



## NUTRITION SHARED RESOURCE

The Nutrition Shared Resource (NSR) provides critical support for basic, clinical and population studies evaluating the effects of nutrition on cancer therapies, cancer prevention and cancer population studies. This shared resource expertise is essential for accurate nutrition research studies and adds significant value to trials focused on diminishing the burden of cancer through diet and lifestyle approaches.

The NSR's range of support, provided by an integrated component of The University of Kansas Cancer Center, allows for the inclusion of key endpoints into clinical trials and fosters education and training of oncology nutrition for scientists and healthcare professionals.

## WHY IS THIS IMPORTANT TO YOUR RESEARCH?

Research shows that diet affects the risk of several major cancers. Comprised of nutrition experts, the NSR can help design and conduct trials to study the effects of diet patterns, specific nutrients, nutraceuticals, drug-nutrient interactions, or energy balance on cancer or health outcomes.

## SERVICES

To support KU Cancer Center members' research activities, the Nutrition Shared Resource aims to:

1. Consult on intervention design and diet strategies to employ for animal or human studies.
2. Develop, organize and perform quantitative measurement of dietary intake, nutrition status/ malnutrition screening or body composition of research participants.
3. Provide standardized meals to research participants for clinical feeding trials.
4. Conduct group nutrition education and cooking classes for study participants.
5. Measure nutrition literacy of research participants and/or provide educational materials tailored to study participants.
6. Analyze nutrition biomarkers.
7. Process and analyze stool samples for microbiome studies.

## LOCATIONS

Services are provided at the KU Clinical Research Center, Westwood and KU Hospital locations, as well as via outreach to Masonic Cancer Alliance partners and sites across the KU Cancer Center catchment area.

## LEARN MORE

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