

## MD/PhD Student CTRC Rotation

### Protocol Review Learning Opportunities

**Contact person: Mary H. Samuels, M.D (4-5242, [samuelsm@ohsu.edu](mailto:samuelsm@ohsu.edu))**

- \*Attend at least one IRB meeting to observe review and discussion of protocols submitted for human subjects protection review (contact Jennifer Hiromura to schedule)
- \*Attend monthly CTRC Scientific Review Committee meeting to observe review and discussion of new protocols for scientific issues (2<sup>nd</sup> Monday of the month, 4 pm, HRC10D03)

### Nursing Learning Opportunities

**Contact person: Denise Mathes, CTRC Associate Nurse Manager (4-9280, [denisem@ohsu.edu](mailto:denisem@ohsu.edu); pager 13528), or Sue Peterson, CTRC Nurse Manager (4-6227, [peterasons@ohsu.edu](mailto:peterasons@ohsu.edu), pager 16512)**

Potential CTRC Nursing experiences:

What a protocol looks like when you get to the logistics of implementation with patients

Otherwise known as: how not to paint yourself into a corner

Learn how to develop source documents for clinical research protocols

- \*Observe an initiation meeting for a new protocol OR
- \*Observe an in service for a new protocol
- \*Shadow a RN during an intensive study procedure (IVGTT, MTT, others)

These activities do not occur on any routine basis. If you are interested in these activities, please contact Denise Mathes well in advance, and let her know which activities you might like to participate in. Denise will alert you as these activities are scheduled and let you know when and where to attend them.

### Study Coordinator Learning Opportunities

**Contact person: Phyllis Carello, CTRC Study Coordinator Unit Manager (4-0164, [carellop@ohsu.edu](mailto:carellop@ohsu.edu))**

Potential CTRC study coordinator experiences:

- \*Shadow a study coordinator while she enrolls a new patient to a study, including observation of the informed consent process and enrollment procedures
  - \*Shadow a study coordinator during study conduct on- and off-site
- Attend a study coordinator meeting with new investigators  
Shadow the pediatric RN/NP study coordinators as they take care of pediatric research subjects

### Core Laboratory Learning Opportunities

**Contact person: Clive Woffendin, PhD, Core Laboratory Manager (4-7148, [woffendinc@ohsu.edu](mailto:woffendinc@ohsu.edu))**

Potential core laboratory experiences:

- \*Meet with Dr. Woffendin to discuss overview of DNA/RNA isolation from human samples, immunoassay technologies, and lab techniques
- Observe the sequencer working real time, microsatellite analysis (for mapping/linkage analysis) and similar techniques  
Discuss immulite technology and and go over general QC/precision issues and methodologies

## Bionutrition Learning Opportunities

- 1) Energy Expenditure Measurements: review and observe methods/optional personal measurements (contact **Maggie Cooper, MS, BECC coordinator, 6-0053, [coopemar@ohsu.edu](mailto:coopemar@ohsu.edu)** ); Methods include indirect calorimetry to measure REE (resting energy expenditure) and TEF (thermic effect of food) and Acticals to measure 24 hour energy expenditure from physical activities.
- 2) Body composition measurements: review and observe methods/optional personal measurements (contact **Maggie Cooper**); Methods include BOD POD, DEXA, BIA, and anthropometric measurements including skinfolds, circumferences, and waist to hip ratio.
- 3) Nutrient intake analysis methodology: review and observe methods/optional personal measurements (contact **Becky (Rebecca) Kitterman, RD, LD, Bionutritionist, 4-4786, [kittermr@ohsu.edu](mailto:kittermr@ohsu.edu)** )
- 4) Dietary assessment methods, including limitations of current methods and innovations in dietary assessment technology, with a seminar presentation by the student to the Bionutrition Unit staff and others (**contact Martha McMurry, MS, RD, LD, Bionutrition Manager, 4-6232, [mcmurrym@ohsu.edu](mailto:mcmurrym@ohsu.edu)**) Nutrient-controlled feeding studies: methods and interview of a current participant (contact **Angela Horgan, PhD, RD, LD, Bionutritionist, 4-6231, [horgana@ohsu.edu](mailto:horgana@ohsu.edu)**)
- 5) Nutrient-controlled test meals: observation of test meal development and administration in association with postprandial data collection (**contact Angela Horgan**)
- 6) Well-controlled dietary studies: review of methods and inspection of research meals, as well as opportunity for participation in research food services (contact **Jenice Powell, RD, LD, Kitchen Coordinator, 4-3275, [poweljen@ohsu.edu](mailto:poweljen@ohsu.edu)**)
- 7) Attend meetings with nutrition research focus including:
  - Monthly Research Dietitian (RD) Bionutritionists Meetings (**Julia Jordan**)
  - Presentation by investigators (variable) (**Martha McMurry**)