**Lab Resources Available to College of Nursing Faculty**

*The following information is taken from the CTSI website:* <http://www.ctsi.ufl.edu/about/ctsi-programs/translational-technologies-and-resources/>

The University of Florida has a wide range of resources available to support Clinical and Translational Science. The CTSI has established the following cores:

* A Genotyping core has been derived as a synergy of two existing facilities at UF for targeted determination of genotypes on genomic DNA from biological samples.
* Detailed information on services can be obtained at, <http://www.cop.ufl.edu/research/research-centers/center-for-pharmacogenomics/> and <http://www.biotech.ufl.edu/services.html>
* For more information, contact Taimour Langaee, Ph.D., [langaee@cop.ufl.edu](mailto:langaee@cop.ufl.edu) or 273-6357 (Center for Pharmacogenomics) or William Farmerie, Ph.D., [wgf@biotech.ufl.edu](mailto:wgf@biotech.ufl.edu) or 273-8049 (ICBR Molecular Services Core).
* A Biomedical Mass Spectrometry core specializes in the development of assays for the quantification of small molecules in complex media (plasma, serum, urine, tissues, cell cultures, etc) using mass spectrometry for both human and animal studies.
* If you are writing a grant, contact Tim Garrett, Ph.D., [tgarrett@ufl.edu](mailto:tgarrett@ufl.edu) or 273-5050 to discuss the options available for analysis as well as provide perspective on new analytical tools that could be used for your research study.
* A Metabolomics core formed involving existing state-of-the-art mass spectrometry and nuclear magnetic resonance (NMR) spectroscopy resources on campus to provide both targeted and global analysis of small molecules in biological materials.
* Contact Dr. David H. Powell (392-8782 or [powell@chem.ufl.edu](mailto:powell@chem.ufl.edu)), Dr. Jodie V. Johnson  
  (392-8672 [jvj@chem.ufl.edu](mailto:jvj@chem.ufl.edu)) or Dr. Maria Cristina A. Dance (392-0566 or [mdancel@chem.ufl.edu](mailto:mdancel@chem.ufl.edu)) for any inquiry regarding MS analysis.
* The [CTSI Biorespository](https://www.ctsi.ufl.edu/research/laboratory-services/ctsi-biorepository/) has been formed through reorganization and expansion of what is now a diversified network of human DNA, serum and tissue repositories to provide new access by investigators to these valuable resources.
* For information, please fill out and submit the cost of services form: <http://biorepository.pathology.ufl.edu/example-2/cost-of-services-form-cos/> or contact Melissa Rawley-Payne [mrpayne@pathology.ufl.edu](mailto:mrpayne@pathology.ufl.edu) 273-9498.
* A Biobehavioral core provides broad expertise at UF in the application of both animal and human validated assessment measures of behavioral concomitants of disease or therapeutic interventions.
* This core facilitates comprehensive clinical translational research by providing research personnel trained to administer a core set of behavioral assessments, coordinating access to biobehavioral research resources across collaborating colleges, providing/facilitating training for the administration of core assessments and serving as a training site for pre/post-doctoral trainees in the behavioral sciences, and providing consultation regarding potential assessment tools for both animal and human work.
* To achieve its mission and objectives, the BBC maintains a core library of clinical research assessment instruments. The library is not exhaustive instead focusing on behavioral and paper/pencil assessments often used in health-related research including standard assessments of depressive and anxiety symptoms, reading skill (as an estimate of premorbid functioning), basic perceptual-motor, learning/memory and problem-solving tasks, and demographic information including family trees/pedigrees. This core set of instruments is of general interest to a wide range of clinical translational researchers. The common set of instruments provides the opportunity to develop a large database of information that could be used for descriptive data analyses which would be useful in determining future study feasibility, summaries regarding health status of the community, etc. For studies with additional needs, the BBC works with the investigators and established testing/assessment resources to identify appropriate instrumentation.
* Please contact Sara Jo Nixon, Ph.D., [sjnixon@ufl.edu](mailto:sjnixon@ufl.edu) or 392-3681

**PLEASE CALL THE CTSI AT 352-273-8700 IF YOU HAVE ANY QUESTIONS.**

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