

REGINALD WAYNE MILLER, DVM, DACLAM
reginald.miller@mssm.edu

APPOINTMENTS/EMPLOYMENT

1988 – 1991	Attending Veterinarian Eastman Dental Center, Rochester, NY
1988 – 1991	Attending Veterinarian St. Mary's Hospital, Rochester, NY
1991 – 1995	Chief, Section of Veterinary Medicine, Institute of Comparative Medicine, Columbia (ICM) University, NY, NY
1992 – Present	Consulting Veterinarian, Fordham University, Bronx, NY
1992 – 1997	Consulting Veterinarian, New York City Dept of Health, NY, NY
1995 – 1998	Consulting Veterinarian, Regeneron Pharmaceuticals, N. Tarrytown, NY
1996 – 1998	Consulting Veterinarian, Purdue Pharmaceuticals, Dobbs Ferry, NY
1995 – 2000	Assistant Director, Institute of Comparative Medicine, Columbia University, NY, NY
2000 – 2017	Director and Attending Veterinarian, Center for Comparative Medicine and Surgery (CCMS), Mount Sinai School of Medicine, NY, NY
2003 – 2014	Associate Dean for Research Resources, Mount Sinai School of Medicine, NY, NY
2008 – Present	Institutional Research Integrity Officer (RIO), Mount Sinai School of Medicine, NY, NY
2012 – Present	Co-Chair, Diversity in Biomedical Research Council (DBRC), Mount Sinai School of Medicine, NY, NY
2014 – 2017	Senior, Associate Dean for Research Resources, Icahn School of Medicine at Mount Sinai (ISMMS), NY, NY
2015 – Present	Senior Research Integrity Officer (RIO)
2017 – Present	Dean, Research Operations and Infrastructure, Icahn School of Medicine at Mount Sinai
2018 – Present	Export Controls Officer, Mount Sinai Health System / Institutional Official Animal Care and Use Program

GAPS IN EMPLOYMENT - None

EDUCATION

California State Polytechnic University, Pomona CA, 1976 – 1980
Major – PreVet / Zoology (Transferred, no degree)

Tuskegee Institute, Tuskegee AL, 1981-1982
Degree: Biology, B.S.

Tuskegee University, School of Veterinary Medicine, 1982 – 1986
Degree: Doctor of Veterinary Medicine (DVM)

University of Rochester, School of Medicine/Dentistry/Seneca Park Zoo, 1988 – 1991
Residency, Laboratory Animal and Zoological Medicine

CERTIFICATION

Diplomate, American College of Laboratory Animal Medicine, 1995
DACLAM, Board Certification

LICENSURE

Georgia State Veterinary Medical License, 1986 – 2003, Inactive.

New York State Veterinary Medical License, 2003 – Present, Lic. # 012189-01

HONORS/AWARDS

Innovators in Science & Medicine, 2018

Jacobi Medallion Award, ISMMS, 2019

Member of the Year, One Hundred Black Men (OHBM), Inc, NY, 2019

Brother of the Year, One Hundred Black Men (OHBM), Inc, NY 2025

PATENTS – None

OTHER PROFESSIONAL ROLES

At Mount Sinai:

Attending Veterinarian, Institutional Animal Care & Use Committee (IACUC), 2000-2018

Senior Research Integrity Officer, 2008 – Present

Co-Chair, Diversity in Biomedical Research Council (DBRC), 2012 - 2015

Director, Friends of Odysseus Mentoring Program, 2015 – Present

Member, Faculty Diversity Council, 2016 - Present

Co-Chair, (Interim) Select Agent Oversight Committee, 2018

Chair, Freezer Taskforce Committee, 2018 - 2019

Director, SWAG Initiative (Scholar-athletes With Academic Goals), 2019 - Present

Chair, (Interim) Laboratory Safety Committee, 2019 – 2020

Chair, Research Operations Committee, 2019- Present

Chair, Research Operations COVID-19 Committee/PPE Working Group, 2020

Member, Academic Promotions Committee – Medical Education, 2020 - Present

Member, Anti-Racism Task Force, 2020

Director, Historically Black Colleges and Universities (HBCU) Engagement Initiative, 2020 - Present

External Entities:

Grant Review Study Section

Ad hoc Reviewer – Scientific and Technical Review Board (STRB), NIH/National Center for Research Resources (NCRR) – 2001

Member, Scientific and Technical Review Board (STRB), NIH/National Center for Research Resources (NCRR), 2002- 2006

Board Member, National Association for Biomedical Research (NABR), 2006 – 2008

Member, Association of Research Integrity Officers (ARIO), 2016 – Present

Member, Group for Research Advancement and Development (GRAND), 2017 – Present

Steering Committee Member, GRAND/AAMC, 2017 – Present

Program Planning Committee – Annual Spring Meeting, AAMC/GRAND, 2017

Program Planning Committee – Annual Spring Meeting, AAMC / GRAND, 2018

Chair, External Review Committee, UC Davis, Mouse Biology Program, 2017

Member, American Biological Safety Association (ABSA), 2017 – Present

Member, Associated Medical Schools of New York (ASMNY), 2017 – Present

Co-Chair, New York Coalition for Biomedical Research (ASMNY), 2017 – 2019

Chair Elect, Group for Research Advancement and Development (GRAND) Committee / AAMC, (2020-2021)

Co-Chair, Biosciences Advisory Council, Associated Medical Schools of New York, 2021 – Present

Co-Chair, Health and Wellness Committee, One Hundred Black Men, NY Chapter, 2021- Present

RESEARCH PROFILE

Although I do not personally conduct research, nearly all of my work responsibilities are focused on improving Mount Sinai's research infrastructure, providing a safe environment for our scientists and trainees, maintaining regulatory compliance and ensuring the integrity of all research conducted in the School. I have done this through a series of progressively more responsible and broad roles, beginning with the directorship of the School's animal laboratory program and culminating in my current positions as Dean for Research Operations and Infrastructure and Research Integrity Officer. As Dean, I oversee the ISMMS Biosafety, Environmental Health and Safety, Laboratory Safety including the Select Agents and Toxins Program (Operations), Core Facilities and Shared Resources (including the Vivarium) as well as Basic Science Laboratory Infrastructure (Infrastructure). As Research Integrity Officer (RIO) for the Mount Sinai Health System, I am responsible for ensuring that a program on the Responsible Conduct of Research is in place; this includes conducting reviews of allegations of research misconduct, and helping students and faculty understand the regulatory and institutional expectations placed upon scientists in conducting research. Additional details are provided in the other narrative sections below.

CLINICAL PROFILE

My veterinary clinical experience spans a 35 year career in academic environments. I am Board Certified Diplomate, American College of Laboratory Animal Medicine, (DACLAM), the second oldest specialty in the veterinary profession. Diplomates are trained in areas such as management, teaching, research, medicine, pathology, surgery, biocontainment, and disease prevention. There are less than 1000 Diplomates in the U.S. As veterinary professionals we are an integral part of the biomedical research enterprise where animals and animal tissues are used. We participate at the interface of the ethical use of animals, humane care and training, and veterinary care essential to animal wellbeing. These areas, while important to academic institutions are equally important to the public, as concerns of animal use have become increasingly controversial. Veterinarians, then, serve as advocates for the animals under our care, while simultaneously advocating for the advancement of science. The species that I have extensive experience with includes: mice, rats, hamsters, guinea pigs, rabbits, sheep, nonhuman primates, and raptors (hawks, eagles, owls).

A component my research support responsibilities entailed training research personnel on the proper handling, care and use of animals. I created and taught the Orientation to Animal Use and Handling course at Columbia University and later at Mount Sinai. This 6 hr course (2 hr didactic / 4 hr wetlab) is required by all animal users to ensure that animals are used humanely and research staff understand their role in proper animal techniques including surgical procedures unique to animals. All aspects of the clinical care of the animals housed at Mount Sinai was my direct responsibility from 2000-2017, during which time the animal care and use program was re-built, expanded, and re-organized. Upon my arrival at Mount Sinai in October 2000, I was the sole veterinarian. The Icahn vivarium had been recently opened but only at 40% capacity due to poor management leading to a lack of trust between the veterinary staff and research community. On stepping down as Director, CCMS in 2017 to assume a new, more global research leadership role in the School, the program had expanded to include a staff of five (5) veterinarians and a new vivarium, Hess facility (2013), which I designed and oversaw the construction. At the time, the Hess vivarium was one of six facilities in North America to have robotic automation in the cage-wash and one of only three to be designated as a Center of Excellence. The animal care and use program expanded from an annual operating budget of \$1.5M to \$8M, at 100% recovery of Direct Costs. (Note: Most vivaria in the US operate at a 30-40% institutional subsidy.) The animal census in all buildings is at full capacity and the relationship with the research

community is considered excellent. I remain a consultant to the Center, and am always available to advise the Director and researchers.

OVERALL IMPACT

My impact at Mount Sinai is reflected in the increasingly broad positions and responsibilities to which I have been appointed. From directing, building and overseeing the animal facilities, to planning, implementing research policy and infrastructure improvements, I can safely say that I have positively affected the environment and experiences of our entire research community, from faculty to trainees to students to staff.

As one of the nation's longer serving Research Integrity Officers and contributing on a national level by directing and teaching in RIO Bootcamps, I have played an active role in promoting research integrity as well as mentoring the next generation of RIOs. My recent leadership roles and committee assignments within the Association of American Medical Colleges (AAMC) have tapped my expertise in research administration. As the only DVM on the GRAND Committee, I represent the AAMC as a Member Delegate to the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC, Int). Locally, my roles span a wide arena: veterinary expertise, research administration, facility design and construction, mentoring and grant writing. Although a common skill set in academia, I have developed a specific niche in the later, given my experience with NIH construction grants. I am the primary institutional grant writer for infrastructure construction grants.

While simultaneously serving as the Attending Veterinarian and Director of Animal Care at the ISMMS, I have also functioned as the Consulting Veterinarian for several entities. The longest at Fordham University for 25 years. Small research programs, e.g., Fordham, benefit significantly from the expertise available at larger, research intensive, institutions and thereby prevent undue scrutiny of our research involving animals.

DIVERSITY AND INCLUSION IMPACT

While my duties and job description do not include a formal role in diversity programs, I have become very involved in this area over the years. This interest stems from a sincere dedication to developing the next generation of under-represented biomedical scientists, veterinarians, and physician scientists. As an African-American male in science I have first hand experience of the challenges to entry and success for this specific demographic. Thus, the majority of my diversity efforts are targeted toward mentoring Black and Latino males. The programs below are examples of efforts I have either developed or partnered with to achieve these goals.

My most recent endeavor is the Historically-Black Colleges and University (HBCU) Engagement Initiative. This program seeks to strengthen and expand partnerships with HBCU Medical Schools, Undergraduate Institutions and ISMMS, via faculty to faculty relationships. I was asked by Dean Charney to head up this initiative in 2020 due to my longstanding dedication to HBCU institutions as an alumnus of Tuskegee University. To date, several relationships with senior leaders at Howard University College of Medicine, Meharry Medical College, Morehouse School of Medicine, Hampton University, Xavier University (La), and Tuskegee University are underway. Success will be measured by improved capacity at our HBCU partner institutions, increased diversity of our students and trainees, and ultimately leading to more diversity of the ISMMS faculty.

Created by Dean Charney, this committee is charged with developing strategies to increase the representation of groups under-represented in Science and Medicine within the biomedical sciences. A secondary charge is to establish a mechanism to promote the use of NIH Administrative Supplements to Enhance Diversity (Diversity Supplements). As co-chair successes included: improved connections between the various pipeline programs at Mount Sinai (PREP, SURP, CEYE, etc); outreach and increased applications from underrepresented students at Historically Black Colleges and Universities and Hispanic Serving Institutions; streamlined the process for awareness and application for diversity supplements.

Director, Friends of Odysseus (FOD) Mentoring Program – Initiated at the behest of Drs. Charney and Davis to address the lack of Black and Latino males in science and medicine and retention. The program focus is on individuals within the Mount Sinai community (medical/graduate students, junior faculty, etc). Monthly and bi-monthly programming (male role model panel sessions, the “Man2Man Series”), financial literacy seminars and annual golf outing) help to promote a sense of community among program participants. The FOD program was instrumental in establishing the annual Residents of Color welcome meeting in partnership with the Graduate Medical Education office. GME has since taken on this event.

Chair, SWAG Initiative (Scholar-athletes With Academic Goals)

A new pipeline program is the Scholar-athletes With Academic Goals (SWAG) Initiative.. The goal of the SWAG initiative is to support those athletes who enter college with these aspirations and to inform others of the opportunities available to them in science and/or health careers by virtue of their training as athletes (work ethic, perseverance, team work, etc). SWAG is a partnership with existing pipeline programs both within and external to ISMMS. Programming includes bi-monthly seminars with successful athletes turned scientist or health professional (Game Plan Series), shadowing opportunities for athletes, college readiness for academic excellence, etc. This program has been well received and we have partnered with the NCAA, NIH, AAMC (2019), and Black Men In White Coats, Inc (2021) on national summits. The SWAG Consortium, which I Chair, consists of: AAMC, SUNY Downstate (BK SWAG), Big East Basketball Program, Pace University and Community-Based Organizations (CBO): Manhattan/Staten Island Area Health Education Center (MSI/AHEC), Youth Education thru Sport, Inc (YES), Riverside Church Hawks, and Jr 100 OHBM Mentoring Program.

HBCU Engagement Initiative

The ISMMS has traditionally reached out to a small number of HBCU schools for student recruitment into our graduate and medical school. Dean Charney recently approached me to develop a plan to expand on these efforts with a renewed focus on faculty to faculty engagement, with emphasis on bidirectional, mutually beneficial relationships. The net result will be an exchange of students, junior faculty, and research collaborations. The program has established relationships with Howard University School of Medicine (MOU Pending), Meharry Medical College (MOU with the graduate school); Morehouse School of Medicine, Tuskegee University, Xavier University, Hampton University, City University New York, and Brooklyn College. These relations will be similar to existing collaborations with Rensselaer Polytechnic Institute (RPI) and Stony Brook University. As an HBCU graduate I have a unique perspective on how to achieve these engagements. The program reports directly to Dean Charney, who appointed me as the program coordinator. I was also asked to lead the initiative given my prior experience as co-chair DBRC and a history of dedication to HBCU institutions (my wife and I are Tuskegee grads (Mechanical Engineering, Biology, Vet Med; son (Morehouse College/Biology); son (Hampton University/Psychology).

Member, Faculty Diversity Council

Member, Anti-Racism Task Force

Partnership with Founding Chapter of One Hundred Black Men, NY

MENTORING PROFILE

My most enjoyable and relevant impact has been in the area of mentoring. I have been very fortunate over the years and understand the importance and commitment to helping those, from similar backgrounds as myself, to pursue their professional aspirations in Science and/or Health Professions. The primary focus of my mentoring activities has been toward Black male youth. Reflecting upon my personal challenges and being the father of Black males, I take particular responsibility for mentoring efforts.

I recruited and mentored the following faculty while Director, Comparative Medicine and Surgery (CCMS). Note: The Center also has the largest number of Black laboratory animal veterinarians in a single department for any program in New York State and second only to the CDC, nationally.

Tammy L. Rakowski, DVM – Recruited: 2001 – Graduate: University of Pennsylvania School of Veterinary Medicine – Currently employed at Albert Einstein College of Medicine.

Greg Goldschlager, DVM – Recruited: 2004 – Graduate: Ross Veterinary College – Currently employed veterinary private practice.

Hylton Gordon, DVM – Recruited: 2006, Returned: 2012 – Graduate: Tuskegee University School of Veterinary Medicine – Assistant Professor and Head Comparative Surgery, CCMS.

Virginia Gillespie, DVM – Recruited: 2012 – Graduate: University Wisconsin School of Veterinary Medicine – Assistant Professor, Head Comparative Pathology, CCMS.

Jonathan Cohen, MS, DVM, DACLAM – Recruited: 2012 – Graduate: Tuskegee University School of Veterinary Medicine – Associate Professor and Director, CCMS.

I am most proud of my mentorship of Dr. Cohen who has succeeded me as Director, CCMS; only the second Black director in the program's history.

Crystal Johnson, DVM, MPH, DACLAM – Recruited: 2015 – Graduate: Tuskegee University School of Veterinary Medicine – Associate Professor – Head, Translational Veterinary Medicine, ISMMS CCMS.

GRANTS, CONTRACTS, FOUNDATION SUPPORT

PAST GRANTS

<u>List Funding Source, Project Title & Number</u>	<u>Role in Project</u>	<u>Dates</u>	<u>Direct Costs</u>	<u>Supplemental Info</u>
NIH Improved Housing for Nonhuman Primates 1G20RR-17062-01	PI –Project Lead	2001-2005	\$350,000	Updated and replaced nonhuman primate caging system.
NIH/NCRR Research Facilities Improvement Program, Renovation of the Annenberg Cagewash Facility 1C06RR18854-01	Co- PI, Wrote grant and project lead. (PI: Kenneth L. Davis, ISMMS Dean)	2003-2008	\$1.3 Million	Expansion of research support in the Annenberg vivarium.

CURRENT GRANTS

<u>List Funding Source, Project Title & Number</u>	<u>Role in Project</u>	<u>Dates</u>	<u>Direct Costs</u>	<u>Supplemental Info</u>
			List the total award, along with current	

None			year direct costs	
------	--	--	-------------------	--

PENDING GRANTS

<u>List Funding Source, Project Title & Number</u>	<u>Role in Project</u>	<u>Dates</u>	<u>Direct Costs</u>	<u>Supplemental Info</u>
NIH/C06 Construction Grant: Expansion: PrIISM Human Immune Monitoring Center	PI: Large construction grant to expand HIMC on the Morningside campus. The HIMC has been critical to our understanding of the immune perturbations from COVID-19, Cancer, Autoimmune, Cardiovascular, and Gastrointestinal diseases.	Submitted: March 17, 2021 Not Funded	\$ 7,999,937	
NIH/C06 Construction Grant: Upgrades to the Emerging Pathogens Containment Facility	PI: Develop capacity for insect research (Insectarium) and upgrades to HVAC Systems for Improved Biocontainment	Submitted: January 20, 2025 Pending	\$7,500,000	

CLINICAL TRIALS PARTICIPATION— N/A

<u>Project</u>	<u>Role in Project</u>	<u>Dates</u>	<u>Award</u>	<u>Other Info</u>

TRAINEES - None

<u>Name</u>	<u>Level of Trainee</u>	<u>Role in Training & Inclusive Dates of Training</u>	<u>Training Venue</u>	<u>Trainees' Current Status/Employment</u>
None				

TEACHING ACTIVITIES

<u>Teaching Activity/Topic</u>	<u>Level</u>	<u>Role</u>	<u>Indicate Level and Number of Learners Taught, and Venue</u>	<u>Number of hours week/month/yr.</u>	<u>Evaluation Summary</u>	<u>Years Taught</u>
Developed Lab Animal Orientation Course	All levels using animals	Primary instructor for 3 years	Didactic and Wetlab training in CCMS facilities. Several hundred students.	Six hour course / per month, x three years		2000 - 2003

Co-creator of Zoonoses Course (veterinary component) in Public Health Program	MPH Students	Veterinary section director and lecturer	Common zoonotic disease of laboratory animals and domestic pets	One semester course elective. 1 hr per week.		2003-2005
---	--------------	--	---	--	--	-----------

Annual Research Integrity Lecture for Responsible Conduct of Research	Graduate and Medical students	Lecturer	Entire RCR class per session, avg 40-60 students. Auditorium venue.	One hour per class, final session of the course		2008 – Present
Research Integrity Bootcamp Instructor (Teaching RIO)	New Research Integrity Officers - National	Invited Speaker Teaching RIO – One of three lecturers	Bootcamps offered by the Office of Research Integrity (ORI), Public Health Service	One course per year, three days		Invited speaker 2010, 2012, 2014

ADMINISTRATIVE LEADERSHIP APPOINTMENTS

INTERNAL:

Research or Clinical:

Teaching:

General Administration:

Director, Center for Comparative Medicine and Surgery, 2000 – 2017

Responsible for developing the program of animal care which included oversight of the business office (\$3.5 million budget), construction/renovation of facilities, designed the Hess vivarium (only second facility in NYS to feature robotics, 5th in the US, designated a Center of Excellence site). All administrative aspects of the animal use program reported to me for 17 years. The program markedly improved from mediocre to one of the best programs in the country under my tenure, consistently receiving Continued Accreditation Status and high praise from site visitors. Animal facilities (vivaria) generally operate with significant institutional financial subsidy (20-40%). Over the 17 year period of my tenure as Director, CCMS operated at 100% cost recovery, no institutional subsidy, for all but one year, 2001-2002.

Associate Dean for Research Resources, 2003 – 2014

The Dean's office supports several Centers of Research Excellence (CORE) facilities on campus. These are resources with both technical expertise and high end, state of the art, research equipment. The operations consist of Finance, Personnel Administration, and Facility Oversight. A central component of this duty is to maintain the fee-for-service structure as revenue neutral while supporting research advancement. My initial charge was to develop a process for review of existing Cores, evaluation of proposals for new Cores, and sunset of obsolete Cores. I implemented a triennial Core review mechanism utilizing external and internal experts. Robust business plans now accompany all Core proposals as well as a scientific review of merit.

Research Integrity Officer, 2008 – Present

Beginning in 2005, the PHS Office for Research Integrity initiated an effort to professionalize the role of the Research Integrity Officer (RIO). New Federal Regulations required institutions to identify a dedicated RIO. In 2008 I became the first faculty member assigned to the role of RIO. I am responsible for receipt of allegations of research misconduct, developing a process for review of allegations, and to ensure that training in Responsible Conduct of Research (RCR) is in place. I act as the primary contact with PHS, Office of Research Integrity (ORI), produce reports and follow up on corrective action for adjudicated cases. I have been a frequent invited speaker to Research Integrity Officer (RIO) Bootcamp training for new RIOs and nationally recognized as one of the most experienced and senior RIOs in the US. Upon the merger with Continuum and expansion of the healthcare system, the RIO office expanded to include three new RIOs, all under my supervision. Thus, I became the Senior Research Integrity Officer.

Dean for Research Operations and Infrastructure, 2017 – Present

My duties include continued oversight of the Dean's Cores program with expansion to include oversight of Select Agents and Toxins, Biosafety, Emergency Preparedness (research labs), Environmental Health and Safety (research), Research Infrastructure (existing), Construction grants (coordination and preparation). These duties require significant coordination with senior administrators in the Dean's office and across campus. Several committees report into this position: Institutional Biosafety Committee, Select Agents and Toxins Oversight Committee, and the Research Operations Committee.

EXTERNAL:

Chair-elect, Group for Research Advancement and Development, (GRAND), AAMC: 2020-2023

The GRAND is a constituent group of the AAMC composed of Research Deans from US medical schools. Members are appointed by their school Deans as institutional representatives. As Chair-Elect I am responsible for coordinating the annual GRAND Spring meeting (May 2021). Following the Spring meeting my term as Chair begins for one year. At the conclusion of my term as Chair, I become Chair of the Membership Nominating Committee for one year. As the only veterinarian in GRAND I have also been appointed as the Member Delegate to the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC), representing the AAMC. I serve as the voice for AAMC on matters affecting animal research regulations and policies.

Inaugural Co-Chair, New York Coalition for Biomedical Research (NYCBR)

Associated Medical Schools of New York (AMSNY), 2017 – 2019

Although we have some of the highest density of research institutions in the U.S., the state of New York did not have an advocacy group to counter Animal Rights activity since the Research Alliance ceased operations in the 1990's. Other states, New Jersey, Massachusetts, California, are represented by state biomedical research organizations. In 2015, I approached a group of my Laboratory Animal Veterinary colleagues with the proposal for ASMNY to sponsor such an organization among its member institutions. The Deans of the medical schools approved the proposal in 2017 and I became one of the founding Co-Chairs. Accomplishments of the NYCBR under my co-leadership were: delayed introduction of NYS Controlled Substances proposed regulations; first NYS Assembly Lobby Day visit, consulted on review of animal adoption regulations for research animals. All of the above measures were viewed to have negative impacts on animal based research or research productivity.

Inaugural Co-Chair, Biosciences Advisory Council

Associated Medical Schools of New York (ASMNY) – 2021 – Present

The concept of the GRAND group under AAMC is a mechanism for improved advocacy for biomedical research at the state level. However, no such organization exist in New York State or many other states. The AMSNY organization envisioned a group of senior research faculty to act on behalf of the academic medical centers in the areas of faculty diversity, infrastructure, research funding, and economic development for NYS. The Council elected me as a founding Co-Chair due to my participation in GRAND and the NYSCBR. My Co-Chair is Michael Shelanski, MD, PhD, Senior Vice Dean for Research, College of Physicians and Surgeons, Columbia University. The immediate goals of the Council are to develop joint recruitment strategies across the New York Medical Schools

PUBLICATONS

Peer Reviewed Original Contributions

Other Peer Reviewed Publications

Invited Contributions

Books and Book Chapters

Non-Peer Reviewed Publications

My publications have been as a collaborator on various studies that required veterinary expertise. As a laboratory animal specialist, I assist researchers in achieving their investigative goals using animal models of human disease. As a research administrator I have developed significant experience in the evaluation and design of animal resources and laboratories, specifically in the area of research infrastructure. Much of this experience was gained through my service on the NIH/STRB in which I reviewed construction grants from throughout the country. The STRB is composed of scientists, engineers/architects, and veterinarians. This unique composition of technical expertise afforded me the opportunity to learn about research facility design from many vantage points. I have brought this experience to my positions in research administration and support.

Reginald W. Miller, Roger Kurlan, Jeffrey D. Wyatt and Don M. Gash. A jejunal pouch technique in the rhesus monkey and related clinical observations. J. Med Primatol 1992;21:366-370, 1992

David J. Brenner, PhD., Eric Hall, D.Sc., Gerhard Randers-Pehrson, PhD, Youping Huang, PhD., Gary W. Johnson, AAS, Reginald W. Miller, D.V.M., et. al. Quantitative Comparisons of Continuous and Pulsed Low Dose Rate Regimens in a Model Late-Effect System. International J. Radiation Oncology Biol. Phys Vol. 43 p. 905, 1996

Joan W. Witkin, Honor O'Sullivan, Reginald W. Miller and Michel Ferin. GnRH perikarya in the medial basal hypothalamus of pubertal female rhesus macaques are ensheathed with glia. J. Neuroendocrinology 1997, 9:881-885.

The Parkinsonian Toxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP): a Technical Review of It's Utility and Safety. Serge Przedborski, Vernice Jackson-Lewis, Ali B. Naini, Michael Jakowec, Giselle Petzinger, Reginald Miller, and Muhammad Akram. J. of Neurochemistry, 2001, 76, 1265-1274.

INVITED LECTURES/PRESENTATIONS

National Meetings

National Center for Research Resources Annual Symposium on Writing Construction Grants – NIH Campus, Bethesda, MD, 2002

National Center for Research Resources Annual Symposium on Writing Construction Grants – NIH Campus, Bethesda, MD, 2003

American Association for Laboratory Animal Science (AALAS), National Meeting: NCRR G20/C06 Construction Grants – Speaker, Anaheim, CA, 2005

Public Health Service (PHS)/Office for Research Integrity (ORI) Bootcamp – Teaching RIO, San Diego, CA, 2010

PHS/Office for Research Integrity Bootcamp – Organizer/Host, Icahn School of Medicine, NY, NY, 2015

PHS/Office for Research Integrity Bootcamp – Teaching RIO, Dallas, TX, 2017

VOLUNTARY PRESENTATIONS – None

MEDIA RESOURCE EDUCATIONAL MATERIALS – None