# UK 

UNIVERSITY OF KENTUCKY

April 20, 2015
Andrew Hippisley
Chair, University of Kentucky Senate Council
Dear Dr. Hippisley,
The Senate Academic Organization and Structure Committee (SAOSC) discussed via email the proposal by Scott Lephart, Dean for College of Health Sciences, to create a Sports Medicine Institute. Professor Lephart joined the University of Kentucky in 2014 from the University of Pittsburg where he and the team which accompanied him to the University of Kentucky conducted multidisciplinary research in collaboration with scientists in other departments on projects related to sports medicine. The success of that program is the impetus for this proposal.

This proposal is a joint initiative involving College of Health Sciences, College of Medicine, UK HealthCare, and UK Athletics Department. The home for the institute will be the College of Health Sciences. From the proposal, "The proposed SMRI will adopt a comprehensive research agenda with capabilities to support four central research foci including 1) injury prevention and performance, 2) musculoskeletal health and rehabilitation, 3) nutrition/metabolism and physiology, and 4) neurocognition." As such, the work of the institute can include scientists from many other colleges and departments.

The proposal is accompanied by letters of support from Deans and the Faculty councils from the Colleges of Agriculture, Food and Environment, Education, Engineering, Health Sciences, Medicine, Nursing and Public Health. Faculty invited to join as associate members have written support letters. It is a popular initiative.

The SAOSC recommends approval of the proposed Sports Medicine Research Institute.

Respectfully and on behalf of the SAOSC,

Ernest Bailey, PhD
Professor
Chair of SAOSC

# Proposal to the Senate Academic Organization and Structure Committee (SAOSC) to 

 Create the University of Kentucky Sports Medicine Research Institute (SMRI)College of Health Sciences

Submitted By:<br>Scott M. Lephart, PhD<br>Dean and Professor<br>College of Health Sciences<br>Endowed Chair of Orthopaedic Research

All collaborating College Deans have reviewed and endorsed this proposal including the Colleges of Agriculture, Food and Environment, Education, Engineering, Medicine, Nursing, and Public Health.
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## Rationale to Establish the Sports Medicine Research Institute

In October 2014, Scott Lephart accepted the position as Dean of the College of Health Sciences (CHS). As the Dean, he identified priorities and resources critical for the College to achieve the vision within the University's strategic plan. Of these priorities, one of the most critical is to grow a comprehensive and robust research portfolio through innovative strategies that add value and sustainability to the current research agenda of CHS, the five other UK Health Profession Colleges, UK HealthCare, and the University at large. To bolster this agenda, six of Dr. Lephart's colleagues have relocated to the University of Kentucky. Additionally \$4.7M in research grants, from the Office of Naval Research and US Army Medical Research and Materiel Command have been awarded/are in processing to the University of Kentucky and are central to these research efforts.

For nearly 30 years, this research team conducted sports medicine research at the University of Pittsburgh’s Neuromuscular Research Laboratory (NMRL) and Warrior Human Performance Research Center (WHPRC). The NMRL and WHPRC represented a multidisciplinary and comprehensive approach to prevention, treatment, and rehabilitation of injury and gained national and international recognition for its study of sports medicine and orthopaedic-related research. This research team secured more than $\$ 40 \mathrm{M}$ in research grants over the last decade and operated eight research centers within US Department of Defense (DOD) Special Operations military installations across the country.

The proposed Sports Medicine Research Institute (SMRI) will enable similar research activities as described above. It represents a joint initiative among CHS, College of Medicine, UK HealthCare, and UK Athletics Department and will be housed in CHS. The proposed SMRI will be a 9000 sq. ft. contemporary and state-of-the-art enterprise positioned to be a global leader in sports medicine and orthopaedic research. This research institute will support ongoing and future CHS faculty research initiatives, and among other cohorts the research needs of UK Athletics Department, UK Orthopaedic and Sports Medicine practice, and the world’s most elite tactical athletes, US Special Forces Operators who protect our national security in the fight against global terror. The proposed SMRI will adopt a comprehensive research agenda with capabilities to support four central research foci including 1) injury prevention and performance, 2) musculoskeletal health and rehabilitation, 3) nutrition/metabolism and physiology, and 4) neurocognition.

The proposed SMRI will continue to conduct sponsored grant funded research with the US DOD and US Special Forces and will serve as the central research facility to support its satellite DOD grant-funded laboratories (Camp Lejeune, NC/Fort Bragg, NC). Under this research, the proposed SMRI will function to develop research protocols, conduct pilot studies, conduct parallel research to meet the grants' stated aims, and manage all data processing, analysis, and interpretation. The facility will be configured with secured data servers and video teleconferencing technology to enable communication with its satellite laboratories and other military collaborators located at Special Operations Forces installations around the country.

In addition to continued support of the US DOD, the research conducted at the proposed SMRI will focus on paradigms of randomized clinical trials and comparative effectiveness research to
validate best practices for prevention, treatment, and rehabilitation of sports medicine and orthopaedic-related musculoskeletal injuries. Specific models will include risk mitigation, occupational health and safety, nutrition fueling/hydration strategies and substrate utilization, visual acuity, fatigue/recovery, endocrine health, sleep and stress, battlefield medicine, adaptive technology, concussion/mild traumatic brain injury, orthopaedic-related injury prevention and rehabilitation interventions, healthy aging, and women's health. The proposed SMRI will be dynamic and will allow for a continuum of research to support a variety of agendas in its central research foci areas. This research will translate to improving the health and wellness of the citizens of the Commonwealth across age and physical activity spectrums.

## Impact on Academics/Research

The proposed SMRI will also provide research experiences for students across the University. It will be aligned with the CHS Rehabilitation Sciences Doctoral Program and will create new opportunities for research training by providing student funding through graduate research assistantships and mentoring of PhD students. The available graduate student assistantships at the proposed SMRI will provide students with immersive applied research opportunities to gain the critical skills necessary to become successful researchers. Additional research experiences will be available for PhD students outside of the College of Health Sciences. The faculty of the proposed SMRI will be comprised of multidisciplinary experts, and as such, graduate student researchers will be recruited in disciplines that align with the faculty. The proposed SMRI investigators will include backgrounds in athletic training, physical therapy, medicine, exercise physiology, epidemiology, nutrition, neurocognition, biomechanics, and bioengineering.

Specific undergraduate research opportunities will be developed to support the University's strategic initiative promoting undergraduate research. These research experiences will also provide a research environment for students enrolled in the CHS Undergraduate Research Certificate program.

Generally, the proposed SMRI will provide research opportunities for undergraduate and graduate students, and residents and fellows (postdoctoral/clinical). Beyond UK borders will include active duty military personnel on academic leave, military personnel who graduated from the Baylor Physical Therapy program, and veterans (internships and postdoctoral training). The integration of student, resident, fellowship, and active duty and veteran research experiences will include exposure to research projects, grand rounds and journal clubs, grantsmanship program, muscle forum, and attendance/presentations at regional, national, and international professional conferences and symposiums. This multidisciplinary approach will broaden the scientific understanding through a holistic approach.

The creation of the SMRI will not have any implications on the accreditation by the Southern Association of Colleges and Schools or other organizations.

## University of Kentucky- College of Health Sciences

The Rehabilitation Sciences Doctoral Program is designed to produce research and academic leaders in rehabilitation sciences for the professions of four disciplines: athletic training, communication sciences and disorders, occupational therapy, and physical therapy. The program is designed to prepare scholars to conduct orthopaedic and rehabilitation-related research, teach
at the university level, direct discipline-specific education programs, work in the rehabilitation services field, and collaborate with other professionals to provide leadership in rehabilitation health. The program's research is central to issues contributing new knowledge concerning the prevention, treatment, and rehabilitation of sports and orthopaedic injuries. This program offers a unique multidisciplinary, multi-institutional emphasis. Students can study with professionals from all four disciplines and course work is offered from faculty members from four institutions within the Commonwealth: University of Kentucky, Eastern Kentucky University, Murray State University, and Western Kentucky University. Our program is dedicated to the idea of multidisciplinary service delivery, research, and education.

Weekly seminars will provide students with access to the most current research and clinical developments related to injury prevention, treatment, rehabilitation, and performance with a specific focus on, although not limited to, military-related research. The addition of the proposed SMRI research will allow our students to further expand their technical skills by engaging in innovative orthopaedic and sports medicine research. Those interested in obtaining a PhD will enroll in the University of Kentucky's graduate school with mentor assignment to one of faculty of the proposed SMRI.

Since 2007, five active duty military personnel have enrolled in CHS’s Rehabilitation Science doctoral program through the US Army’s Long Term Health Education Training (LTHET). LTHET provides US Army Medical Department medical personnel the opportunity to enroll in formal education and training at non-Federal educational institutions in exchange for 3-6 years of service. The creation of the SMRI will allow for a more formal recruitment of students with specific research interest in sports medicine, orthopaedic treatment, and rehabilitation. Interdisciplinary relationships with academic institutions outside of UK will be encouraged. These relationships will provide for apprenticeships that will provide focused research experiences and exposure to different facilities and expertise. Multiple experiences will expose the students to unique ideas and methods and will help them refine the line of research inquiry suitable to advance the mission of the proposed SMRI. This program will also enhance partnerships between CHS/University of Kentucky and military institutions/military treatment facilities. The proposed SMRI has the potential to expand this type of relationship with similar programs that exist within the four other US Armed Forces service branches (Air Force, Coast Guard, Marine Corps, and Navy).

## University of Kentucky- Department of Orthopaedic Surgery and Sports Medicine

The Department of Orthopaedic Surgery and Sports Medicine includes an orthopaedic residency, sports medicine fellowship, and trauma fellowship. Currently the Department is accredited for an annual recruitment of five residents, two orthopaedic trauma fellows, three orthopaedic sports medicine fellows, and two orthopaedic primary care fellows. Their training is comprehensive and involves all aspects of orthopaedic and orthopaedic subspecialty training in a hospital and outpatient facilities including training room and playing field settings. Orthopaedic residents and fellows are also required to participate in research as a part of their graduation requirement. The residents have a dedicated block of their training between years 2-3 where they conduct a research project over a three months period during which they are exempt from routine clinical activities. The proposed SMRI will enhance the orthopaedic fellowship by providing a state-of-the-art facility where residents and fellows can conduct dedicated research in an immersive
applied research experience. The proposed SMRI and the Department of Orthopaedic Surgery and Sports Medicine will form a collaborative partnership to strengthen research opportunities.

## Organizational Structure

The proposed SMRI's research team will include associate faculty from seven colleges (Appendix 1 and 3). The Director of the SMRI will be appointed according to Administrative Regulation 1:3 and Governing Regulation VIII- The Dean of the Institute’s academic home College in consultation with the Deans of the collaborating Colleges and host College's Chairs, and VPR selects the Director for recommendation to the Provost. The Director is appointed for a six-year term by the Dean of CHS with confirmation of the Provost, Board of Trustees, and President. The Director will be subject to annual performance reviews by the Dean. Overall performance of the Director will be evaluated externally as part of the formal University periodic review of the Institute (described below). This information will be made available to the Dean and University leadership for use in deliberations regarding possible re-appointment. The Director is eligible for reappointment upon recommendation of the Dean with University approval as above (GR VII A 4 c).

An initial SMRI advisory board has been appointed by Dr. Lephart as the Interim Director to provide oversight on planning and implementation of research within the institute. The advisory board will provide recommendations regarding administrative and programmatic implementation, financial management, and periodic evaluation. The initial advisory board will be comprised of:

- Scott Lephart, PhD- Dean, College of Health Sciences, Associate Faculty, Interim Director
- John Abt, PhD- Associate Faculty
- Nick Heebner, PhD- Associate Faculty
- Meaghan Beck, MPA- Staff
- W. Scott Black, MD, MS- Associate Faculty
- Darren Johnson, MD- Associate Faculty
- Christian Lattermann, MD- Associate Faculty
- Brian Noehren, PT, PhD, FACSM- Associate Faculty

The proposed SMRI will be evaluated annually by the Advisory Board (inclusive of the Director and Dean, College of Health Sciences). The following information will be included in the annual report:

- Peer reviewed publications
- Peer reviewed presentations
- Awards and honors
- Funding productivity (\# awarded/\# submissions)
- Professional memberships
- Professional development

In accordance with Governing Regulation IX and Administrative Regulation 1:4, the SMRI will publish an annual progress report to document unit progress toward achieving its strategic planning initiatives based on the results and recommendations of its periodic review.

The SMRI will be reviewed comprehensively at regular intervals by an ad hoc committee every five to seven years. All periodic reviews will be "used to evaluate unit performance and effectiveness with respect to the quality of education and student support programs, resources, and administrative processes, and services. The results of the periodic review are used for developing strategic planning and unit initiatives" (AR 1:4, Part VI, A1).

The multidisciplinary associate faculty of the proposed SMRI is currently collaborating on several projects and is represented by faculty from within the College of Health Sciences (Department of Rehabilitation Sciences and Department of Clinical Sciences), UK HealthCare, UK Athletics Department, College of Medicine, College of Public Health, College of Engineering, College of Nursing, College of Education, and College of Agriculture, Food and Environment. All collaborating College Deans have reviewed and endorsed this proposal including the Colleges of Agriculture, Food and Environment, Education, Engineering, Medicine, Nursing, and Public Health. The creation of the SMRI will provide for a unique and comprehensive research environment that will enable integrated collaboration across campus and provide a competitive advantage for all faculty seeking grant sponsored research. No faculty will transfer to the proposed SMRI, but will remain in their respective academic units and will be able to carry out their negotiated (with Department Chair and Director) sponsored research DOE within the SMRI. To date, the associate faculty have $\$ 20 \mathrm{M}$ in research grants currently in review to be conducted in the proposed SMRI. These collaborations will grow with other University Departments and Divisions as relationships are developed. The organizational structure of the proposed SMRI is outlined in Appendix 1.

## Alignment with College and University Objectives and Priorities

The proposed SMRI's mission is to explore ways to minimize injury, optimize performance, maximize resiliency, and quality of life through excellence in research, community outreach, and collaboration - all leading to one outcome: optimal health. This mission aligns directly with objectives and priorities of CHS and the University of Kentucky.

CHS's primary objective is to help the citizens of the Commonwealth of Kentucky, and beyond, gain and retain the highest level of health through creative leadership and productivity in education, research, and service. The proposed SMRI is a manifestation of this objective. The institute is a means for students to experience education outside the classroom and to be integrated into a contemporary applied research setting with interprofessional and innovative learning opportunities. CHS and proposed SMRI share a common vision- a dynamic, sustainable research enterprise that reaches out into the community, improving the lives of Kentuckians and beyond, while helping individuals attain optimal health. The proposed SMRI's agenda is vital to establishing best clinical practices for health care providers and for the attaining optimal health.

The University of Kentucky's strategic objectives aim to improve people’s lives through excellence in education, research, service, and health care. Improving people's lives is at the core of proposed SMRI's mission and services, which include: 1) research opportunities for both undergraduate and graduate students that will promote self-discovery, experiential learning, and discovery, 2) innovative research and scholarship opportunities, 3) community outreach and engagement to recreational and competitive youth, high school, collegiate, professional, and senior athletes, coaches, parents, and other health care providers, and 4) applicable strategies on
injury prevention, human performance, sports nutrition and overall wellness. UK is a fundamental research university that facilitates learning informed by scholarship and research; expands knowledge through research, scholarship and creative activity; and serves a global community by disseminating, sharing and applying knowledge. As a research institute, the proposed SMRI will play a role in advancing these research endeavors and achieving the University's aspiration to become a major comprehensive research institution ranked nationally in the top twenty public universities.

## Impact Relative to Benchmark Institutions

The proposed SMRI will be a unique, contemporary, and state-of-the-art enterprise. The faculty of the SMRI will collaborate with many of the academic, military, and non-profit benchmark institutions. These relationships were strategically selected to support multi-institutional consortium grant submissions with representation by the strongest sports medicine and orthopaedic institutions and research laboratories in the civilian and military sectors. Specific collaborations with the University of Pittsburgh will leverage previous relationships between faculty and students of the NMRL and WHPRC as one of the premier research centers in the country. However, few will have the comprehensive capabilities of the University of Kentucky and as such the SMRI will be positioned to be a global leader in sports medicine and orthopaedic research. External collaborators are outlined in Appendix 2.

The multidisciplinary faculty of the proposed SMRI has long been recognized within the national and international scientific communities. With an expanded research agenda and significant research capabilities, the proposed SMRI will fully integrate the faculty and clinical personnel of the University of Kentucky. The faculty infrastructure of the proposed SMRI will strengthen individual research through a multidisciplinary enterprise and encourage collaborative efforts between faculty and clinicians of the represented disciplines.

The proposed SMRI will increase the competitive advantage of grant applications submitted by the University of Kentucky. This may also broaden the availability of funding opportunities through multidisciplinary collaborative efforts. Furthermore, the integration of basic and applied researchers and clinicians will demonstrate the translational importance of the research across these disciplines.

Prior to joining the University of Kentucky, this research team had established a research agenda within the Department of Defense and US Special Forces community that was unmatched. No other academic or non-academic institution had/has created a sustained research effort that lasted more than a couple years let alone over a decade. A strong multidisciplinary research team was assembled to support the direction of the research with US Special Forces and bring dynamic change to its human performance programming. Specifically, this team managed eight research laboratories across various military installations in what is unprecedented for both location and reach within the Department of Defense.

With the transition to the University of Kentucky, the associate faculty will continue to conduct research testing of Special Forces at Camp Lejeune, NC (Marine Corps Forces Special Operations Command) and Fort Bragg, NC (US Army Special Operations Command) while developing models at the proposed SMRI to address specific injury prevention and performance,
nutritional, neurocognitive, and rehabilitation needs of Marine Corps Forces Special Operations Command. The faculty of the proposed SMRI will also expand its previously developed research to test new models specific to injury prevention, occupational health and safety, performance, musculoskeletal health (treatment/rehabilitation), metabolic health and nutrition, and neurocognitive/mild traumatic brain injury needs of those who are physically active, including, commonwealth citizens, high school and university athletes, tactical athletes, and those suffering from orthopaedic-related injuries.

CHS is currently working in collaboration with the Jockey’s Guild, Inc, the Jockey Club, and College of Agriculture, Food, and Environment to promote and investigate factors related to the safety, and health and human performance in horse racing. The goal is to identify factors, discover, and develop effective interventions to protect these athletes while striving to reduce liability and costs for racetracks, owners and horsemen. To be conducted at the SMRI, this research collaboration accomplishes this by providing support to promote scientifically based and clinically relevant research related to the effectiveness, and development of state-of-the art and innovative methodologies to increase performance, health, and safety of our athletes. This will be the first study of its kind to evaluate such critical safety, health, and human performance needs of jockeys in a Commonwealth known as the thoroughbred capital of the world.

In summary, facilities similar in structure or function to the proposed SMRI are limited domestically and internationally. The proposed SMRI will contribute significantly to the research portfolio of the University of Kentucky and UK HealthCare. The SMRI will garner national and international recognition from the professional organizations represented by this collaborative effort.

## Key Personnel

Scott Lephart, PhD is Professor and Dean in the College of Health Sciences and Associate Faculty and Advisor Board of the proposed SMRI. Dr. Lephart has more than 30 years of experience in neuromuscular and biomechanical analysis associated with musculoskeletal injury, surgery, rehabilitation, and prevention. His research has resulted in more than 125 published papers and more than 250 national and international presentations. He has been invited to deliver 20 keynote lectures at professional events round the world. Dr. Lephart previously founded the Neuromuscular Research Laboratory and Warrior Human Performance Research Center at the University of Pittsburgh and was the Director for nearly 30 years. As Director, Dr. Lephart managed over $\$ 40 \mathrm{M}$ in funded research for eight research laboratories over the last decade. Dr. Lephart will work in conjunction with the SMRI Director to provide budgetary oversight with the business office and Office of Research at CHS. This will include management of internal and external subawards and overall research activities. He will also facilitate intellectual property development amongst the faculty and work directly with respective intellectual property representatives. As the Dean of CHS at the University of Kentucky, Dr. Lephart will ensure the Director and his research team have the resources necessary to carry out the objectives of the SMRI. He will ensure the research group will be provided with the requisite infrastructure (administrative, regulatory, fiscal) to successfully meet the aims of the SMRI.

John Abt, PhD, ATC, FACSM is Associate Professor in the College of Health Sciences and Associate Faculty and Advisory Board of the proposed SMRI. Dr. Abt's clinical expertise is as a certified athletic trainer and is trained in kinematic and electromyographic analysis of human movement, and the physiological aspects of human performance. As the Associate Director of the Neuromuscular Research Laboratory/Warrior Human Performance Research Center, Dr. Abt has served as an investigator (PI and Co-I) on Department of Defense-funded research for the past 15 years and provided direct oversight to multi-institution clinical research and clinical trials (Conventional and Special Forces) located on military installations. Dr. Abt has been responsible for coordinating the construction/renovation of the laboratory, equipment procurement, installation, testing, and piloting. Dr.Abt was responsible for providing financial and administrative management of these projects. He has managed personnel recruitment for eight research centers at US DOD funded Special Forces installations across the country. His other research interests include the application of injury prevention models in various occupation populations and evaluation of recovery protocols to minimize injury risk.

Nick Heebner, PhD, ATC is an Assistant Professor in the College of Health Sciences and Associate Faculty of the proposed SMRI. Dr. Heebner has clinical expertise in sports care and rehabilitation as a licensed athletic trainer and is trained in biomechanical and electromyographic analysis of human movement. He has extensive research experience in examining neuromuscular and biomechanical factors linked to musculoskeletal injury in athletes and military personnel. His current research investigates injury prevention and performance enhancement in Special Operations Forces. Dr. Heebner's previous work has focused on lower extremity injury and biomechanical risk factors for anterior cruciate ligament injury. His other research interests include the application of injury prevention models in various occupation populations and the use of portable/wearable technology for injury prevention and rehabilitation in compensative and recreational athletes.
W. Scott Black, MD, MS is an Associate Professor in the College of Health Sciences, Director of the Physician Assistant Studies Program, and a Team Physician for the University of Kentucky. He is Associate Faculty and Advisory Board of the proposed SMRI. Dr. Black has clinical expertise in sports medicine and exercise physiology and has significant experience working with endurance athletes. Dr. Black will assist the leadership of the proposed SMRI to plan, monitor, and review research and clinical protocols.

Darren Johnson, MD is Associate Faculty and Advisory Board of the proposed SMRI. Dr. Johnson will assist the leadership of the proposed SMRI to plan, monitor, and review research and clinical protocols. Dr. Johnson is Professor and Chair of the Department of Orthopaedic Surgery and Sports Medicine at University of Kentucky. He also serves as a team physician for University of Kentucky Athletics. Dr. Johnson’s clinical interests and specialties include arthroscopy, knee and shoulder reconstruction, and sports medicine.

Christian Lattermann, MD is Associate Faculty and Advisory Board of the proposed SMRI. Dr. Lattermann currently serves as the Director of the UK Center for Cartilage Repair and Restoration and holds a faculty rank of Associate Professor of Orthopaedic Surgery in the Department of Orthopaedic Surgery and Sports Medicine. Additionally, Dr. Lattermann serves as the Vice Chairman of Orthopaedic Research in the UK College of Medicine. Dr. Lattermann will
be a key collaborator on research projects and funding proposals within UK Orthopaedics and Sports Medicine. His main research interests surround the prevention and treatment of early osteoarthritis due to athletic injuries.

Brian Noehren PT, PhD, FACSM is Associate Faculty and Advisory Board of the proposed SMRI. Dr. Noehren is an Associate Professor in physical therapy at the University of Kentucky. Dr. Noehren's experience in biomechanics, orthopedics and physical therapy will allow him to provide leadership to proposed projects. Additionally, he will provide guidance and advice for the conduct of research directed by the proposed SMRI.

Meaghan Beck, MPA is a staff at the College of Health Sciences. Ms. Beck coordinates and manages activities associated with research, including activities related to human subject protection, budgets, and reporting. She is also responsible for strategic initiatives including external relations, organizational capacity building, leveraging technology, research fiscal management, human resources, and other special projects that will create transformative change. Ms. Beck has served as a Research Administrative Coordinator on Department of Defensefunded research for the past four years. During this time, she was responsible for conducting Institutional Review Board audits and ensure compliance with IRB policies; managing public relations activities including website, social media, and local and national press; assisting with grant applications for Department of Defense; coordinating human resources procedures; and overseeing daily operations of a sports medicine research laboratory. Ms. Beck recently completed her master's degree in Public Administration, with a concentration in Public and Nonprofit Management. She has also completed two certificate programs from the Society of Research Administrators International.

A full registry of associate faculty is listed in Appendix 3.

## Timeline

The proposed SMRI will be located within the E.J. Nutter Football Training facility. Available space was identified in fall of 2015 resulting from the collaboration between the College of Health Sciences, College of Medicine, UK HealthCare, and UK Athletics Department. Final structural and funding approvals were obtained from the Board of Trustees in December 2015. Renovation of the E.J. Nutter Football Training Facility is scheduled to begin April 2016 with initial occupancy anticipated for summer 2016.

## Financial Health

The faculty of the proposed SMRI has previously secured funding from the Department of Defense, National Institutes of Health, Centers for Disease Control and Prevention, NFL Charities, and other foundations. This past decade, the associate faculty who joined Dr. Lephart at the University of Kentucky has been awarded over \$40M in funding from the Department of Defense to support our elite military human assets in their quest to protect our national security. This same faculty is currently funded for $\$ 4.7 \mathrm{M}$ from the Office of Naval Research and US Army Medical Research and Materiel Command to continue the investigators’ ongoing research with US Marine Corps Forces Special Operations Command and US Army Special Operations Command. Funding for these projects is effective through the end of CY2018. Currently the

SMRI has over \$20M in grant proposals in review with the Department of Defense and Centers for Disease Control and Prevention.

Institutional support has been secured to provide facility renovation and instrumentation to create the proposed SMRI and annually for personnel, operations, and research incentive. This support will establish initial operations of the proposed SMRI and represents a five-year commitment for it to become independently solvent.

Grant Funding

- Marine Corps Forces Special Operations Command- \$4.2M
- US Army Special Operations Command- \$500K

Institutional Funding (UK HealthCare, Office of the Vice President of Research, Office of the Provost, Athletics Department)

- Space Renovation: $\$ 600 \mathrm{~K}$
- Equipment: $\$ 750 \mathrm{~K}$
- Research Personnel (costs not supported by sponsored research): \$745K
- Operational Costs: Annual \$450K for five years from Research Incentive Fund and Estimated Net F\&A (VBBM projections)


## Appendices

1. Organizational Structure
2. External Collaborators
3. SMRI Faculty

## Letters of Support

1. Michael Karpf, MD- Executive Vice President Health Affairs
2. Lisa Cassis, PhD- Vice President for Research
3. Deans
a. Donna Arnett, PhD, MSPH- College of Public Health
b. Nancy Cox, PhD- College of Agriculture, Food and Environment
c. Robert DiPaola, MD- College of Medicine
d. Janie Heath, PhD, APRN-BC, FAAN- College of Nursing
e. Mary John O'Hair, EdD- College of Education
f. John Walz, PhD- College of Engineering
4. Department Chairs
a. Sandra Bastin, PhD, RD, LD, CCE, Department of Dietetics and Human Nutrition
b. Tyrone Borders, PhD- Department of Health Management and Policy
c. Don M. Gash, PhD- Department of Anatomy and Neurobiology
d. Larry B. Goldstein, MD- Department of Neurology
e. David W. Horohov, PhD- Department of Veterinary Science
f. Ben Johnson, EdD- Department of Kinesiology and Health Promotion
g. Darren Johnson, MD- Department of Orthopaedic Surgery and Sports Medicine
h. Janice Kuperstein, PhD, PT- Department of Rehabilitation Sciences
i. Terry Lennie, PhD, RN, FAAN- Associate Dean of Graduate Faculty Affairs Nursing
j. Susan M. McDowell, MD- Department of Physical Medicine and Rehabilitation
k. David J. Moliterno, MD- Department of Internal Medicine
l. Phyllis Nash, MSW, EdD, LCSW- Department of Clinical Sciences
m. Abhijit R. Patwardhan, PhD- Department of Biomedical Engineering
n. Wayne Sanderson, PhD, MS- Department of Epidemiology
5. Linda Van Eldik, PhD- Director, Sanders-Brown Center on Aging and Alzheimer’s Disease Center
6. James Geddes, PhD- Director, Spinal Cord and Brain Injury Research Center
7. Christian Lattermann, MD- Vice Chair, Orthopaedic Research/Director, Center for Cartilage Repair and Restoration
8. Charlotte Peterson, PhD- Associate Dean for Research, College of Health Sciences
9. Sharon Stewart, EdD, CCC-SLP, FASAHP, FASHA- College of Health Sciences, Associate Dean for Academic and Faculty Affairs
10. Faculty Councils
a. College of Agriculture, Food and Environment
b. College of Education
c. College of Engineering
d. College of Health Sciences
e. College of Medicine
f. College of Nursing
g. College of Public Health
11. Associate Faculty (Appendix 3- SMRI Faculty)

## Appendix 1- Organizational Structure



Appendix 2: External Collaborators


| Faculty | Affiliation | Expertise | Status |
| :--- | :--- | :--- | :--- |
| Mark Abel, PhD | College of Education, Department <br> of Kinesiology and Health <br> Promotion | Exercise physiology |  |
| Jose Abisambra, PhD | College of Medicine, Department of <br> Physiology, Sanders-Brown Center <br> on Aging | Protein response and traumatic <br> brain injury | Associate Faculty |
| John Abt, PhD, ATC, <br> FACSM | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training, Sports Medicine Research <br> Institute | Sports medicine and <br> musculoskeletal injury <br> prevention | Advisory Board <br> Associate Faculty |
| Babak Bazrgari, PhD | College of Engineering, Department <br> of Biomedical Engineering | Biomechanics, finite element <br> modeling | Associate Faculty |
| Meaghan Beck, MPA | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training, Sports Medicine Research <br> Institute | Research administration and <br> coordination | Advisory Board <br> Staff |
| W. Scott Black, MD, MS | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Physician <br> Assistant Studies (Director), Sports <br> Medicine Research Institute | Sports medicine and exercise <br> science | Advisory Board <br> Associate Faculty |
| Ming-Yuan Chih, PhD, <br> MHA | College of Health Sciences, <br> Department of Clinical Sciences, <br> Division of Human Health Sciences | Health systems engineering and <br> information and communication <br> technology to improve patient <br> care | Associate Faculty |
| Timothy Butterfield, PhD, | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training | Muscle mechanics, muscle <br> physiology, and biomechanics | Associate Faculty |
| ATC | College of Education, Department <br> of Kinesiology and Health <br> Promotion, Body Composition Core <br> Laboratory (Director) | Body composition, and exercise <br> physiology | Associate Faculty |

[^0]| Faculty | Affiliation | Expertise | Status |
| :--- | :--- | :--- | :--- |
| Stephen Duncan, MD | College of Medicine, Department <br> of Orthopaedic Surgery and Sports <br> Medicine, Center for Hip <br> Preservation (Director) | Orthopaedic surgery, sports <br> medicine, hip preservation and <br> arthroplasty | Associate Faculty |
| Esther Dupont- <br> Versteegden, PhD | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Physical <br> Therapy, Center for Muscle <br> Biology | Molecular physiology | Associate Faculty |
| James Geddes, PhD | College of Medicine (Associate <br> Dean for Research), Department of <br> Anatomy and Neurobiology, Spinal <br> Cord and Brain Injury Research <br> Center (Director) | Neurobiology and traumatic <br> brain injury | Associate Faculty |
| Phillip Gribble, PhD, | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training | Prevention and rehabilitation of <br> injury | Associate Faculty |
| ATC, FNATA |  |  |  |

*Not inclusive of all investigators

| Faculty | Affiliation | Expertise | Status |
| :--- | :--- | :--- | :--- |
| Cale Jacobs, PhD, ATC | College of Medicine, Department <br> of Orthopaedic Surgery and Sports <br> Medicine | Biomechanics and exercise <br> science | Associate Faculty |
| Ben Johnson, EdD | College of Education, Department <br> of Kinesiology and Health <br> Promotion (Chair) | Biomechanics and exercise <br> science | Associate Faculty |
| Darren Johnson, MD | College of Medicine, Department <br> of Orthopaedic Surgery and Sports <br> Medicine (Chair), Sports Medicine <br> Research Institute | Orthopaedic surgery and sports <br> medicine, and UK football team <br> physician | Advisory Board <br> Associate Faculty |
| Nathan Johnson, PT, <br> DPT, PhD | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Physical <br> Therapy | Rehabilitation, neurobiology, <br> and imaging | Associate Faculty |
| Patrick Kitzman, PhD, <br> MSPT | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Physical <br> Therapy, Kentucky Appalachian <br> Rural Rehabilitation Network <br> (Director) | Neurological impairments, <br> spinal cord injury | Associate Faculty |
| Christian Lattermann, | College of Medicine, Department <br> of Orthopaedics and Sports <br> Medicine, Center for Cartilage <br> Repair and Restoration (Director), <br> Sports Medicine Research Institute | Orthopaedic surgery, articular <br> cartilage repair and restoration | Advisory Board <br> Associate Faculty |
| MD | Scott Lephart, PhD | College of Health Sciences (Dean) | Sports medicine and <br> musculoskeletal injury <br> prevention |
| Phmes MacLeod, VMD, <br> PhD | College of Agriculture, Food and <br> Environment, Department of <br> Veterinary Science, Equine Sports <br> Science Initiative (Director) | Equine musculoskeletal sciences | Associate Faculty |
| Jimadaleno, MS, ATC | Athletics Department (Director of <br> Sports Medicine/Head Athletic <br> Trainer) | Athletic training and sports <br> medicine | Associate |
| Associate Faculty |  |  |  |

*Not inclusive of all investigators

| Faculty | Affiliation | Expertise | Status |
| :--- | :--- | :--- | :--- |
| Scott Mair, MD | College of Medicine, Department <br> of Orthopaedic Surgery and Sports <br> Medicine | Orthopaedic surgery, sports <br> medicine, and UK men’s <br> basketball team physician | Associate Faculty |
| Carl Mattacola, PhD, <br> ATC, FNATA | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training | Sports medicine and <br> rehabilitation | Associate Faculty |
| Glen Mays, PhD, MPH | College of Public Health, <br> Department of Health <br> Management and Policy | Health care economics and <br> policy | Associate Faculty |
| Susan McDowell, MD | College of Medicine, Department <br> of Physical Medicine and <br> Rehabilitation (Chair) | Rehabilitation, spinal cord <br> injury, and spasticity <br> management | Associate Faculty |
| Eric Moghadamian, MD | College of Medicine, Department <br> of Orthopaedics and Sports <br> Medicine | Orthopaedic trauma surgery | Associate Faculty |
| Peter Morris, MD | College of Medicine, Department <br> of Internal Medicine, Division of <br> Pulmonary, Critical Care, Sleep <br> Medicine (Chief) | Pulmonary rehabilitation and <br> critical care | Associate Faculty |
| Kathy Poploski, PT, DPT | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training, Sports Medicine Research <br> Institute | Physical therapy | Associate Faculty |
| Brian Noehren, PT, PhD, | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Physical <br> Therapy, BioMotion Laboratory <br> (Director) | Rehabilitation and biomechanics | Advisory Board <br> Associate Faculty |
| DACSM | College of Nursing <br> PhD, RN, FAAOHN, <br> FAAN | College of Health Sciences <br> (Associate Dean for Research), <br> Center for Muscle Biology <br> (Director) | Cellular and molecular biology <br> of skeletal muscle |
| Associate Faculty |  |  |  |


| Faculty | Affiliation | Expertise | Status |
| :--- | :--- | :--- | :--- |
| Scott Royer, MS, HFS | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training, Sports Medicine Research <br> Institute | Exercise science and <br> performance | Associate Faculty |
| Wayne Sanderson, PhD, <br> MS | College of Public Health, <br> Department of Epidemiology <br> (Chair) | Epidemiology and occupational <br> health and safety | Associate Faculty |
| Robert Shapiro, PhD, <br> FACSM | College of Education, Department <br> of Kinesiology and Health <br> Promotion | Biomechanics | Associate Faculty |
| D. Travis Thomas, PhD, <br> RD, CSSD | College of Health Sciences, <br> Department of Clinical Sciences, <br> Division of Clinical Nutrition | Nutritional interventions in <br> patient and athletic populations | Associate Faculty |
| Timothy Uhl, PhD, ATC, <br> PT, FNATA | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training, Musculoskeletal <br> Laboratory (Director) | Clinical assessment and <br> interventions | Associate Faculty |
| Kelly Webber, PhD, <br> MPH, RD, LD | College of Agriculture, Food and <br> Environment, Department of <br> Dietetics and Human Nutrition | Nutrition | Associate Faculty |
| Joshua Winters, PhD, <br> CSCS | College of Health Sciences, <br> Department of Rehabilitation <br> Sciences, Division of Athletic <br> Training, Sports Medicine <br> Research Institute | Biomechanics and exercise <br> science | Associate Faculty |

## UKHealthCare.

March 25, 2016
Dr. Lephart:
This letter is to demonstrate institutional support in creating the Sports Medicine Research Institute (SMRI), an endorsed collaboration between UK HealthCare, UK Department of Athletics, the College of Medicine, and the College of Health Sciences. Having gained national and international recognition for your study of sports medicine and orthopaedic research at the Neuromuscular Research Laboratory and Warrior Human Performance Research Center at the University of Pittsburgh, I am confident the vision and operations of the SMRI will garner such acknowledgement for the University of Kentucky.

The University of Kentucky has demonstrated significant independent strengths in basic and applied research, clinical programming, and education, across multiple Colleges, research centers/laboratories, clinical practices, and academic programs. By leveraging the faculty expertise of its researchers and clinicians, facilities, and resources, the SMRI is positioned to become a global leader in sports medicine and orthopaedic research.

The research conducted by the SMRI will have far reaching implications. This research will impact commonwealth constituents, high school and university athletes, tactical athletes, and those suffering from musculoskeletal injuries consistent with UK HealthCare clinical service lines.

In my capacity as the Executive Vice President of Health Affairs of UK HealthCare, I strongly endorse the creation of the SMRI and will provide the support necessary to ensure its growth to meet its stated objectives.

Sincerely,


Michael Karpf, MD
Executive Vice President for Health Affairs
UK HealthCare


Office of the Vice President for Research
311 Main Building Lexington, KY 40506-0032 (859) 257-5294

Fax: (859) 323-2800
www.research.uky.edu

March 30, 2016
Dr. Lephart:
As Vice President for Research at the University of Kentucky, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the clinical practice and research ongoing within our University. The SMRI provides a unique and comprehensive environment for applied and translational research. The establishment of the SMRI will only strengthen our competitiveness for sponsored research opportunities.

Being closely aligned in name with the Department of Orthopedic Surgery and Sports Medicine, I agree with the naming of the SMRI and proposed activities.

It is without reservation that I support its creation.
Sincerely,


Lisa Cassis, PhD
Vice President for Reseearch
Professor, Department of Pharmacology and Nutritional Sciences
Unviersity of Kentucky

March 30, 2016

College of Public Health
Office of the Dean
111 Washington Avenue, Suite 212
Lexington, KY 40536-0003
859 218-3795
fax 859 323-5698
www.uky.edu/publichealth

Scott M. Lephart, PhD
Dean and Professor
University of Kentucky College of Health Services
Endowed Chair of Orthopaedic Research
123 Charles T. Wethington, Jr. Building
Lexington, KY 40536-0200
Dear Dr. Lephart,
As Dean of the College of Public Health, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the clinical practice and research ongoing within our College. The SMRI provides a unique and comprehensive environment for applied and translational research. Many of our faculty are currently collaborating with the College of Health Sciences and the faculty of the SMRI and this will only strengthen our competitiveness for sponsored research opportunities.

Being closely aligned in name with the Department of Orthopaedic Surgery and Sports Medicine, I agree with the naming of the SMRI and proposed activities. Additionally, I support my faculty to participate in sponsored research.

Sincerely,
Now r K. Arete
Donna K. Arnett, Ph.D. Dean
College of Public Health

College of Agriculture, Food and Environment Office of the Dean S123 Ag. Science Building - North Lexington, KY 40546-0091 859 257-4772

March 25, 2016
Dr. Lephart:
As Dean of the College of Agriculture, Food and Environment, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with research ongoing within our College. The SMRI provides a unique and comprehensive environment for applied and translational research. Many of our faculty are currently collaborating with the College of Health Sciences and the faculty of the SMRI and this will only strengthen our competitiveness for sponsored research opportunities.

Being closely aligned in name with the Department of Orthopaedic Surgery and Sports Medicine, I agree with the naming of the SMRI and proposed activities. I support my faculty to participate in sponsored research.

Sincerely,
Nancy M. Cox

Nancy Cox, Ph.D.
Dean
College of Agriculture, Food and Environment

April 13, 2016
Scott Lephart, PhD
Dean, College of Health Sciences
University of Kentucky
900 Rose Street
123 Wethington Building
Lexington, KY 40536-0200
Dear Dr. Lephart:

As Dean of the College of Medicine, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the clinical practice and research ongoing within our College. The SMRI provides a unique and comprehensive environment for applied and translational research. Many of our faculty are currently collaborating with the College of Health Sciences and the faculty of the SMRI and this will only strengthen our competitiveness for sponsored research opportunities.

Being closely aligned in name with the Department of Orthopaedic Surgery and Sports Medicine, I agree with the naming of the SMRI and proposed activities. I support my faculty to participate in sponsored research.

Sincerely,


Robert S. DiPaola, MD
Dean, College of Medicine
University of Kentucky

RSD/fm


March 28, 2016

Scott Lephart PhD
Dean, College of Health Sciences
University of Kentucky
Lexington, KY 40536

Dr. Lephart:

As Dean of the College of Nursing, it is with great enthusiasm to strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the clinical practice and research ongoing within our College. The SMRI provides a unique and comprehensive environment for applied and translational research. Many of our faculty are currently collaborating with the College of Health Sciences and the faculty of the SMRI and this will only strengthen our competitiveness for sponsored research opportunities.

Being closely aligned in name with the Department of Orthopaedic Surgery and Sports Medicine, I agree with the naming of the SMRI and proposed activities. I support my faculty to participate in sponsored research.

Sincerely,


[^1]
# UK <br> UNIVERSITY OF KENTUCKY 

College of Education
Office of the Dean
103 Dickey Hall
Lexington, KY 40506-0017
859 257-2813
fax 859 323-1046
www.education.uky.edu

Dean of College of Health Sciences
900 South Limestone
CAMPUS 0200

## Dear Dr. Lephart:

The College of Education and its Department of Kinesiology and Health Promotion (KHP) enthusiastically supports the creation of the University of Kentucky Sports Medicine Research Institute. As you know, our KHP Department (formerly Physical Education) was the home of Dr. Ernst Jokl, a founder of the American College of Sports Medicine, the largest Sports Medicine organization in the world, and an international leader in the field of Sports Medicine. Alumni Gym housed his laboratory, where he conducted ground breaking sports medicine research, until his retirement in 1976. For the past 30 years, faculty from KHP, Health Sciences and Biomedical Engineering conducted sports medicine related research in the collaborative Biodynamics Laboratory, which recently moved from Wenner Gren Laboratory to a newly remodeled facility in MDS. This new facility, supporting faculty from KHP, Health Sciences and Biomedical Engineering, has been renamed the Human Performance Laboratories and is co-directed by Charlotte Peterson (Health Sciences) and Robert Shapiro (KHP). The institute you have proposed continues this long history of involvement in sports medicine research by the College of Education and KHP. The proposal describes an exciting collaborative institute that will build on the already strong relationships that exist in this area between KHP and Health Sciences. We see excellent potential for both faculty and students to become involved in state of the art research that will incorporate our existing outstanding laboratory capabilities with this new laboratory facility. We look forward to the development of this institute and the opportunities it will provide the university community as we continue in Dr. Jokl's tradition as world leaders in the field of sports medicine.

Sincerely,

## Mary Gomn Ottar

Mary John O'Hair
Dean and Professor

## UK

## UN I VERSITYOF <br> KENTUCKY

Office of the Dean
College of Engineering 351 Ralph G. Anderson Building Lexington, KY 40506-0503 859 257-1687 Fax 859 257-5727
www.engr.uky.edu

Dr. Scott Lephart<br>Dean, College of Health Science<br>900 South Limestone Street<br>Lexington, KY 40536-0200

Dear Dr. Lephart:
As Dean of the College of Engineering, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with research ongoing within our College. The SMRI provides a unique and comprehensive environment for applied and translational research. Many of our faculty are currently collaborating with the College of Health Sciences and the faculty of the SMRI and establishing this institute will only strengthen our competitiveness for sponsored research opportunities.

Being closely aligned in name with the Department of Orthopaedic Surgery and Sports Medicine, I agree with the naming of the SMRI and proposed activities. I will support my faculty to participate in sponsored research.

Sincerely,


John Walz, Ph.D.
Dean
College of Engineering

## see blue.

An Equal Opportunity University

College of Agriculture, Food and Environment
Department of Dietetics and Human Nutrition
203A Funkhouser Building
Lexington, KY 40506
859-257-3800
Fax 859-257-3707

## To: Dean Lephart

From: Dr. Sandra Bastin, Chair
Sandre $V$ Bastion $P h D, R D, L D, C C E$
Date: April 7, 2016
Re: Sports Medicine Research Institute Endorsement

Since nutrition is an integral part of the mission of the Sports Medicine Research Institute (SMRI), the Department of Dietetics and Human Nutrition (DHN) endorses its establishment at the University of Kentucky. DHN faculty look forward to collaborating in the translational research SMRI will afford.

March 31, 2016
Dr. Lephart:
As Chair of the Health Management and Policy department, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research within our department. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I support my faculty collaborating with the SMRI to grow meaningful sponsored translational research.

Sincerely,


Tyrone F. Borders, PhD
Chair
Department of Health Management and Policy

MN 225 Medical Sciences
Lexington, KY 40536-0298
859 257-5036
fax 859 257-5946
05 April 2016
www.uky.edu
Scott M. Lephart, PhD
Dean and Professor
College of Health Sciences
Endowed Chair of Orthopaedic Research
900 South Limestone Street 40536-0200
Dr. Lephart:
As Chair of the Department of Anatomy and Neurobiology, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research within our department. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I support my faculty, namely Dr. James Geddes, collaborating with the SMRI to grow meaningful sponsored translational research.

Please feel free to contact me with any questions you may have.

## Thank you,



Don M. Gash, PhD
Alumni Endowed Chair
Professor and Chair

College of Medicine
Department of Neurology

March 31, 2016

Scott M. Lephart, PhD
Dean and Professor
College of Health Sciences
Endowed Chair of Orthopedic Research

Dear Dr. Lephart:

As Chairman of the Department of Neurology, I am happy to endorse establishing the Sports Medicine Research Institute (SMRI).

One focus of the SMRI will be sports-related concussive head injury, a problem that aligns with both clinical work and ongoing research within our department. The SMRI will enhance the development of a framework to build collaborations between our programs, a goal I fully encourage.

We look forward to working with you and your colleagues to help develop meaningful, extramural sponsored translational research aimed at improving the cognitive and neurobehavioral outcomes of patients with traumatic brain injury. I am pleased to support Dr. Han's work with your group.

Sincerely,


Larry B. Goldstein. MD, FAAN, FANA, FAHA
Ruth L. Works Professor and Chairman
Co-Director, Kentucky Neuroscience Institute

April 11, 2016

Dr. Scott N. Lephart
Dean and Professor
College of Health Science
University of Kentucky
123 Charles T. Wethington Jr. Building
Lexington, KY 40536-0200
Dear Dean Lephart,
As Chair of the Department of Veterinary Science and Director of the Gluck Equine Research Center, I strongly support the establishment of the Sports Medicine Research Institute (SMRI). The mission of the SMRI closely aligns with the ongoing research of Dr. James MacLeod and other laboratories within this department. As such, SMRI would provide a unique and comprehensive environment for sports medicine and orthopedic research at this university. I am happy to support my faculty collaborating with the SMRI to grow meaningful sponsored translational research. I am particularly excited about the potential benefits that may also be realized by the performance equine industries in this state and globally..

Please let me know if I can be of further assistance,


Dr David W. Horohov
Chair, Department of Veterinary Science
Director, Maxwell H. Gluck Equine Research Center
Jes E. and Clementine M. Schlaikjer Endowed Chair \& Professor

March 31, 2016
Dr. Lephart:
As Chair of Kinesiology and Health Promotion, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research within our department. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I support my faculty collaborating with the SMRI to grow meaningful sponsored translational research.


Ben Johnso EdD
Professor and Chair
Department of Kinesiology and Health Promotion

## UKHealthCare.

March 25, 2016

Scott M. Lephart, PhD
Dean and Professor
University of Kentucky College of Health Sciences
123 Charles T. Wethington, Jr., Building
Dr. Lephart:
As Chairman of Orthopaedic Surgery and Sports Medicine, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the clinical practice and research ongoing within our department. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. Many of our faculty are currently collaborating on sponsored research with the College of Health Sciences and the faculty of the SMRI.

I am privileged to be the Co-Medical Director of the SMRI and a member of its advisory board. In these positions, I will ensure continued collaborations with the Department of Orthopaedic Surgery and Sports Medicine as the SMRI will only strengthen our opportunities for applied and translational sponsored research.

I support my faculty to participate in research activities that will foster significant growth in sponsored research in sports medicine and orthopaedics.

Sincerely,


Darren L. Johnson, MD
Chairman
Department of Orthopaedic Surgery and Sports Medicine University of Kentucky School of Medicine

Scott Lephart, PhD
Dean, College of Health Sciences

Dear Dr. Lephart:
As Chair of the Department of Rehabilitation Sciences, I strongly endorse establishing the Sports Medicine Research Institute (SMRI) as described in the proposal this letter accompanies. The mission of the SMRI aligns closely with the clinical practice and research ongoing within our College; particularly within my Department, which includes Athletic Training, Physical Therapy and the interprofessional Rehabilitation Sciences PhD program, in addition to Communication Sciences and Disorders. The SMRI provides a unique and comprehensive environment for applied and translational research which will benefit our faculty and our students at all levels. I am confident that the establishment of the SMRI will strengthen our competitiveness for sponsored research opportunities.

Given its close alignment with the Department of Orthopaedic Surgery and Sports Medicine, I agree with the naming of the SMRI and the proposed activities. It is an exciting opportunity for catalyzing critically important interprofessional work that will contribute to achieving the UK mission of "improving people's lives through excellence in education, research and creative work, service and health care."

Sincerely,


College of Nursing<br>UK Medical Center<br>315 College of Nursing Bldg.<br>Lexington, KY 40536-0232<br>859 323-6533<br>fax 859 323-1057<br>www.mc.uky.edu/nursing

March 31, 2016

Dr. Lephart:
As Associate Dean for Graduate Faculty Affairs, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research within our department. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I support my faculty collaborating with the SMRI to grow meaningful sponsored translational research.

Sincerely,


Terry A. Lennie, PhD, RN, FAAN
Professor and Associate Dean for Graduate Faculty Affairs
College of Nursing
University of Kentucky

## UKHealthCare

## College of Medicine

Department of Physical Medicine and Rehabilitation

March 31, 2016

Scott M. Lephart, PhD
Dean and Professor
University of Kentucky College of Health Sciences
123 Charles T. Wethington, Jr. Building Lexington, KY 40536

Dr. Lephart:
As Chairperson of Physical Medicine and Rehabilitation, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research within our department. The SMRI provides a unique and comprehensive environment for physical medicine and rehabilitation, sports medicine and orthopaedic research. I support my faculty collaborating with the SMRI to grow meaningful sponsored translational research.

Sincerely,


Susan McDowell, MD
Janet Galloway Carter Endowed Chairperson
Associate Professor
Physical Medicine and Rehabilitation
University of Kentucky

# UK. <br> UNIVERSITY OF KENTUCKY* 

College of Medicine
Office of the Chairman
900 South Limestone
329 Wethington Building
Lexington, KY 40536-0200
859 323-5843
fax 859 257-3537
www.uky.edu

Scott M. Lephart, Ph.D.

900 S. Limestone
Room 123 Charles T. Wethington, Jr. Building
Lexington, KY 40536-0200

Dear Dean Lephart,
As Chair of the Department of Internal Medicine, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research within our department. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I support my faculty collaborating with the SMRI to grow meaningful sponsored translational research.

Sincerely,


Jack M. Gill Professor and Chairman
Department of Internal Medicine

March 30, 2016

Dr. Lephart,

As Interim Chair of the College of Health Sciences, Department of Clinical Science, I am pleased to strongly support the establishment of the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the University's ad College's goals. It will support the clinical practice and ongoing research program of the College. The SMRI will provide a unique and comprehensive environment for applied and translational research. Establishing the SMRI will only strengthen our competitiveness for sponsored research opportunities.

Thank you for all the work you have done to bring the SMRI to this point.
Sincerely,
Peri ge nus

Interim Chair, Department of Clinical Sciences
College of Health Sciences
University of Kentucky

College of Engineering
Dept. of Biomedical Engineering
522 Robotics and Manufacturing Building
143 Graham Avenue
Lexington, KY 40506-0108
April 1, 2016

Scott M. Lephart, Ph.D.
Dean and Professor
College of Health Sciences
Endowed Chair of Orthopaedic Research
Dear Dr. Lephart:
I am happy to endorse establishing the Sports Medicine Research Institute (SMRI) at the University of Kentucky. The mission of the SMRI is closely aligned with the ongoing research of some faculty within our department. The SMRI will provide a unique and comprehensive environment for sports medicine and orthopaedic research. I support faculty from the Department of Biomedical Engineering to collaborate with the SMRI in order to grow meaningful sponsored translational research.

Sincerely,
A.R.Patuarihan

Abhijit Patwardhan
Professor and Interim Chair

April 5, 2016

Scott Lephart, PhD
Dean, College of Health Sciences
Room 123 Wethington Building
900 South Limestone Street
Lexington, Kentucky 40536-0200
Dr. Lephart:
As Chair of the Department of Epidemiology in the College of Public Health, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research and training within our department. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I sure many of our faculty will be eager to collaborate with the SMRI to grow meaningful sponsored translational research.

In particular my interests and the interests of my students overlap greatly with the mission of this Institute. I foresee many areas for future collaboration.

Sincerely,


Wayne T. Sanderson, PhD, CIH
Professor and Chair
Department of Epidemiology
College of Public Health

April 15, 2016
Linda J. Van Eldik, PhD
Director
Sanders-Brown Center on Aging

## 101 Sanders-Brown Building

800 S. Limestone
Lexington, KY 40536-0230
Phone: 859-257-5566
FAX: 859-323-2866
Email: linda.vaneldik@uky.edu www.centeronaging.uky.edu

Dr. Scott Lephart<br>Dean, College of Health Sciences<br>University of Kentucky

## Dear Dr. Lephart:

As Director of the Sanders-Brown Center on Aging, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the ongoing research within our Center. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I support my faculty collaborating with the SMRI to grow meaningful sponsored translational research.

Sincerely,


Linda J. Van Eldik, PhD
Director, Sanders-Brown Center on Aging and Alzheimer's Disease Center
Co-Director, Kentucky Neuroscience Institute
Dr. E. Vernon Smith and Eloise C. Smith Alzheimer's Research Endowed Chair
Professor, Dept Anatomy and Neurobiology
University of Kentucky

March 31, 2016
Scott Lephart, PhD

## Dean, College of Health Sciences

University of Kentucky
CAMPUS

James W. Geddes, Ph.D.
Director, Spinal Cord \& Brain Injury
Research Center (SCoBIRC)
Professor, Anatomy \& Neurobiology B483 BBSRB

741 S. Limestone Street
Lexington, KY 405036-0509
igeddes@uky.edu

Dear Dr. Lephart:
As Director of the Spinal Cord and Brain Injury Research Center, I fully and enthusiastically endorse establishing the Sports Medicine Research Institute (SMRI).
The mission of the SMRI is closely aligned with the ongoing research within our center. The SMRI provides a unique and comprehensive environment for sports medicine and orthopaedic research. I support my faculty collaborating with the SMRI to grow meaningful sponsored translational research.

## Sincerely,



James W. Geddes, PhD
Associate Dean for Research, College of Medicine Director, Spinal Cord and Brain Injury Research Center
Professor, Anatomy and Neurobiology
University of Kentucky

## UKHealthCare.

Sports Medicine<br>University of Kentucky Kentucky Clinic, K401<br>740 South Limestone Lexington, KY 40536-0284 Patient Appts: Kentucky Clinic Phone: 859-323-5533<br>Fax: 859-257-8696 ukhealthcare.uky.edu

Darren L. Johnson, M.D. Professor \& Chairman Team Physician: University of Kentucky Eastern Kentucky University

Scott D. Mair, M.D. Professor Medical Director, Sports Medicine Center Chief of Shoulder Service Team Physician: University of Kentucky Kentucky State University Morehead State University

Christian Lattermann, M.D. Professor
Vice Chair of Research Team Physician: University of Kentucky Director, Center for Cartilage Repair and Restoration Eastern Kentucky University

Robert G. Hosey, M.D. Professor
Primary Care Sports Medicine Team Physician: University of Kentucky

Kentucky State University
Eastern Kentucky University
Kyle Smoot, M.D. Associate Professor
Primary Care Sports Medicine Team Physician: University of Kentucky Eastern Kentucky University

Kimberly Lock, M.D. Assistant Professor
Primary Care Sports Medicine Team Physician: University of Kentucky Eastern Kentucky University

March 25, 2016

## Dr. Lephart:

It is with great enthusiasm that I submit this letter of support for the creation of the Sports Medicine Research Institute (SMRI). As the Vice Chairman of Orthopaedic Research and Director of the Center for Cartilage Repair and Restoration within Orthopaedic Surgery and Sports Medicine, I see significant opportunity for collaboration, at both the personal level and for our department as a whole.

I am currently collaborating with several of your faculty on various current and pending sponsored projects. I believe the SMRI will be a strong conduit to continue these collaborations and develop future research questions/projects in line with the missions of the SMRI and our department. As an associate faculty of the SMRI and a member of its advisory board, I will ensure continued collaborations between the Department of Orthopaedic Surgery and Sports Medicine with opportunities for basic, applied, and clinical research.

The SMRI will be a valuable resource to the growth of sponsored research within Orthopaedic Surgery and Sports Medicine. It is without reservation that I support its creation.

Sincerely,


Christian Lattermann, MD<br>Vice Chairman, Orthopaedic Research<br>Department of Orthopaedic Surgery and Sports Medicine<br>Director - Center for Cartilage Repair and Restoration

## UK

## UNIVERSITY OF KENTUCKY

March 25, 2016
Scott Lephart, Dean
College of Health Sciences
Charlotte A. Peterson, Ph.D. Joseph Hamburg Endowed Professor
Associate Dean for Research
College of Health Sciences
University of Kentucky 900 S. Limestone, CTW 105 Lexington, KY 40536-0200

Dear Scott,
cpete4@uky.edu
(859) 218-0476

As Associate Dean for Research, I strongly endorse establishing the Sports Medicine Research Institute (SMRI). The mission of the SMRI is closely aligned with the clinical practice and research ongoing within our College, and I am honored to serve as an Associate Faulty member in the Institute. The SMRI provides a unique and comprehensive environment for applied and translational research, and nicely compliments the basic research activities of the UK Center for Muscle Biology. The establishment of the SMRI will significantly strengthen affiliated faculty's competitiveness for extramural research funding.

Being closely aligned in name with the Department of Orthopaedic Surgery and Sports Medicine, I agree with the naming of the SMRI and proposed activities.

I look forward to continuing to work with you on this important and exciting undertaking.
Sincerely,


Charlotte Peterson, PhD
Professor
Associate Dean for Research

College of Health Sciences
Office of the Dean
Wethington Building, Rm. 123
Lexington, KY 40506-0200
859 323-1100 ext. 80480
fax 859 323-1058
www.uky.edu/HealthSciences

## MEMORANDUM

TO: University of Kentucky Senate


CHS Associate Dean for Academic and Faculty Affairs

RE: $\quad$ Request for approval of the Sports Medicine Research Institute in the College of Health Sciences

DATE: $\quad$ March 28, 2016

At the suggestion of the Senate Council Office, I have reviewed the proposal for establishing the new Sports Medicine Research Institute within the College of Health Sciences. Specifically, I was asked to indicate whether there is likely to be any negative impact of the Institute on the College's academic programs. Upon review, I can identify no adverse impact on CHS programs; in fact, the Institute is likely to enhance educational, research, and clinical opportunities for our programs and for others at the University.

## MEMORANDUM

TO: UK Senate's Academic Organization and Structure Committee (SAOSC)
FROM: Dr. Lynne Rieske-Kinney, Chair $\mathscr{L R} \not \subset$ CAFE Faculty Council (FC)

DATE: $\quad$ April 14, 2016
RE: CAFE Faculty Council Vote on
The Kentucky Sports Medicine Research Institute (SMRI)
The College of Agriculture, Food and Environment Faculty Council has reviewed the proposal for establishing the new Sports Medicine Research Institute (SMRI) with the College of Health Sciences. Some of our faculty members are currently collaborating with the College of Health Sciences and the faculty of the SMRI. We support this Institute and believe it will help strengthen our competitiveness for sponsored research opportunities.

The 10-member College of Agriculture, Food and Environment Faculty Council voted as follows:

Yes, support the creation of this center 7
No, do not support the creation of this center 2
One member of the FC has abstained, due to not being available at this time.
Thank you.

FROM: Margaret J. Mohr-Schroeder
Faculty Council Chair - College of Education
Re: Faculty Council Endorsement of the Sports Medicine Research Institute (SMRI)

Date: 4/6/2016

The College of Education Faculty Council reviewed the proposal for establishing the new Sports Medicine Research Institute (SMRI) with the College of Health Sciences at our monthly meeting on April 4, 2016. Many of our faculty are currently collaborating with the College of Health Sciences and the faculty of the SMRI. We unanimously voted fully support this Institute and believe it will help strengthen our competitiveness for sponsored research opportunities.

College of Engineering
Office of the Dean
351 Ralph G. Anderson Building
Lexington, KY 40506-0503
859 257-1687
fax 859 257-5727
www.engr.uky.edu

April 11, 2016

Dr. Andrew Hippisley
Chair, University Senate Council
University of Kentucky
Campus

Dear Dr. Hippisley:

Seven of the eight members of the College of Engineering Faculty Advisory Council have voted in favor of the proposal to establish a Sports Medicine Research Institute. The eighth member was unavailable.

On behalf of the Council,
Sincerely yours,


Hans Gesúnd
Council Chair
cc: Dean Walz

College of Health Sciences
Office of the Dean
Wethington Building, Rm. 123
Lexington, KY 40506-0200
859 323-1100 ext. 80480 fax 859 323-1058
www.uky.edu/HealthSciences

## MEMORANDUM

TO: University of Kentucky Senate

FROM: Jane Kleinert
 CHS Faculty Council Chair

Re: CHS Faculty Vote on the Sports Medicine Research Institute (SMRI)
Date: 3/29/2016

The College of Health Sciences Faculty Council conducted an electronic survey and vote of the CHS faculty regarding support for the SMRI proposal. The response period for that review and vote ended at 5:00 yesterday, 3/28/2016.
The results of that electronic survey vote are as follows: 42 votes in support of the proposal and 1 abstention. Response rate was $67 \%$ (43/67). Responses were nearly unanimous in support of the proposal.

UNIVERSITY OF KENTUCKY

> Michael Kilgore, Ph.D. Associate Professor Department of Molecular and Biomedical Pharmacology College of Medicine MS-305 UKMC
> Lexington, KY $40536-0298$ Office: 859.323 .1821 Lab: 859.323.2604 M.Kilgore@uky.edu
> www.mc.uky.edu/pharmacology/

Scott M. Lephart, PhD
Dean and Professor
College of Health Sciences
Endowed Chair of Orthopaedic Research
April 14, 2016
Dear Dr. Lephart,
The Faculty Council has reviewed the proposal to establish a Sports Medicine Research Institute and offer our full support. The SMRI will help bring together expertise and resources from across campus and the College of Medicine should play and integral role in its implementation. We look forward to working with you on this unique and important program.

Sincerely,

Mickal Kilgore
Michael Kilgore, PhD
College of Medicine Faculty Council, Chair
Molecular and Biomedical Pharmacology
University of Kentucky College of Medicine

College of Nursing
UK Medical Center
315 CON Bldg., 751 Rose St
Lexington, KY 40536-0232
859 323-6533
fax 859 323-1057
www.uky.edu/Nursing

April 5, 2016

MEMORANDUM

TO: University of Kentucky Senate

FROM: Dr. Kristin Ashford
Faculty Council Chair- College of Nursing

RE: $\quad$ Faculty Council Endorsement of the Sports Medicine Research Institute (SMRI)

The College of Nursing Faculty Council has reviewed the proposal for establishing the new Sports Medicine Research Institute (SMRI) with the College of Health Sciences. Many of our faculty are currently collaborating with the College of Health Sciences and the faculty of the SMRI. We fully support this Institute and believe it will help strengthen our competitiveness for sponsored research opportunities.

We look forward to this opportunity for multidisciplinary collaboration in this important work.


Kristin Ashford, PhD, WHNP, FAAN
Faculty Council
University of Kentucky College of Nursing
Lexington, KY 40536-0232

Kristin.Asfhord@uky.edu
859-576-4643

$\because$
March 31, 2016

College of Education
Kinesiology and Health Promotion
100 Seaton Building
Lexington, KY 40506-0219
$859257-5826$
fax 859 323-1090
education.uky.edu/KHP

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,
Marksyabil
Mark G. Abel, Ph.D., CSCS*D, TSAC-F*D, USAW
College of Education
Department of Kinesiology \& Health Promotion

UNIVERSITY OF KENTUCKY

April 7, 2016
SANDERS-BROWN CENTER ON AGING
101 Sanders-Brown Building Lexington, KY 40536-0230
Tel: (859) 323-6040
Fax: (859) 323-2866
http://www.uky.edu/coa
Scott M. Lephart, PhD
Dean and Professor
University of Kentucky College of Health Sciences
Endowed Chair of Orthopedic Research

Re: Support for creation of SMRI

Dear Dr. Lephart,
It is with extreme pleasure and enthusiastic support that I write this letter to endorse the creation of the UK Sports Medicine Research Institute. In a recent meeting with you and your team, we recognized important points of collaboration that would mutually benefit our research efforts. In addition, these collaborative efforts in studying concussion/mild TBI answer the fourth focus of "neurocognition" established by SMRI.

I also accept your kind invitation to become non-core associate faculty of SMRI. This denomination will surely help strengthen our collaborative efforts. I look forward to the establishment of the SMRI and am very eager to begin our collaborations.

Please contact me if there is any information I can add.

Sincerely,


Jose F. Abisambra, Ph.D.

Assistant Professor

College of Health Sciences
Wethington Building
Lexington, KY 40506-0200
859-323-1100
www.uky.edu/healthsciences

April 04, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as core associate faculty to the Sports Medicine Research Institute (SMRI) and strongly endorse the creation of SMRI. Having collaborated with you for the last 15 years I see significant opportunity to develop relationships with faculty of the represented Colleges. I believe the SMRI will have an immediate impact on the competitiveness of current and future sponsored projects.

Please do not hesitate to contact me should you have additional questions. I look forward to the work of the SMRI.

Sincerely,


John P. Abt, PhD, ATC
College of Health Sciences
Department of Rehabilitation Sciences

College of Engineering
Department of Biomedical Engineering 514E Robotic and Manufacturing Bldg. Lexington, KY 40506-0108
Tel: 859-257-1379
Email:babak.bazrgari@uky.edu Website: hmbl.engineering.uky.edu

March 31, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely yours,


Babak Bazrgari
Department of Biomedical Engineering
College of Engineering

College of Health Sciences
Wethington Building
Lexington, KY 40506-0200
859-323-1100
www.uky.edu/healthsciences

April 04, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as core associate to the Sports Medicine Research Institute (SMRI) and strongly endorse the creation SMRI. Having collaborated with you for the last 5 years I see significant opportunity to develop relationships with faculty of the represented Colleges. I believe the SMRI will have an immediate impact on the competitiveness of current and future sponsored projects.

Please do not hesitate to contact me should you have additional questions. I look forward to the work of the SMRI.

Sincerely,


Meaghan Beck, MPA
College of Health Sciences
Department of Rehabilitation Sciences

College of Health Sciences
Department of Clinical Studies
Division of Physician Assistant Studies
900 South Limestone
lexington, KY 40536-0200
$859323-1100$
fax 859 257-2454
www, uky, edu/healthsciences/
March 31, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty and my participation to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation of the SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

I encourage you to contact me with any questions or concerns you might have at (859) 218-0857 or wsblac0@uky.edu.

Sincerdy,<br>W. Scott Black, MD<br>Ptogram Director<br>University of Kentucky<br>College of Health Science<br>Department of Physician Assistant Studies

College of Health Sciences

March 31, 2016

Scott M. Lephart, PhD
Dean and Professor
University of Kentucky
College of Health Sciences
123 Charles T. Wethington, Jr. Building
Lexington, KY 40536-0200

Re: Sports Medicine Research Institute invitation

Dear Dean Lephart,

Thank you for inviting me to participate in the Sports Medicine Research Institute (SMRI) as an associate faculty member. I strongly endorse the creation SMRI, and enthusiastically accept your invitation! I see significant opportunities for collaboration on current and future sponsored projects.

Sincerely,



Timothy Butterfield PhD ATC FACSM
College of Health Sciences
Departments of Rehabilitation Sciences and Physiology

March 31, 2016

Scott M. Lephart, PhD
Dean and Professor
College of Health Sciences
Endowed Chair of Orthopaedic Research
University of Kentucky

## College of Health Sciences

Department of Clinical Sciences
Wethington Building, Room 209
Lexington, KY 40536-0200 859 323-1100 Ext. 8-0482 Fax 859 257-2454
www.mc.uky.edu/healthsciences

Dear Dr. Lephart,

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. In a recent collaboration with you in the submitted grant, entitled "Orthopaedic Care and Rehabilitation Consortium Award", I see significant opportunity for collaboration on current and future sponsored projects. In SMRI, I will provide my expertise in systems engineering, health communication, information technologies, and human factors to support the mission of SMRI in improving the health and wellness of the citizens in the Commonwealth across the age and physical activity spectrums.

Thank you again for the opportunity to support you in the founding of SMRI. I look forward to working with you in this effort.

Sincerely,


College of Education
Kinesiology and Health Promotion 100 Seato Building
Lexington, KY 40506-0219
859 257-5826
fax 859 323-1090
education.uky.edu/KHP

March 31, 2016

Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI and believe it will greatly enhance the available current and future resources and collaborative opportunities for both faculty and students at the University of Kentucky. I commend you on your efforts to develop and look forward contributing to the success of the SMRI.

Sincerely,


Jody L. Clasey, PhD, FACSM
Professor
Department of Kinesiology and Health Promotion
College of Education
Director: UK Pediatric Exercise Physiology Laboratory
Director: UK CCTS Functional Assessment and Body Composition Core Laboratory

## UKHealthCare.

March 31, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

sum en Duncan, MD
Assistant Professor
College of Medicine
Department of Orthopaedics
Director, Center for Hip Preservation
Adult Reconstruction, Hip Resurfacing, and Hip Preservation

Division of Physical Therapy

Esther E. Dupont-Versteegden, Ph.D.
Professor
Rm. 204L CTW Building
900 South Limestone Ave.
Lexington, Kentucky 40536-0200
Tel: (859) 218-0592
Fax (859) 323-6003
e-mail: eedupo2@uky.edu

April 1, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). I also strongly endorse the establishment of the SMRI. I see significant opportunities for collaboration on current and future sponsored projects with my line of research and that of the SMRI.

Please feel free to contact me if further information is needed.
Sincerely,


Esther E. Dupont-Versteegden, Ph.D.
Professor, Department of Rehabilitation Sciences
College of Health Sciences

March 31, 2016
James W. Geddes, Ph.D.
Director, Spinal Cord \& Brain Injury
Research Center (SCoBIRC)
Professor, Anatomy \& Neurobiology
B483 BBSRB
741 S. Limestone Street
Lexington, KY 405036-0509
igeddes@uky.edu
Scott Lephart, PhD
Dean and Professor
Endowed Chair of Orthopaedic Research
College of Health Sciences
University of Kentucky

Dear Dr. Lephart:

I am delighted and honored to accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). I enthusiastically endorse the creation SMRI and look forward to collaborating on current and future sponsored projects.

Sincerely,


James W. Geddes, Ph.D.
Associate Dean for Research, College of Medicine
Director, Spinal Cord and Brain Injury Research Center
Professor, Anatomy and Neurobiology
University of Kentucky

College of Health Sciences Division of Athletic Training Wethington Building, Room 210C Lexington, KY 40536-0200 859 323-1100 Ext. 80858
fax 859 323-6003
www.mc.uky.edu/athletic training

March 31, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation of the SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,


Phillip Gribble, PhD, ATC, FNATA
College of Health Sciences
Department of Rehabilitation Sciences
Division of Athletic Training

March 31, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,


Dong (Dan) Y. Han, PsyD
Chief, UK Neuropsychology Service - Clinical Section
Associate Professor of Neurology, Neurosurgery, and Physical Medicine \& Rehabilitation
Kentucky Neuroscience Institute
Spinal Cord and Brain Injury Research Center
Epilepsy Research Center
University of Kentucky College of Medicine
Phone: (859) 323-5661
Fax: (859) 323-5943

College of Health Sciences Wethington Building Lexington, KY 40506-0200 859-323-1100
www.uky.edu/healthsciences

April 04, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as core faculty to the Sports Medicine Research Institute (SMRI) and would like to provide my endorsement for the creation of the SMRI. As a former doctoral student of yours and a history of collaboration I see significant opportunity to grow current research initiatives and foster new relationships, collaborations, and innovations. I firmly believe that the SMRI will have a profound positive impact on the research image of the University and its competitiveness of current and future sponsored projects.

Sincerely,


Nicholas R. Heebner, PhD, ATC
College of Health Sciences
Department of Rehabilitation Sciences

## UKHealthCare.

## Sports Medicine

University of Kentucky Kentucky Clinic, K401 740 South Limestone Lexington, KY 40536-0284 Patient Appts: Kentucky Clinic Phone: 859-323-5533

Fax: 859-257-8696
ukhealthcare.uky.edu
Darren L. Johnson, M.D.
Professor \& Chairman Team Physician: University of Kentucky Eastern Kentucky University

Scott D. Mair, M.D. Professor Medical Director, Sports Medicine Center Chief of Shoulder Service Team Physician: University of Kentucky Kentucky State University Morehead State University

Christian Lattermann, M.D.
Professor
Vice Chair of Research Team Physician: University of Kentucky Director, Center for Cartilage Repair and Restoration Eastern Kentucky University

Robert G. Hosey, M.D.
Professor
Primary Care Sports Medicine Team Physician: University of Kentucky Kentucky State University Eastern Kentucky University

Kyle Smoot, M.D.
Associate Professor Primary Care Sports Medicine Team Physician: University of Kentucky Eastern Kentucky University

Kimberly Lock, M.D. Assistant Professor Primary Care Sports Medicine Team. Physician: University of Kentucky Eastern Kentucky University

March 31, 2016
c/o meredith.lovelace@uky.edu
re: Sports Medicine Research Institute

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.


College of Medicine
Department of Orthopaedic Surgery \& Sports Medicine University of Kentucky
/ca

## UKHealthCare.

April 4, 2016

## meredith.lovelace@uky.edu

Re: Sports Medicine Research Institute
Dear Dr. Lephart:
I accept your invitation as associate faculty of the Sports Medicine Research Institute. I look forward to making contributions and being very involved in the SMRI. As an orthopaedic surgeon interested in research, I see the Sports Medicine Research Institute as a necessity to do collaborative research. I strongly support the creation of the SMRI and look forward to serving as associate faculty.

Sincerely yours,


Mary L. Ireland, M.D.
Associate Professor
College of Medicine
Department of Orthopaedic Surgery \& Sports Medicine University of Kentucky

## MLI/ca

## UKHealthCare.

March 31, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.


Henry J. Iwinski, MD
College of Medicine
Department of Orthopedic Surgery

## UKHealthCare.

April 6, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,


Cale A. Jacobs, PhD, ATC
College of Medicine
Department of Orthopedic Surgery

College of Health Sciences
Wethington Building
Lexington, KY 40506-0200
859-323-1100
www.uky.edu/healthsciences

02 April 2016
900 South Limestone
Wethington Building, Room 123
Lexington, KY 40536
Dr. Lephart,
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). I look forward to helping you complete your vision and truly believe in the value that this institute will bring to our community. In addition, I believe that all collaborative faculty will provide more than adequate resources to complete this vision. I know that my clinical and research experience will add value, and I look forward to establishing future collaborations with every team member. In this letter, I further verify sufficient support and resources to collaborate with you on this vital endeavor.

Sincerely,


Nathan F. Johnson PT, DPT, PhD
Assistant Professor
University of Kentucky College of Health Sciences
Charles T. Wethington, Jr. Building, Room 204E
Lexington, KY 40536-0200
(859) 218-5429

College of Health Sciences Division of Physical Therapy Wethington Building, Rm 204 Lexington, KY 40536-0200 859-218-0580
Phkitz1@email.uky.edu www.mc.uky.edu/healthsciences www.mc.uky.edu/PT wwww.karrn.org

April $4^{\text {th }}, 2016$

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. As a faculty member in the Rehabilitation Sciences Doctoral program as well as the Director of the Kentucky Appalachian Rural Rehabilitation Network (KARRN), I see significant opportunity for collaboration between SMRI and the KARRN, on current and future sponsored projects.

Sincerely,


Patrick Kitzman PhD, MSPT
Associate Professor
Director of the Kentucky Appalachian Rural Rehabilitation Network
Department of Rehabilitation Sciences
University of Kentucky

April 5, 2016
James N. MacLeod, VMD, PhD
John and Elizabeth Knight Chair
Professor of Veterinary Science
Gluck Equine Research Center
Lexington, KY 40546-0099
(859) 257-4757, ext 81140

Fax: (859) 257-8542
Email: jnmacleod@uky.edu
Scott M. Lephart, PhD
Dean and Professor
College of Health Sciences
Endowed Chair of Orthopaedic Research

Dear Dean Lephart,
I welcome your invitation to participate as an associate faculty member in the Sports Medicine Research Institute (SMRI). There is substantial opportunity for collaboration and synergy between SMRI and the new Equine Sports Science Initiative in the College of Agriculture, Food and Environment. Horses are frequently asked to perform in elite athletic disciplines, with Thoroughbred racing being a primary example. Horses and the equine industry hold a strong historical, social, and economic position in Kentucky, indeed representing a defining symbol of our state that is recognized and appreciated on both a national and international level.

Equine athletes are challenged by many of the same sports medicine variables experienced by human athletes. As I know you well appreciate, this provides our two programs (and by extension the University of Kentucky) with important research and teaching opportunities based on comparative biology across two large patient populations. Equine Programs within the College of Agriculture, Food and Environment has grown rapidly over its 10 year history to include a large and nationally prominent undergraduate teaching program that now complements our historical strengths in equine research and extension.

There are substantial and exciting potential benefits that will develop from us working together in areas centered on sports medicine. Thank you very much for the opportunity to be an associate faculty member in the SMRI.

Sincerely,


James N. MacLeod, VMD, PhD
John and Elizabeth Knight Chair
Professor of Veterinary Science
Director, Equine Sports Science Initiative

## UKHealthCare.

Sports Medicine
University of Kentucky
Kentucky Clinic, K401
740 South Limestone
Lexington, KY 40536-0284
Patient Apps:
Kentucky Clinic
Phone: 859-323-5533
Fax: 859-257-8696
ukhealthcare.uky.edu
Darren L. Johnson, M.D. Professor \& Chairman Team Physician: University of Kentucky Eastern Kentucky University

Scott D. Mar, M.D.
Professor
Medical Director,
Sports Medicine Center
Chief of Shoulder Service
Team Physician: University of Kentucky
Kentucky State University
Morehead State University
Christian Letterman, M.D. Professor
Vice Chair of Research Team Physician: University of Kentucky Director, Center for Cartilage

Repair and Restoration Eastern Kentucky University

Robert G. Mosey, M.D. Professor
Primary Care Sports Medicine Team Physician: University of Kentucky

Kentucky State University
Eastern Kentucky University
Kyle Smoot, M.D. Associate Professor
Primary Care Sports Medicine Team Physician: University of Kentucky Eastern Kentucky University

Kimberly Lock, M.D. Assistant Professor
Primary Care Sports Medicine Team Physician: University of Kentucky Eastern Kentucky University

March 31, 2016

## meredith.lovelace@uky.edu

## re: Sports Medicine Research Institute

Dear Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation of SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,
Soot $\Delta$ Main M
Scott Mar, M.D.
Professor
College of Medicine
Department of Orthopaedic Surgery \& Sports Medicine University of Kentucky
/ca

March 31, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,


Carl G. Mattacola, PhD, ATC, FNATA
College of Health Sciences
Department of Rehabilitation Sciences

## Systems for Action

National Coordinating Center
Systems and Services Research to Build a Culture of Health
www.systemsforaction.org
Center for Public Health
Systems and Services Research
121 Washington Avenue, Room 204
Lexington, KY 40536-0003
859.218.2029
859.257.2821 fax

March 31, 2016
www.publichealthsystems.org

Scott M. Lephart, Ph.D.
Dean and Professor
College of Health Sciences
University of Kentucky

## Dr. Lephart:

I eagerly accept the invitation to join the University of Kentucky Sports Medicine Research Institute (SMRI) as associate faculty. Moreover, I strongly endorse the creation SMRI as a critically important component of the University of Kentucky's research enterprise. Opportunities for collaboration on current and future sponsored projects are extremely promising, including topics of considerable public health significance and health policy relevance related to injury prevention, occupational health, workforce productivity, aging, national security, and cost-effectiveness.

I look forward to collaborating in this new research institute.


Glen P. Mays, Ph.D., M.P.H.
Scutchfield Endowed Professor in Health Services and Systems Research
Director, Center for Public Health Systems \& Services Research
Department of Health Management and Policy
University of Kentucky College of Public Health
Associate Director, Center for Health Services Research, University of Kentucky College of Medicine
hove čurywunis \% wee doc

## UKHealthCare.

March 31, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.


Ere S. Moghadamian, MD
Gollege of Medicine
Department of Orthopedic Surgery

March 16, 2016
Dr. Lephart:
As Division Chief of Pulmonary, Critical Care, and Sleep Medicine, I strongly endorse creating the Sports Medicine Research Institute (SMRI). The SMRI provides a unique and multidisciplinary faculty whose expertise and research models will directly impact the lives of our patients.

I am currently collaborating with the several of your faculty and will strongly support and encourage continued collaboration. I highly advocate on the establishment of SMRI given its importance to patient care within UK HealthCare. Through my position as Division Chief, I will also work toward building in-roads for the SMRI to be successful within our hospital's setting. As the Division Chief, I support my faculty to participate in sponsored research that is consistent with our negotiated distribution of effort.

I look forward to working with you and will support your efforts in creating the SMRI.
Sincerely,

## Prtuer.mami

Peter E. Morris, MD
Chief
Pulmonary, Critical Care, and Sleep Medicine

## April 1, 2016

## Dr. Lephart:

Thank you for the opportunity to serve as associate faculty to the Sports Medicine Research Institute (SMRI). As you know I am deeply committed to advancing the health of athletes of all ages in Kentucky and see significant opportunity for collaboration on current and future sponsored projects. I enthusiastically endorse the creation SMRI.

Sincerely,


Brian Noehren PT, Ph.D. FACSM
Associate Professor
Division of Physical Therapy
University of Kentucky
859-218-0581
b.noehren@uky.edu

College of Health Sciences Wethington Building Lexington, KY 40506-0200 859-323-1100
www.uky.edu/healthsciences

March 31, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,


Kathleen Poploski
College of Health Sciences
Department of Rehabilitation Sciences


College of Nursing 315 College of Nursing Building Lexington, KY 40536-0232
859323-5108
fax 859 323-1057
www.uknursing.uky.edu

March 31, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,
Dubrah B. Yeud
Deborah B. Reed, MSPH, PhD , RN, FAAOHN, FAAN
Professor
College of Nursing

College of Health Sciences
Wethington Building
Lexington, KY 40506-0200 859-323-1100
www.uky.edu/healthsciences

March 31, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,
Sutt A. Royer

Scott D. Royer
College of Health Sciences
Department of Rehabilitation Sciences

## UK

UNIVERSITY OF KENTUCKY

College of Education
Office of the Associate Dean Research and Graduate Studies 107 Taylor Education Building Lexington, KY 40506-0001 Phone: (859) 257-9795
Fax: (859) 323-1365

March 31, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation of the SMRI. Given the long history of sports medicine research in my department (KHP) dating back to Dr. Ernst Jokl, a founder of the American College of Sports Medicine, and the over 30 year collaboration of KHP with Health Sciences and Biomedical Engineering in the Biodynamics Laboratory (now part of the Human Performance Laboratories) I see significant opportunity for collaboration on current and future sponsored projects. Congratulations on the establishment of the institute and exciting possibilities it brings to UK.

Sincerely,


Robert Shapiro, PhD, FASCM
Professor and Senior Associate Dean
College of Education
Department of Kinesiology and Health Promotion
Director, Biodynamics Laboratory
Co-Director, Human Performance Laboratories

Dr. Lephart,

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI) and strongly endorse the creation SMRI. Given my background in clinical and sports nutrition and my service as a board certified specialist in sports dietetics, I am uniquely qualified to be a part of your research team.

I see significant opportunity for collaboration on current and future sponsored projects. I have been directly involved in human nutrition and exercise interventions for 10 years and I am excited to help you oversee all nutrition aspects of SMRI projects, including nutrition assessment and intervention.

If you need any further information, please feel free to contact me at dth225@uky.edu.
Respectfully,


Travis Thomas, Ph.D., RDN, CSSD, LD
Assistant Professor
Division of Clinical Nutrition
College of Health Sciences
University of Kentucky

College of Health Sciences Division of Athletic Training Wethington Building, Room 210C
Lexington, KY 40536-0200
859 323-1100 Ext. 80858
faxi 859 323-6003
wwv.mc.uky.edu/athletic training

March 31, 2016

## Dr. Lephart:

It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,


Tin L Uhl, PhD, ATC, PT, FNATA
College of Health Sciences
Department of Rehabilitation Sciences


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March 31, 2016
Dr. Lephart:
It is with great enthusiasm that I accept the invitation as associate faculty to the Sports Medicine Research Institute (SMRI). In addition, I strongly endorse the creation SMRI. I see significant opportunity for collaboration on current and future sponsored projects.

Sincerely,


Joshua Winters, PhD, CSCS
College of Health Sciences
Department of Rehabilitation Sciences

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TO: University of Kentucky Senate
FROM: Martha C. Riddell, DrPH Chair, Faculty Council


SUBJECT: Endorsement of the Sports Medicine Research Institute (SMRI)
DATE: April 22,2016

The College of Public Health Faculty Council has reviewed the proposal for establishing the new Sports Medicine Research Institute (SMRI) with the College of Health Sciences.

We do have faculty who will be collaborating with the College of Health Sciences and the faculty of the SMRI. We fully support this Institute and believe it will help strengthen our competitiveness for sponsored research opportunities.

Please feel free to contact me if I can provide additional comments.


[^0]:    *Not inclusive of all investigators

[^1]:    Janie Heath PhD, APRN-BC, FAAN
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