



**Phase A**  
**Academic Year 2018-2019**

**Self-Directed Student Scholarly  
Project (SDSSP) –COM 623/624**

**List of Faculty Supervisors for Scholarly Projects**

Below is the list of faculty with their area of interests who can serve as supervisors for student scholarly projects. This will serve as a resource for the students seeking faculty mentors. This list is updated at regular intervals as new faculty with research interests are appointed to CNUCOM.

If the students have any questions please feel free to contact:

Dr. Ishwarlal (Kenny) Jialal  
 Assistant Dean of Research  
 Professor of Physiology, Metabolism, and Pathology  
 Course Director, SDSSP (COM 623/634)  
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## FACULTY SUPERVISORS WITH RESEARCH INTERESTS

Faculty Name	Position	Areas of Interest
Vijay Khatri Vijay.Khatri@cnsu.edu	Professor of Surgery	Surgical Oncology
Sheryl Krig Sheryl.Krig@cnsu.edu	Assistant Professor of Biochemistry	Molecular Oncology Preclinical development of therapeutic strategies to target transcription factors in Breast Cancer
Arpita Vyas Arpita.vyas@cnsu.edu	Associate Professor	Pediatrics endocrinology, prenatal programming
Ghaith Al-Eyd ghaith.aleyd@cnsu.edu	Associate Professor of Pathology	Research in medical education: Curriculum development and management; Assessment and evaluation; Designing pedagogies). Pathology of cervix, breast; adrenal gland, pleura, and peritoneum
Nripendra Dhillon Nripendra.Dhillon@cnsu.edu	Associate Professor of Anatomy	Medical Education
Guy diSibio Guy.diSibio@cnsu.edu	Associate Professor of Pathology, Hematopathology, Surgical Pathology, Molecular Genetics	Integrating Electronic Medical Record training into the undergraduate medical curriculum. Hematopoietic malignancies; population genetics; DNA variant annotation using ACMG criteria; disparities in use of genetic testing. Innovation in medical student education.
Nehad El-Sawi Nehad.ElSawi@cnsu.edu	Professor of Microbiology and Immunology	Utilization and Effectiveness of web-Based Faculty Development Seminars
Katherine Whitcome Katherine.Whitcome@cnsu.edu	Assistant Professor	Functional and Comparative Anatomy
Susan Ely Susan.Ely@cnsu.edu	Professor of Molecular Biology, Immunology, and Microbiology	Medical Education

Darilyn Falck Darilyn.Falck@cnsu.edu	Associate Professor of Emergency Medicine	Global health, traveler's health, and tropical medicine. Case studies in emergency medicine.
Xiaodong Feng Xiaodong.Feng@cnsu.edu	Professor of Pharmacology and Oncology	Assessing Risks of Impaired Healing and Osteomyelitis Associated with Bisphosphonates
Rochelle Frank Rochelle.Frank@cnsu.edu	Associate Professor of Neurology	Medical Education, Physician Wellness and Resilience, Functional Neurologic Disorder
Valerie Gerriets Valerie.Gerriets@cnsu.edu	Assistant Professor of Pharmacology	Immunology research: The role of serotonin in the bidirectional interaction between the brain and immune system Medical education research: Medical student burnout and psychological wellbeing
Louise Glaser Louise.Glaser@cnsu.edu	Associate Professor of Pediatrics	Medical Education, Leadership, Communication skills, Physician Wellness and Resilience
Nazila Hejazi Nazila.Hejazi@cnsu.edu	Assistant Professor of Pathology	Surgical Pathology with emphasis on cytopathology and medical education
Laura Hoffman Laura.Hoffman@cnsu.edu	Associate Professor of Endocrinology	Clinical Endocrinology
Rudolph Holguin Rudolph.holguin@cnsu.edu	Associate Professor of Emergency Medicine	Electronic medical record technology applied to medical education
Michael Ibrahim Michael.Ibrahim@cnsu.edu	Associate Professor of Biochemistry, Pharmacology, Physiology, and Radiology/Imaging	Pharmacokinetics Imaging applied to disease states. Transport phenomena in tissues
Ishwarlal Jialal Ishwarlal.Jialal@cnsu.edu	Professor of Physiology, Metabolism, and Pathology	Diabetes, ASCVD, Metabolic Syndrome, Endocrinology
Kamaljeet Khaira	Clinical Instructor	Concussion Awareness, Prevention and Treatment
Ravinder Khaira Ravinder.Khaira@cnsu.edu	Associate Professor of Public Health, Pediatrics, and Adolescent Medicine	Impact of the Affordable Care Act on Pediatric Immunization Access in Northern California
Philip Mack Philip.Mack@cnsu.edu	Professor of Biochemistry, Cell Biology, Genetics, Oncology and Research	Molecular oncology and cancer genetics, with a focus on thoracic malignancies. Translational (bench-to-bedside) medicine and clinical trials design.
James Martel James.Martel@cnsu.edu	Clinical Professor of Ophthalmology	Clinical Ophthalmology
Malcolm McHenry Malcolm.McHenry@cnsu.edu	Associate Professor of Internal Medicine, Cardiology and Medical Skills	Clinical cardiology
Joseph Silva Joseph.silva@cnsu.edu	Dean COM	Infectious Diseases
Mark Owens Mark.Owens@cnsu.edu.	Associate Professor of Surgery	Identifying age as an indicator of prognosis post femoral neck fracture
José Puglisi Jose.Puglisi@cnsu.edu	Assistant Professor of Physiology and Biostatistics	3D printing projects. LabHEART Quattro: A Computer Model to Study Cardiac Electrophysiology
Rajendra Ramsamooj Rajendra.Ramsamooj@cnsu.edu	Professor of Pathology, Surgical Pathology and Clinical Skills	GVHD, Immune Tolerance, Novel Imaging, Biomarkers

Leonard Ranasinghe Leonard.Ranasinghe@cnsu.edu	Professor of Medical Education and Emergency Medicine	Emergency medicine related projects-chart review ROPE: Delayed PE Diagnosis
Tracy Yarborough Tracy.Yarborough@cnsu.edu	Associate professor, Physiology	Critical thinking and metacognition in medical education (UME, GME and CME), factors affecting motivation and self-efficacy in novice and expert learners, high value diagnostic imaging (especially cardiovascular and oncologic applications)
Dinesh Vyas Dinesh.Vyas@cnsu.edu	Associate Professor of Surgery, Chairman of Surgery	Basic Science: Breast cancer research:-use of nanotechnology and sepsis. Global Health initiative. Focusing on trauma in rural US and globally in fast growing economies
Catherine Yang Catherine.Yang@cnsu.edu	Professor of Molecular Pharmacology, Medicinal Chemistry, and Biomedical Sciences	Protease Regulatory Roles in Prostate Cancer and Type 2 Diabetes; Drug Design for Chronic Myelogenous Leukemia via Apoptotic Control
Peter Yip Peter.Yip@cnsu.edu	Associate Professor of Internal Medicine & Occupational Medicine	Clinical Research
Jean-Claude Veille JVeille@valleychildrens.org	Professor	1) Metabolic adaptation during pregnancy, 2) Cardiovascular adaptation during pregnancy, 3) Fetal Growth restriction and Barker Hypothesis 4) Exercise during pregnancy, 5) Twin pregnancies
Ahmed El-Shamy (ahmed.elshamy@cnsu.edu)	Assistant Professor	1- General Virology 2- Viral hepatitis 3- Liver immunology
Hongbin Wang (Hongbin.wang@cnsu.edu)	Assistant Professor	1-Pharmacology/Drug Development 2- Cancer Cell Signaling 3-Immunology Research: The Complement C4 in autoimmune diseases, sepsis and diabetes
Simeon O. Kotchoni (simeon.kotchoni@cnsu.edu)	Associate Professor, Molecular Physiology and Biochemistry	1-Pharmacognosy 2-Ethnopharmacology 3-Metabolomics, 4-Proteomics, 5-Drug discovery 6-Type 2 Diabetes and Cancer Disease Metabolic Network
Lakshmi Shankar Chaturvedi, PhD Lakshmi.chaturvedi@cnsu.edu	Associate Professor-Clinical Research and Genetics	Research interest: cancer and cell signaling, mitosis, apoptosis, wound healing, differentiation, nanoparticles and drug targets in biomedical research and healthcare.