



Emory University School of Nursing Assistant Professor Awarded Grant for “Testing the Feasibility of a Transportation for Cancer Care Navigation Tool (TRACT) in Solid Tumors Patients Receiving Radiotherapy”

Atlanta, GA – January 22, 2024 - The Winship American Cancer Society has awarded its Institutional Research Grant Program to **Jinbing Bai RN, MSN, PhD, FAAN**, Assistant Professor with Emory University's Nell Hodgson Woodruff School of Nursing. This grant will support Dr. Bai's innovative research project titled "Testing the Feasibility of a Transportation for Cancer Care Navigation Tool (TRACT) in Solid Tumors Patients Receiving Radiotherapy."

Patients undergoing radiotherapy for cancer often encounter transportation challenges that can significantly hinder their access to cancer care. Individuals facing racial and ethnic disparities, economic hardships, lack of insurance, or residing in rural areas are particularly vulnerable to travel barriers. The routine assessment of travel challenges and the implementation of effective interventions to address transportation needs for cancer patients are currently limited.

This research grant project aims to refine and evaluate the feasibility of the Transportation for Cancer Care Navigation Tool (TRACT) among patients with solid tumors undergoing radiotherapy and facing travel barriers. The TRACT program, developed based on the National Academies of Sciences, Engineering, and Medicine's Social and Medical Care Integration Framework, will promote health equity by mitigating the impact of socioeconomic and geographic disadvantages on cancer treatment outcomes. This research project will establish a Community Advisory Board to refine the TRACT program and utilize a pre-test post-test design to assess its feasibility. Patients with solid tumors undergoing radiotherapy will be screened for travel barriers, and thirty eligible patients will receive the 3-month TRACT program.

Dr. Jinbing Bai is an Assistant Professor from Emory School of Nursing and a member of Winship Cancer Institute, Emory University. His expertise includes treatment toxicities, patient-reported outcomes, and biological mechanisms of symptoms in oncology. He is one of the national Champions for the environmental health in pediatric cancer under the first cohort of Pediatric Oncology Clinician Education Supplement (POCES) training. Dr. Bai has intensive research experience in understanding the role of multilevel social determinants of health in cancer care outcomes, including neighborhood socioeconomic deprivation, ambient air quality, and green spaces. As a cancer researcher, Dr. Bai is very enthusiastic to discover new knowledge and disseminate new evidence to promote quality of life and overall health among cancer populations.

For more information on Dr. Jinbing Bai, visit his [faculty profile](#). To learn more about the Research Project grant, visit the Winship American Cancer Society [website](#).

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About the School of Nursing

As one of the nation's top nursing schools, the Nell Hodgson Woodruff School of Nursing at Emory University is committed to educating visionary nurse leaders and scholars. Ranked the No. 1 master's, No. 2 BSN, and No. 6 DNP programs in the nation by U.S. News & World Report, the school is recognized as a Center of Excellence in Nursing Education by the National League of Nursing. The school offers undergraduate, master's, doctoral and non-degree programs, bringing together cutting-edge resources, distinguished faculty, top clinical experiences, and access to leading health care partners to shape the future of nursing and impact the world's health and well-being. Learn more at nursing.emory.edu.