

JENNIFER CROOK, PhD, RN

University of Central Florida College of Nursing

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EDUCATION

| Year | Degree | Institution | Location |
|-------------|---------------|--|-----------------|
| 2021 | PhD | University of Florida | Gainesville, FL |
| 2006 | BSN | Texas Tech University Health Sciences Center | Lubbock, TX |
| 2005 | ADN | Alvin Community College | Alvin, TX |

LICENSURE AND CERTIFICATION

| Year | Source | Type | Number |
|-------------|--------------------------|-----------------------------|---------------|
| RN | Florida Board of Nursing | Multistate Registered Nurse | RN#9352457 |

EMPLOYMENT

ACADEMIC APPOINTMENTS

| Years | Position | Institution | Location |
|----------------|---------------------|---|------------------|
| 2023 - current | Assistant Professor | University of Central Florida College of Nursing | Orlando, FL |
| 2023-2023 | Assistant Professor | Mayo Clinic College of Medicine and Science | Jacksonville, FL |
| 2022-2023 | Instructor | Mayo Clinic College of Medicine and Science | Jacksonville, FL |

CLINICAL APPOINTMENTS

| Years | Position | Institution | Location |
|--------------|--|--|---------------------------|
| 2019-2020 | Clinical Research RN Coordinator | University of Florida (UF) CARES Pediatric Infectious Disease | Jacksonville, FL |
| 2013-2014 | RN Case Manager | Kindred Hospital | Green Cove Springs, FL |
| 2012-2013 | RN Case Manager | North Florida Regional Medical Center | Gainesville, FL |
| 2008-2009 | Intensive Care Unit RN prn | Mercy Hospital | Cadillac, MI |
| 2007-2008 | Critical Care Unit RN prn | Santa Rosa Medical Center | Milton, FL |
| 2008-2008 | Critical Care Agency RN | Baptist Hospital | Pensacola, FL |
| 2006-2006 | Intensive Care Unit RN prn | Randolph Hospital | Asheboro, NC |
| 2005-2006 | Cardiovascular Intensive Care Unit RN | Clear Lake Regional Medical Center | Webster, TX |

AWARDS AND HONORS

| Date | Award | Organization/Group |
|-------------|---|--|
| 2025 | Early Career Reviewer Program | Center for Scientific Review, National Institutes of Health |
| 2025 | NIH Grant Writing Mentoring Program Awardee | University of Central Florida |
| 2024 | Cancer, Epidemiology, Biomarkers & Prevention Reviewer Training Program (Inaugural Cohort) | American Association for Cancer Research (AACR) |
| 2024 | Office of Research's Grant Writing Academy Awardee (Inaugural Cohort) | University of Central Florida |
| 2024 | 2024 AACR Minority and Minority Serving Institution Faculty Scholar in Cancer Research Award | American Association for Cancer Research (AACR) |
| 2023 | AACR Patient Advocacy Award in Research | American Association for Cancer Research (AACR) |
| 2022 | Finalist for Nutrients 2023 Best Paper Award | Nutrients Journal |
| 2022 | Finalist for 2021 Best Ph.D. Thesis Award | Nutrients Journal |
| 2022 | Invited Participant: Footsteps to Funding Grant Writing Workshop (GMaP) Region 2, funded by the National Cancer Institute | Geographic Management of Cancer Health Disparities Programs (GMaP) |
| 2019 | Iona M. Pettingill Graduate Fellowship in Public and Community Outreach Nursing | University of Florida |
| 2019 | North Florida Doctoral Consortium Award | University of Florida |
| 2018 | Sigma Theta Tau Rising Stars in Nursing Research | Sigma Theta Tau Honor Society |
| 2018 | College of Nursing Student Ambassador to NIH Director and U.S. Representative | University of Florida |
| 2016 | University of Florida Graduate School Fellow | University of Florida |
| 2016 | University of Florida Board of Education Fellow | University of Florida |
| 2003 | U.S. Coast Guard Honorable Discharge | United States Coast Guard |
| 2003 | U.S. Coast Guard Achievement Medal | United States Coast Guard |

| Date | Award | Organization/Group |
|------|--|----------------------------------|
| 1997 | Kiwanis Scholarship for Volunteer Excellence | Sumter County FL Kiwanis Chapter |

RESEARCH AND SCHOLARSHIP

Author 2025 Citation count: 91; h-index: 5, i10 index: 3

PUBLICATIONS *data-based; ^ student co-author[s]; underlined text is hyperlinked

PEER-REVIEWED JOURNAL ARTICLES

- Bolajoko, O. O., Asto-Flores, E., **Crook, J.**, Lee, D., Glaser-Boivin, D., . . . & Odedina, F. (2025). Addressing Diversity in Cancer Research: Research Interests of Black Participants in the Mayo Clinic Community Research Registry. *Journal of the National Cancer Institute Cancer Spectrum*. Under review. *
- Crook, J.M.**, Bolajoko, O., Lee, E., Xie, R., Thiamwong, L., . . . Loerzel, V. (2025). Food Insecurity Associations with Nutritional Inflammatory Mediators of Allostatic Load. *Cancer Epidemiology, Biomarkers, and Prevention*. Under review. *
- Bolajoko, O., **Crook, J.**, Ramirez, C., Greguson, B., Bow, G., . . . Odedina, F. (2025). Impact of Community Engagement for Research and Clinical Trials (CERCT) curriculum in advancing research participation in the community. *Progress in Community Health Partnerships: Research, Education, and Action*. Under review. *
- Crook, J.M.**, Lee, E., Rockenstyre, A., Thiamwong, L., Lopez, J., & Loerzel, V. (2025). Nutritional insecurity and disparities between food security assessment, micronutrient intake and plasma status. *Public Health Nutrition Journal*. Under review. *
- Nguyen, T., Kim, D., Li, Y., Emrich, C., **Crook, J.**, . . . & Xie, R. (2025). Effect of elevated temperature on physical activity and falls in low-income older adults using zero-inflated Poisson and graphical model. *Information*, 16(6), 442. <https://doi.org/10.3390/info16060442> *
- Zhong, Y., Li, J., Jackson, A., Kim, D., Thiamwong, L., **Crook, J.**, . . . & Xie, R. (2024). Battling heat: Community engagement and health strategies for low-income older adults living alone. *Innovation in Aging*, 8(1): 1292. <https://doi.org/10.1093/geroni/igae098.4128> *
- Carr, A., Myint, P.K., Vijewardane, S., Johnstone, A., **Crook, J.**, & Lykkesfeldt, J. (2024). RDA for Vitamin C Revisited: Problems with Increasing Population Bodyweight. *Canadian Journal of Dietetic Practice and Research*, 85(3), 314-315. *
- Brightman, J.D., Lafontant, K., Suarez, J.S.M., **Crook, J.M.**, & Thiamwong, L. (2024). Comparing sleep quality, duration, and efficiency among low-income community-dwelling older adults with and without physical disabilities. *Journal of Gerontological Nursing*, 50(7): 12-18. doi: <https://doi.org/10.3928/00989134-20240618-03> *
- Carr, A., Myint, P. K., Vijewardane, S. C., Johnstone, A., **Crook, J.**, & Lykkesfeldt, J. (2024). An increasing proportion of the population is not covered by the current RDA for vitamin C—Interrogation of EPIC-Norfolk and NHANES 2017/2018 cohorts. *Critical reviews in food science and nutrition*. *
- Odedina, F., Weiland, M., Barbel-Johnson, K., & **Crook, J.M.** (2024). Community Engagement Strategies for Underrepresented Racial and Ethnic Populations. *Mayo Clinic Proceedings*, 99(1): 159-171. doi: <https://doi.org/10.1016/j.mayocp.2023.07.015> *
- Crook, J.M.**, Yoon, S-J.L., Grundmann, O., Horgas, A., & Johnson-Mallard, V. (2023). Subclinical Vitamin C Plasma Levels Associated with Increased Risk of CAD Diagnosis via Inflammation: Results from the NHANES 2003–2006 Surveys. *Nutrients*, 15(3):584. <https://doi.org/10.3390/nu15030584> *
- Crook, J.M.**, Horgas, A.L., Yoon, S.L., Grundmann, O., & Johnson-Mallard, V. (2022). Vitamin C plasma levels associated with inflammatory biomarkers, CRP and RDW: Results from the NHANES 2003- 2006 surveys. *Nutrients*, 14(6):1254. doi: 10.3390/nu14061254. PMID: 35334908; PMCID:

PMC8950002. *

Crook, J., Horgas, A., Yoon, S.J., Grundmann, O., Johnson-Mallard, V. (2021). Insufficient vitamin C levels among adults in the United States: Results from the NHANES surveys, 2003-2006. *Nutrients*, 13(11):3910. doi: 10.3390/nu13113910. PMID: 34836166; PMCID: PMC8625707 *

EDITORIALS

NON-PEER REVIEWED JOURNAL ARTICLES

BOOKS

BOOK CHAPTERS

Crook, J. & Bolajoko, O. (2024). "Clinical Trials and Advocacy." Handbook for Prostate Cancer Advocacy. Principles & Best Practices. Edited by Folakemi Odedina. Published by CaPTC, 2024, pp. 60-64.

TECHNICAL REPORTS

PUBLISHED PROCEEDINGS

PUBLISHED ABSTRACTS

Crook, J.M., Thiamwong, L., Cooks, F., Kim, H., Lee, E., & Loerzel, V. (2025) Nutritional Insecurity in Cancer Survivors: An Examination of Facilitators, Barriers, and the Impact of the Cancer Diagnosis. *Mayo Foundation for Medical Education and Research*, ahead of publication.

Crook, J.M., Lee, E., Xie, R., Thiamwong, L., & Loerzel, V. (2025). Examining racial disparities in the context of food security, poverty, and allostatic load. *Cancer Research*, 84,(6 Supplement), 2198-2198. doi: 10.1158/1538-7445.AM2024-2198.

Crook, J.M., Owings, M., & Loerzel, V. (2025). A longitudinal examination of nutritional-inflammatory biomarker associations with cancer related cognition, treatment side effects and quality of life in newly diagnosed older adults undergoing chemotherapy. *Cancer Research*, 85(8 Supplement 1), 4993-4993. doi: 10.1158/1538-7445.AM2025-4993..

Crook, J.M., Kim D, Xie R, Emrich C, Hawthorne T, Zhong Y, Brightman J, & Thiamwong L. (2024). Examining the Impact of Extreme Heat Temperatures in Food Insecurity Among Low Income Older Adults. *Innov Aging*, 8(Suppl 1):711. doi: 10.1093/geroni/igae098.2320. PMCID: PMC11691206.

Thiamwong L, Kim D, Xie R, Zhong Z, **Crook J**, Emrich C. (2024). Climate-Creative Communities to Promote Physical Activity and Health Equity in Low-Income Settings. *Innov Aging*, 8(Suppl 1):265. doi: 10.1093/geroni/igae098.0858. PMCID: PMC11688872.

Brightman J, Lafontant K, Suarez JR, **Crook J**, Thiamwong L. (2024). Sleep quality, duration, and efficiency in low-income older adults with and without disabilities. *Innovations in Aging*, 8(Suppl 1):362–3. doi: 10.1093/geroni/igae098.1180. PMCID: PMC11689911.

Li Y, Thiamwong L, Kim D, Emrich C, Xie R, **Crook J**, & Zhong Y. (2024). GIS Analysis of Physical Activity and Fall Risk amid Global Warming: Roles of Community Environments. *Innov Aging*, 8(Suppl 1):1247–8. doi: 10.1093/geroni/igae098.3991. PMCID: PMC11692448.

Zhong Y, Li J, Jackson A, Kim D, Thiamwong L, **Crook J**, Emrich C, & Xie R. (2024). Battling Heat: Community Engagement and Health Strategies for Low-Income Older Adults Living Alone. *Innov Aging*, 8(Suppl 1):1292. doi: 10.1093/geroni/igae098.4128. PMCID: PMC11692894.

Crook, J., Lee, E., Xie, R., Bolajoko, O., & Loerzel, V. (2024). Nutritional mediators of inflammation: A cause for increased surveillance. *Cancer Research*, 84(6 Supplement), 2171-2171. *

Crook, J.M., Lee, E., Bolajoko, O., & Xie, R. (2024). Poverty, food insecurity, and nutritional inflammatory mediators of allostatic load. *Cancer Research*, 84(6 Supplement), 2198-2198. *

Gordon, V., Flynn, S., **Crook, J.**, Merriweather, A., Smith, V., . . . Odedina, F. (2023). Addressing health disparities through lunch and learns in underserved communities. Proceedings of 16th AACR

- Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Crook, J.M.**, Bolajoko, O., Greguson, B., Boe, G., Young, K., . . . Odedina, F. (2023). Increasing the arm of research by finding and training key community stakeholders: The Mayo Clinic “Community Engagement in Research and Clinical Trial (CERCT)” curriculum phase 2. Proceedings of 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Turner, J., Husband, L., Otero, J., Bolajoko, O., **Crook, J.**, . . . Odedina, F. (2023). Perspectives of African immigrants on community health needs and clinical trials. Proceedings of 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Asto-Flores, E., Mir, C., Goncalves, S., Garzon, G.M., **Crook, J.**, . . . Odedina, F. (2023). Increasing involvement and accrual in research studies from communities of underrepresented populations through the lens of a community based participatory approach via the Community Research Registry (CoRR). Proceedings of 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Odedina, F.T., Willis, F., **Crook, J.**, Asto-Flores, E., Johnson, K.B., & Workman, C. (2023). Mayo Clinic Comprehensive Cancer Center Community Outreach and Engagement: Increasing clinical trials diversity through Community Research Registry (CoRR): The Community Champions for clinical trials program. Proceedings of the American Association for Cancer Research 2023 Annual Meeting. Orlando, FL. Cancer Res 2023. *
- Fullwood, D., Colon-Otero, G., **Crook, J.M.**, Fathi, P., Asto-Flores, E., . . . Odedina, F. (2023). iCCaRe: Social determinants of health navigation, psycho-oncology, and emotional support for Black prostate cancer survivors: Review of current practices. Proceedings of the American Association for Cancer Research 2023 Annual Meeting. Orlando, FL. Cancer Res 2023. *
- Merriweather, A.J., Fullwood, D., Ngufor, C., **Crook, J.**, Asto-Flores, . . . Odedina, F. (2023). Early detection saves lives: I survived, and you can too— Any day above ground is a good day. Proceedings of the American Association for Cancer Research 2023 Annual Meeting. Orlando, FL. Cancer Res 2023. *
- Lee, D., CaPTC Investigators, **Crook, J.M.**, Enuke, R., Fathi, . . . Odedina, F. (2023). Importance of statistical considerations in multi-center, transatlantic cancer disparity studies: Lessons learned from the CaPTC prostate cancer familial cohort study. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Crook, J.M.**, Bolajoko, O. & Odedina, F. (2023). Community Engagement in Research and Clinical Trial (CERCT) program: The development of an inclusive clinical trials training program for community health workers (CHWs) and pharmacy technicians. Proceedings of the American Association for Cancer Research 2023 Annual Meeting. Orlando, FL. Cancer Res 2023. *
- Willis, F., Odedina, F., Johnson, K.B., Cain, R., & **Crook, J.** (2023). Addressing African American physician engagement in decentralized clinical trial by clinical trials and translation science consortium focus group participation. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Asto-Flores, E., Emeka, I., Ademola, P., Jibrin, P., **Crook, J.**, . . . Odedina, F. (2023). Impact of pesticide exposure in West African Black men within the United States, Cameroon, and Nigeria. Proceedings of the American Association for Cancer Research 2023 Annual Meeting. Orlando, FL. Cancer Res 2023. *
- Rotimi, S.O., Odedina, F., Dronca, R., Ashing, K., **Crook, J.**, . . . Rashad, S.R. (2023). Investigating the biological determinants of poor mental health among ethnically diverse Black prostate cancer survivors: An iCCaRE consortium for prostate cancer in Black men project. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the

- Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Odedina, F., Ngufor, C., Merriweather, A., Pereira, D., **Crook, J.**, . . . Salinas, M. (2023). A point of prostate cancer diagnosis (PPCD) Virtual Robot Assistant (ViRA) intervention for newly diagnosed Black men: An iCCaRE consortium for prostate cancer in Black men project. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Odedina, F., Dronca, R., Ashing, K., Kaninjing, E., **Crook, J.**, . . . Rashad, S.R. (2023). Addressing prostate cancer disparities through the Inclusive Cancer Care Research Equity (iCCaRE) for Black men consortium. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Kaninjing, E., Asiedu, G., Young, M.E., Erefah, E., Odedina, F., . . . **Crook, J.** (2023). The iCCaRE consortium for prostate cancer in Black men: Grounded theory study of the social determinant of health factors among African immigrant men diagnosed with prostate cancer. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Otero, J., Iweala, E., Popoola, A., Jibrin, P., **Crook, J.**, . . . Odedina, F. (2023). Influence of access to care on cancer diagnoses in the CaPTC Prostate Cancer Familial Cohort Study of African Ancestry in Nigeria, Cameroon, and the United States. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Crook, J.M.**, Iweala, E., Popoola, A., Jibrin, P., Faruk, M., . . . Odedina, F. (2023). Vitamin C prediction of cancer diagnosis in men of African ancestry in Nigeria, Cameroon, and the United States: An analysis of the CaPTC prostate cancer study. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Crook, J.M.**, Salinas, M., Fathi, P., Otero Machuca, J., Asto Flores, E., . . . Odedina F. (2023). Expanding current decentralized research model concepts for targeted community health interventions. Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, FL. Cancer Epidemiol Biomarkers Prev 2023. *
- Crook, J.M.** (2018). An investigation of vitamin C and chronic diseases with inflammatory/autoimmune components: A literature review. Sigma Theta Tau 2018 Annual Meeting. Indianapolis, IN. STT *

OTHER PUBLICATIONS

- Crook, J.M.**, Bolajoko, O., Croghan, K., Greguson, B., Boe, G., . . . & Odedina, F. (2024). Clinical Trial Awareness and Enrollment. Community Engagement for Research and Clinical Trials (CERCT) Online Training (8 Modules). <https://mccmscontent.mayo.edu/LSC/CTA/content/index.html#/>

DISSERTATION (optional)

- Crook, J. (2021). *Insufficient vitamin C levels in the United States and the association with inflammation and chronic disease*. [Doctoral dissertation, University of Florida]. Institutional Repository at UF. <https://original-ufdc.uflib.ufl.edu/UFE0057411/00001?search=jennifer+=crook>

MEDIA RELATED TO RESEARCH AND SCHOLARSHIP

Op-Eds/Blog Posts

Radio/Talk Shows/Podcasts (Host or Guest)

Interviews/Media Contributions

1. *Florida Legion post bringing health-care resources to underserved community.* (April 2022). American Legion website.

Webinars; Livestream events

RESEARCH and GRANTS

RESEARCH GRANTS AND SCHOLARLY PROJECTS—FUNDED

| Year | Title, Funding Agency, Role, Investigators | Amount |
|-------------|---|-------------------------|
| 2025 | Office of Research Mentoring Award. <i>University of Central Florida Office of Research.</i> Role: PI | \$3,000.00 |
| 2025 | Understanding Nutritional Insecurity in Cancer Survivors – A Pilot Study. <i>Investigator Funded.</i> Role: PI | Investigator -Funded |
| 2024 | Climate Creative Communities to Promote Physical Activity and Health Equity: A Pilot Study. <i>LIFE Grant.</i> Role: Co-I [PI: Thiamwong] | \$4,836.00 |
| 2023 | Vitamin/Mineral and Inflammatory Correlations To Understand Chronic Stress in the U.S.: The VICTUS Study. <i>Investigator Funded.</i> Role: PI | Investigator -Funded |
| 2023 | Serious Gaming for CINV. <i>NIH 1R01NR020003-01A1.</i> Role: Co-I [PI: Loerzel] | In-Kind |
| 2023 | Geographic Management of Cancer Health Disparities Programs (GMaP) Region 2, Research Reimbursement Award, Moffit Cancer Center. <i>NCI.</i> Role: Awardee | \$2,000 |
| 2022 | Differences in immunological effects of vitamin D replacement among African American prostate cancer patients with localized versus metastatic disease. <i>Investigator Funded (unfunded role added after study initiated).</i> Role: Co-PI [PI: Colon-Otero] | Investigator -Funded |
| 2022 | Transportation Barriers in Research – A Decentralized Approach for Tailored Community Engagement in a Vitamin D Study in Jacksonville, FL. <i>Mayo Clinic Clinical Trials Anywhere - Increase Trial Access via Decentralization Institutional Grant.</i> Role: Co-PI [Co-PI: Colon-Otero] | \$20,000 |
| 2022 | Clinical Trials for Community Health Workers and Pharmacy Technicians curriculum development. <i>Mayo Clinic Office of Research Equity, Inclusion and Diversity (OREID) Projects to Improve Equity, Inclusion and Diversity in Research Institutional Grant.</i> Role: PI | \$50,000 |
| 2022 | Feasibility of Establishing Community Living Labs to Improve Access to Prostate Health Resources, Education, Amenities, and Community Health (REACH) for Black Men. <i>DOD PC220312.</i> Role: Co-I [PI: Odedina] | \$400,000 |
| 2021 | Establishment of an Inclusive Cancer Care Research Equity (iCCaRE) for Black Men Consortium. <i>DOD PC210192.</i> Role: Co-I [PI: Odedina] | \$2,100,000 |
| 2021 | Geographic Management of Cancer Health Disparities Programs (GMaP) Region 2 Research Reimbursement Award, Moffit Cancer Center. <i>NCI.</i> Role: Awardee | \$2,000 |
| 2021 | Geographic Management of Cancer Health Disparities Programs (GMaP) Region 2, Registration Support Award, Moffit Cancer Center. <i>NCI.</i> Role: Awardee | \$2,000 |

EDUCATIONAL GRANTS—FUNDED

| Year | Title, Funding Agency, Role, Investigators | Amount |
|------|--|----------|
| 2025 | Faculty Center Award. <i>University of Central Florida 2025 Summer Faculty Development Institute</i> . Role: Faculty | \$500.00 |

RESEARCH, EDUCATIONAL, AND PROJECT APPLICATIONS SUBMITTED—NON-FUNDED

| Year | Title, Funding Agency, Role, Investigators | Amount |
|------|--|-------------------------------|
| 2024 | Examining the Immunological and Inflammatory Consequences of Nutritional Insecurity. <i>Florida Dept. of Health James and Esther King Biomedical Research</i> . Role: PI | \$599,338 <i>In Review</i> |
| 2024 | The Development of a Cancer Nutritional Insecurity Instrument: A Pilot Study. <i>Florida Dept. of Health Bankhead-Coley Cancer Research</i> . Role: PI | \$430,862 <i>In Review</i> |
| 2024 | Climate-Creative Communities to Promote Physical Activity and Health Equity. <i>NIH R01: NIH PAR-22-210</i> , Role: Co-I [PI: Thiamwong] | \$3,799,989 Not Awarded |
| 2024 | A Pragmatic Clinical Trial to Evaluate the Effect of Precision Personal Health and Precision Public Health (PPH2) in addressing Cancer Health Disparities in MCCC FL Catchment Area. <i>Mayo Clinic Institutional Grant</i> . Role: Consultant | \$2,000,000 Not Awarded |
| 2024 | The Development of a Cancer Nutritional Insecurity Instrument: A Pilot Study. <i>NCI R21: NIH PAR-21-341</i> , Role: PI | \$406,950 Not Awarded |
| 2024 | American Association for Cancer Research. AACR Gertrude B. Elion Award. Role: PI | \$225,000 Not Awarded |

PRESENTATIONS (*data-based; ^ student co-author[s]; Type—podium, poster, keynote, invited)**INTERNATIONAL**

| Month/Year | Title/Conference/Location | Type |
|------------|--|--------|
| April 2025 | Crook, J.M. , Owings, M., & Loerzel, V. A longitudinal examination of nutritional-inflammatory biomarker associations with cancer-related cognition, treatment side effects and quality of life in newly diagnosed older adults undergoing chemotherapy. American Association for Cancer Research (AACR) Annual Meeting 2025. Chicago, IL | Poster |
| April 2025 | Crook, J.M. , Lee, E., Xie, R., Thiamwong, L., & Loerzel, V. Examining Racial Disparities in the Context of Food Security, Poverty, and Allostatic Load. American Association for Cancer Research (AACR) Annual Meeting 2025. Chicago, IL | Poster |
| Nov 2024 | Thiamwong L, Kim D, Xie R, Zhong Y, Crook J , Emrich C. Climate-Creative Communities to Promote Physical Activity and Health Equity in Low-Income Settings. Gerontological Society of America Annual Scientific Meeting. Symposium presentation. Seattle, WA | Podium |
| Nov 2024 | Crook, JM , Kim D, Xie R, Emrich C, Hawthorne T, Zhong Y, Brightman J, & Thiamwong L. Examining the Impact of Extreme Heat Temperatures in Food Insecurity Among Low Income Older Adults. Gerontological Society of | Poster |

America Annual Scientific Meeting. Seattle, WA

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| Nov 2024 | Li Y, Thiamwong L, Kim D, Emrich C, Xie R, Crook J , & Zhong Y. GIS Analysis of Physical Activity and Fall Risk amid Global Warming: Roles of Community Environments. Gerontological Society of America Annual Scientific Meeting. Seattle, WA | Poster |
| Nov 2024 | Zhong Y, Li J, Jackson A, Kim D, Thiamwong L, Crook J , Emrich C, & Xie R. Battling Heat: Community Engagement and Health Strategies for Low-Income Older Adults Living Alone. Gerontological Society of America Annual Scientific Meeting. Seattle, WA | Poster |
| May 2024 | Crook, J.M. What are Clinical Trials? Science of Community Outreach and Engagement Conference (SoCOE). Jacksonville, FL | Invited Podium |
| May 2024 | Crook, J.M. & Bolajoko, O. Clinical Trials in Cancer Advocates Master Trainer Track. Science of Community Outreach and Engagement Conference (SoCOE). Jacksonville, FL | Invited Podium |
| Apr 2024 | Crook, J.M. , Lee, E., Xie, R., Bolajoko, O., & Loerzel, V. Nutritional mediators of inflammation: A cause for increased surveillance. American Association for Cancer Research (AACR) Annual Meeting 2024. San Diego, CA | Poster |
| Apr 2024 | Crook, J.M. , Lee, E., Bolajoko, O., & Xie, R. Poverty, food security, and nutritional inflammatory mediators of allostatic load. American Association for Cancer Research (AACR) Annual Meeting 2024. San Diego, CA | Poster |
| Oct 2023 | Crook, J.M. , Bolajoko, O., Greguson, B., Boe, G., Young, K., Croghan, K., & Odedina, F. Increasing the Arm of Research by Finding and Training Key Community Stakeholders: The Mayo Clinic “Community Engagement in Research and Clinical Trial (CERCT)” Curriculum Phase 2. 16th American Association for Cancer Research (AACR) Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Orlando, Florida | Poster |
| Apr 2023 | Crook, J.M. , Bolajoko, O., Greguson, B., Boe, G., Young, K., Croghan, K., & Odedina, F. Community Engagement in Research and Clinical Trial (CERCT) program: The development of an inclusive clinical trials training program for community health workers (CHWs) and pharmacy technicians. American Association for Cancer Research (AACR) Annual Meeting 2023. Orlando, Florida | Poster |
| Feb 2023 | Crook, J.M. Nurse scientists in research: A vital role in eliminating cancer health disparities. Florida Society of Clinical Oncology (FLASCO) 12th Annual Puerto Rico Oncology Symposium. San Juan, Puerto Rico | Invited Podium |
| Dec 2022 | Crook, J.M. , Horgas, A., Grundmann, O., Yoon, S., & Johnson-Mallard, V. Subclinical insufficient vitamin C plasma levels associated with inflammatory biomarkers, CRP and RDW. 9th Mayo Clinic Symposium on Immuno-Oncology and Tumor Microenvironment Crosstalk. Fernandina Beach, FL | Poster |
| Sept 2022 | Crook, J.M. , Iweala, E., Popoola, A., Jibrin, P., Faruk, M., . . . & Odedina, F. A Vitamin C prediction of cancer diagnosis in men of African ancestry in Nigeria, Cameroon, and the United States: An analysis of the CaPTC prostate cancer study. 15th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. | Poster |

Philadelphia, PA

| | | |
|-----------|---|--------|
| Sept 2022 | Crook, J.M. , Salinas, M., Fathi, P., Machuca, J.O., Flores, E., . . . & Odedina, F. Expanding current decentralized research model concepts for targeted community health interventions. 15th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Philadelphia, PA | Poster |
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NATIONAL

| Month/Year | Title/Conference/Location | Type |
|-------------------|---|---|
| Oct 2025 | Crook, J.M. , Thiamwong, L., Cooks, F., Kim, H., Lee, E., & Loerzel, V. Nutritional Insecurity in Cancer Survivors: An Examination of Facilitators, Barriers, and the Impact of the Cancer Diagnosis. Mayo Clinic Transforming Community and Rural Healthcare 2025. Rochester, MN | Poster Submitted for Review 6/25 |
| May 2025 | Crook, J.M. , Lee, E., Xie, R., Thiamwong, L., & Loerzel, V. Examining Racial Disparities in the Context of Food Security, Poverty, and Allostatic Load. Nutrition 2025 Encore Presentation. Orlando, FL | Poster |
| Sept 2023 | Crook, J.M. , Bolajoko, O., Greguson, B., Boe, G., Young, K., Croghan, K., & Odedina, F. Increasing the Arm of Research by Finding and Training Key Community Stakeholders: Community Engagement in Research and Clinical Trial (CERCT) Curriculum Phase 2. Mayo Clinic Health System Transforming Community and Rural Healthcare: Digital Health and Workforce Innovation Rochester, MN | Poster |
| Nov 2022 | Flynn, S., Odedina, F., Small, C., Merriweather, A., Smith, V., . . . & Crook, J.M. inclusive Cancer Care Research Equity (iCCaRE) partnership with American Legion Post 197 for a community resource center. Mayo Clinic Community Partnership Summit. Phoenix, AZ | Poster |
| Nov 2022 | Odedina, F., Willis, F., Asto Flores, E., Barbel Johnson, K., Workman, C., & Crook, J.M. Mayo Clinic Community Research Registry. Mayo Clinic Community Partnership Summit. Phoenix, AZ | Podium |
| Sept 2018 | Crook, J.M. An investigation of vitamin C and chronic diseases with inflammatory/autoimmune components: A literature review. Sigma Theta Tau Leadership Connection 2018: Transformative Nursing Leadership Indianapolis, IN | Poster |

REGIONAL

| Month/Year | Title/Conference/Location | Type |
|-------------------|--|-------------|
| Apr 2025 | Kim, D., Thiamwong, L., Emrich, C., Li, Y., Xie, R., Zhong, Y., Crook, J. , & Lighthall, N. R. (2025). Roles of Fall Risk Appraisal Matrix: Multidimensional Approaches to Prevent Falls. 2025 Sigma Theta Tau Theta Epsilon Chapter 33rd Annual Scholarship Day, Orlando, FL | Poster |

STATE/LOCAL

| Month/Year | Title/Conference/Location | Type |
|-------------------|---|-------------|
| May 2023 | Crook, J.M. Mayo Clinic Community Research Registry. Community Research Advisory Board Meeting, Virtual. | Invited |

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|----------|---|---------|
| Apr 2023 | Odedina, F., Willis, F., Barbel Johnson, K., Matthews Hew, T., & Crook, J.M. Community Champions for Clinical Trials. Operation Fix Florida's Men Summit 2023, Jacksonville, FL | Invited |
| Oct 2022 | Odedina, F., Willis, F., Barbel Johnson, K., Matthews Hew, T., Crook, J.M. Community Champions for Clinical Trials. iCCaRE Health Fair Event at St. Stevens AME Church, Jacksonville, FL | Invited |

TEACHING-RELATED ACTIVITIES

PROJECT ADVISEMENT AND MENTORING

GRADUATE DISSERTATION / THESIS / PROJECT ADVISING

| Dates | Student | Title | Role |
|-------------------|------------------|---|-----------------------------|
| 06/2025 - present | Stacy-Ann Wallen | Working Title: <i>In Progress</i> | PhD Faculty Advisor |
| 01/2025 - present | Autumn Cross | Working Title: <i>Improving Outcomes for Older Adults: A Quality Improvement Project on Geriatric ED Care Protocols</i> | DNP Project Faculty Advisor |
| 01/2025 - present | Savannah Duke | Working Title: <i>Optimizing Infection Control: A Decision-Support Tool for Pediatric Nurses</i> | DNP Project Faculty Advisor |
| 01/2025 – 12/25 | Shirley Franks | Working Title: <i>An Educational Toolkit Developed to Improve Hypertension Knowledge and Self-Management Skills for Hypertensive Clients in a Transitional Uninsured Clinic</i> | DNP Project Faculty Advisor |
| 01/25 – 08/25 | Alexis Kruchten | Improving Nurses' Self-Confidence in Caring for Deteriorating Patients: A Quality Improvement Project | DNP Project Faculty Advisor |
| 05/2024 -present | Ilana Logvinov | Working Title: <i>Vitality in Later Life: A Qualitative Study</i> | PhD Committee Member |

HONORS UNDERGRADUATE THESIS (HUT) / OTHER PROJECT ADVISING

| Dates | Student/Peer | Title | Role |
|--------------|---------------------|--|-----------------|
| 2024 | Kim Navaro | Nursing Research ADL | Faculty Mentor |
| 2024 | Caroline Griffin | Nursing Research ADL | Faculty Mentor |
| 2024 | self | Instructional Design Learning (IDL) | Course Reviewer |
| 2022-2023 | Roweshawnah Netwon | 1. Pancreatic cancer and healthcare disparities amongst African Americans: A scoping review. <i>Mayo Clinic 9th Symposium on Immuno-Oncology and Tumor Microenvironment Crosstalk</i> Dec. 9-11, 2022. Fernandina Beach, FL 2. Pancreatic cancer and healthcare disparities amongst African Americans: A scoping review | Faculty Chair |

| Dates | Student/Peer | Title | Role |
|-----------|------------------|--|----------------|
| | | accepted. 2022 <i>Mayo Clinic ReTOOL Showcase</i> . Jacksonville, FL. Awarded 1st Place Podium Presentation. | |
| 2022-2022 | Diego Calo-Lopez | Thyroid Cancer and Artificial Intelligence: Utilization of a Deep Learning Algorithm to Triage Atypical Thyroid Aspirates for Detection of Molecular Alterations in Thyroid Nodules. 2022 <i>University of Puerto Rico / Mayo Clinic Showcase</i> . Jacksonville, FL | Faculty Mentor |

COURSES TAUGHT

University of Central Florida, College of Nursing

| Semester / Year | Course | Course Title | Enrolled | Program |
|-----------------|---------------|---|----------|---------------|
| Fall 2025 | NGR7913 | Doctoral Project 3 | 2 | Graduate |
| Fall 2025 | NGR7912C-0W62 | Doctoral Project 2 | 1 | Graduate |
| Fall 2025 | NUR3165-0M04 | Nursing Research | 43 | Undergraduate |
| Fall 2025 | NUR3165 | Nursing Research Course Lead | | Undergraduate |
| Fall 2025 | NUR4197-FW61 | Genetics & Genomics in Nursing Practice | 3 | Undergraduate |
| Summer 2025 | NGR7913-CW15 | Doctoral Project 3 | 1 | Graduate |
| Summer 2025 | NGR7912C-CW62 | Doctoral Project 2 | 2 | Graduate |
| Summer 2025 | NUR3165-CW62 | Nursing Research | 18 | Undergraduate |
| Spring 2025 | NGR7911C-0W61 | Doctoral Project | 4 | Graduate |
| Spring 2025 | NUR3167-0M01 | Accelerated Nursing Research Seminar | 34 | Undergraduate |
| Spring 2025 | NUR3165-0M02 | Nursing Research | 31 | Undergraduate |
| Fall 2024 | NUR3165-0M05 | Nursing Research | 31 | Undergraduate |
| Fall 2024 | NUR3165-0M01 | Nursing Research | 48 | Undergraduate |
| Fall 2024 | NUR3165 | Nursing Research Course Lead | | Undergraduate |
| Summer 2024 | NUR 3616-CW64 | Health Promotion Across the Lifespan | 35 | Undergraduate |
| Spring 2024 | NUR4945L-0062 | Nursing Practicum | 8 | Undergraduate |
| Spring 2023 | NUR3165-0M02 | Nursing Research | 22 | Undergraduate |
| Fall 2023 | NGR 3165-0M01 | Nursing Research | 35 | Undergraduate |

SERVICE-RELATED ACTIVITIES

PEER REVIEW ACTIVITIES

RESEARCH APPLICATIONS

| Date | Organization / Grant Mechanism | Role |
|--------------|---|----------------|
| 2025-Present | NIH Early Career Reviewer (ECR) Program / Center for Scientific Review (CSR), National Institutes of Health | Grant Reviewer |
| 2024-2024 | United Kingdom Research & Innovation (UKRI) | Grant Reviewer |
| 2022-2023 | Mayo Clinic Office of Research Equity, Inclusion and Diversity (OREID) | Grant Reviewer |

ABSTRACT REVIEWS

| Date | Organization | Role |
|-------------|---|-------------|
| 2023 | Mayo Clinic Research Allied Health Symposium (RAHS) | Reviewer |

EXTERNAL REVIEW FOR PROMOTIONS

| Date | Organization |
|-------------|---------------------|
|-------------|---------------------|

EDITORIAL-RELATED SERVICE

| Academic Year | # Reviews Completed |
|----------------------|----------------------------|
| 2025-2026 | 6 |
| 2024-2025 | 9 |
| 2023-2024 | 5 |

| Date | Journal or Publisher | Role |
|--------------|---|----------------------|
| 2025-Present | Cancer, Epidemiology, Biomarkers & Prevention Journal | Reviewer |
| 2025-Present | Nicotine & Tobacco Research Journal | Reviewer |
| 2024-2025 | Cancer, Epidemiology, Biomarkers & Prevention Journal | Reviewer in Training |
| 2024–Present | PLOS One Journals | Reviewer |
| 2023–Present | BMJ Open ScholarOne Manuscripts | Reviewer |
| 2023–Present | Nutrition Reviews Journal | Reviewer |
| 2022–Present | Nutrition Research Journal | Reviewer |

SERVICE TO PROFESSIONAL ORGANIZATIONS

| Date | Organization | Role |
|--------------|---|------------------------------------|
| 2025–Present | American Society for Nutrition – Nutritional Epidemiology Groups Engaging Members (GEM) | Chair-Elect (Submitted 06/25) |
| 2025-Present | American Society for Nutrition – Diet and Cancer Groups Engaging Members (GEM) | Chair-Elect (Submitted 06/2025) |
| 2025-Present | American Society for Nutrition | Member |
| 2025-Present | National Coalition for Cancer Survivorship Champions | Member |
| 2024 – 2025 | American Association for Cancer Research – Women in Cancer Research (WICR) Committee | WICR Scholar Awards Committee |
| 2021-Present | American Association for Cancer Research – Women in Cancer Research (WICR) Committee | Member |

| Date | Organization | Role |
|--------------|---|---|
| 2021-Present | American Association for Cancer Research – Minorities in Cancer Research (MICR) Committee | Member |
| 2021-Present | American Association for Cancer Research | Member |
| 2021–Present | African Organization for Research and Training in Cancer (AORTIC) | Member |
| 2021 | Prostate Cancer Transatlantic Consortium (CaPTC) | 6th annual Biennial Science of Global Prostate Cancer Disparities in Black Men Conference Committee Organizer and Moderator |
| 2021 | African Organization for Research and Training in Cancer (AORTIC) | 13th International Conference on Cancer Committee Organizer and Moderator |
| 2017 | Golden Key Honor Society | Member |
| 2006–Present | Sigma Theta Tau Honor Society of Nursing | Member |
| 2005 | Phi Theta Kappa International Scholastic Order of the Two- Year College | Member |

COMMUNITY-RELATED SERVICE

| Date | Organization | Role |
|--------------|--|----------------------------------|
| 2025-present | East Central Florida Cancer Control Collaborative | Member |
| 2025-present | Department of Food Policy Coalition, Feeding Northeast Florida | Food Access Workgroup Member |
| 2023-present | Mayo Clinic Comprehensive Cancer Center Community Health Collaborative Minimal Risk Clinical Trials for the Minority Health and Health Equity Research Support Service | Faculty Oversight Team Co-leader |
| 2024 | Mayo Clinic Comprehensive Cancer Center African Immigrant Cancer Advocacy Training Program | Faculty Mentor |

CONSULTATION:

LEGAL CONSULTATION

| Date | Case |
|-------------|-------------|
|-------------|-------------|

UNIVERSITY SERVICE:

UNIVERSITY COMMITTEES

| Date | Committee | Role |
|--------------|--|-------------|
| 2024-2027 | Graduate Program Review and Awards | CON Senator |
| 2024–Present | Community Engagement, Policy, and Translational Science Initiative | Member |
| 2023-Present | Population Health Collaborative Council Cancer Initiative | Member |

COLLEGE COMMITTEES

| Date | Committee | Role |
|--------------|--|-------------|
| 2025-Present | R110211 Instructor/Lecturer Search Committee | Member |
| 2024-2025 | Instructor/Lecturer Promotion Review Committee | Member |
| 2023-Present | Faculty Affairs Committee | Member |

OTHER COMMITTEE SERVICE

| Date | Committee | Role |
|-------------|--|---------------|
| Oct 2026 | CON PhD Intensive | Presenter |
| Feb 2025 | CON PhD Intensive | Presenter |
| Jan 2025 | Faculty Excellence Awards 2023-2024 Committee | Interim Chair |
| Oct 2024 | CON PhD Intensive | Presenter |
| 2023-2024 | Faculty Excellence Awards 2023-2024 Committee | Reviewer |
| 2022-2023 | Mayo Clinic Clinical Trials Health Equity & Inclusive Trials Committee | Member |

OTHER COMMUNITY SERVICE

| Date | Service | Role |
|----------------|---|--|
| 2019 - Present | Boy Scouts of America Troop 577, Green Cove Springs FL | Treasurer, Committee Member, Merit Badge Counselor |
| 2019 – 2022 | Christmas Feeding the Homeless Event, Jacksonville, FL | Food Distributor |
| 2016 – 2022 | First Baptist Church of Middleburg, Middleburg, FL | Children’s Ministry Volunteer |
| 2012 – 2016 | First Black Creek Baptist Church, Green Cove Springs, FL | Children’s Ministry Volunteer |
| 2012 – 2022 | Clay County School District, Green Cove Springs, FL | Parent Volunteer |
| 2010 – 2012 | Family Food Care Network, Manton, MI | Co-Manager |
| 2005 – 2006 | Big Brothers/Big Sisters of Houston, Houston, TX | Big Sister Volunteer |
| 2000 – 2001 | Big Brothers/Big Sisters of Topeka, Topeka, KS | Big Sister Volunteer |
| 1997 – 1998 | Alachua County Juvenile Detention Facility, Gainesville, FL | Youth Mentor |
| 1997 – 1998 | Volunteer with Health and Medicine, Gainesville, FL | Volunteer |
| 1995 – 1997 | Sumter County ARC, Bushnell, FL | NICU Hugger |
| 1995 – 1997 | Bushnell Elementary School, Bushnell, FL | Student Volunteer |
| | | Youth Mentor |