



UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE



Shared Resources

www.sylvester.org/sharedresources

TABLE OF CONTENTS

Shared Resources

Laboratory Resources:

<u>Analytical Imaging Core Facility</u>	2
<u>Flow Cytometry Core Facility</u>	3
<u>Oncogenomics Core Facility</u>	4
<u>Tissue Bank Core Facility</u>	5
<u>Transgenic Animal Core Facility</u>	6

Non-Laboratory Resources:

<u>Biopsychosocial Oncology Shared Resource</u>	7
<u>Biostatistics and Bioinformatics Core</u>	8-9
<u>Clinical Research Services</u>	10
<u>Disparities and Community Outreach Core</u>	11



ANALYTICAL IMAGING CORE FACILITY

Core Manager: George McNamara, Ph.D.

www.sylvester.org/AICF

DESCRIPTION/PURPOSE: The Analytical Imaging Core Facility at Sylvester supports the development and use of novel imaging and analytical approaches to advance scientific research. It provides researchers with access to costly state-of-the-art analytical and imaging techniques for cellular and tissue imaging as well as molecular analysis of pathology specimens. The core also trains investigators, fellows, and technical staff in the proper use of these sophisticated techniques and instruments.

EQUIPMENT/TECHNOLOGIES:

- Zeiss LSM510/UV Confocal Microscope (CLSM)
- Leica SP5 inverted confocal microscope with motorized stage, tile scanning, fast galvo-Z focusing, high resolution and fast resonance scanners
- Leica MP-NDD4/SP5/FCS/FLIM multiphoton/confocal microscope with 4 non-descanned detectors, 5 PMTs, 2 APDs, fluorescence correlation spectroscopy, and time correlated single photon counting (TCSPC) fluorescence lifetime imaging microscopy for FRET quantitation, saline "dipping" objective lenses.
- BD Pathway Bioimager High Content Screening System
- Zeiss ApoTome Axiovert 200M
- Leica AS LMD laser microdissection
- Leica DMIRB Inverted Microscope
- MetaMorph Imaging System
- Pathscan4 histology/immunohistochemistry microscope slide scanner, Epson V750-M flatbed scanner
- Cytellect Celigo imaging cytometer (extended demonstration)

SERVICES:

- Zeiss Confocal Microscopy (4 channel fluorescence, reflection & interference reflection contrast)
- Leica Confocal Microscopy (9 laser lines, 5 channel fluorescence, tile scanning)
- Leica Multiphoton/Confocal Microscopy (Coherent Chameleon Ultra II multiphoton laser, 9 confocal laser lines, 3 imaging PMTs, 2 FLIM PMTs, 2 FCS APDs), saline "dipping" lenses
- High Content Screening (including timelapse, physiology, Fura-2 ratio imaging, optional confocal)
- Fluorescence Microscopy (widefield, deconvolution and ApoTome digital optical sectioning)
- Laser Microdissection
- Multiwell plate 3 color fluorescence plus brightfield imaging cytometry
- General Microscopy (widefield fluorescence, phase contrast, light microscopy)
- Image Analysis
- Pathscan4 microscope slide scanning (3.6 um pixel size) and Epson V750-M flatbed scanning
- Also available:
 - Training, consultation, and direct assistance to investigators, and graduate students
 - Seminars to update researchers on core services

SERVICE CHARGES:

Service	Rate
Microscopy	\$5.00
LCM	\$5.00
LSM	\$36.00
Consulting	\$65.00

CONTACT: George McNamara, Ph.D., Core Manager
305-243-8436, gmcnamara@med.miami.edu

LOCATION: Diabetes Research Institute
1450 NW 10th Ave - 6th Floor (Room 6025)

SCHEDULING: Web-based scheduling system: <http://sccc.ccs.miami.edu/AICFScheduler>

FLOW CYTOMETRY CORE FACILITY

Core Manager: Huw S. Kruger Gray, Ph.D.

www.sylvester.org/flowcytometry

DESCRIPTION/PURPOSE: The Flow Cytometry Core Facility at Sylvester provides researchers with sophisticated methods for the analysis and preparative sorting of both normal and tumor cells. The facility helps researchers measure apoptosis, gene expression, drug metabolism, immune responses, and pathways of cellular activation, both normal and tumor-related. The core maintains instruments, computer work-stations for data analysis, and related equipment, to support scientists affiliated with Sylvester's multidisciplinary research programs, as well as researchers in a wide variety of cancer-related research projects.

EQUIPMENT/TECHNOLOGIES:

Analysis

Becton Dickinson (BD) FACS Calibur, 4 color flow cytometric analyzer

BD LSR-I, 4 color flow cytometric analyzer

BD LSR-II, 8 color flow cytometric analyzer

Sorting

BD FACS Aria I, 8 color flow cytometric cell sorter

BD FACS Aria IIu, 17 color flow cytometric cell sorter, housed in a BSL-2 bio-safety cabinet

MoFlo XDP, four color flow cytometric cell sorter: For human samples only, located in the Stem Cell Institute

Other

Zeiss fluorescence microscope

Invitrogen Countess, automated cell counter and viability analyzer

SERVICES:

- **Fluorescence flow cytometry analysis and fluorescent activated cell sorting**

The Core provides sophisticated analytical and preparative flow cytometers to facilitate a wide range of experiments in the cell biology of both normal and cancer cells. The facility has the capability to provide simultaneous analysis of up to 17 different fluorescent parameters and two light-scatter parameters (forward and side scatter), for both cell surface and cytoplasmic antigens in complex cell mixtures. A variety of experimental analyses are commonly performed in the facility. These include: complex immuno-phenotyping, Calcium flux measurement, DNA content analysis, assessment of apoptosis, plus up to 17 parameter high speed cell sorting and single-cell flow cloning.

- **Theoretical and Practical Training (Basic and Advanced) in Flow Cytometry**

Basic training, on a monthly basis, plus advanced training on demand, in the theory, practice, and application of flow cytometry, as well as in the analysis of flow cytometric data.

SERVICE CHARGES:

Analysis	\$100/hr
Sorting	\$115/hr

CONTACT: Huw S. Kruger Gray, Ph.D., Core Manager
305-243-5019, HKGray@med.miami.edu

James Phillips, Operator
305-243-5571, jphillip@med.miami.edu

Shannon Opiela, Operator
305-243-5571, sopiela@med.miami.edu

Jay Enten, Operator
305-243-5571, jenten@med.miami.edu

LOCATION: Rosenstiel Medical Science Building
1600 N.W. 10th Avenue
Room 3061

SCHEDULING: Web-based scheduling system: <http://sccc.ccs.miami.edu/FCCFScheduler/>

ONCOGENOMICS CORE FACILITY

Core Manager: Toumy Guettouche, Ph.D.

www.sylvester.org/oncogenomics

DESCRIPTION/PURPOSE: The Oncogenomics Core Facility (OCF) at Sylvester provides researchers with access to the latest technology and chemistries used for the detection, quantification, and characterization of genes and gene products. The state-of-the-art core facility employs multiple platforms and chemistries for the design, development, optimization, and validation of real-time PCR applications, including analysis of a limited sample set as well as high-throughput solutions for screening. The OCF houses both solid-phase and liquid-phase array technology to study gene expression, and perform whole genome association studies, targeted SNP genotyping, and DNA methylation detection in a large number of samples.

EQUIPMENT/TECHNOLOGIES:

The Oncogenomics Core Facility is equipped with the following technologies:

- Applied Biosystems 7900HT Fast-Real-Time PCR System with Autoloader
- Applied Biosystems 3130xl Genetic Analyzer
- Illumina BeadStation 500GX
- Scigene Little Dipper Automated Microarray Processor
- Illumina Genome Analyzer GA2 (with MIHG)
- Roche Lightcycler 480
- Beckman Coulter Biomek NXp Robotics Platform
- Tecan Evo Robotics Platform
- Nanostring nCounter gene expression analysis system
- Caliper/Xenogen IVIS Spectrum Small Animal Imaging System
- Agilent Bioanalyzer 2100
- Thermo Scientific Nanodrop ND-8000

SERVICES:

- Sequencing
- Real Time PCR
- Microarray Gene Expression Analysis
- Assay Design and Optimization
- Biomarker and Assay Validation
- Biomarker Characterization
- Standard Testing Menu
- Standardized RNA and DNA Purification
- Data Analysis and Public Preparation

SERVICE CHARGES:	Sequencing:	\$8 per sequence
	IVIS:	\$100 per hour
	Microarray:	Please call to inquire about pricing
	Real-Time PCR:	Please call to inquire about pricing

CONTACT: Toumy Guettouche, Ph.D., Core Manager
305-243-8410, tguettouche@med.miami.edu

LOCATION: Biomedical Research Building (BRB) 542C
1501 NW 10th Ave

SCHEDULING: Web-based scheduling system: <http://sccc.ccs.miami.edu/OCFScheduler/>

Tissue Bank Core Facility

Core Directors: Carmen Gomez-Fernandez, MD

www.sylvester.org/tissuebanking

DESCRIPTION/PURPOSE: The Tissue Bank Core Facility (TBCF) is designed to bank tissue and paired clinical data for Sylvester members. It has approval from the IRB and has an NIH certificate of confidentiality. A committee of four Sylvester members oversees the TBCF. The TBCF employs a tumor bank manager who oversees daily activities, and compliance with regulations and scheduling. The manager provides an interface with the site disease groups to coordinate data and tissue acquisition. The manager is assisted by five support staff, including two pathology assistants who are responsible for tissue acquisition and frozen section analysis following resection; and three tissue bank associates responsible for consenting patients, tissue inventory, data entry, and general maintenance of the facility.

EQUIPMENT/TECHNOLOGIES:

- (2) -80°C freezers
- Computer software (Velos/Freezerworks/Brady)
- Hardware and barcoding instrumentation (Brady Printer, Code Scanner)
- Tissue culture hood
- Centrifuge (VWR clinical 50)
- Liquid Nitrogen

SERVICES: Sylvester members who wish to utilize tumor tissue and data from the bank are asked to provide 1) a letter from the site disease group indicating that the proposed project is a worthwhile expenditure of tissue, and 2) an IRB approval letter for the project. Members that are interested in acquiring tissue from the bank must register with their CaTissue database and tracking system. This will allow them to view what samples would be available to them, as well as submit an electronic request for them. Please see our Links & Forms section on the Core website to register. Once the request is submitted and approved by the TTB Adjudication Committee; the investigator is then furnished with de-identified tissue and clinical history. The Tissue Bank Core Facility collects human tissue from all site disease groups at all three locations: UMH, UMHC, and JMH. It can then be requested based on patient demographics, clinical history and tumor parameters. A request for tissue should be accompanied by an IRB-approved protocol and letter from the appropriate site disease group indicating that the expenditure of tissue is a justified use of resources.

Collecting for your study- recruitment: For those members who are interested in having us collect fresh tissue and blood for your IRB-approved study, or surgeons who would like to contribute to the bank, please see below for recruitment information:

We are equipped and approved to consent in clinic, pre-op, and post-operatively.

Clinic Screening: When patient is appropriate for our study, call Dixis Gonzalez at 954-245-6643 to consent them.

Pre-Op and Post-Op: If the surgeon, nurse, coordinator or admin. assistant for your site disease group can let us know LOCATION, TIME, PATIENT NAME, AND MRN at least a day in advance via email @ msalpietro@med.miami.edu, we can consent them day of surgery in pre-op, or collect their specimen and consent them post-operatively. Please note that all tissue collected through the bank will be available to all SCCC members.

SERVICE CHARGES: There is no charge while the Core is in the initial development stage.

CONTACT: Maria Salpietro, Tissue Bank Manager
305-243-6777, msalpietro@med.miami.edu

LOCATION: SCCC / Pap Building
1550 N.W. 10th Avenue
Room 228B

SCHEDULING: Advance notice is required

TRANSGENIC ANIMAL CORE FACILITY

Core Manager: Peter Sobieszczuk, Ph.D.

www.sylvester.org/TACF

DESCRIPTION/PURPOSE: The Transgenic Animal Core Facility at Sylvester uses powerful transgenic/gene knockout technologies to study the function of genes *in vivo*. The core produces transgenic mice and targeted-mutant mice. It provides experimental design and support for investigators using this technology to apply to their research. Genetically modified mouse models are essential tools for a variety of cancer-related research projects.

EQUIPMENT/TECHNOLOGIES:

The mouse embryo manipulation laboratory operates two dedicated microinjection stations- one for injecting DNA into single cell embryos, and another for the injection of ES cells into blastocysts.

ES Cell Culture section:

- Zeiss Telaval 31 Inverted Microscope
- Olympus IMT-2 Inverted Microscope
- Zeiss Axiovert 100TV inverted microscope
- Dissecting Stereoscopic Microscopes
- Baker Tissue Culture Hood
- CO₂ Incubators
- BTX ECM 630 Electroporator
- Hamilton Thorne XYClone Laser Ablator

Mouse preservation and storage manipulation:

- Bio-Cool IV Model BCIV40A Controlled Rate Freezer
- Forma CryoPlus1 Liquid Nitrogen Freezer

SERVICES:

- Molecular Biology
- ES Cell Culture
- Mouse Embryo Manipulation
- Mouse Preservation and Storage Core

The facility offers a variety of additional services which are available by request on a case-by-case basis.

SERVICE CHARGES:	Blastocyst injection:	\$2,600 per injection session
	Transgenic mice:	\$2,800 per injection session
	Gene targeted mice:	\$10,950 per mouse line
	Mouse re-derivation:	\$600-\$1,200/line
	Embryo freezing and storage:	\$925-\$1,950/line

CONTACTS: Peter Sobieszczuk, Ph.D., Core Manager
305-243-2272, psobies@med.miami.edu

Maritza Inza, Research Associate
305-243-5890, minza@med.miami.edu

LOCATION: Gautier Building
1011 N.W. 15th Street
Room 638

SCHEDULING: Contact Peter Sobieszczuk or Maritza Inza

BIOPSYCHOSOCIAL ONCOLOGY SHARED RESOURCE

Core Director: Suzanne Lechner, Ph.D.

www.sylvester.org/BPSO

DESCRIPTION/PURPOSE: The Biopsychosocial Oncology Shared Resource provides expertise in the design and implementation of social science research at the Sylvester Comprehensive Cancer Center. The main goal of this Shared Resource is to assist Cancer Center members in incorporating biopsychosocial measures into their new or existing protocols (psychological and psychiatric screening; behavioral, social and behavioral measures), to assist members in developing their psychosocial intervention ideas into a testable research protocol and providing guidance on ways to implement biobehavioral protocols in a socially and culturally sensitive manner.

The BPSO Shared Resource facilitates psychological-behavioral research on (1) quality of life, mood, stress, personality, coping, social support, spirituality and other psychological and social processes; (2) risk, screening, and health behaviors; (3) interventions to impact these variables; and (4) indicators designed to illuminate underlying biobehavioral processes. In addition to faculty consultation, this Shared Resource will provide technical support for psychological, social and behavioral assessment and interventions. Training services in assessment and intervention are also available for research staff upon request of the PI.

SERVICES: There are three primary areas of service provided by the BPSO Shared Resource to all Cancer Center members:

1. Research Design & Methodology Consultations
2. Behavioral, Psychological and Psychiatric Assessments for research purposes
3. Behavioral and Psychosocial Interventions

SERVICE CHARGES:

Service	Rate
Consultation	\$100.00
Assessment	\$70.00
Intervention	\$70.00
Pre-Award	\$0.00
Education	\$80.00

CONTACTS: Suzanne Lechner, Ph.D., Faculty Director
305-243-1645, slechner@med.miami.edu

Nicole Ennis Whitehead, Ph.D., Core Manager
305-243-3110, nwhitehead@med.miami.edu

Andrea S. Vinard, M.S.Ed., Core Associate
Phone: 305-234-8790
asvinard@med.miami.edu

Harlee A. Bustamante, M.P.H., Core Associate
Phone: 305-243-8978
hbustamante@med.miami.edu

Carrie Johnson, M.S., Core Associate
Phone: 305-243-1318
cjohnson2@med.miami.edu

LOCATION: Clinical Research Building, Room 1410
1120 NW 14th Street, C-202

SCHEDULING: Advance notice is required

BIostatISTICS AND BIOinformatics CORE

Interim Core Director: Dr. Nicholas Tsinoremas

www.sylvester.org/bbc Email: bbc@med.miami.edu

The mission of the Biostatistics and Bioinformatics Core (BBC) is to provide the Sylvester Comprehensive Cancer Center with cutting edge, state of the art biostatistical and computational expertise for cancer research. The BBC works towards providing seamless services through direct research collaborations and consultations in the areas of biostatistics, bioinformatics, and information technology.

The Biostatistics and Bioinformatics Core (BBC) at Sylvester provides investigators with sophisticated and state of the art biostatistics and computational expertise and infrastructure that span all area of Cancer research. More specifically the core provides a wide range of services and expertise ranging from biostatistics analysis, experimental design, bioinformatics analysis, biomedical and clinical research informatics applications development support, to Information Technology including network support. The Core consists of three components, namely, Bioinformatics, Biostatistics, and Information Technology. The core is also actively involved in training of investigators, fellows and staff in the use of cutting edge sophisticated software systems and analysis software.

CONTACT: Lola Sumner, Core Administrator

305-243-3957, lsumner@med.miami.edu

LOCATION: Fox Building, Suite 300

Biostatistics

Core Chief: Dr. Bertrand Clarke

DESCRIPTION/PURPOSE: The Biostatistics core is dedicated to providing high quality statistical expertise in study design, statistical analysis to Sylvester's clinicians, scientists, and epidemiologists. With an emphasis on collaboration from concept through conclusion, Biostatistics seeks to improve the quality of cancer research at Sylvester through the application of established statistical and computational methods and the development of novel approaches to design and analysis.

The Biostatistics core provides statistical expertise for investigator-initiated clinical trials and a broad range of basic and population science research. In addition to supporting investigator-initiated clinical protocols and research grant proposals, Biostatistics statisticians serve as standing members on the Protocol Review Committee (PRC) and the Data and Safety Monitoring Committee (DSMC).

SERVICES:

- Collaborative support in the development of research grant proposals and investigator-initiated clinical protocols.
- Formulation of research study aims and quantifiable endpoints
- Recommendations for study design
- Sample size determination
- Preparation of statistical analysis plans, and early stopping guidelines
- Statistical analysis and interpretation of quantitative findings.
- Database design consultation.

EQUIPMENT/TECHNOLOGIES:

- Statistical software:
 - SAS® version 9.2
 - PASS 2008 (Power Analysis and Sample Size for Windows), NCSS 2007 (Number Cruncher Statistical System), GESS 2006 (Gene Expression Statistical System)
 - StatXact, LogXact, EGRET, and S-PLUS
 - StatTransfer for data exchange among various formats.
 - Public domain software such as EWOC (Bayesian dose escalation / de-escalation), PH1ATD (analysis of Phase I trials with accelerated titration designs) and OTSD (optimal two-stage designs for Phase II clinical trials)
- BCR-developed custom Excel modules: BAYES-R , BAYES-S, BERT and SET
- Time accounting system (TAS)

SERVICE CHARGES: There is no charge for Cancer Center investigators. Grants submitted by Sylvester investigators customarily provide for statistical support as a percent of effort.

CONTACT: Nekeima Jordan, Staff Associate

305-243-2865, njordan@med.miami.edu

Requests should be accompanied by a completed request form available on the BBC web site.

LOCATION: Clinical Research Building, 1041B
1120 N.W. 14th Street

BIostatISTICS AND BIOinformatics CORE

Interim Core Director: Dr. Nicholas Tsinoremas

www.sylvester.org/bbc Email: bbc@med.miami.edu

Bioinformatics

In collaboration/partnership with Oncogenomics Core

Dr. Toumy Guettouche, Associate Scientist, Oncogenomics Core Leader

DESCRIPTION/PURPOSE: The Bioinformatics core provides expert analysis and data mining services for high throughput genomics and proteomics data.

SERVICES:

- Gene expression analysis from Agilent, Affymetrix and Illumina platforms
- Pathways and System biology Analysis
- Prognostic Biomarker discovery using microarray and proteomics data
- miRNA analysis using microRNA arrays
- SNP functionality e.g. change of the protein structure or the structure of the promoter region
- Other consulting services including advanced bioinformatics analysis and usage of genomics databases

EQUIPMENT/TECHNOLOGIES:

- GeneSpring GX
- MetaCore from GeneGo
- Genomatix Promoter Inspector
- TIBCO Spotfire
- IBM eserver 1350 cluster, and IBM p-575 cluster, are available for data analysis.
- R tools & Bioconductor (optimized for clusters)
- Matlab
- NCBI Toolkit

SERVICE CHARGES: There is no charge to Cancer Center members and staff for these services.

CONTACT: Toumy Guettouche
305-243-8410, tguettouche@med.miami.edu

LOCATION: BRB Building, Suite 542
1550 N.W. 10 Avenue

Information Technology Core Manager: Huntson Lam

DESCRIPTION/PURPOSE: The Biostatistics and Bioinformatics Information Technology Core aims to provide experienced personnel in a centralized core that incorporates the latest advances in information technology, with priority access given to members for technology development, acquisition, support, and maintenance. The mission of the Biostatistics and Bioinformatics Information Technology Core is to provide high quality service and support in the use of Information Technology products and services for all faculty, staff and members of the Sylvester Comprehensive Cancer Center.

SERVICES: The division conducts technical research and facilitates the integration of Information Technology for the research, administrative, and clinical areas of the Cancer Center.

Technical Support for:

- Enterprise Application and File Servers
- Desktop Client Computing and peripheral devices
- Ancillary application support (third party or commercial packages) and system integration
- Provide Backup, Disaster recovery, Business continuity, and high availability
- IT Business services and procurements
- Telecommunication services and devices
- Support and Maintenances of custom developed software systems
- Support and Maintenances of database solutions for research, administrative, and clinical data.

EQUIPMENT/TECHNOLOGIES:

- 13 Network File and Application Servers
- Microsoft SQL and MySQL Database Servers
- Middleware and/or host applications: Adobe Coldfusion, JBOSS and JAVA.
- 16 TB of storage space dedicated for center wide file and print sharing and collaborations
- Over 800 client systems (desktop & notebooks) running Vista, Win7, or MAC OS 10

SERVICE CHARGES: There is no charge to Cancer Center members and staff for these services.

CONTACT: SCCC Help Desk, phone # 305-243-4642
Helpdesk (Technical/PC Support): scchelpdesk@med.miami.edu
Helpdesk (Application/Systems Support): informatics@med.miami.edu

LOCATION: Fox Building, Suite 300
1550 N.W. 10 Avenue, Miami, FL

CLINICAL RESEARCH SERVICES

Core Director: Stefan Gluck, M.D., Ph.D.

www.sylvester.org/CRS

DESCRIPTION/PURPOSE: The Clinical Research Services (CRS) serves as a shared resource of the University of Miami Sylvester Comprehensive Cancer Center. Formed in 1982, CRS provides a wide range of services to support research activities specific to clinical trials of Sylvester member investigators. The purpose of this resource is to provide the highest level of service to facilitate the clinical trials' process.

SERVICES:

- Regulatory Management—submission and maintenance of initial and follow-up protocol documents to University and external regulatory bodies
- Quality Management—assistance with compliance reporting requirements, patient eligibility review, and registration
- Business Office—contract negotiation and budget development, account management, and financial reporting services
- Applications Management—administration, technical support, and training to end users of Sylvester applications and information systems
- Nursing and Data Management—patient screening, enrollment, scheduling and follow-up, administration of treatment, and data collection

SERVICE CHARGES: Please contact office for scheduled fees. There are various rates for research nursing and data managing, along with appropriate processing fees for IRB and protocol activation.

CONTACT: Stefan Glück, M.D., Ph.D., Director, Clinical Research Services
305-243-6264, sgluck@med.miami.edu

LOCATION: SCCC/Fox Building
1550 N.W. 10th Avenue
5th Floor, Suite 503

SCHEDULING: Contact Stefan Glück M.D., Ph.D.

DISPARITIES AND COMMUNITY OUTREACH CORE

Core Director: Erin Kobetz, Ph.D., M.P.H.

www.sylvester.org/dcocore

Description/Purpose: The Disparities and Community Outreach (DCO) Core provides services to support community-based and disparities-focused research at Sylvester. The core works with researchers from a wide range of academic disciplines including epidemiology, health economics, psychology, genomics, and oncology. The core's services help researchers work with populations that contribute to the cultural, racial and ethnic diversity of South Florida. The tri-county South Florida area, which includes Miami-Dade, Broward, and Palm Beach Counties, is one of the most racially/ethnically and socio-economically diverse metropolitan areas in the United States. Minority, low income, and immigrant population sub-groups in this area contribute disproportionately to cancer morbidity and mortality. To help address these disparities, the DCO Core provides services that assist researchers in identifying specific communities at increased risk of adverse cancer outcomes, and in working effectively with such communities towards mutually beneficial research aims. Services include consultation on research design and study implementation, development of community research partnerships, as well as project coordination and management. The core also provides investigators descriptive population data as well as cancer incidence and mortality data at the national, state, county, and census tract/block levels. The core employs the methodologies of Community-Based Participatory Research (CBPR). A Community Leadership Board (CLB) and a network of neighborhood-based Community Advisory Boards (CABs) have been established by the core to facilitate outreach and partnership building for research that aims to promote health and social change in South Florida.

SERVICES

- Pre-Award Services (no charge to Sylvester investigators)
 - Community profiles that include cancer surveillance and socio-demographic data, narrative descriptions of communities or populations and other supporting information for grant proposals
 - Input and letters of support from Community Leadership Board and Community Advisory Board members
 - Research partnerships with community-based organizations
 - Culturally and linguistically-appropriate study design, recruitment and retention strategies, study materials, and participant incentives
- Campus-Community Research Partnership Services, such as developing and managing partnerships, recruitment, retention and incentives for study participants, and dissemination of findings
- Data Services for qualitative and quantitative data collection and evaluation
- Study Materials Development, including recruitment flyers, consent forms, survey instruments, and focus group questions that are culturally, linguistically, and literacy-level appropriate for the study population
- Training and Education related to Community-Based Participatory Research, cancer and health disparities, cultural competency, and other topics

SERVICE CHARGES:

Please call for current rates

CONTACTS: Erin Kobetz, Ph.D., Core Director
305-243-6185, ekobetz@med.miami.edu

Dorothy Parker, M.H.S., Core Manager
305-243-1120, dparker@med.miami.edu

LOCATION: Clinical Research Building, Room 1077B
1120 NW 14th Street, Mail Stop C-202

SCHEDULING: Advance notice is required