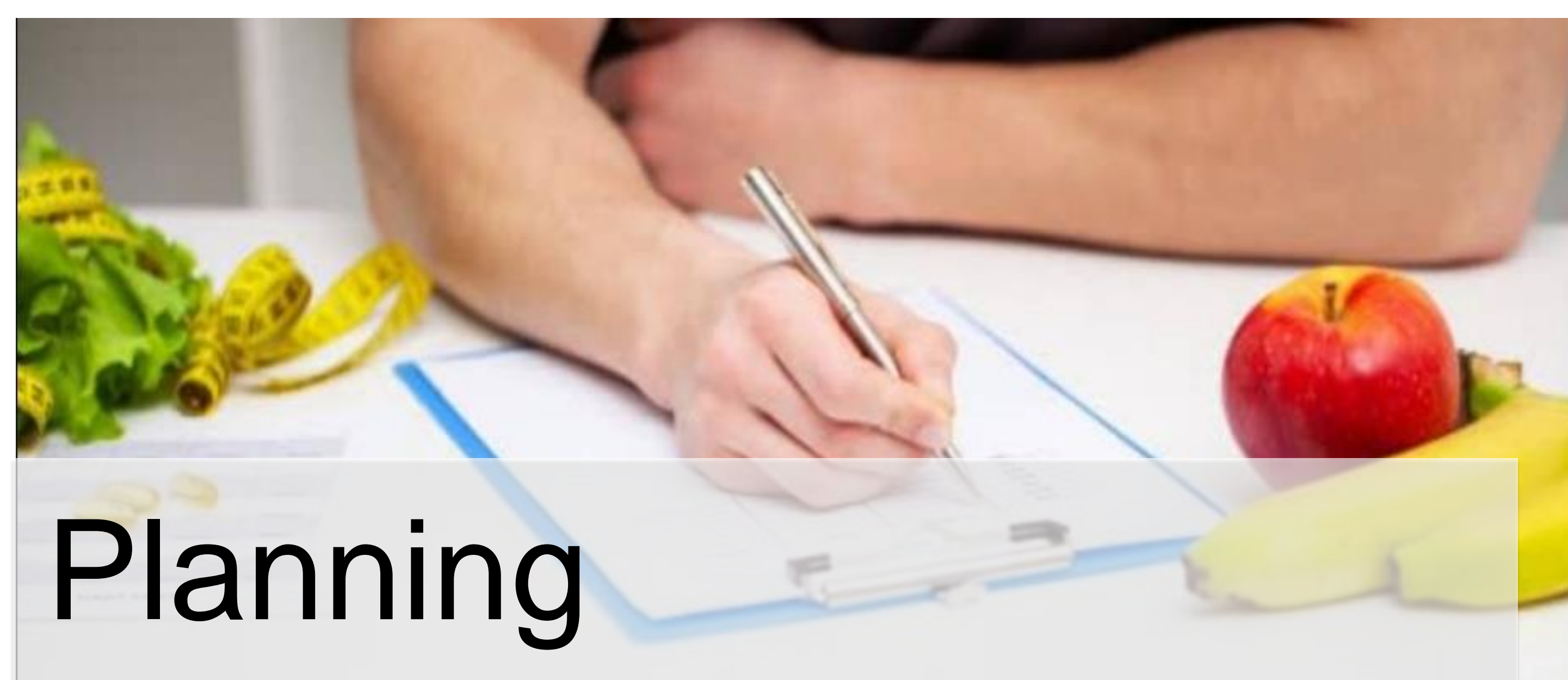


CCTS Bionutrition Core

Orlando Gutierrez, MD, MMSc, Medical Director



The [CCTS Bionutrition Core](#) offers many services to investigators with approved protocols, including study planning, registered dietitians and cooks, facilitates and equipment to facilitate bionutrition studies.



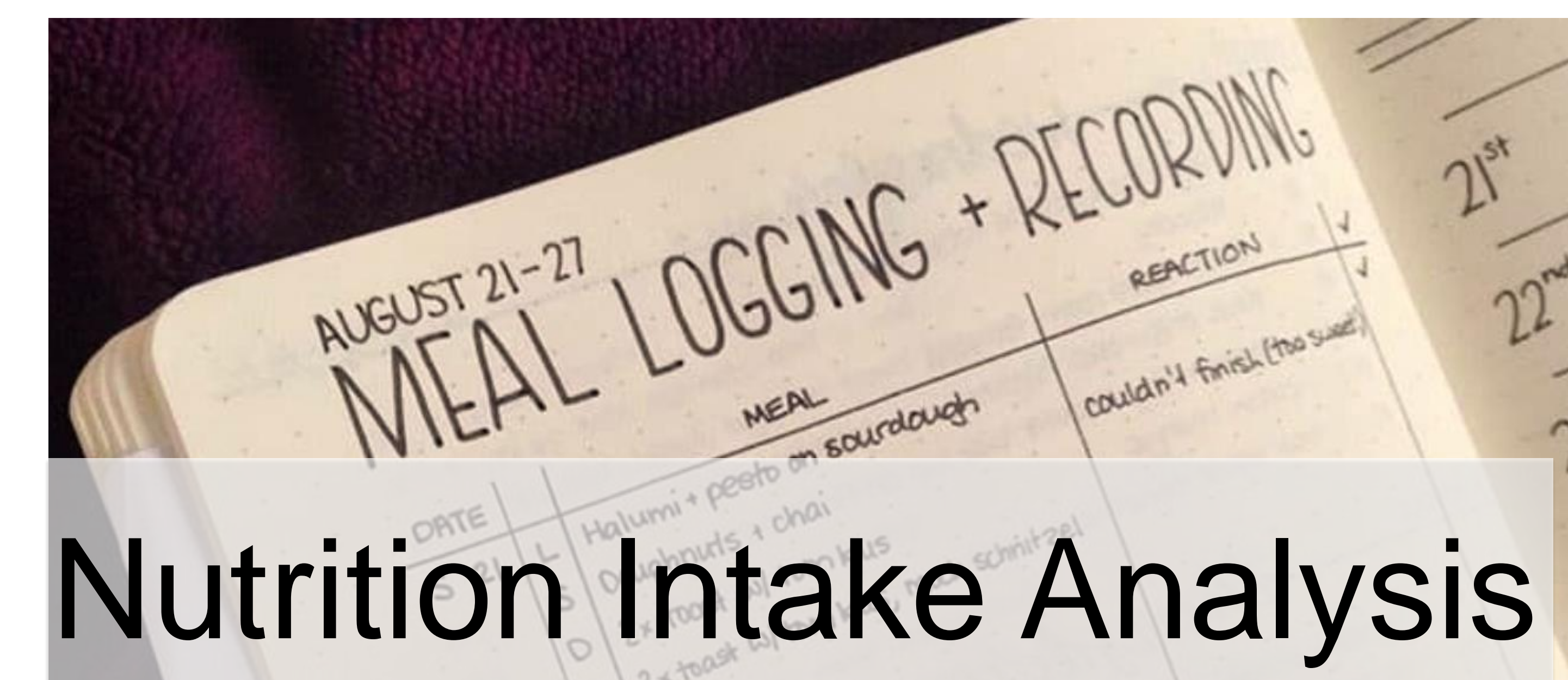
Planning

- Consult on research design and budget
- Nutrition data collection form development and assistance
- Participant recruitment and retention



Nutrition Education

- Patient education about protocol diets
- Assist with diet prescriptions
- Individual and group counseling



Nutrition Intake Analysis

- 24 hour, 3 day or multipass recording and analysis
- Food intake determined by weight



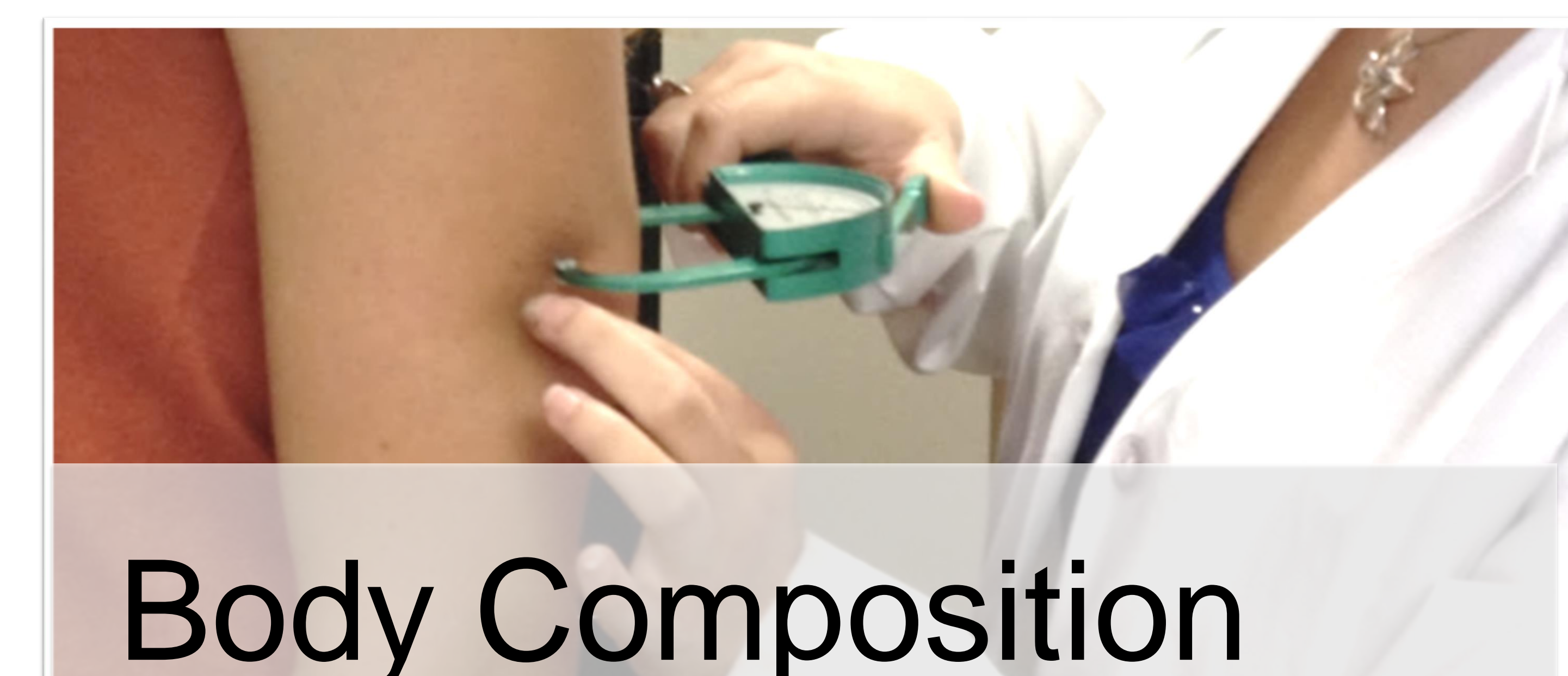
Metabolic Kitchen

- Food preparation, packaging and storage for on- and off-site participants.



Controlled Feeding

- Meals, research menus and instruction
Tailored diet creation
- Reinforcement of dietary compliance



Body Composition

- Height, Weight and Anthropometric measurements
- Bioelectric Impedance Analysis (BIA) to determine body composition

CCTS Connects

Working with the [CCTS Clinical Research Unit](#) to support bionutrition studies. Combined with [CCTS Specimen Processing and Bioprocessing](#) enables bedside-to-bench research. The CCTS Bionutrition and [CCTS Clinical Research Support Program \(CRSP\)](#) work together, enabling high quality research.