Influence Multiple Myeloma Care and Outcomes (Black Myeloma Health by HealthTree Foundation), online
11. Jun 5, 2022: Geriatric Assessment: Prognosticator, Predictor, and Actionable, American Society of Clinical Oncology annual meeting, Chicago, Illinois
12. Apr 12, 2022: Social disparities and the health and aging of older adults with multiple myeloma and their caregivers, Hematology division research

presentation

13. Feb 26, 2022: Addressing Myeloma Disparities (Myeloma Crowd Round Table Webcast)
14. Nov 10, 2021: Practical Application of Geriatric Assessment: Considerations for Your Largest Patient Group, 38<sup>th</sup> Annual [Virtual] Association of Community Cancer Centers National Oncology Conference
15. Oct 18, 2021: Answers Now: Geriatric Oncology and Multiple Myeloma, Patient Power, webinar
16. Sept 28, 2021: "Caring for the older adult with cancer: moving beyond research to clinical practice implementation" Veterans Affairs Extension for Community Health Outcomes (ECHO) lecture series, webinar
17. June 18<sup>th</sup>-23<sup>rd</sup>, 2021: American Society of Clinical Oncology's inaugural Oncology Summer Internship (OSI), "Caring for the Older Adult with Cancer," online educational program
18. Mar 20, 2021: BinayTara Foundation: Management of Multiple Myeloma: Clinical Updates from ASH20, "Frontline Myeloma Care for Older and Frail Adult Populations," online conference
19. Aug 11, 2020: VA-ECHO Hematology webinar, "Geriatric Assessments in Hematology: A call to action," Seattle, Washington
20. Feb 15, 2019: Hematologic Malignancies Conference, "More than just a Plasma Cell Disorder," Seattle, Washington.
21. Apr 25, 2018: Lymphoma Research Foundation Rounds, "Diffuse Large B-Cell Lymphoma the challenges," Seattle, Washington.
22. Nov 3, 2017: Hematologic Malignancies Conference, "A case of recurrent Epistaxis and Anosmia," Seattle, Washington.

## Grants

### Completed:

1. Grant No. 1-R03-AG074030-01 08/15/2021-04/30/2024  
**Grants for Early Medical and Surgical Specialists Transition to Aging Research (GEMSSTAR)**  
**Sponsor: National Institute on Aging**  
This award supports examining functional and quality of life trajectories, social factors, and the myeloma-related illness experiences of older adult patient-care partner dyads with newly diagnosed multiple myeloma.  
Role: Principal Investigator
2. Grant No. 5R25HL106365-13 (PI: Betty Pace)  
Subaward No. 33737-33 (PI: Shakira Grant) 01/01/2023-08/31/2023  
**Sponsor: NIH National Heart, Lung, and Blood Institute (Programs to Increase Diversity Among Individuals Engaged in Health-Related Research)**  
This award supports the development of a community-based peer-delivered intervention that addresses the complex psychosocial needs including individual determinants such as medical mistrust that influences access to quality cancer care among older, and socioeconomically disadvantaged Black adults with hematological cancers.

Role: Principal Investigator

3. Grant No. 5-K12-CA120780-13 07/01/2021-06/30/2023

**Paul Calabresi Oncology K12 Career Development Award**

**Sponsor: National Cancer Institute**

This award supports career development through a series of mentored activities and didactics. It will support conducting a mixed-methods study to quantify the frequency and severity of decrements in cognitive function, physical function, and quality of life and elicit the myeloma-related illness and treatment experiences of older adult patient-care partner dyads living with previously treated multiple myeloma.

Role: Scholar

4. Grant No. A21-0961-001 02/15/2021 - 02/15/2023

**Sponsor: V Foundation for Cancer Research**

This award supports a mixed-methods study to understand patient and provider perspectives on the factors influencing communication and decision-making about clinical trial enrollment among Black patients with multiple myeloma.

Role: Co-investigator.

### Editorial Boards

- Section Editor, Special Article Collection: Racial and ethnic disparities in cancer care, BioMed Central (BMC) Cancer, 2024-2025

### Service

1. To discipline:
  - Organizing Committee Member, Multiple Myeloma Research Foundation, Health Equity Summit, Washington, D.C., 2024
  - Moderator, Geriatric Hematology symposium, American Society of Hematology Annual Meeting, San Diego, CA, 2023
  - American Society of Hematology Health Equity Task Force mentee member, 2023- present
  - Faculty facilitator, Junior Faculty Research Special Interest Group, Career Development Session, American Geriatrics Society Annual Meeting, Long Beach, CA, 2023
  - Faculty facilitator, Trainee & Early Career Oncologist roundtable, American Society of Clinical Oncology, Chicago, 2023
  - Co-Director, American Society of Clinical Oncology, Oncology Summer Institute, 2023
  - Faculty (Cancer in Special Populations- focus on the older adult with cancer), American Society of Clinical Oncology, Oncology Summer Institute, 2022
  - Faculty mentor Medical Student Training in Aging Research (MSTAR) Program 2022-present
  - Clin-STAR annual meeting organizing committee member, 2022
  - Communication core member, Cancer and Aging Research Group, 2022-2023
  - Co-chair, Junior Faculty Board, Cancer and Aging Research Group, 2021- 2023
  - Moderator, Geriatric Hematology symposium, American Society of Hematology Annual Meeting, Atlanta, GA, 2021
  - Faculty (Cancer in Special Populations- focus on the older adult with cancer), American Society of Clinical Oncology Summer Internship, 2021
  - Research methods subcommittee member, American Geriatrics Society, 2020- 2022

- Member, Cancer and Aging Research Group, 2018 – Present
- Member, International Society of Geriatric Oncology, 2018 – Present
- Member, American Society of Clinical Oncology, 2017 – Present
- Member, American Geriatric Society, 2015 – Present
- Member, American Society of Hematology, 2014 – Present
- Member, American College of Physicians, 2012 – 2015

2. Academic Service:

- Faculty advisor Patient and Family Advisory Council- Lineberger Comprehensive Cancer Center, The University of North Carolina at Chapel Hill, 2021- 2023
- Member, Diversity, Equity and Inclusion Committee, Center for Aging and Health, The University of North Carolina at Chapel Hill, 2022- 2023
- Founding Director of the Myeloma Amyloidosis Research Collaborative 2021-2023

3. Community Service:

- Co-led the development and implementation of a Community Health Fair (March 23<sup>rd</sup> 2024: Let's Talk About Blood Cancer) supported by Myeloma Link -Leukemia Lymphoma Society, Fuquay-Varina
- Co-led the development and implementation of a Community Health Fair (June 10<sup>th</sup> 2023: Let's Talk About Blood Cancer) supported by Myeloma Link -Leukemia Lymphoma Society, Raleigh, North Carolina
- Founding Co-Director of the Black Women in Science Empowering Reach (BWISER) group 2022-2025

Current Version Date: 2/17/2025