



NEW YORK MEDICAL COLLEGE

A MEMBER OF THE TOURO COLLEGE AND UNIVERSITY SYSTEM

School of Medicine

Medical Student Research Opportunities Catalog

April 24, 2019

	A	B	C	D	E	F	G	
1	SOM Student Research Opportunities						updated 4.5.2019	
2	CLINICAL RESEARCH							
3	MENTOR	DEGREE (Mentor)	E-MAIL (Mentor)	LOCATION	DEPARTMENT	EXAMPLES OF PREVIOUS/ONGOING PROJECTS	LINK TO WEBPAGE	
4	Ludmer, Pamela	MD	pamela_ludmer@nymc.edu	WMC	Anesthesiology	The need for a pain curriculum in medical education	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/medicine/	
5	Sekhri, Nitin	MD	nitin.sekhi@wmchealth.org	WMC	Anesthesiology	Analysis of PCA Pause Alarm Data	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/anesthesiology/	
6	Weber, Garret	MD	garret.weber@wmchealth.edu	WMC	Anesthesiology	Case report of intractable pain in acute pancreatitis managed with ketamine	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/anesthesiology/	
7	Yandrapalli, Srikanth	MD	srikanth.yandrapalli@wmchealth.org	WMC	Cardiology	Gender/race differences in the rate and method of revascularization in patients with a first AM in the US		
8	Zaid, Syed	MD	syed.zaid@wmchealth.org	WMC	Cardiology	TAVR implant depth association with pacemaker requirement		
9	Frishman, William* NOTE: For the past 15 years, Dr. Frishman has run an extremely popular and successful Elective in Cardiology Research that is frequently part of a senior honors thesis. Highly recommended for anyone with an interest in this field!	MD	william_frishman@nymc.edu	WMC	Cardiology, Internal medicine	1. Cardiovascular manifestations of multiple myeloma, treatment and disease; 2. Frailty considerations in transcatheter aortic valve replacement; 3. Incidence of congenital heart disease in the era after corrective cardiac surgery; 4. Cardiovascular effects of chemotherapy for breast cancer; 5. The effect of Losmapimod on cardiovascular outcomes in patients hospitalized with an acute myocardial infarction; 6. Outcomes modification in patients with diastolic HF undergoing bariatric surgery; 7. Chronic hepatitis and atherosclerotic cardiovascular disease; 8. Cardiovascular mortality; 9. Review of transcatheter interatrial shunting for treatment of patients with heart failure; 10. The interplay of genetics in cyanotic heart disease; 11. Stem cell therapy for myocyte regeneration following ischemic damage; 12. Impact of inflammatory bowel disease on the management of CAD; 13. The efficacy of tocilizumab in the induction and maintenance of remission in giant cell arteritis; 14. The effect of inhaled Xenon as a neuroprotective agent on morbidity and mortality of comatose cardiac arrest patients; 15. Beta blocker use for CHF/CAD patients with coexistent COPD: a review;	https://www.nymc.edu/faculty/directory/by-name/frishman-william/	
10	Mathew, Rajamma	MD	rajamma_mathew@nymc.edu	WMC	Cardiology, pediatric	Pulmonary endothelial cell membrane integrins in fetus/infants with alterations in pulmonary vasculature	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/mathew-rajamma/	
11	Miliariesis, Christa	MD	christa.miliariesis@bchphysicians.org	WMC	Cardiology, pediatric	Improving utilization of the pre-participation evaluation	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/	
12	Newman, Stuart	PhD	stuart_newman@nymc.edu	NYMC	Cell Biology and Anatomy	Exploring mechanism of retinal ganglion cell axonal guidance	https://www.nymc.edu/stuart-a-newman/	
13	Sehgal, Pravin	MD/PhD	pravin_sehgal@nymc.edu	NYMC	Cell Biology and Anatomy	1. Membrane-associated trafficking of STAT3; 2. Pulmonary arterial hypertension: a disease of tethers, SNAREs and SNAPS?	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/cell-biology-and-anatomy/sehgal-pravin/	
14	Gottlieb, Alice	MD	alicegottliebderm@gmail.com	WMC/Metropolitan	Dermatology	Evaluation of the incidence of latent TB infections in psoriatic patients	https://www.nymc.edu/faculty/directory/by-name/gottlieb-alice/	
15	Safai, Bijan	MD/ScD	bijan_safai@nymc.edu OR safai@aol.com	NYMC/Metropolitan Hospital	Dermatology	Dr. Safai is the Chair and Dermatology Residency Program Director. His department is engaged in a wide variety of projects. https://www.nymc.edu/departments/academic-departments/school-of-medicine/dermatology/about-the-chairman/	https://www.nymc.edu/faculty/directory/by-name/safai-bijan/	
16	Chirurgi, Roger	MD	roger_chirurgi@nychhc.org	Metropolitan Hospital	Emergency medicine	1. Does shortening the length of ED stays improve quality of healthcare for pediatric psychiatry patients?; 2. What is the correlation between patients presenting to the ED with urethritis and positive urine cultures for chlamydia and/or gonococcal infections?; 3. Appendicitis diagnosis	https://www.nymc.edu/departments/academic-departments/school-of-medicine/emergency-medicine/contact/	
17	Almond, Gregory	MD	gregory_almond@nymc.edu	Metropolitan Hospital	Emergency medicine (Chair)	Students are welcome to develop their own projects or join existing projects. Students will also be able to observe and work closely with the attending staff to develop a better understanding of EM as a subspecialty.	https://www.nymc.edu/faculty/directory/by-name/almond-gregory/	
18	Hassen, Getaw Worku	MD/PhD	getaworku.hassen@nychhc.org	Metropolitan Hospital	Emergency medicine (Director)	The prevalence and effects of synthetic cannabinoid use	https://www.nymc.edu/departments/academic-departments/school-of-medicine/emergency-medicine/research/	

	A	B	C	D	E	F	G
3	MENTOR	DEGREE (Mentor)	E-MAIL (Mentor)	LOCATION	DEPARTMENT	EXAMPLES OF PREVIOUS/ONGOING PROJECTS	LINK TO WEBPAGE
19	Nadler, Jerry	MD	jerry_nadler@nymc.edu	NYMC/WMC	Endocrinology, Pharmacology, Medicine	Dr. Nadler's groundbreaking contributions—which focus on understanding cardiovascular complications of diabetes and obesity—include his work in identifying inflammatory pathways leading to pancreatic beta cell damage, insulin resistance and atherosclerosis. Toward this end, his research has led to the development of preventative therapies and the identification of new small molecules blocking 12-Lipoxygenase activity. He has research funding from the NIH as well as the Juvenile Diabetes Foundation and his current work is designed to determine whether a virus could be a trigger for Type 1 diabetes.	https://www.nymc.edu/faculty/directory/by-name/nadler-jerry/
20	Kittleson, Mark	MD	mkittleson@nymc.edu	Neighborhood Health Center, Hoboken, NJ	Family medicine	Chlamydia screening in sexually active women at Neighborhood Health Center, Hoboken, New Jersey	https://www.nymc.edu/faculty/directory/by-name/kittleson-mark/
21	McAteer, Rebecca	MD	rmcateer@northwell.edu	Open Door Clinics	Family Medicine	Nutrition resources and education in Hispanic communities in Westchester County	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/family-and-community-medicine/
22	Lebovics, Edward	MD	edward_lebovics@nymc.edu	WMC	Gastroenterology	CONTACT FOR UPHAM GI STUDENT RESEARCH FELLOWSHIP!	https://www.nymc.edu/faculty/directory/by-name/lebovics-edward/
23	Shaban, Mohamed	MD	mohamed.shaban@wmchealth.org	WMC	Gastroenterology, pediatric	Pediatric small bowel arteriovenous malformation case report	
24	Golfeyz, Shmuel	MD	golfeyzs@nychhc.org	NYC Health/Metropolitan Hospital	Gastroenterology/hepatobiliary diseases	Assesment of risk-scoring systems for upper GI bleeding in the emergency department	
25	Maffei, Anthony	MD	anthony_maffei@nymc.edu	WMC	General Surgery	Comparing excess weight loss and comorbidity resolution with laparoscopic sleeve gastrectomy versus Roux-en-Y gastric bypass after single-stage conversion from failed adjustable gastric band: a retrospective 4-year study	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/surgery/maffei-anthony/
26	Lerner, Robert	MD	robert.lerner@wmchealth.org	WMC	Hematology	G-CSF therapy and chronic idiopathic neutropenia	https://www.nymc.edu/departments/academic-departments/school-of-medicine/medicine/divisions/hematology-and-neoplastic-diseases/
27	Wormser, Gary	MD	gwormser@nymc.edu	WMC-Bradhurst Building	Infectious diseases	Dr. Wormser leads a top-flight team of experts in the study of tick-borne diseases, including Lyme disease, anaplasmosis, and babesiosis. Students will participate in the clinical and research activities of the Lyme Disease Diagnostic Center at NYMC.	https://www.nymc.edu/faculty/directory/by-name/wormser-gary/
28	Goligorsky, Michael	MD/PhD	michael_goligorsky@nymc.edu	NYMC	Med/Pharm/Phys	Endothelial cell dysfunction; acute kidney injury	https://www.nymc.edu/faculty/directory/by-name/goligorsky-michael/
29	Petersen, Kristina H.	PhD	k.harrispetersen@nymc.edu	NYMC	Medical Education	Creating effective NBME exam review sessions for medical students in third-year clerkships	
30	Risucci, Donald	PhD	donald_risucci@nymc.edu	NYMC	Medical Education	Impact peer tutoring services has on exam performance	https://www.nymc.edu/faculty/directory/by-name/risucci-donald-a/
31	Bedzow, Ira	PHD	ira_bedzow@nymc.edu	NYMC	Medical Ethics	1. Zika: Emerging global epidemic and ethics of reproductive health; 2. Idioms of mental distress in Haiti	https://www.nymc.edu/faculty/directory/by-name/bedzow-ira/
32	Kronn, David	MD	david_kronn@nymc.edu	WMC	Medical Genetics (Director)	Medical genetics is an expanding specialty as the molecular etiology of more and more diseases is understood. A summer fellowship will allow students to gain insights into the diagnosis, evaluation and management of a range of patients with genetic disorders and inborn errors of metabolism. The program is a referral site for newborn screening, and this forms the basis for its many research interests. Upon completion of the summer program, students will have an enhanced understanding of the interface of medical genetics with all areas of medicine.	https://bchphysicians.org/directory/david-kronn/
33	Christov, Marta	MD/PhD	marta_christov@nymc.edu	NYMC	Medicine	Hormonal changes in hypercalcemia of malignancy: focus on FGF23	https://www.nymc.edu/faculty/directory/by-name/christov-marta/
34	Geliebter, Jan	PhD	jan_geliebter@nymc.edu	NYMC	Microbiology and Immunology	RNA sequencing of thyroid cancer	https://www.nymc.edu/faculty/directory/by-name/geliebter-ian/
35	Chugh, Savneek	MD	Savneek_Chugh@nymc.edu	WMC	Nephrology	Risk factors for kidney injury in patients requiring ECMO	https://www.nymc.edu/faculty/directory/by-name/chugh-savneek-singh/
36	Al-Mufti, Fawaz	MD	fawaz.al-mufti@wmchealth.org	WMC	Neurological surgery	Subarachnoid hemorrhage and acute ischemic stroke outcomes project	https://www.nymc.edu/departments/academic-departments/school-of-medicine/neurosurgery/

	A	B	C	D	E	F	G
3	MENTOR	DEGREE (Mentor)	E-MAIL (Mentor)	LOCATION	DEPARTMENT	EXAMPLES OF PREVIOUS/ONGOING PROJECTS	LINK TO WEBPAGE
37	Bowers, Christian* Dr. Bowers oversees a clinical research program that involves many M1s and M2s in addition to more senior students.	MD	christian.bowers@wmchealth.org	Ms. Lizbel Aquino, Administrative Assistant to the Dept of Neurosurgery: (914) 493-5216; lizbel.aquino@wmchealth.org	Neurological surgery	1. Frailty and neurosurgical implications; 2. Are EVDs for CSF diversion a safe alternative for posterior fossa tumor patients without hydrocephaly?; 3. Do increasing patient-reported allergies adversely effect outcome after MVD?	https://www.nymc.edu/departments/academic-departments/school-of-medicine/neurosurgery/
38	Santarelli, Justin	MD	justin.santarelli@wmchealth.org	WMC	Neurological surgery	PED treatment of intracranial aneurysms presenting with third nerve palsy	https://www.nymc.edu/departments/academic-departments/school-of-medicine/neurosurgery/patient-care-services/cerebrovascular-and-endovascular-neurosurgery/
39	Etienne, Mill	MD	mill_etienne@nymc.edu	Good Samaritan Hospital	Neurology	1. Bilateral MCA occlusion/phantom rectum syndrome; 2. Clinical benefits in patients with traumatic brain injury (TBI) who attend brain injury support groups	https://www.nymc.edu/faculty/directory/by-name/etienne-mill/
40	Jhanwar-Uniyal, Meena	PhD	meena_jhanwar@nymc.edu	NYMC	Neurology	1. Molecular pathways and therapeutic targets in glioblastoma; 2. Histological subtypes correlate with distinct genetic abnormalities	https://www.nymc.edu/faculty/directory/by-name/jhanwar---uniyal-meena/
41	Marks, Stephen	MD	stephen_marks@nymc.edu	WMC	Neurology	Limb-shaking transient ischemic attack: an unusual case	https://www.nymc.edu/faculty/directory/by-name/marks-stephen/
42	Clare, Camille	MD	camille_clare@nymc.edu	Metropolitan Hospital	Obstetrics/Gynecology	1. Role of transvaginal ultrasound (TVUS) for IUD placement in the immediate postpartum and postabortal period; 2. Postpartum depression and its impact on neonatal health; 3. Women speak out: female genital cutting	https://www.nymc.edu/faculty/directory/by-name/clare-camille/
43	Ritch, Robert	MD	Please contact Ms. Katy Tai, Research Coordinator: KTai@NYEE.EDU	New York Eye and Ear	Ophthalmology	Genetic etiologies of glaucoma related eye diseases	https://www.mountsinai.org/profiles/robert-ritch
44	Sharma, Sansar	PhD	sansar_sharma@nymc.edu	WMC	Ophthalmology	Use of intravitreal steroids in uveitis patients with cataracts	https://www.nymc.edu/faculty/directory/by-name/sharma-sansar/
45	Wandel, Thaddeus	MD	tad_wandel@nymc.edu	WMC	Ophthalmology	Glaucoma shunts and glaucoma blood tests	https://www.nymc.edu/departments/academic-departments/school-of-medicine/ophthalmology/faculty/
46	Zaidman, Gerald	MD	gerald_zaidman@nymc.edu	WMC	Ophthalmology	Corneal diseases	https://www.nymc.edu/departments/academic-departments/school-of-medicine/ophthalmology/faculty/
47	Lucas, Paul	PhD	paul_lucas@nymc.edu	NYMC	Orthopedic surgery	Differentiating human MASCs in culture using Wnt11	https://www.nymc.edu/faculty/directory/by-name/lucas-paul/
48	Asprinio, David	MD	david_asprinio@nymc.edu ; aspriniod@wcmc.com	WMC	Orthopedic surgery (Chairman)	http://www.ncbi.nlm.nih.gov/pubmed/?term=Asprinio_d	https://www.nymc.edu/faculty/directory/by-name/asprinio-david/
49	Grose, Andrew	MD	(914)789-2716	NYMC	Orthopedic trauma/joint reconstruction		https://www.nymc.edu/departments/academic-departments/school-of-medicine/orthopedic-surgery/nymc-faculty/
50	Luks, Howard and Sethi, Paul	MD	Howard_Luks@nymc.edu	WMC, ONS	Orthopedics	Tear out analysis of varying suture material in rotator cuff repair	https://www.nymc.edu/faculty/faculty-spotlight/howard-luks/
51	Zalvan, Craig H.	MD	craig_zalvan@nymc.edu	WMC/Phelps Memorial Hospital	Otolaryngology	1. Life expectancy and treatment planning after lung malignancy-related UVFP; 2. Repeat injection laryngoplasty--one surgeon's experience over five years	https://www.nymc.edu/faculty/directory/by-name/zalvan-craig/
52	Amar, Salomon (Vice President for Research at NYMC)	DDS, PhD	salomon_amar@nymc.edu	NYMC	Pathology	We are currently analyzing the effect of aggressive gum disease treatment on heart problems in people with gum disease and heart disease as part of the study Systemic Endothelial Consequences of Periodontal Disease	https://www.nymc.edu/faculty/directory/by-name/amar-salomon/ ; https://www.nymc.edu/about-nymc/nymc-leadership/vice-president/salomon-amar/
53	Razzano, Dana	MD	dana.razzano@wmchealth.org	WMC	Pathology	Measuring the efficacy of pathology career recruitment strategies in U.S. medical students	https://www.westchestermedicalcenter.com/pathology
54	Mathew, Rajamma	MD	rajamma_mathew@nymc.edu	WMC	Pediatric cardiology	Pulmonary endothelial cell membrane integrins in fetus/infants with alterations in pulmonary vasculature	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/mathew-rajamma/
55	Miliareisis, Christa	MD	christa.miliareisis@bchphysicians.org	WMC	Pediatric cardiology	Improving utilization of the pre-participation evaluation	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/
56	Gewitz, Michael	MD	michael_gewitz@nymc.edu	WMC	Pediatric cardiology (Chief)	Research opportunities are available in cardiovascular physiology and in pulmonary circulatory physiology and pulmonary hypertension.	https://www.nymc.edu/faculty/directory/by-name/gewitz-michael/
57	Giamelli, Joseph	MD	joseph_giamelli@nymc.edu	NYMC	Pediatric cardiology (Summer Program Coordinator)	Quality Metrics of Echocardiography in Pediatric Patients with Chest Pain	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/

	A	B	C	D	E	F	G
3	MENTOR	DEGREE (Mentor)	E-MAIL (Mentor)	LOCATION	DEPARTMENT	EXAMPLES OF PREVIOUS/ONGOING PROJECTS	LINK TO WEBPAGE
58	Noto, Richard	MD	richard_noto@nymc.edu	WMC/Phelps/Good Samaritan	Pediatric endocrinology	Ongoing clinical research projects are available in a variety of areas including growth hormone deficiency, AIDS, insulin-dependent diabetes mellitus, lead toxicity, and congenital hypothyroidism.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/
59	Shaban, Mohamed	MD	mohamed_shaban@wmchealth.org	WMC	Pediatric gastroenterology	Pediatric small bowel arteriovenous malformation case report	
60	Xia, Wenlang	MD	Tel: (973) 754-2528	St. Joseph's Hospital	Pediatric neurology	Regional brain analysis in Chiari malformation type II: an MRI-based morphometric analysis	https://www.stjosephshealth.org/doctors/wenlang-xia
61	Cairo, Mitchell	MD/PhD	mitchell_cairo@nymc.edu	WMC	Pediatric oncology, hematology, and stem cell transplantation	Genetics and targeted therapy in childhood, adolescence, and adult hematological malignancies; novel immunotherapeutic approach to pediatric cancer; stem cell biology and regenerative therapy.	https://www.nymc.edu/faculty/directory/by-name/cairo-mitchell/
62	Cristofaro, Robert and Lucas, Paul	MD; PhD	robert_cristofaro@nymc.edu ; paul_lucas@nymc.edu	NYMC and Purchase Professional Park	Pediatric orthopedics	Long term outcomes of pediatric supracondylar fractures	https://www.nymc.edu/departments/academic-departments/school-of-medicine/orthopedic-surgery/research/
63	Dozor, Allen	MD	ALLEN_DOZER@nymc.edu	WMC	Pediatric pulmonology	This division has a large research program based primarily on improved therapies for asthma and cystic fibrosis. Students enjoy joining the large faculty while caring for both inpatients at the MFCH and outpatients in the faculty practice suite. Students are exposed to all three areas within the division: pulmonology, allergy and pediatric sleep medicine.	https://www.nymc.edu/faculty/faculty-spotlight/allen-dozor/index.php
64	Krishnan, Sankaran	MD/PhD	sankaran_krishnan@nymc.edu	WMC/19 Skyline Drive	Pediatric pulmonology	1. Antibiotic treatment for cough in children; 2. Impulse oscillometry in children with asthma and cystic fibrosis	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/
65	Brumberg, Heather	MD	Heather.Brumberg@wmchealth.org	WMC	Pediatrics	Electronic cigarette use and birth outcomes	https://www.nymc.edu/departments/academic-departments/school-of-medicine/pediatrics/divisions/newborn-medicine/physicians/
66	Rosenblum, Jeremy	MD	jeremy_rosenblum@nymc.edu	NYMC/Maria Ferarri Children's Hosp.	Pediatrics	Microbiological correlates of chest CT findings in pediatric oncology patients	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pediatrics/
67	Sandoval, Claudio	MD	claudio_sandoval@nymc.edu	Skyline	Pediatrics	1. Acute chest syndrome in sickle cell disease; 2. Characterization of pediatric hematologic conditions post-splenectomy	http://bchphysicians.org/directory/claudio-sandoval/
68	Ballabh, Praveen	MD	praveen_ballabh@nymc.edu	WMC	Pediatrics/Neonatology	Determination of the pathogenesis of germinal matrix hemorrhage and to use a mechanism-based strategy to prevent this major complication of prematurity that	https://www.nymc.edu/faculty/directory/by-name/ballabh-praveen/
69	Parton, Lance	MD	lance_parton@nymc.edu	WMC/Maria Ferarri Children's Hosp.	Pediatrics/Neonatology	1. Endothelin A receptor genetic variant protects from PDA; 2. SNP analysis of PPAR-gamma and its role in brochopulmonary dysplasia; 3. Neonatal bronchopulmonary dysplasia; 4. Significance of genetic variants in PTPA/PP2A in development of BPD in ELBW infants	https://www.nymc.edu/faculty/directory/by-name/parton-lance/
70	LaGamma, Edmund	MD	edmund_lagamma@nymc.edu	WMC	Pediatrics/Neonatology (Chief)	A variety of ongoing projects involving basic science, clinical and translational research are offered, based on the student's interest. Projects include: dietary effects on neuronal gene regulation, role of thyroid hormone in brain development, molecular mechanisms of failure of glucose counter-regulation in diabetes; developmental biology of neonatal brain injury and intraventricular hemorrhage; neonatal infection from central line catheters; use of GCSF and IgG as supplemental therapy for sepsis.	https://www.nymc.edu/faculty/directory/by-name/la-gamma-edmund-f/
71	Brumberg, Heather	MD	Heather.Brumberg@wmchealth.org	WMC	Pediatrics/Neonatology/perinatal medicine		https://bchphysicians.org/directory/heather-brumberg/
72	Abraham, Nader	PhD	nader_abraham@nymc.edu	NYMC	Pharmacology	Use of CD34 stem cells for treatment of myocardial infarction	https://www.nymc.edu/faculty/directory/by-name/abraham-nader/
73	Amar, Salomon	DDS, PhD	salomon_amar@nymc.edu	Sunshine Cottage Administration Building #113A	Pharmacology and Microbiology/Immunology	My research team has a long-standing interest in periodontal tissue homeostasis and mechanisms of inflammatory bone loss. Both basic immunological and translational research (including clinical trials) have been used to dissect molecular immune mechanisms and test them in animal models and ultimately in clinical trials. Our work has led to seminal observations in periodontal systemic diseases especially cardiovascular diseases or obesity leading to innovative approaches in public health aspects of these diseases.	https://www.nymc.edu/faculty/directory/by-name/amar-salomon/
74	Inchiosa, Mario	PhD	mario_inchiosa@nymc.edu	NYMC	Pharmacology	1. Use of artificial neural networks to analyze abusive behavior among deaths from opioid use; 2. Prediction of outcome from traumatic brain injury	https://www.nymc.edu/faculty/directory/by-name/inchiosa-mario/
75	Islam, Mohammad	MD	M_Islam@nymc.edu	Metropolitan Hospital	Physical medicine and rehabilitation	1. The role of PM&R in neurodegenerative disorders; 2. Systemic review of the prevention of hemiplegic shoulder pain	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/rehabilitation-medicine/index.php
76	Nelson, Mario	MD	Mario_Nelson@nymc.edu	NYMC	Physical medicine and rehabilitation	Is joint hypermobility more pathogenic in adults than children?	https://www.nymc.edu/news-and-events/nymc-in-the-news/wcfr-sixth-anniversary-fundraising-gala-honoree-mario-nelson-md.php

	A	B	C	D	E	F	G
3	MENTOR	DEGREE (Mentor)	E-MAIL (Mentor)	LOCATION	DEPARTMENT	EXAMPLES OF PREVIOUS/ONGOING PROJECTS	LINK TO WEBPAGE
77	Bartell, Abraham	MD	Abraham.Bartell@wmchealth.org	WMC	Psychiatry	Distinguishing acute mental status changes in adolescents with AE or K2 exposure	
78	Dornbush, Rhea	PhD	rhea_dornbush@nymc.edu	WMC	Psychiatry	1. Psychogenic non-epileptic seizures as a progression of panic disorder; 2. Frontotemporal dementia with underlying psychiatric illness; 3. What can cause idiopathic induced psychosis/mania?	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/psychiatry-and-behavioral-sciences/
79	Klepacz, Lidia	MD	Lidia_Klepacz@nymc.edu	WMC	Psychiatry	Psychotropic agents and psychiatric emergency admissions	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/psychiatry-and-behavioral-sciences/
80	Lerman, Alexander	MD	alexander.lerman@wmchealth.org	WMC	Psychiatry	Characterizing skills, traits, and habits in psychiatry residents during challenging patient encounters	https://www.westchestermedicalcenter.com/psychiatry-residency-program
81	Gelblum, Daphna	MD	gelblumd@mskcc.org	Memorial Sloan Kettering Cancer Center	Radiation oncology	Treatment outcomes of patients with concurrent lung and head and neck malignancies	https://www.mskcc.org/cancer-care/doctors/daphna-gelblum
82	Berlin, Fred	MD	berlinmd@gmail.com	St. Joseph's Hospital	Radiology	Important radiological features for recognition of Krukenberg tumor on CT and MRI	
83	David, Miriam	MD	miriam.david@wmchealth.org	WMC	Radiology	Radiology's engagement with transgender breast imaging	
84	Gilet, Anthony	MD	gileta@wcmc.com	WMC	Radiology	1. Delayed phase CT of the abdomen and pelvis in trauma protocols: utility for diagnosis; 2. SIR curriculum for medical schools	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/radiology/
85	Gulko, Edwin	MD	edwin.gulko@wmchealth.org	WMC	Radiology	Anatomical variants in neuroradiology	
86	LeCompte, Lesli	MD	Lesli.LeCompte@wmchealth.org	WMC	Radiology	Comparing CT findings with clinical presentations in pediatric traumas in order to limit scanning	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/radiology/
87	Li, Tianyang	MD		WMC	Radiology	Pulp fiction and facts	https://www.nymc.edu/departments/academic-departments/school-of-medicine/radiology/meet-the-department/current-residents/
88	McCabe, Samuel	MD	Sam.McCabe@wmchealth.org	WMC	Radiology	Retain and embed totally implanted central venous access portal catheter in prognosis of pediatric cancer patients	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/radiology/
89	Rachlin, Susan	MD	susan_rachlin@nymc.edu	WMC/MFCH	Radiology	Evaluating the prevalence of certain disease processes as they present to the Maria Ferreri Children's Hospital	https://www.nymc.edu/faculty/directory/by-name/rachlin-susan/
90	Rozenshtein, Anna	MD	anna.rozenshtein@wmchealth.edu	WMC	Radiology	CT-derived parameters to assess left ventricular function and hypertrophy	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/radiology/
91	Sadowsky, David	MD	david.sadowsky@wmchealth.org	WMC	Radiology	Review of emergent imaging threshold measurements	https://www.nymc.edu/departments/academic-departments/school-of-medicine/radiology/meet-the-department/current-residents/
92	Shilagani, Chaitanya	MD	chaitanya.shilagani@wmchealth.org	WMC	Radiology	Pepper syndrome: a case study	https://www.nymc.edu/departments/academic-departments/school-of-medicine/radiology/meet-the-department/current-residents/
93	Tenner, Michael	MD	michael.tenner@wmchealth.org	WMC	Radiology	MRI evaluation of normal pituitary volume	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/radiology/tenner-michael/
94	Wu, Jennifer	MD	jennifer.wu@wmchealth.edu	WMC	Radiology	1. Bridging the chiasm: pediatric diseases presenting later in life; 2. The gamut of gallbladders: cholecystic variants and their clinical sequelae	
95	Maddineni, Shekher	MD	shekher.maddineni@wmchealth.org	WMC	Radiology--interventional	Sarcopenia and its role in predicting post-tips hepatic encephalopathy: a single institution	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/radiology/
96	Bergamaschi, Roberto	MD, PhD	Roberto.Bergamaschi@wmchealth.org	WMC	Surgery	Colorectal surgery patients receiving opioid-free analgesia: a retrospective study	https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/faculty/
97	Samson, David	MS	david.samson@wmchealth.org	WMC	Surgery	Predictors of morbidity and mortality in elderly trauma patients	
98	Spanknebel, Kathryn	MD	Kathryn_Spanknebel@nymc.edu	WMC	Surgery		https://www.nymc.edu/faculty/directory/by-name/spanknebel-kathryn/
99	Srinivasan, Anitha	MD	anitha.srinivasan@nychhc.org	Metropolitan Hospital	Surgery	1. Prevalence of BRCA1/2 mutations in Hispanic patients; 2. Comparison of the effect of neoadjuvant chemotherapy on lymph node recovery from ALND in patients with breast cancer	https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/faculty/
100	Stringel, Gustavo	MD	gstringel@aol.com	WMC/MFCH	Surgery/Pediatric (Chief)	The role of computerized tomography in management of pediatric spontaneous pneumothorax	https://bchphysicians.org/directory/gustavo-stringel/
101	Tilley, Elizabeth	PhD	elizabeth_tilley@nymc.edu	WMC	Surgery	RESEARCH COORDINATOR: CONTACT FOR ADDITIONAL OPPORTUNITIES IN SURGERY	https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/faculty/

	A	B	C	D	E	F	G
3	MENTOR	DEGREE (Mentor)	E-MAIL (Mentor)	LOCATION	DEPARTMENT	EXAMPLES OF PREVIOUS/ONGOING PROJECTS	LINK TO WEBPAGE
102	Zuberi, Jamshed	MD	zuberijj@sihmc.org	St. Joseph's Hospital	Surgery	1. End outcomes of resuscitation in patients with traumatic cardiopulmonary arrest; 2. Soluble fiber supplementation in the enterally fed patient with diarrhea	https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/faculty/
103	Goldberg, Joshua	MD	joshua.goldberg@wmchealth.org	WMC	Surgery/Cardiothoracic	Analysis of patients with massive or submassive pulmonary embolism	https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/contact/
104	Lansman, Steven	MD, PhD	Steven.Lansman@wmchealth.org	WMC	Surgery/Cardiothoracic (Chief)		https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/contact/
105	Latifi, Rifat	MD	rifat.latifi@wmchealth.org	WMC	Surgery/General (Chief)	The effect of alcohol intoxication on CT scan requests, yields, outcomes	https://www.nymc.edu/faculty/directory/by-name/latifi-rifat/
106	Zellner, Elizabeth	MD	elizabeth.zellner@wmchealth.org	WMC	Surgery/Plastic surgery	1. Analysis of necrotizing soft tissue infection outcomes and mortality in pediatric population; 2. The effect of alcohol intoxication on CT scan requests, yields, outcomes	https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/faculty/
107	Choudhury, Muhammad	MD	muhammad_choudhury@nymc.edu	WMC	Urology	1. Urology medical decision unit outcomes; 2. Testicular torsion outcomes and WMC readmissions	https://www.nymc.edu/departments/academic-departments/school-of-medicine/urology/about-the-chairman/
108	Parikh, Suraj	MD	suraj_parikh@nymc.edu	WMC	Urology		https://www.nymc.edu/departments/academic-departments/school-of-medicine/surgery/faculty/
109							
110							
111							
112	http://www.nymc.edu/departments/academic-departments/school-of-health-sciences-and-practice/public-health/research-in-public-health/						
113							

	A	B	C	D	E	F	G
1	SOM Student Research Opportunities						updated 4.5.2019
2	BASIC/TRANSLATIONAL RESEARCH						
3	MENTOR	DEGREE (Mentor)	E-MAIL (Mentor)	LOCATION	DEPARTMENT	EXAMPLES OF PREVIOUS/ONGOING PROJECTS	LINK TO WEBPAGE
4	Cooper, Arthur	PhD	arthur_cooper@nymc.edu	BSB-A03	Biochemistry/Molecular Biology	Mechanisms whereby transglutaminases may contribute to neurodegenerative diseases	https://www.nymc.edu/faculty/directory/by-name/cooper-arthur/
5	Lee, Marietta	PhD	marietta_lee@nymc.edu	BSB-120	Biochemistry/Molecular Biology	The enzymology and functions of DNA polymerase δ	https://www.nymc.edu/faculty/directory/by-name/lee-marietta/
6	Olson, Susan C.	PhD	susan_olson@nymc.edu	BSB-116A	Biochemistry/Molecular Biology	Resveratrol and its metabolites modulate cytokine-mediated induction of eotaxin-1 in human pulmonary artery epithelial cells; 2. Smurf1 ubiquitin ligase causes downregulation of BMP receptors and is induced in monocrotaline and hypoxia models of pulmonary arterial hypertension.	https://www.nymc.edu/faculty/directory/by-name/olson-susan/
7	Pinto, John Thomas	PhD	john_pinto@nymc.edu	BSB-A03	Biochemistry/Molecular Biology	Mechanisms by which diet-derived factors prevent primary and secondary prostate cancer development, with a particular focus on epigenetic pathways influenced by specific phytonutrients.	https://www.nymc.edu/faculty/directory/by-name/pinto-john/
8	Sabban, Esther L.	PhD	esther_sabban@nymc.edu	BSB-137	Biochemistry/Molecular Biology	The molecular basis of the neurochemical responses to stress: transcriptional mechanisms of changes in gene expression in the various neuronal locations in the brain and periphery involved in synthesizing catecholamine neurotransmitters.	https://www.nymc.edu/faculty/directory/by-name/sabban-esther/
9	Wu, Joseph M.	PhD	joseph_wu@nymc.edu	BSB-133/102	Biochemistry/Molecular Biology	Quinone reductase 2 (QR2) as a novel target of chemoprevention and cardioprotection by resveratrol, with focus on hormone-dependent and hormone-refractory prostate cancer (CaP) cells.	https://www.nymc.edu/faculty/directory/by-name/wu-joseph/
10	Zhang, Zhongtao	PhD	zhongtao_zhang@nymc.edu	BSB-107	Biochemistry/Molecular Biology	A new paradigm for neurodegeneration that examines the roles of many proteins including Parkin, DJ-1, Pink1, LRRK2, Synuclein, UCHL1 and other proteins involved in the detoxification process, such as QR2, NNMT, QR1, and ABAD.	https://www.nymc.edu/faculty/directory/by-name/zhang-zhongtao/
11	Ballabh, Praveen	MD	praveen_ballabh@nymc.edu	BSB-205	Cell Biology/Anatomy	Determination of the pathogenesis of germinal matrix hemorrhage and to use a mechanism-based strategy to prevent this major complication of prematurity that predisposes infants to developmental delay, cerebral palsy, and hydrocephalus.	https://www.nymc.edu/faculty/directory/by-name/ballabh-praveen/
12	Etlinger, Joseph D.	PhD	joseph_etlinger@nymc.edu	BSB-237	Cell Biology/Anatomy	The proteasome is a large multicatalytic, proteolytic complex involved in diverse processes including the cell cycle, gene expression, inflammation, antigen processing and cell growth. The Etlinger lab studies regulatory proteins that associate with proteasomes and how modification of these components may influence protein turnover and other metabolic function in muscle and erythroid cells. These studies use animal and tissue culture models of muscle atrophy, muscular dystrophy and spinal cord injury.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/cell-biology-and-anatomy/etlinger-joseph/
13	Fried, Victor A.	PhD	victor_fried@nymc.edu	BSB-236	Cell Biology/Anatomy	Intraventricular hemorrhage induces deposition of proteoglycans in premature rabbits, but their in vivo degradation with chondroitinase does not restore myelination, ventricle size and neurological recovery.	https://www.nymc.edu/faculty/directory/by-name/fried-victor/
14	Kang, Jian	MD, PhD	jian_kang@nymc.edu	BSB-220	Cell Biology/Anatomy	1. Interplay between glial cells and neurons; 2. Kainate receptor-mediated modulation of GABAergic synapses; 3. Activity-dependent potentiation of intrinsic neuronal excitability.	https://www.nymc.edu/faculty/directory/by-name/kang-jian/
15	Lerea, Ken	PhD	ken_lerea@nymc.edu	BSB-227A	Cell Biology/Anatomy	Platelets are relevant mediators of renal injury induced by primary endothelial cell lesions.	https://www.nymc.edu/faculty/directory/by-name/lerea-kenneth/
16	Newman, Stuart A.	PhD	newman@nymc.edu	BSB-244	Cell Biology/Anatomy	1. Mechanisms of skeletal pattern formation in the vertebrate limb; 2. Neodifferentiation of brown adipocytes	https://www.nymc.edu/stuart-a-newman/
17	Sehgal, Pravin B.	MD, PhD	pravin_sehgal@nymc.edu	BSB-201	Cell Biology/Anatomy	1. Membrane-associated trafficking of STAT3; 2. Pulmonary arterial hypertension: a disease of tethers, SNAREs and SNAPs?	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/cell-biology-and-anatomy/sehgal-pravin/
18	Springer, Alan	PhD	alan_springer@nymc.edu	BSB-231	Cell Biology/Anatomy	Virtual engineering simulations of the mechanisms underlying retinal and foveal development; causes of retinal detachments in premature infants; causes of strabismus.	https://www.nymc.edu/faculty/directory/by-name/springer-alan/
19	Stanton, Patric K	PhD	patric_stanton@nymc.edu	BSB-217	Cell Biology/Anatomy	Cellular mechanisms of synaptic plasticity that underlie learning and memory, and how these mechanisms contribute to neuropathologies such as epilepsy and stroke-induced neuronal death.	https://www.nymc.edu/faculty/directory/by-name/stanton-patric/
20	Velisek, Libor	MD, PhD	libor_velisek@nymc.edu	BSB-A20/A04	Cell Biology/Anatomy	Animal model of infantile spasms, a devastating epilepsy syndrome of childhood associated with cognitive decline.	https://www.nymc.edu/faculty/directory/by-name/velisek-libor/

	A	B	C	D	E	F	G
21	Veliskova, Jana	MD, PhD	Jana_veliskova@nymc.edu	BSB-A21/A04	Cell Biology/Anatomy	Mechanisms by which sex hormones influence neuronal excitability during pathological processes including seizures and seizure-induced damage.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/cell-biology-and-anatomy/veliskova-jana/
22	Zeman, Richard	PhD	richard_zeman@nymc.edu	BSB-242B	Cell Biology/Anatomy	Promoting recovery of locomotor function following spinal cord injury.	https://www.nymc.edu/faculty/directory/by-name/zeman-richard/
23	Arnaboldi, Paul	PhD	paul_arnaboldi@nymc.edu		Microbiology/Immunology	Mucosal vaccination induces optimal protection at both mucosal surfaces and systemically, while parenteral (injectable) vaccines induce primarily systemic immune responses with poor mucosal protection. We are currently developing an intranasal vaccine against <i>Yersinia pestis</i> , the causative agent of Plague. A second focus of the laboratory is the development of diagnostic tests for tick-transmitted diseases: Lyme disease, anaplasmosis, and babesiosis.	https://www.nymc.edu/faculty/directory/by-name/arnaboldi-paul/
24	Bakshi, Chandra Shekhar	DVM, PhD	shekhar_bakshi@nymc.edu	BSB-340	Microbiology/Immunology	Current research focuses on a bacterial pathogen, Francisella tularensis, the causative agent of tularemia, and one of the deadliest agents of biological warfare. Investigations seek to understand how the bacterium creates an environment permissive for their intracellular survival, growth, and virulence by modulating the host's innate immune responses.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/microbiology-and-immunology/shekhar-bakshi-chandra/
25	Bessen, Debra	PhD	debra_bessen@nymc.edu	BSB-315-318	Microbiology/Immunology	Research is primarily focused on group A beta-hemolytic streptococci (<i>Streptococcus pyogenes</i>) and the molecular basis of tissue specificity (throat versus skin) by different strains.	https://www.nymc.edu/faculty/directory/by-name/bessen-debra/
26	Bucher, Doris	PhD	doris_bucher@nymc.edu	BSB-303-305	Microbiology/Immunology	INFLUENZA VACCINE: it all starts in this lab!	https://www.nymc.edu/faculty/directory/by-name/bucher-doris/
27	Geliebter, Jan	PhD	jan_geliebter@nymc.edu	BSB-311	Microbiology/Immunology	Biomarkers for papillary thyroid cancer; role of food carcinogens and environmental factors in the development of prostate cancer	https://www.nymc.edu/faculty/directory/by-name/geliebter-jan/
28	Hamby, Carl	PhD	carl_hamby@nymc.edu	BSB-314	Microbiology/Immunology	EGT and VEGF receptor-mediated therapy of glioma and other brain tumors; bacterial RNA as a modulator of host immune responses	https://www.nymc.edu/faculty/directory/by-name/hamby-carl/
29	Mordue, Dana	PhD	dana_mordue@nymc.edu	BSB-346	Microbiology/Immunology	Cell biology and immunopathogenesis of obligate intracellular pathogens: <i>Toxoplasma gondii</i> and <i>Babesia</i> species.	https://www.nymc.edu/faculty/directory/by-name/mordue-dana/
30	Tiwari, Raj	PhD	raj_tiwari@nymc.edu	BSB-331	Microbiology/Immunology	The objective of the laboratory is to design and test cancer vaccines with experimental models in prostate, breast and thyroid cancer. Vaccines being developed are synthetic peptides based on their ability to mimic cancer antigens. Molecular mechanisms of chemoprevention and therapeutic agents with a view to use cellular pathways to improve cancer therapy and prevent progression of disease are being actively examined.	https://www.nymc.edu/faculty/directory/by-name/tiwari-rai/
31	Fallon, John T	MD, PhD	john_fallon@nymc.edu	BSB-411	Pathology	Pathophysiology of ischemic heart disease, experimental vascular injury, immunopathology of human myocarditis, and allograft and pathology informatics.	https://www.nymc.edu/faculty/directory/by-name/fallon-john/
32	Haque, Nasreen	PhD	nasreen_haque@nymc.edu	BSB-451	Pathology	Spatiotemporal regulation of chemokine polarity in atherosclerosis; cell-cell interactions in vascular injury, repair, and remodeling; role of endothelin-1 system in chemokine-mediated chemotaxis and invasion.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pathology/haque-nasreen/
33	Huang, Weihua	PhD	weihua_huang@nymc.edu		Pathology	Bioinformatics; DNA and RNA sequencing	https://www.nymc.edu/research/core-facilities-shared-resources/genomics-lab/
34	Kobets, Tetyana	MD, MSPH	tetyana_kobets@nymc.edu	BSB-425	Pathology	Environmental toxicity, molecular biology of cancer, molecular toxicology, chemical carcinogenesis, epigenetics, genomics, genotoxic and non-genotoxic chemicals, cancer risk and safety assessment.	https://www.nymc.edu/faculty/directory/by-name/kobets-tetyana/
35	Williams, Gary	MD	gary_williams@nymc.edu	BSB-438	Pathology	We are investigating the molecular and cellular events in the process of chemical carcinogenesis in rat liver. Our particular focus is on the nature of genetic changes critical to the process. Related to this, we are also studying the interventions to inhibit the process of chemical carcinogenesis.	https://www.nymc.edu/faculty/directory/by-name/williams-gary/
36	Xu, Dazhong	PhD	dazhong_xu@nymc.edu	BSB-555	Pathology	Cell signaling and environmental/molecular carcinogenesis.	https://www.nymc.edu/faculty/directory/by-name/xu-dazhong/
37	Abraham, Nader	PhD, DrHC, FAHA	nader_abraham@nymc.edu	BSB-509	Pharmacology	Current research focuses on understanding the cellular and molecular mechanisms of HO-1 cytoprotective actions and developing therapeutic strategies for treatment of cardiovascular and metabolic diseases.	https://www.nymc.edu/faculty/faculty-spotlight/nader-abraham/ ; https://www.nymc.edu/faculty/directory/by-name/abraham-nader/
38	Amar, Salomon	DDS, PhD	salomon_amar@nymc.edu	Sunshine Cottage Administration Building #113A	Pharmacology and Microbiology/Immunology	My research team has a long-standing interest in periodontal tissue homeostasis and mechanisms of inflammatory bone loss. Both basic immunological and translational research (including clinical trials) have been used to dissect molecular immune mechanisms and test them in animal models and ultimately in clinical trials. Our work has led to seminal observations in periodontal systemic diseases especially cardiovascular diseases or obesity leading to innovative approaches in public health aspects of these diseases.	https://www.nymc.edu/faculty/directory/by-name/amar-salomon/

	A	B	C	D	E	F	G
39	Bellner, Lars	PhD	lars_bellner@nymc.edu	BSB-531	Pharmacology	Ocular surface inflammation and neovascularization; heme oxygenase 1 (HO-1) in obesity, metabolic syndrome and diabetes type II.	https://www.nymc.edu/faculty/directory/by-name/bellner-lars/
40	Ferreri, Nicholas	PhD	nick_ferreri@nymc.edu	BSB-505	Pharmacology	The regulation of blood pressure, sodium excretion, and renal inflammation is evaluated in viv using TNF and TNF-receptor-deficient mice. These studies are coupled with in vitro cellular and molecular models utilizing freshly isolated mTAL tubules or primary cultures of mTAL cells that allow for a direct assessment of TNF components on the activity and expression of ion transport pathways, eicosanoid synthesis, and regulation of the NFAT family which regulates TNF production in these cells.	https://www.nymc.edu/faculty/directory/by-name/ferreri-nicholas/
41	Garcia, Victor	PhD	victor_garcia@nymc.edu		Pharmacology	Our research explores the role of the vasoactive cytochrome P450-derived eicosanoid , 20-HETE, across the vasculature with a focus on endothelial and vascular smooth muscle signaling.	https://www.nymc.edu/faculty/directory/by-name/garcia-victor/
42	Guo, Austin Meng	PhD	austin_guo@nymc.edu	BSB-546A/B	Pharmacology	Our research interests are focused on the role of cytochrome P450-derived eicosanoids, specifically 20-HETE, in the regulation of angiogenesis and cancer growth.	https://www.nymc.edu/faculty/directory/by-name/guo-austin/
43	Gupte, Sachin	MD, PhD	sachin_gupte@nymc.edu		Pharmacology	The long-term goals of our translational research program are: 1) study the pathogenesis; and 2) develop new therapies for three human diseases--pulmonary arterial hypertension (PAH), PAH-induced heart failure, and metabolic syndrome-associated coronary artery disease (MS-CAD).	https://www.nymc.edu/faculty/directory/by-name/gupte-sachin/
44	Inchiosa, Mario	PhD	mario_inchiosa@nymc.edu		Pharmacology	A major part of my research is conducted in collaboration with the Department of Anesthesiology at WMC. We have been investigating a neuropathid pain syndrome known as reflex sympathetic dystrophy. A second area of research involves the use of "artificial neural networks" (ANN) in the prediction of outcomes from surgical or drug treatments.	https://www.nymc.edu/faculty/directory/by-name/inchiosa-mario/
45	Nasjletti, Alberto	MD	alberto_nasjletti@nymc.edu	BSB-507	Pharmacology	Hormonal regulation of blood pressure	https://www.nymc.edu/faculty/directory/by-name/nasjletti-alberto/
46	Powers, Andrew	PhD	andrew_powers@nymc.edu	BSB-C27	Pharmacology	Investigation of the potential role of glandular kallikrein (GK) in prohormone processing; role of hormonal interplay with thyroid hormone in the physiological mechanisms involved in the effects of estrogens and antiestrogens on energy balance, bone and lipid metabolism, growth, and cardiovascular function in rat models relevant to human physiology and pathophysiology.	https://www.nymc.edu/faculty/directory/by-name/powers-c-andrew/
47	Rocic, Petra	PhD	petra_rocic@nymc.edu	BSB-501	Pharmacology	Our research is focused on two major areas: 1) the regulation of coronary collateral growth, and 2) the mechanisms by which metabolic syndrome affects systemic macro- and microvascular function	https://www.nymc.edu/faculty/directory/by-name/rocic-petra/
48	Schwartzman, Michal	PhD	michal_schwartzman@nymc.edu	BSB-514	Pharmacology	Our research consists of two projects focused on the role of lipid autocooids, more specifically cytochrome P450-derived eicosanoids, in the regulation of inflammation and vascular function in the areas of the cardiovascular system and vision.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pharmacology/schwartzman-michal/
49	Stier, Charles	PhD	charles_stier@nymc.edu	BSB-547/508	Pharmacology	Investigation of mechanisms by which high salt intake can sensitive to end-organ damage (stroke, myocardial infarction and renal dysfunction) using a stroke-prone spontaneously hypertensive rat model.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/pharmacology/stier-charles/
50	Wang, Wen-Hui	MD	wenhui_wang@nymc.edu	BSB-527A	Pharmacology	My laboratory is focused on studying the regulation of Na ⁺ and K ⁺ transport in aldosterone-sensitive distal tubules of the kidney. Two research projects are: 1) regulation and modulation of renal K ⁺ channels in the kidney; and 2) Regulation of epithelial Na ⁺ channels by eposyeicosatrienoic acids	
51	Eisenberg, Carol	PhD	carol_eisenberg@nymc.edu	NYMC Vosburg Pavilion	Physiology	We study the potential of adult tissue-derived stem cells to form myocardial tissue, with the long-term goal of developing procedures that would allow adult stem cells to be used as a source of fully differentiated cells for transplantation.	https://www.nymc.edu/faculty/directory/by-name/eisenberg-carol/
52	Eisenberg, Leonard	PhD	leonard_eisenberg@nymc.edu	NYMC Vosburg Pavilion	Physiology	We investigate the molecular mechanisms that control the phenotypic direction of differentiating stem cells, with a particular focus on the WNT family of secreted signaling proteins.	https://www.nymc.edu/faculty/directory/by-name/eisenberg-leonard/
53	Fisher, Jonathan	PhD	jonathan_fisher@nymc.edu	BSB-619	Physiology	Portable neuroal diagnostics and therapy; auditory processing; neuroimaging data visualization	https://www.nymc.edu/faculty/directory/by-name/fisher-jonathan/
54	Huang, An	MD, PhD	an_huang@nymc.edu	BSB-631	Physiology	Gender specific regulation of endothelial function of arterioles via nitric oxide (NO)-dependent and independent mechanisms as a function of shear stress, particularly the signaling cascades responsible for the estrogen-specific regulation of shear stress by a cytochrome P450-dependent mechanism. Experiments are conducted on microvessels isolated from skeletal muscle, mesentery and coronary vascular beds of rats and mice.	https://www.nymc.edu/faculty/directory/by-school/school-of-medicinesomgraduate-school-bmsgsbms/physiology/huang-an/

	A	B	C	D	E	F	G
55	Wolin, Michael	PhD	mike_wolin@nymc.edu	BSB-604	Physiology	Dr. Wolin is exploring how oxidants and nitric oxide interact with vascular signaling systems to control mechanisms in coronary and pulmonary arteries. Recent studies have underscored the fundamental role of oxidant-signaling mechanisms in cardiovascular disease.	https://www.nymc.edu/faculty/directory/by-name/wolin-michael/
56							