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HOLLANDER  
GROUP

**University of Missouri-Kansas City  
School of Medicine  
Margaret Suzanne Neal Endowed Chair in Orthopaedics**

*“UMKC is a strong public research university living the values of Education First; Discovery and Innovation; Integrity and Accountability; Diversity, Inclusiveness and Respect; and Energized collaborative Communities”.*

<http://umkc.edu/thevision>

**THE SEARCH**

The University of Missouri-Kansas City (UMKC) School of Medicine invites nominations and applications for the position of Margaret Suzanne Neal Endowed Chair in Orthopaedics in the Department of Orthopaedic Surgery. The Department extends over three hospitals in Kansas City: Truman Medical Center - Hospital Hill, Children's Mercy Hospital, and Saint Luke's Hospital of Kansas City. The Neal Chair will develop a coordinated educational and research program in orthopaedics across all three institutions. The Neal Chair will be expected to assume a leadership role within the University through mentoring and through the acquisition of research support.

The candidate must be a PhD or MD at the Associate Professor level or above, with at least five years of experience and ongoing grant support for research in an area of concentration that is complementary to orthopaedic and bone research currently being carried out at UMKC. Candidates are expected to have demonstrated clinical and/or leadership abilities in orthopaedics research.

**TO APPLY:**

The Search Committee is accepting applications immediately and will continue until the position is filled. Please send CV with cover letter, **preferably by email**, in strict confidence to:

*The Hollander Group*

Phone: 202-270-8772

Fax: 202-337-4046

[Info@thehollandergroup.net](mailto:Info@thehollandergroup.net)

***The University of Missouri-Kansas City is an Equal Opportunity Employer and encourages a diverse pool of candidates for this search.***

## **THE UNIVERSITY OF MISSOURI-KANSAS CITY**

UMKC has evolved into a comprehensive research-intensive university with thirteen schools from a small, teaching-oriented institution. UMKC's colleges and programs offer more than 125 degrees, including 49 master's degrees and select doctoral degrees. Current enrollment is more than 14,000 students. Sixty-six percent of matriculated students are undergraduates, 34 percent are graduate students. UMKC is large enough to provide a broad range of educational and social opportunities, but small enough to retain a sense of community and belonging. The University serves traditional and non-traditional students of all ages, and is strongly committed to providing quality education for diverse populations. The average ACT score of entering freshmen is 23.6, which is among the highest of all public research universities nationwide.

The University is located in the center of Kansas City's "cultural zone," a part of the city encompassing several museums including a fine arts center, a premier research institute, a renowned science and technical and research library, as well as the Country Club Plaza and Westport shopping and entertainment districts. Kansas City is the headquarters city of significant industry leaders such as Sprint, Hallmark, American Century and H&R Block. These provide students with numerous employment options. A high percentage of UMKC graduates (60%) choose to remain in Kansas City upon graduation.

During the early 1990s, UMKC launched an aggressive campaign to strengthen its programs and attract top-notch faculty through the Missouri Endowed Chair and Professorship Program. The College of Arts and Sciences has six Curators' Professors, two Distinguished Teaching Professors, and two endowed chairs. Since 1993, thirty-three endowed chairs and professorships have brought distinguished new teachers and researchers to the campus. The University is committed to increasing research funding and the number of doctoral students, and to improving its physical facilities. The \$35 million Flarsheim Science and Technology Building opened in 2000, and an additional \$40 million has been committed to a new health sciences building. One of UMKC's major priorities is to lead in the Life and Health Sciences.

There are exciting synergistic opportunities for interdisciplinary research both within UMKC and with its partners. Collaborative initiatives, a center for medical research, and the drive of public and private partners are quickly making the area a national center for science and health research. UMKC is a partner in the Kansas City Life Sciences Institute, a collaborative venture among the metro area's top research institutions, civic groups, and other disciplines within the University.

## THE SCHOOL OF MEDICINE

### History

The University of Missouri Kansas City School of Medicine officially was founded in 1971 with a unique approach to medical education. Based on a six-year curriculum, the School of Medicine admits students into the program directly from high school. Students graduate with their Baccalaureate-Doctor of Medicine (Baccalaureate/MD) from the same institution. The curriculum integrates the liberal arts, and basic and clinical sciences within a team approach to learning.

When E. Grey Dimond, MD, was asked to devise an academic plan for a new medical school in the early 1960s, he agreed with one stipulation: "Only if you make it fun." With that in mind, a unique new medical school was created that would provide students with early and continuous patient-care experience. A charter class of 18 students joined 23 "advanced standing" students to begin classes in 1970 at the University's Health-Sciences building and a year later, a group of 40 students became the first official Year 1 class to enter the School. More than 2,000 physicians have since received their MDs from the UMKC School of Medicine.

The School opened the doors of its current facility at 2411 Holmes Street in the heart of Kansas City's historic Hospital Hill district in August 1974 at a cost of \$13.5 million. The School of Medicine is physically connected to Truman Medical Center - Hospital Hill, one of its primary teaching hospitals, while Children's Mercy Hospital and the Western Missouri Mental Health Center are located immediately adjacent on Hospital Hill. Saint Luke's Hospital of Kansas City is about two miles from the School, located near Kansas City's Country Club Plaza district. Truman Medical Center Lakewood is located on the east side of Kansas City. The growth of the School of Medicine extends to graduate medical education, in which the School now offers residency programs in 13 specialty areas and training in 20 subspecialty residency programs. More information about the School of Medicine may be found at <http://www.med.umkc.edu/>.

The Liaison Committee on Medical Education, a national body representing the Association of American Medical Colleges and the American Medical Association, has endorsed the School of Medicine and its academic philosophy. The School of Medicine is fully accredited by the LCME.

The School of Medicine and Truman Medical Centers recently received the prestigious designation as a *National Center of Excellence in Women's Health* from the U.S. Department of Health and Human Services (DHHS), becoming the only such Center in a four-state region and one of only 21 nationwide.

## **School of Medicine Clinical/Academic Departments**

The School of Medicine has 15 departments: Anesthesiology, Basic Medical Science, Clinical Pharmacology, Community & Family Medicine, Emergency Medicine, Internal Medicine, Obstetrics & Gynecology, Ophthalmology, Oral & Maxillofacial Surgery, Orthopaedic Surgery, Pathology, Pediatrics, Psychiatry, Radiology, and Surgery. The School has five key partner hospitals: Children's Mercy Hospital, Saint Luke's Hospital of Kansas City, Truman Medical Center Hospital Hill, Truman Medical Center Lakewood, and Western Missouri Mental Health Center.

## **Faculty**

The School has 570 full-time and 670 volunteer faculty positions, and 375 residents and fellows in 32 ACGME-sponsored programs.

## **The School of Medicine Office of Research**

One of the highest priorities in the School of Medicine's strategic plan is to improve the research infrastructure to support the needs of existing faculty, to aggressively recruit new NIH-funded investigators, and to expand research training opportunities for medical students and residents. The UMKC School of Medicine has a diversity of biomedical research strengths enabling it to provide leadership in research at UMKC. Since medicine is at the very heart of all biomedical research efforts, the School's role is critical for UMKC to achieve maximal productivity from its life sciences research. The School's affiliates provide clinical faculty to enhance research programs, as well as access to patients from diverse demographic backgrounds that expose students to a wide variety of clinical conditions.

Additional opportunities for faculty and students are provided through cooperation with other UMKC professional schools such as Nursing and Pharmacy, clinical affiliates, the Kansas City Area Life Science Institute, <http://www.kclifesciences.org>, the Stowers Institute, <http://www.stowers-institute.org>, and the Midwest Research Institute (<http://www.mriresearch.org>).

The **Kansas City Area Life Sciences Institute** is the coordinating body leading Kansas City's transformation into a center of excellence in life sciences research and development. A not-for-profit organization, the Life Sciences Institute serves as facilitator, matchmaker and potential funding organization for collaborative research that may lead to new discoveries for treatment of diseases, development of new drugs and medical devices, and guidance in best medical practices.

The **Stowers Institute for Medical Research** aspires to be one of the most innovative independent, not-for-profit biomedical research organizations in the world. The Institute conducts basic research on genes and proteins that control fundamental processes in

living cells to unlock the mysteries of disease and find the keys to their causes, treatment, and prevention.

**Midwest Research Institute** is an independent, not-for-profit, contract research organization that provides research and development for industry. Its major research areas are in National Defense, Health Sciences, Agriculture & Food Safety, Engineering, Environment, Information Technology, Energy, Biological Sciences and Analytical Chemistry. Its mission is to provide solutions through scientific research, technology development, and technical services for the benefit of government, industry, and the public.

There is an emerging strength in outcomes research incorporating faculty from the UMKC School of Medicine, College of Arts and Sciences, College of Dentistry and the School of Computer Science and Engineering.

### **Endowed Chair Program**

One of the great strengths of the UMKC School of Medicine is its Endowed Chair program. The School has jointly recruited 18 Endowed Chairs in collaboration with its affiliated hospitals. These Chairs provide an established nexus for highly productive translational research, which has led to an overall increase in Federal funding, and foundation and Industry sponsored research.

### **New Growth**

The School of Medicine's animal facilities on Hospital Hill have been renovated. A state-of-the-art, fully accredited animal facility now exists with room for future growth of 15,000 square feet. Renovation of 15,000 square feet of laboratory space and acquisition of core scientific equipment necessary to support modern scientific research is in process. In addition, a new Health Sciences Building has broken ground. This new complex will house the Schools of Pharmacy and Nursing and research programs from selected Hospital Hill stakeholders.

### **The Department of Orthopaedic Surgery and Its Collaborators**

James J. Hamilton, MD, is the Chairman of the Department of Orthopaedic Surgery and current holder of the Rex L. Diveley Endowed Chair in Orthopaedic Surgery. He received his undergraduate training at Northwestern University in Evanston, Illinois and then attended the Medical College of Wisconsin where he received his MD in 1971. Dr. Hamilton served a four-year tour of duty in the Army as an Assistant Professor of Anatomy at the Uniformed Services University of the Health Sciences and as Consultant to the Orthopaedic Section of the Armed Forces Institute of Pathology. He came to Kansas City upon completion of his military tour in 1980. His interests are in functional anatomy and trauma. Dr. Hamilton is currently the president of the Clinical Orthopaedic Society. He has served as Chair of the American Academy of Orthopaedic Surgeons

(AAOS) Academic and Business Practice Committee and Chair of the American Orthopaedic Association (AOA) Academic Interest Committee, among others. He has been the Orthopaedic Surgery Chair at UMKC since 1980.

Dr. James K. Brannon is a board-certified orthopaedic surgeon who is extremely interested in the problem of avascular necrosis of bone and the preservation of joints affected by this problem. He received his medical education at the University of Iowa and did an orthopaedic residency at King-Drew Hospital in Los Angeles. Dr. Brannon has developed an innovative system for the endoscopic treatment of avascular necrosis of the femoral head, which has been granted FDA approval. He has several patents associated with devices used in this process.

Dr. Hong-Wen Deng, PhD, an internationally recognized leader in osteoporosis research and co-holder of several patents in genetics, has recently joined the faculty of the School of Medicine and is highly regarded in Kansas City's health sciences research community. Dr. Deng is the holder of the Franklin D. Dickson/Missouri Endowed Chair in Orthopaedic Surgery. Several interdisciplinary ties are being established with Dr. Deng's important work including UMKC's School of Computing and Engineering and the Bone Biology Research Group at the School of Dentistry. Likewise, the Women's Health Initiative at the Medical School sees wide ranging potential for collaborative research opportunities with Dr. Deng.

The Bone Biology Research Program within the UMKC School of Dentistry, Department of Oral Biology, takes an understanding of bone and tooth development and maintenance to help combat diseases and disorders of mineralized tissue including osteonecrosis, breast and prostate cancer metastasis to bone, and birth defects involving craniofacial development. The technologies available for the study of mineralized tissues include genomics; proteomics; transgenic mice; bone analysis for properties such as density, hardness, and strength; and histomorphometry for analysis of both intact bone and cultured bone cells.

In collaboration with the Bone Biology Research Program, investigators within the Biomaterials Research Program at the UMKC School of Dentistry, Department of Oral Biology, focus on developing durable materials that can replace oral tissues lost as a result of age, disease or trauma. Clinical applications of the research will likely extend to improvements in joint implant stability and prevention of atherosclerotic plaque. Both the new materials and imaging systems being developed by the team could be of considerable economic value as they are eminently suitable for technology transfer to either newly formed or established biomedical companies.

The UMKC Department of Orthopaedic Surgery Residency program is based at Truman Medical Center - Hospital Hill. The residency program also provides rotations at the affiliated hospitals, Saint Luke's Hospital and Children's Mercy Hospital. Twenty-six faculty members are on staff among these three institutions. Orthopaedic services are provided for adults and children. A five-year Orthopaedic Surgery Training Program is offered as well as a one-year Sports Medicine Fellowship. There are four residents

accepted each year into the Orthopaedic Residency Program. Graduates of the program are involved in approximately 2,200 major surgicals upon completion of the program.

### **The UMKC Shock Trauma Research Center**

The Shock Trauma Center, established in May 2002, incorporates bench research within the Basic Medical Science Department, with its clinical component located at Truman Medical Center and at Saint Luke's Hospital in the departments of emergency medicine, surgery and orthopaedics. It consists of laboratories for studying both hemorrhagic shock, which results from blunt trauma to blood vessels, and septic shock, which results from infections in the bloodstream that cause the vessels to leak. More than 200,000 people in the U.S. die from hemorrhagic shock and septic shock each year. It is the leading cause of death for individuals under the age of 45 in the U.S. today. Significant advances in research during the past several decades, in part contributed by members of the Shock Trauma Research Center at the UMKC School of Medicine, have provided new insights into the basic molecular mechanisms that are responsible for the cellular injury and organ damage that result from shock.

The Center receives more than \$1 million annually in research grant support from the National Institutes of Health, the Office of Naval Research, and the American Heart Association for research to develop new treatment strategies to reduce the amount of cell death that occurs following shock. The Center has been awarded \$2.1 million in Federal defense funding to reduce the risk of death for soldiers on the battlefield. The funding will support the Center's research and development to enhance the capability of first responders on the battlefield so they can better treat injuries.

### **CHALLENGES AND OPPORTUNITIES FOR THE NEAL ENDOWED CHAIR IN ORTHOPAEDICS**

- *Provide leadership that crosses traditional boundaries in order to establish collaborative research relationships and opportunities among key constituents within the School of Medicine and elsewhere within the University, as well as external policy makers, civic organizations, and faculty.*
- *Tap into existing federal funding sources while seeking additional opportunities at the state and local levels.*
- *Mentor other faculty to enhance research in the Department.*

## **RESPONSIBILITIES OF THE POSITION**

The Neal Endowed Chair in Orthopaedics will conduct and promote research for the Department of Orthopaedic Surgery. This will entail effective and efficient performance of many functions including:

- Providing leadership in research among key constituents within the School of Medicine, as well as external policy makers, civic organizations, and faculty.
- Serving as an innovative visionary in Orthopaedics research.
- Securing federal and regional extramural financial sponsorship to support orthopaedic surgery research.
- Providing strategic and tactical direction in the conduct of research.
- Communicating and disseminating research findings.

## **CHARACTERISTICS OF THE IDEAL CANDIDATE**

The ideal candidate for this position will personify the mission and vision set forth by UMKC, the School of Medicine and the Department of Orthopaedic Surgery. While it is realized that no candidate will possess all desired qualities, the ideal candidate:

- Is immediately eligible for tenure at the Full or Associate Professor level
- Is expected to have demonstrated clinical and/or leadership abilities in orthopaedic research. The Neal Chair will be expected to assume a leadership role within the University through mentoring and through the acquisition of research support.
- Is a PhD or MD at the Associate Professor level or above with at least five years of experience and ongoing grant support for research in an area of concentration that is complementary to orthopaedic and bone research currently being carried out at UMKC.
- Is an experienced teacher who interacts well with students and residents, and is interested in being involved in teaching.
- Demonstrates the highest standard of ethics in research and is a model of the same to students, residents and colleagues
- Interacts with students, residents, colleagues and associated staff in a manner that gains their respect.
- Will have proven skills and experience in fundraising, a record of achieving grants and promoting organizational priorities and commitments.
- Develops and commands mutual respect with decision-makers, funders, and other stakeholders, preferring a collaborative, partnering, team-oriented, inclusive approach.
- Embodies creativity, flexibility, charisma, practicality, resilience and energy while being able to maintain a strategic orientation.
- Is entrepreneurial, proactive, action and results-oriented.
- Is a builder of high-leverage, enduring partnerships and alliances.

- Is visible within the community and operates in a manner that is community-driven as well as responsive and reactive to policy-makers.
- Consistently demonstrates excellent management skills.
- Possesses excellent quantitative and analytical skills with the ability to evaluate the differentiated effect of alternatives being pursued.
- Demonstrates superior advocacy skills, which s/he has a track record of utilizing.