

Please note that clinical research including retrospective data and retrospective chart/file reviews requires IRB approval.
 Research that does not obtain the proper approvals cannot be published.
 Please contact the HWCOTM Office of Research Administration for instructions on how to initiate your proposed research project.

FACULTY NAME/ RANK	CONTACT Email/Phone	RESEARCH INTEREST	FACULTY'S RESEARCH FUNDING SOURCE
-----------------------	------------------------	-------------------	--------------------------------------

Basic Science Departments

Cellular Biology and Pharmacology

Georg Petroianu, MD, PhD Associate Dean, Professor and Founding Chair	gpetroia@fiu.edu 305-348-1486	Treatment of organophosphate / nerve gas exposure using novel oximes. Nanoization of oximes and innovative routes of administration	
Gagani Athauda MD Associate Professor	gathauda@fiu.edu 305-348-1474	(i) Warfarin Pharmacogenetics Case-Based Learning (Co-PI) (ii) Integration of Clinical Science and Pharmacology in Osteoporosis Education (PI) (iii) Risk Communication with a Standardized Patient in Contraceptive Pharmacology (co-PI) (iv) Integration of a Clinical case with Basic Pharmacology to teach Cancer Chemotherapy in a 2nd year Hematopoietic/Lymphoreticular Course (PI) (v) Assessing the effects of an integrated longitudinal approach to the teaching of anti-microbial pharmacology (PI) (vi) Exploring the role of a simulation based clinical activity in the teaching of introductory pharmacology (Co-PI)	
Barry P. Rosen, PhD Distinguished Professor	brosen@fiu.edu 305-348-0657	Arsenic biotransformations and bioremediation. We use a multidisciplinary approach from gene discovery to biochemistry/enzymology to x-ray crystallography	NIGMS and NIEHS
Masafumi Yoshinaga, PhD Assistant Professor	myoshina@fiu.edu 305-348-1489	Molecular mechanisms of arsenic detoxification and arsenic-based antibiotics synthesis by bacteria. Current projects: (i) Molecular mechanisms of degradation of environmental organoarsenical herbicides and growth promoters. (ii) Pathways and molecular mechanisms of activation/synthesis and detoxification of organoarsenic antibiotics.	NSF

Human and Molecular Genetics

Jeff Boyd, PhD Associate Dean, Professor and Chair	jboyd@fiu.edu 305-348-0646	Molecular Genetics of Gynecologic and Breast Cancers	Baptist Health South Florida US Dept of Defense
Alexander AgoulNIK, PhD Professor	aagoulni@fiu.edu 305-348-1483	Drug Discovery, G protein-coupled receptors (GPCR) signaling Reproductive hormones, testicular cancer	NIH
Irina AgoulNIK, PhD Associate Professor	iagoulni@fiu.edu 305-348-1475	Breast, Ovarian, and Prostate Cancer	NIH
Zuanel Diaz, PhD Clinical Assistant Professor	zuaneld@baptisthealth.net 305-491-8930	Development of large-scale oncology platforms for conducting biology-driven clinical trials with biomarker endpoints	Baptist Health South Florida
Wenrui Duan, PhD Associate Professor	wduan@fiu.edu 305-348-9135	Developing cell and animal models for targeted therapy in cancers. He is also interested in developing novel biomarkers for identification of subgroups of patients who are most likely to respond to treatment of novel anticancer agents	Baptist Health South Florida
Kalai Mathee, PhD Professor	matheek@fiu.edu 305-348-0628	Molecular pathogenesis of Pseudomonas aeruginosa, antimicrobial resistance, carbon metabolism, comparative genomics, microbiome, and drug discovery.	NIH- R15
Helen Tempest, PhD Associate Professor	htempest@fiu.edu 305-348-1484	Focus on nuclear architecture, specifically how chromatin is organized within the interphase nucleus. Projects include: (i) Studying nuclear organization throughout spermatogenesis to determine the role and pattern of chromatin organization throughout cell differentiation, fertilization and embryogenesis; (ii) Examining how chromatin organization changes in response to DNA damage and repair; (iii) Researching whether unique patterns of organization can be utilized as novel diagnostic and prognostic tools in disease (e.g. ovarian cancer)	Co-PI NIH

Genetics

Joe Leigh Simpson, MD Professor	simpsonj@fiu.edu 305-348-0616	Reproductive genetics, prenatal genetic diagnosis and birth defects	
------------------------------------	----------------------------------	---	--

Immunology

Madhavan Nair, PhD Associate Dean, Associate VP, Distinguished Professor and Founding Chair	nairm@fiu.edu 305-348-1493	Substance Abuse, HIV, interactive role of recreational drugs and HIV-1 infection on human immune system.	NIH, FL Dept of Health
Marisela Agudelo, PhD Assistant Professor	magudelo@fiu.edu 305-348-6503	Alcohol Abuse/ dendritic cell function	NIAAA HWCOC
Venkata Atluri, PhD Assistant Professor	vatluri@fiu.edu 305-348-6020	(i) Molecular neuropathogenesis of HIV infection in HIV infected drug abusers (ii) Neuroprotective role of Withaferin A in Alzheimer's disease treatment	HWCOC
Hitendra Chand, PhD Associate Professor	hchand@fiu.edu 305-348-1472	Airway remodeling and Chronic Mucous Hypersecretion in Asthma and COPD (i) Role of HIV-1 infection and substance abuse in chronic airway disease (ii) Targeting chronic diseases with nanotechnology - Inhalational Nano-delivery	NIH/NIAID American Lung Assoc
Nazira El-Hage, PhD Associate Professor	nelhage@fiu.edu 305-348-4346	(i) Inflammation & Autophagy (ii) HIV & NeuroAIDS (iii) Zika Virus & Neurodegeneration (iv) Development of nano- therapeutics (v) Addiction & Substance abuse	NIH/NIDA Florida Department of Health
Nagesh Kolishetti, PhD Assistant Professor	nkolishe@fiu.edu 305-348-4857	(i) Polymer science and nanomedicine with applications in cancer and HIV/AIDS (ii) Nanomedicine and Drug Delivery	HWCOC
Sudheesh Pilakka Kanthikeel, PhD Assistant Professor	spilakka@fiu.edu 305-348-0539	HIV restriction factors and its regulation	NIH
Andrea Raymond, PhD Associate Professor	adraymon@fiu.edu 305-348-1490	Role of exosome extracellular vesicles in opiate abuse and HIV neuropathogenesis	NIH
Hoshang Unwalla, PhD Associate Professor	hunwalla@fiu.edu 305-348-3442	Lung cancer and pulmonary complications in people living with HIV	Flight Attendant Med Research, NIH, DoD

Medical and Population Health Sciences Resources

Juan Acuna, MD Associate Professor and Chair	jacuna@fiu.edu 305-348-0676	Research methods, educational research, reproductive health research, database research	Baptist Health
Noel Barengo, MD, PhD Assistant Professor	nbarengo@fiu.edu 305-348-4356	Diabetes prevention; public health; hypertension; physical activity; Research methods; educational research; tobacco control; cancer research; disease surveillance	
Juan Lozano, MD, MSc. Professor	jlozanol@fiu.edu 305-348-6063	Clinical pediatrics, mostly acute respiratory infections (pneumonia and bronchiolitis), acute diarrhea and neonatology; Knowledge translation (accelerating the uptake of health research results by practitioners and policymakers)	
Juan Ruiz, MD Associate Professor	jruizpel@fiu.edu 305-348-4354	Preterm and low body weight infants health (Kangaroo Mother Care), secondary data analysis, Evidence-based quality assessment/assurance, medical decision making.	
Marcia Varella, MD, PhD Assistant Professor	mvarella@fiu.edu 305-348-7991		
Juan Carlos Zevallos, MD Associate Professor	juzevall@fiu.edu 305-348-7630	Cardiovascular research: (i) At Miami Cardio-Vascular Institute –MCVI during the summer of 2017 -“Catalog and chart of venous access history of patients with Percutaneous Cardiovascular Intervention (PCI)”. (ii) At Miami Cardio-Vascular Institute –MCVI starting from May, 2017 for 2 years – “Innovative Counseling Interventions for Local High-Risk Population to Address Disparities in Patients Residing in the Baptist Hospital Areas”. (iii) At FIU main campus/City of Sweetwater – “Sweetwater Project”. This project will provide students exposure to population-based research and access to data on a variety of health-related issues including mental health, chronic diseases, sexually transmittal disease, access and use of medical facilities, etc.	Baptist Health South Florida

Translational Medicine

Robert Sackstein, MD, PhD Dean, Professor and Interim Chair	sackstein@fiu.edu 305-348-0570	Glycoscience	NHLBI
---	-----------------------------------	--------------	-------

Clinical Departments Contact person in Orange

Anesthesiology

S. Howard Wittels, MD Professor and Chair	s.wittels@fiu.edu 305-348-7977	(i) EKG Evaluation using Fast Fourier Transform in Normals, Stemi, and Stress Cardiomyopath (ii) Survey on Dealing with end of life /Death issues in the OR (iii) Evaluating effectiveness of Personal Protection Equipment in the OR (iv) Effectiveness of Hand washing in spreading Disease (v) Comparing traditional EKG to PPG for Rate and Rhythm	Mt. Sinai Medical Center
Gerald Rosen, MD Clinical Assistant Professor	gerald.rosen@msmc.com 305-674-2345 (Maribel)	(i) Comparison of four techniques of mask ventilation in inexperienced providers (ii) Comparison of Techniques of Mask Ventilation in Healthcare Care Providers	Mt. Sinai Medical Center

Dermatology

Martin Zaiac, MD Associate Professor and Chair	mzaiac@fiu.edu 305-532-4478 X227 (Sandra)	Clinical research database survey	
Mercedes-Florez-Whie, MD	mflorezw@fiu.edu 305-348-3627	Clinical research database survey	

Emergency Medicine and Critical Care

Robert Levine, MD Associate Dean, Professor and Founding Chair	rlevine@fiu.edu 305-348-1662 (Emily)	Clinical research database survey	
--	---	-----------------------------------	--

Radiology

Joseph Ambrose, MD Assistant Professor	jambrose@fiu.edu 305-348-7977	Clinical research database survey	
Guilherme Dabus, MD Clinical Associate Professor	Guilhermed@baptisthealth.net 786-596-5990	(i) HEAT Trial: New Generation Hydrogel Endovascular Aneurysm Treatment Trial (ii) SCENT Trial: The Surpass IntraCranial Aneurysm Embolization System Pivotal Trial to Treat Large or Giant Wide Neck Aneurysms (iii) PREMIER Trial: PROspective Study on EMBolization of Intracranial Aneurysms With Pipeline™ Embolization Device	Northwestern Univ Stryker Covidien

Otolaryngology

Vijay Zaveri, MD Assistant Professor and Chair	vzaveri@fiu.edu 305-348-7977	Clinical research database survey	
--	---------------------------------	-----------------------------------	--

Humanities, Health and Society

<p>Pedro Greer, MD Associate Dean, Professor and Chair</p>	<p>greerp@fiu.edu 305-348-0619</p>	<p>(i) The Academy: Policy analysis and valuation of health system intervention (ii) NHELP: South Miami Project: outcomes (iii) Intervention in patients with fatty liver to decrease co-morbidities</p>	
<p>Mavara Agrawal, MD Medical Director-Embrace</p>	<p>mmirzaag@fiu.edu 305-348-4059</p>	<p>(i) Evaluation of health status of individuals with special needs and utilizing the data collected to inform clinical practice, inter-disciplinary referrals, education of families/students/faculty/ and inform healthcare policy.</p>	
<p>Frederick Anderson, MD Assistant Professor</p>	<p>fwanders@fiu.edu 305-348-4840</p>	<p>(i) Quality Improvement and Population Health based approaches to improve care for underserved populations. (ii) Oral Health in the NeighborhoodHELP program (iii) Medico-Legal Partnership in NeighborhoodHELP (iv) Telemedicine approaches to improve access to care for the underserved (v) Collaborative Care approaches with behavioral health and physician extenders for chronic disease management Dr. Anderson particularly interested in leveraging health information technologies when possible to improve care delivery to the underserved and in innovative clinical delivery models. He would be interested in working on projects employing existing data sets (Centricity EMR, Portal) and in incorporating students into ongoing quality improvement (QI) efforts or to apply QI approaches to their community initiatives.</p>	
<p>Julia Bisschops, MD, MSc Assistant Professor</p>	<p>jbisscho@fiu.edu 843-743-6213</p>	<p>(i) Medical Education: EPA 1 in preclinical years, evaluation and assessments, connecting clinical medicine to basic science, Evidence based medicine (ii) Health care for Underserved population (iii) Global Health (iv) Environmental Health (v) Case reports based on patient care in the Primary Care office</p>	
<p>Luther Brewster, PhD Associate Professor</p>	<p>brewster@fiu.edu 305-919-4245</p>	<p>Community based participatory research</p>	<p>AETNA Foundation</p>
<p>David Brown, MD Associate Professor</p>	<p>drbrown@fiu.edu 305-348-8388</p>	<p>(i) NeighborhoodHELP related initiatives (ii) Social science and medicine, social determinants of health, population health, policy (iii) Integrated primary care, behavioral health, prevention, and social services (iv) Tobacco, obesity, nutrition, women’s health, musculoskeletal health, fitness, and wellness (v) Development, implementation, improvement, and evaluation of curricula and programs (vi) Competency based education and entrustment (vii) Qualitative, mixed, participatory, and transdisciplinary methods</p>	<p>AAMC</p>

Paulo Chaves, MD, PhD Associate Professor	pdehendo@fiu.edu 305-348-4789	Benjamin Leon Jr Family Center for Geriatric Research & Education	
Katherine Chung, MD,MPH Assistant Professor	kchung@fiu.edu 305-348-9171	(i) Breast cancer in underserved groups (ii) Linda Fenner 3D Mobile Mammography Data Analysis	Allegany Franciscan Ministries
Marin Gillis, PhD, LPh Professor	mmgillis@fiu.edu 305-348-4193	(i) Scholarship of health education: (ii) Teaching critical thinking (iii) Clinical ethics including shared decision making and advance care planning/end of life (iv) Teaching to address cognitive bias (v) Teaching medical humanities in addition to research on career advancement for women in academic medicine.	
Cheryl Holder, MD Associate Professor	chholder@fiu.edu 305-348-7685	(i) Evaluation of STEM Saturday (pipeline/mentoring program) (ii) Knowledge Assessment of health careers in children (iii) HIV prevention in vulnerable populations	
Kendra Kirchmer, MFA Assistant Professor	kkirchme@fiu.edu 305-348-4193	(i) Design thinking in medicine (ii) Application of human-centered design principles within care environments for quality improvement in patient, household, community, and provider outcomes as well as innovation in medical education.	
Guenther Koehne, MD Clinical Associate Professor	guentherk@baptisthealth.net 305-348-0669	(i) Bone Marrow Transplantation and Hematologic Oncology (ii) Treatment of leukemia, myelodysplastic syndrome, multiple myeloma and other lymphoproliferative diseases, both with autologous and allogeneic stem cell transplantations	
Onelia Lage, MD Professor	olage@fiu.edu 305-348-4823	(i) Community Engaged Physician Interprofessional evaluation and EPA 9 in NeighborhoodHELP (AMA Accelerating Change in medical education consortium) (ii) Adverse childhood events in the NeighborhoodHELP population	AMA
Liana Perez Loughlin, JD Assistant Professor	lperezlo@fiu.edu 305-919-4193	(i) Educational interventions to develop shared decision making in obstetrics (ii) Medical student perceptions of the impact of the law	
Fernando Vargas Madueno, MD Clinical Assistant Professor	fernandovargas@baptisthealth.net 267-616-9197	Medical oncologist supporting clinical trials	
Arelis Martir-Negron, MD Clinical Assistant Professor	arelisma@baptisthealth.net 786-527-8218	(i) Obtain comprehensive data on the prevalence and nature of BRCA mutations in the Hispanic Population (ii) Assess the cognitive, social and cultural factors influencing perceived access to desired cancer screening, test the cognitive-social model of perceived access and evaluate changes in breast and ovarian cancer screening.	
Suzanne Minor, MD Associate Professor	seminor@fiu.edu 305-348-1455	Medical education and faculty development.	

Jorge Camilo Mora, MD Associate Professor	jcmora@fiu.edu 305-348-0685	(i) Geriatric Medical Education (ii) Clinical Nutrition (iii) Patient safety (iv) Polypharmacy (v) Mild cognitive impairment & dementia	
Maryse Pedoussaut, MD Assistant Professor	mpedouss@fiu.edu 305-348-7865	(i) Integrative oncology (ii) Dysbiosis/ Leaky gut and impact of anti inflammatory diet on microbioma (iii) Motivational Interviewing (iii) Obesity/ chronic disease/ impact of group visit (iv) Evaluation of STEM Saturday (v) MEDSWISH and community Health	
Andres Rodriguez, MD Assistant Professor	arodr119@fiu.edu 305-348-9062	(i) NeighborhoodHELP related initiatives (ii) Social science and medicine, social determinants of health, population health, policy	
Gregory Schneider, MD Associate Professor	gschneid@fiu.edu 305-348-9166	(i) Quality improvement interventions to improve provision of preventive services; (ii) health equity research, particularly in relation to food insecurity/access to healthy food; and (iii) scholarship of teaching and learning in medicine, especially in regard to using literature to teach medical ethics and the doctor-patient relationship.	
Randal Silbiger, MD Assistant Professor	rsilbige@fiu.edu 305-348-4542	(i) Issues important in evaluating patients identified as LGBTQ+ (ii) Primary care needs of people living with HIV (iii) Role of Spirituality in patient wellness (iv) End of Life Care (v) Addressing (assessing and managing) a patient's risk of injury and death from accidents in the home or from lifestyle factors (e.g. gun safety) and the community benefit of educating patients about gun safety (vi) Community interventions for individual and public health (Stop the Bleeding, Teaching CPR to patients' family members, Narcan availability in the home for patients at risk of OD) (vii) Ethical issues when a physician's recommendations may conflict with laws or religious/cultural practices. (viii) Developing an evidence based curriculum to teach medicinal uses of cannabis products and its effects on society. (ix) Expanding the target age group for HPV vaccine - (x) Improving office efficiency while using EHR's	

Sarah Stumbar, MD Assistant Professor	sstumbar@fiu.edu 305-348-7973	Clinical: Sexual and reproductive health, with a particular focus on long-acting reversible contraception (IUDs and implants) and abortion in the primary care setting. Educational: Effective educational modalities regarding LGBTQAI and sexual/reproductive health and Family Medicine education	
Roland Tolchin, DO Clinical Assistant Professor	rtolchin@fiu.edu 786-596-2225	Using PSOCQ as a predictor of improved pain scores and disability status for patients with chronic low back pain	Baptist Health South Florida
Rebecca Toonkel, MD Assistant Dean and Assistant Professor	rtoonkel@fiu.edu 305-348-0669	Educational Research (i) Evaluation of a 4 year longitudinal training program for BLS/ACLS skills in medical students and integrated curriculum of antibiotic teaching (iii) Evaluation of an online learning platform for self-directed distance learning in 4th year medical students (iv) Evaluation of integrated case based approach to Musculoskeletal anatomy and to Chemotherapeutics comparison of small vs. large groups Medical Research (i) Efficacy/complications of brachytherapy for the treatment of prostate cancer (ii) Use of mesenchymal stem cells to treat of Idiopathic Pulmonary Fibrosis.	
Miguel Villalona-Calero, MD Professor	MiguelVil@baptisthealth.net 305-348-0669	Lung cancer, particularly in the area of developmental therapeutics, designing new and more effective drugs, clinical trials	Baptist Health South Florida

Orthopedics

John Uribe, MD Professor and Chair	jwuribe@fiu.edu 305-348-7977	Prospective studies being planned for research projects: (i) Anterior Cruciate Ligament Reconstruction with the Hybrid Technique. (ii) Anterior Cruciate Ligament Reconstruction With Fresh Frozen Allograft. (iii) Use of Biologics (PRP, Stem Cells) in Tendinopathies, and other orthopedic pathologies.	
Luis Vargas, MD Clinical Assistant Professor	luisva@baptisthealth.net 305-467-7698	Clinical research database survey	

Urology

Alan Nieder, MD Associate Professor and Chair	anieder@fiu.edu 305-348-0570	(i) Renal cell cancer (ii) Bladder cancer (iii) Ureteral/kidney stones (iv) Men's health/pripism/penile fractures	Mt. Sinai Medical Center
---	---------------------------------	--	--------------------------

Neuroscience

<p>Sergio Gonzalez-Arias, MD, PhD Executive Associate Dean for Clinical Affairs, Professor and Chair</p>	<p>semgonz@fiu.edu 305-348-3531</p>	<p>(i) EEG-triggered fMRI in epilepsy patients (ii) Measuring Participation and Executive Function in Individuals with Traumatic Brain Injury (TBI) (iii) iDEF Trial: Intracerebral hemorrhage DEFeroxamine trial (iv) Targeting soluble adenylyl cyclase in malignant gliomas using penetrant thermo-sensitive polymers (v) Effects of a Falls Prevention Program Following Hospital Discharge from a Neuroscience Unit (vi) Targeting soluble adenylyl cyclase in malignant gliomas using penetrant thermo-sensitive polymers (vii) The role of the soluble adenylyl cyclase in growth and survival of brain cancer cells, glial cells, and neurons</p>	<p>Baptist Health South Florida Pfizer</p>
<p>Arlet Maria Acanda de la Rocha, PhD Post Doctoral Associate</p>	<p>aacandad@fiu.edu 305-348-8438</p>	<p>Role of c-Jun N-terminal kinase signaling in glioblastoma stem-like cells senescence</p>	
<p>Diana Barratt, MD Associate Professor</p>	<p>dbarratt@fiu.edu 305-348-6190</p>	<p>A comparative analysis of stroke comorbidities in Haitian and non-Haitian populations of South Florida</p>	<p>Amer Acad Neurology Am Bd of Psy & Neurology</p>
<p>Amir Mahajer, DO Clinical Assistant Professor</p>	<p>Amir.mahajer@gmail.com 786-596-2225</p>	<p>Transforaminal epidural injections with platelet-rich plasma versus steroid in the treatment of lumbar radiculopathy.</p>	<p>Baptist Health South Florida</p>
<p>Yazmin Odia Clinical Assistant Professor</p>	<p>yazmino@baptisthealth.net 646-634-9655</p>	<p>Primary and secondary central nervous system neoplasms. Neuro-Oncology</p>	<p>Baptist Health South Florida</p>
<p>Vitaly Siomin, MD Clinical Associate Professor</p>	<p>vitalys@baptisthealth.net 305-271-6159</p>	<p>(i) Brain tumors, skull base, neuroendoscopy, spine and epilepsy (ii) Neuro-Oncology</p>	<p>Baptist Health South Florida</p>

Genetics

<p>Joe Leigh Simpson, MD Professor</p>	<p>simpsonj@fiu.edu 305-348-0616</p>	<p>Reproductive genetics, prenatal genetic diagnosis and birth defects</p>	
--	--	--	--

Obstetrics and Gynecology

Manuel Penalver, MD Professor and Chair	mapenalv@fiu.edu 305-663-7001	Analytical Research studies (i) Vaginal cuff complications after robotic hysterectomy with barbed vs non-barbed suture (ii) Does postoperative antibiotics decrease postoperative infectious morbidity after robotic or laparoscopic hysterectomy (iii) Detection rate of sentinel lymph node in endometrial and cervical cancer utilizing indocyanine green (ICG) fluorescence imaging vs methylene blue. (iv) ERAS Protocol in Benign Robotic Hysterectomies (v) Comparison of same day vs overnight stay robotic hyst: complications, and cost analysis (vi) Port site hernia after robotic hysterectomy 3 vs 4. (vii) Post-op complication rate for combined abdominoplasty and hysterectomy procedures	Baptist Health South Florida
Emery Salom, MD Assistant Professor	emsalom@fiu.edu 305-348-0570		
Sheldon Cherry, MD Associate Dean and Professor	shcherry@fiu.edu 305-348-4370	Clinical/applied research in obstetrics and gynecology	
Carolyn Runowicz, MD Associate Executive Dean, Academic Affairs and Professor	crunowic@fiu.edu 305-348-0616	(i) Breast, Ovarian Cancer Research (ii) Nanotechnology drug delivery system (iii) Training grant in health disparities	
Joe Leigh Simpson, MD Professor	simpsonj@fiu.edu 305-348-0616	Reproductive genetics, prenatal genetic diagnosis and birth defects	

Ophthalmology

Pedro Lopez, MD Professor and Chair	pflopez@fiu.edu 305-348-7977	Clinical research database survey	
Jessica Ramella-Roman, PhD Associate Professor	jramella@fiu.edu 305-348-3015	Optical imaging for biology. Use of non invasive microscopic techniques such as two photon and second harmonic microscopy for the characterization of disease	FIU Foundation
William Trattler, MD Clinical Associate Professor	wtrattler@gmail.com 305-598-2020	Refractive surgery and keratoconus	
Scheffer Tseng, MD, PhD Clinical Associate Professor	stseng@ocularsurface.com 305-348-7977	Cornea and ocular surface disease	

Psychiatry and Behavioral Health

Daniel Casellanos, MD Assistant Dean, Professor and Founding Chair	dcastell@fiu.edu 305-348-4147	Flakka, substance abuse, child and adolescent psychiatry	
Rodolfo Bonnin, PhD Assistant Professor	rbonnin@fiu.edu 305-348-0660	Nervous System and Behavior	
Carissa Caban-Aleman, MD Assistant Professor	ccabanal@fiu.edu 305-348-3890	Integrated care, with a focus on the homeless population.	
Eduardo Camps-Romero, MD Assistant Professor	ecampsro@fiu.edu 305-348-7674	Social science, behavioral health and medicine with a focus on the Green Family Foundation NeighborhoodHelp household centered model of care, social determinants of health, integrated socio-beahvioral primary care and population health He'd be interested in working on projects using existing data sets (EMR, NHELP Portal/Health Risk Profile, etc.), and on data collection studies or on further exploring how resilience, spirituality, meditation, could be employed and studied, both qualitatively and quantitatively, in NeighborhoodHELP.	
Adriana Foster, MD Professor	adfoster@fiu.edu 305-348-8463	(i) Schizophrenia (ii) Virtual Human Simulation in medical education	
Francisco Quintana, PhD Assistant Professor	FQuintan@citrushealth.com 305-825-0300	(i) Stigma against mental illness; (II) Chronic severe mental illness; (iii) People who are homeless and have mental illness	
Leonard Gralnik, MD, PhD Assistant Professor	gralnikl@fiu.edu 305-348-4841	Suicide Prevention	
Eugenio Rothe, MD Professor	erothe@fiu.edu 305-348-3627	(i) Child and Adolescent Psychiatry, (ii) Forensic (Medical-Legal) Psychiatry	
Margaret Sibley, PhD Associate Professor	msibley@fiu.edu 305-348-3005	Attention-Deficit/Hyperactivity Disorder (ADHD)	Institute of Education Sciences NIH/NIMH FIU Foundation

Pathology

Robert Poppiti, MD Professor and Chair	Robert.Poppiti@msmc.com 305-348-7977	Clinical research database survey	
Amilcar Castellano-Sanchez, MD Associate Professor	castelam@fiu.edu 305-348-7977	(i) Correlating the Gross Measurement with the Microscopic Measurement on Core Needle Biopsies and Surgical Excisions for The Assessment of Tumor Size in Breast Carcinoma (ii) Heparin induced thrombocytopenia ordering practices at Mount Sinai Medical Center (iii) Assessment of the uncinata margin in pancreaticoduodenal resection specimen: what is the correlation between patterns of nerve invasion and recurrence? (iv) Usefulness of neutrophilic markers and the Von Kossa and Masson's Trichrome stains in the postmortem diagnosis of pancreatitis. (v) Clinicopathological correlation of vimentin staining patterns in acute kidney injury: a surrogate marker of tubular regeneration/ injury?	
John Alexis, MD Clinical Associate Professor	john.alexis@msmc.com 305-674-2277	Dermatopathology/Immunohistochemistry	
Lydia Howard, MD Clinical Assistant Professor	lydia.howard@msmc.com 305-674-2277	Cardiovascular Pathology Transfusion Medicine	
Ana Maria Medina, MD Clinical Assistant Professor	ana.medina@msmc.com 305-674-2277	Cytopathology and Hematopathology	
Yumna Omarzai, MD Clinical Assistant Professor	yumna.omarzai@msmc.com 305-674-2277	Urologic and Cytopathology	
Monica Recine, MD Clinical Assistant Professor	monica.recine@msmc.com 305-674-2277	Gynecological and Cytopathology, Microbiology	
Vathany Sriganeshan, MD Clinical Assistant Professor	vathany.sriganeshan@msmc.com 305-674-2277	Hematopathology Bone & Soft Tissue	
Cristina Vincentelli, MD Clinical Assistant Professor	cristina.vincentelli@msmc.com 305-674-2277	Endocrine and Neuropathology	

Pediatrics

Jefry Biehler, MD Associate Professor and Chair	jbiehle@fiu.edu 786-624-2890 (Vanessa)	Clinical research database survey	
Redmond Burke, MD Clinical Professor	Redmond.Burke@mch.com 305-348-7452 (Lynnette)	Cardiovascular Surgery	
Alejandro Diaz, MD Clinical Assistant Professor	Alejandro.Diaz@mch.com 305-348-7452 (Lynnette)	Endocrinology	
Magaly Diaz-Barbosa, MD Clinical Assistant Professor	mdiazbar@fiu.edu 305-348-7452 (Lynnette)	Neonatology	
Kristine Guleserian, MD Clinical Associate Professor	Kristine.Guleserian@mch.com 305-348-7452 (Lynnette)	Cardiovascular Surgery	
Vivian Hernandez-Trujillo, MD Clinical Associate Professor	Vivian.Hernandez- Trujillo@mch.com 305-348-7452 (Lynnette)	Allergy Immunology	
Julie Kantor, MD Assistant Professor	jkantor@fiu.edu 305-348-7452 (Lynnette)	General Pediatrics	
Jason Katz, MD Clinical Assistant Professor	Jason.katz4@fiu.edu 305-348-7452 (Lynnette)	Cardiac Critical Care	
Keith Meyer, MD Clinical Associate Professor	Keith.Meyer@mch.com 305-348-7452 (Lynnette)	Critical Care Medicine	
Alisa Muñiz Crim, MD Clinical Assistant Professor	Alisa.MuñizCrim@mch.com 305-348-7452 (Lynnette)	Gastroenterology	
Jesse Reeves-Garcia, MD Clinical Professor	Jesse.Reeves- Garcia@mch.com 305-348-7452 (Lynnette)	Gastroenterology	
Anthony Rossi, MD Clinical Professor	Anthony.Rossi@mch.com 305-348-7452 (Lynnette)	Cardiology	
Balagangadhar Totappally, MD Clinical Professor	Balagangadhar.Totappally@m ch.com 305-348-7452 (Lynnette)	Critical Care Medicine	

Radiation Oncology

Minesh Mehta, MD Professor and Founding Chair	MineshM@baptisthealth.net 786-527-8029	Clinical research database survey (i) demonstrating clinical benefit from advanced radiation technologies such as proton therapy (ii) exploring novel combinations of radiation and other agents (i.e. radiosensitizers, immunotherapy, targeted agents, nanotechnology, etc.) (iii) technologies or devices that mitigate radiation toxicity - as an example I am discussing a clinical trial with Anuradha Godavarty at FIU involving optimal imaging to assess radiation dermatitis after application of a skin cream in breast cancer patients (iv) comparative/cost effectiveness analyses	
Andre Abitol, MD Clinical Professor	AndreaA@baptisthealth.net 786-594-7744	Advance Care for Head and Neck Cancers with Personalized Treatment	
Michael Chuong, MD Clinical Assistant Professor	MichaelChu@baptisthealth.net 786-527-8140	(i)Advanced radiation technologies for GI cancers including stereotactic body radiation therapy, MR-guided radiation therapy, and proton therapy (ii) Yttrium-90 radioembolization of liver tumors (iii)Radiation and immunotherapy combinations	
Marcio Fagundes, MD Clinical AssociateProfessor	MarcioF@baptisthealth.net 786-594-7744	Proton therapy to reduce toxicity in breast and prostate cancer patients; hydrogel spacer to reduce rectal toxicity in prostate cancer patients	
Jerry George, PhD Clinical Assistant Professor	JerryGe@baptisthealth.net 786-594-7744	Yttrium-90 liver radioembolization dosimetry	
Alonso Navar Gutierrez, PhD Clinical Asociate Professor	AlonsoG@baptisthealth.net 786-527-7631	Chief of medical physics; (i) Patient surface monitoring to improve accuracy of radiation therapy (ii) Techniques to enhance motion management of moving tumors (iii) Developing online adaptive MR-guided radiation therapy workflow (iv) Developing novel proton therapy applications for challenging cases	
Matthew Hall, MD Clinical Assistant Professor	MatthewHa@baptisthealth.net 786-594-7744	Advanced radiation technologies for pediatric and CNS cancers including stereotactic body radiation therapy and proton therapy; minimizing radiation-induced toxicity in pediatric patients; radiation therapy and novel systemic therapy combinations	
Rupesh Kotecha, MD Clinical Assistant Professor	RupeshK@baptisthealth.net 989-708=1609	Novel applications of radiation therapy for cardiac arrhythmias; stereotactic radiosurgery for brain tumors; hippocampal avoidance in CNS patients; proton therapy for CNS and lung tumors; radiation and immunotherapy combinations	
D. Jay Wiczorek, PhD Clinical Assistant Professor	DjayW@baptisthealth.net 786-594-7278	Senior Medical Physicist responsible for radiation oncology instrumentation	
Jen Yu, PhD Clinical Assistant Professor	JenY@baptisthealth.net 786-594-7227	Therapeutic medical physics	

Surgery

<p>Jaime Rodriguez, MD Associate Professor and Chair</p>	<p>jrodigz@fiu.edu 305-348-6169</p>	<p>Create evidence-based quality assurance registry at West Kendall Baptist Hospital for use by HWCOR medical students and to improve quality standards for surgeons at WKBH:</p> <ul style="list-style-type: none"> (i) Value of intraoperative cholangiogram in elective cholecystectomy with normal LFT'S (ii) Evaluation of diagnostic imaging practices in patients that present with RUQ abdominal pain (iii) The association between risk factors leading to complications in laparoscopic hernia repair (iv) The association between the use of serotonin re-uptake inhibitors and post-surgical outcomes (v) The effect of race on morbidity from total hip replacement surgery (vi) What is the association between race and readmission rate for patients due to complications s/p laparoscopic cholecystectomy? (vii) Effect of BMI on post-operative days in West Kendall Baptist Hospital following laparoscopic colon resection for colon cancer. (vii) "When/if to stop anti-coagulation/anti-platelet therapy pre-operatively?" (ix) Is there an association between time of surgical intervention and prolonged LOS after surgery in patients diagnosed with subacute bacterial endocarditis at West Kendall Baptist Hospital (x) Insurance status as a determinant of rate of admission for patients receiving Colle's fracture repairs (xi) Association between On-Hour vs Off-Hour arrival to the E.R. and rates of complications for appendectomy (xii) Laparoscopy and Robotic Hemicolectomies: A comparison in a community hospital 	
		<ul style="list-style-type: none"> (xiii) Exploring Robotic Surgery (xiv) Diagnostic Imaging for Gallbladder Surgery. A pilot study (vx) Are appendectomy delays associated with increased risk of post-operative complications? A pilot study (vxi) Kidney Transplant Protocol 	
<p>Juan Gonzalez Research Coordinator</p>	<p>jcgonzal@fiu.edu 305-348-4358</p>		
<p>Seza Gulec, MD Professor</p>	<p>sgulec@fiu.edu 305-348-0570</p>	<p>Research Programs in pancreatic and liver cancer</p>	<p>Rupe Foundation Rinker Foundation</p>
<p>Michael Zinner, MD Professor</p>	<p>michaelzi@baptisthealth.net 786-527-8010</p>	<p>Pancreatic-hepatobiliary diseases</p>	<p>NIH</p>

Interventional Radiology

<p>Barry Katzen, MD Associate Dean, Professor and Chair</p>	<p>katzenba@fiu.edu 305-348-9280</p>	<p>(i) CREST 2 Trial: Carotid REvascularization and medical management for asymptomatic carotid Stenosis Trial</p> <p>(ii) Prospective Non-blinded Study to Determine the Relationship between Ablation Therapy for Atrial Fibrillation (AF), Quality of Life and AF Specific Symptoms at 1 year.</p> <p>(iii) Venous access history of patients to identify and provide knowledge to clinicians on patients who are undergoing interventional procedures.</p> <p>(iv) AAA Database Data mining study on the genetic evaluation of individuals with AAA disease in the same family.</p> <p>(v) Tissue bank of Aortic valve leaflet collection following surgical resection for the evaluation of neurological formations and correlation of their clinical relevance in Aortic valve disease.</p> <p>(ix) Short pilot study designed to provide important information regarding the feasibility of the use of Ferumoxytol-enhanced MRA in Patients with AKI or CKD Stage 4 or 5.</p> <p>(x) A retrospective study to provide Retrospective Non-blinded Study Comparing the Clinical Outcomes of Percutaneous Mitral Valve Repair Therapy with the MitraClip Device for Functional Mitral Regurgitation</p>	<p>Baptist Health South Florida NIH-NINDS</p>
<p>Raul Herrera, MD Clinical Assistant Professor</p>	<p>raulh@baptisthealth.net 786-596-3505</p>	<p>(i) Predictors of Complete Heart Block after Trans Aortic Valve Replacement (TAVR) procedures: This is a prospective evaluation of post procedural AH and/or HV interval changes in electro conductivity through the bundle of His to determine association with new onset of Atrio -Ventricular Block in patients undergoing TARVR at the MCVI.</p> <p>(ii) The "Iron Study": Prospective, Non-blinded, Observational Evaluation of the use of Ferumoxytol-enhanced MRA for cardiovascular imaging in patients with renal dysfunction. The purpose of this study is to provide important information regarding the feasibility of the use of Ferumoxytol-enhanced MRA in Patients with AKI or CKD Stage 4 or 5.</p> <p>(iii) Cardiogenic Shock Initiative: A prospective non randomized trial to evaluate a new treatment algorithm during Cardiogenic Shock. The protocol involves early Impella use prior to PCI and Right Heart Catheter monitoring in AMI-Cardiogenic Shock.</p> <p>(iv) Outcomes evaluation of unique Innovative Interventional Cardiology technology system to correlate a precision guidance system with clinical decision making during percutaneous coronary interventions at MCVI.</p> <p>(v) Outcomes evaluation of multiple Cardiac Electrophysiology interventions for patients with paroxysmal atrial fibrillation not responding to clinical therapy.</p>	<p>NIH Baptist Health South Florida</p>