

Letter from the Chairman

DISCOVERING OPPORTUNITIES: A 2020 VISION FOR DUKE ORTHOPAEDICS

Our Duke Orthopaedic family remains incredibly productive, despite the many challenges we face in our environment. This past year, we faced changes in the leadership of the Department as well as in many aspects of the larger Duke academic health enterprise; the adoption of a new electronic medical record and changes in healthcare funding, such as in North Carolina Medicaid. Despite these challenges, we came through the year stronger than ever. It is a testament to the industriousness, creativity, innovation, and loyalty of our faculty, staff and trainees that the department remains incredibly strong.



Our Department engaged in a comprehensive strategic planning process the past 6 months. Through this process, we discovered opportunities that can be developed over the next 5 years that will put us in a position of even stronger national and international prominence by 2020. I am proud that our Department has agreed to take on transformative changes that will not only shape the future of Duke Orthopaedics, but for orthopaedics worldwide. Our vision is ‘to invent the future of Orthopaedics’ by expanding endeavors beyond the walls of the department and traditional models, collaborating with other departments and institutions in unique ways, seeking innovative interdisciplinary research and patient care initiatives, and developing novel approaches to educate and train clinical and research professionals at all levels. This transformation will take place in a culture and context that encourages transparency, trust and teamwork.

In our clinical enterprise, we will focus on driving efficiency and quality by redesigning the way we provide care, a process that has already begun. We will enhance our clinical growth opportunities, by strategically expanding in select communities and improving access and will brand Duke Orthopaedic care through innovative approaches to promote our brand, such as using social media. We are also strengthening our relationship with our community partners and with the VA, so we can work better as an integrated team. We will have representation from our community physicians on our senior leadership team and will be recruiting an Associate Chief of Surgery responsible for Orthopaedic Development at the Veterans Affairs Medical Center. Given the looming changes in healthcare, it will be ever more important that we work together with the health system to provide effective and efficient care, and we are developing new ways in which we can co-manage orthopaedics care together.

Our research goals will focus and integrating the research and clinical sides of the Department, and strengthening our overall support for research. We will build on our bioengineering research program under Farsh Guilak’s leadership, which is the ‘jewel’ of our department’s academic enterprise. To strengthen our clinical research activities, we will be recruiting faculty in clinical research and providing new resources to strengthen the ability of our clinicians to engage in research. We are excited to develop an innovative cross-departmental research program, specifically around cutting-edge osteoarthritis treatments, to take on the ‘grand challenge to cure osteoarthritis.’ We will develop this interdisciplinary program as a model to solve other significant challenges by integrating orthopaedic with other related fields. This plan will help to enhance our ability to successfully generate external grants and renew our philanthropic efforts.

The Duke training tradition of clinical proficiency, professionalism, leadership, camaraderie and work ethic will be preserved, and we will build on this to make Duke Orthopaedic Surgery a nationally recognized hub for innovative learning. Enhanced educational mentorships and implementing competency-based concepts into the residency curriculum will help to achieve these goals. There are many learners, such as undergraduate and graduate students, physician assistants, nurses and research fellows, who are not part of our formal residency or fellowship programs. To ensure the best education possible for all our learners, we will be appointing a vice-chair for education to ensure that we provide the best educational experience across the entire department.

We see our faculty mentorship program as a critical strategic component to our long-term success, to help both in our faculty’s clinical and academic development as well as to mentor our faculty in becoming the best educators possible. Diversity and inclusion are also critical to the department, not only to provide a nurturing environment for all our current members but also to provide our department with the best and brightest from all backgrounds who feel comfortable and

valued here. As we go forward, we will be developing a diversity and inclusion strategic plan. This plan will build on what makes Duke Orthopaedics special, and will not dismantle our rich traditions, but instead will build on them.

Over the past year, we welcomed a new faculty member, Erica Taylor. Erica was a Duke medical student, who did her residency at the University of Virginia and then a hand and upper extremity fellowship at the Cleveland Clinic. She joins our group at Duke Raleigh and our hand team. Our eight graduating residents went on to prestigious fellowships and we also welcomed eight new residents into our training program (listed below). Our residency remains extremely strong under the exemplary leadership of Bill Hardaker. This past year, Brian Brigman joined as our Associate Program Director. We continue to make major strides in our research program, with an impressive number of very high impact publications identifying new ways to regenerate the musculoskeletal system, and novel approaches to improve rehabilitative and surgical outcomes for common orthopaedic problems. Our clinical enterprise remains strong, and we are working to integrate into a better joint management approach with the healthcare system. David Attarian was appointed as our Executive Vice Chair for Clinical Orthopaedics, and is leading this effort. Our clinical sections continue to expand in our missions, and will be sequentially developed into divisions. Our section heads Mike Bolognesi (Adult Reconstruction), Brian Brigman (Oncology), Robert Fitch (Pediatrics), T Moorman (Sports), Jim Nunley (Foot and Ankle), Steve Olson (Hip Preservation), Bill Richardson (Spine), David Ruch (Hand and Upper Extremity) and Bob Zura (Trauma) are all working hard to develop national and international recognition for each subspecialty at Duke. As we develop our divisions, they will be responsible for coordinating all of our missions and goals—clinical, research and education, across all of the parts of our growing Duke academic healthcare network.

Duke Orthopaedics is as strong as ever, and has an even brighter future ahead. Over the coming years, we will use the opportunity of rapid change, without sacrificing the rich tradition that makes us unique, to fulfill our '20-20' vision for the future of orthopaedics.

Class of 2018

William A Byrd, MD
Matthew D Crawford, MD
Travis J Dekker, MD
Joseph J Kavolus, MD
Lindsay T Kleeman, MD
Alexander J Lampley, MD
Andrew P Matson, MD
E Grant Sutter, MD, MS

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UNC-Chapel Hill
US Air Force Academy
Clemson & Harvard
Colgate
Bucknell
Middlebury
Johns Hopkins

Medical

VA Commonwealth
UC San Francisco
Georgetown
MUSC
Vermont
Jefferson
Brown
Duke

Class of 2013

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Donald E Fowler, III, MD

Mark G Hamming, MD

C Thomas Haytmanek Jr, MD

Braden K Mayer, MD

Fellowship

Orthopaedic Oncology
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Tampa, FL
Sports Medicine
Hospital for Special Surgery
New York, NY
Sports Medicine
The Steadman Clinic
Vail, CO
Foot and Ankle
The Steadman Clinic
Vail, CO
Sports Medicine
Steadman Hawkins Clinic Denver
Greenwood Village, CO



Stephanie W Mayer, MD	Pediatric Orthopaedic Children's Hospital Colorado Aurora, CO
Jordan F Schaeffer, MD	Adult Reconstruction Hofmann Arthritis Institute Salt Lake City, UT
Karl M Schweitzer Jr, MD	Foot and Ankle OrthoCarolina Foot and Ankle Institute Charlotte, NC

Benjamin Alman MD