

NEWS AND NOTES

ISSUE 2 FALL 2008

LARRY MATTHEWS PROFESSORSHIP CAMPAIGN LAUNCHED



Larry Matthews, M.D.

“He is the most influential mentor of my career,” says Steven Goldstein, Ph.D., director of the Orthopaedic Research Laboratories, about Larry Matthews, M.D. “His mentorship, friendship, and collaborations were key to any successes I have had. Larry demonstrated research and clinical brilliance, humility, dedication, and remarkable passion to innovate and improve patient care.”

Former students recall Dr. Matthews’s creativity, his colorful stories, and his unique way of looking at things.

Last fall, a group of alumni launched a campaign to raise \$500,000 to create a Larry Matthews Collegiate Professorship. “We are excited about the possibility of establishing an endowed professorship to honor Larry and support our academic mission in the field of joint reconstruction.” says Jim Carpenter, M.D. “Such an endowment can provide funds for pilot projects and salary support, allowing for a greater commitment to research in this important area.”

Leadership pledges from several alumni and friends have enabled us to reach the halfway point in the campaign.

“With the continued generosity of our alumni and friends,” says Jim Carpenter, “I hope to raise the remaining funds and establish the Professorship during 2009.”

Larry Matthews first came to U-M in 1965 as a surgery resident. Upon graduation, Dr. Matthews pursued a research fellowship at the National Institutes of Health Karolinski Institute in Stockholm, Sweden. He joined the U-M Orthopaedic Surgery faculty in 1970. In 1986, Dr. Matthews was named OS Section Head, a position he held until 1995.

An early leader in biomechanics research, Dr. Matthews holds several patents for devices and implants, including the Spherocentric Knee and the Counter Rotating Biopsy (CORB) Needle.

“Larry Matthews, in the mold of Drs. Badgley, Smith and other giants of Michigan Orthopaedics, is a consummate teacher of our craft.”

John Henke, M.D.
(Ortho Res '74)

Alumni and friends who wish to contribute may use the enclosed envelope or contact Ellen Abramson, director of development, at (734) 647-3268 or era@umich.edu.

INSIDE THIS ISSUE...

Letter from the Chairpage 2
Bone & Joint Center Appoints Directorpage 3
Research Spotlightpage 4

Alumni Supportpage 5
A Passion for Teachingpage 6
New Facultypage 7

Faculty and Alumni Awardspage 8
Alumnus Frank Noyes, M.D., and Graduates 2008page 9
Honor Rollpage 10

LETTER FROM THE CHAIR

Dear Michigan Orthopaedic Alumni, Friends, and Family:



I'm happy to share with you exciting developments in the department. We now have eight subspecialty clinical services, in addition to our VA Service, providing outstanding patient care. We've welcomed many new faculty, who are already making a significant contribution. On the clinical side, we've welcomed the return of Jon Sekiya, M.D., to our Sports Service, where his high energy,

enthusiasm, and expertise are a stimulus for everyone. Paul Dougherty, M.D., joined us as an orthopaedic traumatologist and new residency program director. Dr. Dougherty is experienced not only in orthopaedic trauma but also in running a residency program. Neal Chen, M.D., our most recent addition, joined us after completing his Harvard residency and two fellowship programs. A strong addition to our faculty, Dr. Chen has great potential as a future clinician-scientist.

For our research program, we were very fortunate to recruit Ron Zernicke, Ph.D., and Ken Kozloff, Ph.D. A scientist with a tremendous international reputation in a wide range of bone and joint disease and bioengineering areas, Dr. Zernicke joined us as director of the new Bone & Joint Injury Prevention & Rehabilitation Center. The goals of the center, launched with a \$5 million gift from the Judy and Fred Wilpon Family Foundation, are to improve musculoskeletal health and reduce injuries while promoting mobility and exercise across the lifespan. Dr. Zernicke has developed an exciting and aggressive strategic plan for expanding our impact in these key areas. Dr. Kozloff returns to Michigan where he earned his Ph.D. in bioengineering and where he looks to apply his engineering and biologic principles to musculoskeletal diseases. He's already been awarded an OREF Research Grant (along with Michelle Caird, M.D.) to further investigate the use of bisphosphonates in the treatment of osteogenesis imperfecta.

Our residency training program remains the heart and soul of our department. We continue to attract the best and brightest residents, who move on to outstanding fellowships and careers. We now have two ACGME-accredited fellowship training programs. Next year, our Sports Medicine Fellowship program, now in its fourth year, will expand from one to two fellows and we will welcome our first pediatric fellow. The fellows have had a positive impact on our program, elevating the quality of both teaching and research.

Though some things have changed, others have remained reassuringly steady. We continue to provide outstanding and evermore specialized patient care, and Drs. Hensinger and Louis are still active clinically as well as in our teaching programs. Dr. Kaufer continues to play an important role in the VA outpatient clinics, in committee work, and in conferences. When in town, Dr. Matthews keeps active in our teaching programs, and his stories just get better and better the more times you hear them.

Despite the Michigan economy and the state of funding for medical research, the department is sound. We are striving to make long-term investments and to establish endowments that will ensure long-term success for Michigan orthopaedics. I have just completed my five-year commitment as department chair. Thanks to the efforts of the orthopaedic faculty and the hard work of departmental staff members and clinicians, the dean has extended my appointment by five years. We've developed an ambitious, but achievable, strategic plan and the entire department looks forward to implementing it. I hope to see you here in Ann Arbor, at our annual AAOS reception, or anywhere else our paths may cross.

Sincerely yours,

A handwritten signature in black ink that reads "James E. Carpenter". The signature is fluid and cursive, written in a professional but personal style.

James E. Carpenter, M.D.
 Harold W. and Helen L. Gehring
 Professor of Orthopaedic Surgery
 Chair, Department of Orthopaedic Surgery

BONE & JOINT CENTER APPOINTS DIRECTOR

Professor Ron Zernicke believes that “movement is life and life is movement.”

This sentiment was at the heart of his decision to leave the University of Calgary last fall and relocate to Ann Arbor as the first director of the University of Michigan’s new Bone & Joint Injury Prevention & Rehabilitation Center. “Michigan was already well known to me for the



Ron Zernicke, Ph.D.

quality of its research and investigators,” said Zernicke. “But it was really the vision behind this new Center that drew me here. It’s a cornerstone in Michigan’s ability to promote lifelong musculoskeletal health. I wanted to be a part of helping Michigan lead in this critical health area.”

Each year, musculoskeletal conditions and injuries account for more than 157 million visits to doctors, more than 25 million hospital outpatient visits, and more than 29 million emergency department visits. Treating these injuries and their often debilitating aftereffects costs our society more than \$250 billion a year.

Through the Bone & Joint Center, researchers from the Department of Orthopaedic Surgery, the Division of Kinesiology, the College of Engineering, and the School of Public

Health are exploring why injuries happen and how they can be prevented and treated to keep people on the path to lifelong optimal health.

Launched in 2006 through a leadership gift from the Judy (AB ’58) and Fred (AB ’58) Wilpon Family Foundation, the center’s focus

includes exercise and conditioning, sports injuries, military training and combat, recreation and play, movement and physical activity for children and adolescents, physical activity for healthy aging, and work-related physical activity.

Currently, researchers are examining knee and shoulder injury tendencies and prevention, the long-term effects of concussions, and ways to minimize injuries from falls. A pilot grant program funded through the center has already awarded four grants totaling \$160,000 in support of such work. Findings from pilot studies can provide researchers with the initial results they need to compete for larger grants. This year, the center will award four to five pilots grants totaling up to \$200,000 in support of promising multidisciplinary research on injury prevention and rehabilitation.

“If you aren’t moving, you’re not really living,” Zernicke said. “Through support, research, and hard work, the Bone & Joint Center is already on track to keep people moving and living in the fullest sense of the word.”

To learn more, visit www.bjiprc.umich.edu

DJO and Miotech Award Grant to Bone & Joint Center

The Bone & Joint Injury Prevention & Rehabilitation Center has received a generous grant from DJO and Miotech Orthopedics. This grant will help fund the development of educational materials and educational events on injury prevention and rehabilitation for physicians, athletic trainers, coaches, and the public.

According to Ron Zernicke, Ph.D., director of the Bone & Joint Center, “the grant from DJO and Miotech provides a great boost in moving forward our educational mission.”

RESEARCH SPOTLIGHT

FRAGILE BONES—NOT JUST A PROBLEM OF AGING

U-M Scientists Working to Improve Treatment for Children at High Risk for Fractures

Low bone density is most commonly associated with osteoporosis in postmenopausal women. However, children can also be afflicted with low bone density, which can lead to debilitating fragility fractures similar to those that occur in adults.

Bisphosphonate drugs like Fosomax (Alendronate), Boniva (Ibandronate), and Actonel (Risedronate) have greatly enhanced our ability to treat low bone density and prevent fragility fractures in adults, and are increasingly being used in children for this reason. However, the use of these drugs has outpaced our understanding of their long-term effects on children's growing bones. Building on a long history of research in the areas of bone strength, growth, and repair in the Department of Orthopaedic Surgery's Orthopaedic Research Laboratories (ORL), Assistant Professors Dr. Kenneth Kozloff, a bioengineer, and Dr. Michelle Caird, a pediatric orthopaedic surgeon, are working together to improve our understanding of the effects of these drugs on the growing skeleton.

Bone density is influenced by biochemical, hormonal, and mechanical factors. In children, several conditions can lead to reduced bone density, including poor nutrition, endocrine or metabolic disorders, and diseases such as cerebral palsy and osteogenesis imperfecta. Although the short-term results of bisphosphonate use in children have shown some promise in maintenance of bone mass in the spine, the consequences of long-term use on bone quality and fracture risk are largely unknown. The need to assess the long-term safety and efficacy of bisphosphonate drugs to treat bone density loss, especially in children, is great.

Dr. Kozloff and Dr. Caird recently received a joint grant from the Pediatric Orthopaedic Society of North America (POSNA) and the Orthopaedic Research and

Education Foundation (OREF) to study the effect of bisphosphonates on growing bone, using a model of disuse osteopenia they have developed in their laboratory. Disuse osteopenia is bone weakening resulting from lack of use, which affects children confined to wheelchairs due to weakening from other disease conditions. Drs. Kozloff and Caird track the locations of bisphosphonate deposition in growing bone through a novel imaging technique (fluorescent bisphosphonate marking), which allows them to monitor the retention and activity of bisphosphonates in the skeleton over time. By studying the bone healing capacity at regions of high and low bis-

phosphonate deposition, they are able to assess the effects of bisphosphonates on the bone's ability to heal from fractures.

Other ongoing research by Dr. Caird and Dr. Kozloff includes a study of bisphosphonate drug use to treat low bone density associated with osteogenesis imperfecta, a genetic bone disease that causes skeletal fragility, fractures, and ensuing skeletal deformities in children. Using similar experimental techniques as above—a model of orthopaedic disease in conjunction with innovative imaging—this study assesses the effect of bisphosphonate accumulation in the skeleton on the long-term ability of bones to heal from fractures.

Dr. Caird's and Dr. Kozloff's research increases our understanding of how bisphosphonate drugs affect the growing skeletons of children, which will help guide the development of treatment protocols for children that maximize these drugs' proven ability to prevent fragility fractures while minimizing any long-term risk. By doing so, this research will help improve the quality of thousands of children's lives well beyond childhood.

Kristi Overgaard



Michelle Caird, M.D., and Kenneth Kozloff, Ph.D.

ALUM'S GIFT STIMULATES COLLABORATIVE RESEARCH



Dale Dedrick, M.D.

The sixth woman ever to graduate from the Orthopaedic Surgery Residency program ('87), Dale Dedrick, M.D., was a pioneer of sorts. Dr. Dedrick went on to serve on the department's faculty until 1992 when the onset of lupus precipitated her early retirement. Dale's passion for orthopaedic research and education continues. She is especially interested in clinical research

focused on determining the best rehabilitation options for older women with both arthritis and hip replacement. Recently, this interest inspired her to take action. Dr. Dedrick's gift of \$15,000 will, over a three-year period, jumpstart clinical research collaboration among Orthopaedic Surgery, Physical Medicine & Rehabilitation, and/or Rheumatology. The Department of

Orthopaedic Surgery has committed to matching Dale's gift with an additional \$15,000. PM&R and Rheumatology have each offered to provide matching funds for the research projects on which they collaborate.

In this way, Dr. Dedrick's gift of \$15,000 will leverage a total of \$45,000 or more to advance collaborative research in musculoskeletal medicine.

The initial findings produced by these studies will be used to apply for further support from funding sources such as the National Institutes of Health.

"I want to encourage other alumni to think creatively about giving back to the department. Even small amounts of money can have a significant impact when strategically applied."

Dale Dedrick, M.D.
(Ortho Res '87)

Dr. Dedrick welcomes interest from fellow alumni in supporting this or other research.

A NEW TRADITION

Last fall, we were delighted to welcome back to campus our "emeritus" alumni—Orthopaedic Surgery residency program graduates from 1972 and earlier.

Our first Orthopaedic Emeritus Reunion included a conversation with chair Jim Carpenter, M.D., on "What's New in the Department," a visit to the Orthopaedic Research Laboratories, and a tour of the Medical School's Clinical Simulation Center. Dinner with Orthopaedic Surgery faculty and residents rounded out the first day of activities.

Reunion participants joined other alumni and local orthopaedic surgeons in attending the 46th annual Carl E. Badgley Lectureship. A dinner for alumni, speakers, and faculty followed.



(L to R) John Huntington, M.D.; Tom Miskovsky, M.D.; Glenn Carpenter, M.D.; Tom Peterson, M.D.; Herb Kaufer, M.D.; Bill Kieger, M.D.; Bill Patterson, M.D.; Tom Scott, M.D.; J. Ted Hartman, M.D.

The third day's entertainment was provided to us courtesy of the Michigan Wolverines. What would a U-M alumni reunion be without Michigan football?

Our second Emeritus Reunion took place September 25th through 27th, 2008.

A PASSION FOR TEACHING

Eight years ago, when Dr. Robert Hensinger suggested Dr. Cliff Craig assume the open position of student clerkship director and work on expanding the teaching of musculoskeletal medicine to U-M medical students, it was an offer he couldn't refuse.



Cliff Craig, M.D.

Dr. Craig was grateful for having been “mentored, motivated, and inspired” by many outstanding teachers. Among them was high-school economics teacher Mr. Charles Kern, referred to as “Socrates” by Dr. Craig and other students who later established a prize in his honor at the U-M’s School of Education. At the U-M

Medical School, Dr. William

Smith’s dramatic demonstration of gait abnormalities also made a lasting impression.

When Dr. Craig became clerkship director in 2000, only 12–14 students per year took the clerkship, an opportunity to learn about the science and practice of orthopaedics. When orthopaedic surgery was removed as a third-year clerkship option, it became obvious that to increase the presence of orthopaedic surgery in musculoskeletal education, integration within the curriculum was the best option.

With the assistance of the entire orthopaedic surgery faculty, Dr. Craig established an array of educational opportunities. These include anatomy lectures, an orthopaedic surgery interest group, a panel at Career Day for first- and second-year medical students, a summer research opportunity between the first and second year, and a seminar for second-year students titled “Gettysburg, Osteomyelitis, and Orthopaedic Surgery.” Monthly seminars on the pediatric musculoskeletal

examination are presented to third-year students on the inpatient pediatric rotation. Fourth-year students can select a month-long inpatient or outpatient orthopaedic clerkship, a subinternship, or an orthopaedic research clerkship.

Today, nearly one-third of the 170 students in the fourth year medical school class rotate through the orthopaedic department.

In the words of Dr. Craig, “with the challenges presented by an increasingly active and aging population, it is imperative that Michigan medical students have a solid background in musculoskeletal medicine.”

“Dr. Craig's dedication to teaching and mentoring medical students was very helpful to me when I was learning about the field of Orthopaedic Surgery and deciding to pursue a career there. He is a thoughtful guide during the residency application process, and his love of Orthopaedics is infectious.”

Karen Bovid, M.D.
Orthopaedic Surgery Resident

NEW FACULTY

Five outstanding faculty have recently assumed important roles in the Department of Orthopaedic Surgery.



Neal Chung-Jen Chen, M.D., joined the faculty in 2008. After graduating from Stanford University and Yale University Medical School, Dr. Chen was a resident at the Harvard Combined Orthopedic Residency Program. He completed a hand and upper extremity fellowship at Massachusetts General Hospital and a sports medicine and shoulder fellowship at the Hospital for Special Surgery in New York City. Among Dr. Chen's research interests are upper extremity kinematics and clinical outcomes of shoulder and elbow injuries.



Paul Joseph Dougherty, M.D., a specialist in orthopaedic trauma, joined the faculty in 2008. He earned his M.D. at the Uniformed Services University, served as a resident at the United States Naval Hospital, and completed a fellowship in Orthopaedic Trauma at the University of Louisville in Kentucky. He served as Program Director and Chair of the William Beaumont Army Medical Center/Texas Tech University of Health Sciences Orthopaedic Surgery Residency Program. Later, he became Program Director and Chief, Orthopaedic Trauma, at Henry Ford Hospital in Detroit. Dr. Dougherty is a Board Examiner for the American Academy of Orthopaedic Surgery and an Associate Editor for *Clinical Orthopaedics and Related Research*. His research interests include open fractures, hip fractures, medical education, and wound ballistics. While serving in the U.S. Army, Dr. Dougherty was deployed to Somalia and Afghanistan. Dr. Dougherty is the U-M Orthopaedic Surgery Residency Program Director.



Ken Kozloff, Ph.D., joined the faculty in 2007. Dr. Kozloff was educated at the University of Michigan and pursued post-doctoral training at the Center for Molecular Imaging Research at Massachusetts General Hospital and Harvard Medical School in Boston. He continued post-



doctoral training in the Bone Cell Biology Laboratory at Children's Hospital in Boston. Dr. Kozloff's research interests include the effects of anti-resorptive agents on bone, the cellular response of bone to damage, the role of collagen in the mechanical and structural properties of bone, and non-invasive optical imaging of bone metabolism.

Jon Sekiya, M.D., joined the faculty in 2007. A graduate of the University of California and Wake Forest University Medical School, Dr. Sekiya completed his orthopaedic residency at the University of Michigan and a sports medicine and shoulder fellowship at the University of Pittsburgh. He served three years with the United States Navy Bone & Joint/Sports Medicine Institute, later joining the orthopaedic faculty of the University of Pittsburgh. Dr. Sekiya's clinical specialties include sports medicine, complex shoulder and knee surgery, and hip arthroscopy. Among his research interests are the study of shoulder biomechanics, shoulder instability and bony defects, knee PCL and posterolateral corner injuries, and hip biomechanics. Dr. Sekiya serves as team physician for the athletic departments at the University of Michigan and Eastern Michigan University.



Ron Zernicke, Ph.D., joined the faculty in 2007 as Director of the Bone & Joint Injury Prevention & Rehabilitation Center. Previously, he was Executive Director of the Alberta Bone and Joint Health Institute, and Professor in the Faculty of Medicine at the University of Calgary in Canada. Dr. Zernicke is an expert in the adaptation of bone to exercise, disuse, diet, and disease, and in joint injury and post-traumatic osteoarthritis. He earned his M.Sc. and Ph.D. from the University of Wisconsin, Madison, and served as Chair of the Department of Kinesiology at UCLA before being recruited to Calgary.

National, regional, and local awards and distinctions continue to recognize the outstanding quality of our faculty and alumni. Here are recent highlights:

FACULTY AWARDS

- **J. Sybil Biermann, M.D.**, was named President-Elect of the Musculoskeletal Tumor Society. She has also been elected to the University of Michigan Medical School Advisory Committee on Appointments, Promotions, and Tenure.
- **Michelle Caird, M.D.**, was appointed to the Board of the U-M Medical Center Alumni Society.
- **James Carpenter, M.D.; Richard Hughes, Ph.D.; Bruce Miller, M.D.;** and Sports Medicine fellow **Geoffrey Bernas, M.D.**, received the Excellence in Research Award from the American Orthopaedic Society for Sports Medicine.
- **James Carpenter, M.D.; Bruce Miller, M.D.;** and **Jon Sekiya, M.D.**; have achieved Subspecialty Certification in Orthopaedic Sports Medicine by the American Board of Orthopaedic Surgery in the first offering of this certification.
- **Clifford Craig, M.D.**, was appointed to the Medical Affairs Advisory Committee of the University of Michigan Faculty Senate Assembly. He is also the Immediate Past President of the Medical Center Alumni Society (MCAS) of the University of Michigan.
- **Paul Dougherty, M.D.**, was appointed Chair of the Physicians Book Award Committee of the American Medical Writers Association. He was also appointed to the Education Committee of the Orthopaedic Trauma Association, and was named Associate Editor of *Clinical Orthopaedics and Related Research*.
- **Steven Goldstein, Ph.D.**, was the 11th Yunchuan Aisinjiroro-Soo Distinguished Lecturer at the University of Illinois at Urbana-Champaign in October 2007. His lecture was titled, "The Influence of Mechanical and Biologic Stimuli on Bone Formation, Repair and Regeneration." Dr. Goldstein is the Immediate Past President of the Orthopaedic Research Society.
- **Gregory Graziano, M.D.**, is the recipient of the Medical College of Wisconsin and Marquette Medical Alumni Association Award for Contribution to Medicine. He was also recently appointed an oral examiner for the American Board of Orthopaedic Surgery.
- **Robert Hensinger, M.D.**, was the principal speaker at the University of Michigan White Coat Ceremony welcoming incoming medical students and their families.
- **Jolie Holschen, M.D.**, was elected Chair of the Women Physicians Congress of the American Medical Association. She was also named Chair of the Sports Medicine Section of the American College of Emergency Physicians.

- **Jon Sekiya, M.D.**, as a co-investigator along with his fellow researchers, received the Best Basic Science Award, Virginia Orthopaedic Society, 2008 annual meeting for their study, "A Biomechanical Evaluation of Two Fixation Techniques for Proximal Biceps Tenodesis."
- **Edward Wojtys, M.D.**, Chief of Sports Medicine and Medical Director at MedSport, has been named Editor-in-Chief of *Sports Health: An Interdisciplinary Approach*, a new journal of the American Orthopaedic Society for Sports Medicine.
- **Ron Zernicke, Ph.D.**, was awarded the 2008 Career Award from the Canadian Society of Biomechanics at the North American Congress of Biomechanics.

ALUMNI AWARDS

- **Gregory Golladay, M.D.** (Ortho Res '00), was appointed Vice President and Legislative Chair of the Michigan Orthopaedic Society.
- **Patricia Kolowich, M.D.** (Ortho Res '87), has been elected Chair of the Board of Delegates for the American Orthopaedic Society for Sports Medicine.
- **Louis Meeks, M.D.** (Ortho Res '70), received the honor of having the 2008 edition of the *Harvard Orthopedic Journal* dedicated to him in recognition of his contributions to the Harvard Orthopedic Residency program.
- **John Morris, M.D.** (Ortho Res '78), authored an article in the May 2007 issue of *Arthroscopy: Journal of Arthroscopic and Related Surgery*, titled "ISOCAN Method and Device for Arthroscopic Suture Management." He also created a method and device for suture isolation that was recently licensed by Smith & Nephew with patent pending.
- **Frank Noyes, M.D.** (Ortho Res '75), was inducted into the Hall of Fame of the American Orthopaedic Society for Sports Medicine. This is the Society's highest accolade, reserved for outstanding leaders in the sports medicine community (see related article).
- **Mark Pinto, M.D.** (Ortho Res '99), was appointed President of the Michigan Orthopaedic Society.
- **Raoul Rodriguez, M.D.** (Ortho Res '65), was awarded the Galvez Cup by the New Orleans Hispanic Heritage Foundation for continuing support of Hispanic culture. Dr. Rodriguez, Chairman of the Department of Orthopaedic Surgery at the Tulane University School of Medicine, was named the Ray J. Haddad Professor.
- **Thad Stanford, M.D.** (Ortho Res '65), was inducted into the Hall of Fame of the National Federation of State High School Associations. He is the first physician to receive this honor.
- **Gregory Tierney, M.D.** (Ortho Res '93), was appointed President of the medical staff at Benefits Healthcare, and Medical Director of the Orthopedic Institute of Montana.
- **J. Michael Wiater, M.D.** (Ortho Res '98), completed his term as President of the Michigan Orthopaedic Society.



Frank Noyes, M.D. Inducted into Hall of Fame

Frank Noyes, M.D., (Ortho Res '75) was inducted into the Hall of Fame of the American Orthopaedic Society for Sports Medicine at its 2008 annual meeting. Dr.

Noyes has conducted groundbreaking research in many areas of knee injuries and disorders and has served as an educator to orthopaedic surgeons for nearly three decades.

Dr. Noyes's early laboratory investigations led to the understanding of the biomechanical properties of knee ligaments and the appropriate replacement tissues to use in reconstruction. More recent investigations have focused on the anatomy, function, and reconstruction of the posterior cruciate ligament and posterolateral knee structures and methods to improve the outcome of meniscal transplantation. Dr. Noyes's research accomplishments also include the development of one of the most widely used knee outcome systems.

A long-term advocate of the understanding and prevention of knee injuries, Dr. Noyes's neuromuscular retraining program "Sportsmetrics," developed over 10 years ago, is now utilized in more than 450 sites in the United States and Europe. The program has been proven to reduce the incidence of knee ligament injuries in female athletes.

Dr. Noyes joined the University of Cincinnati, Department of Orthopaedics, in 1975 as director of the Sports Medicine Institute and director of Orthopaedic Research. In 1978, he established one of the first formal sports medicine fellowships in the United States from which 116 physicians have graduated to date. In 1981, Dr. Noyes founded the Cincinnati Sports Medicine and Orthopaedic Center, and, in 1985, the non-profit Research and Education Foundation.

AOSSM established the Hall of Fame in 2001 to honor members of the orthopaedic sports medicine community who have contributed significantly to the specialty. Induction into the Hall of Fame is the highest distinction awarded by the Society.

2008 RESIDENCY PROGRAM GRADUATES

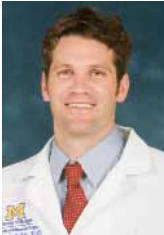
B. Todd Bafus, M.D., graduated from the University of Washington in Seattle before earning his M.D. at the Oregon Health Science School of Medicine in Portland. Following his residency, Dr. Bafus entered active duty in the U.S. Air Force as a general orthopaedic surgeon. He serves military personnel and their families in the areas of sports medicine and joint reconstruction. Dr. Bafus anticipates eventually joining one of the military's forward surgical hospitals.



Benjamin Chu, M.D., earned his B.A. at Duke University in Durham, North Carolina, and his M.D. at the University of Medicine and Dentistry in Newark, New Jersey. Following his residency at the University of Michigan, Dr. Chu joined the Orthopaedic Surgery Sports Medicine Fellowship program at Orthopaedic Research of Virginia in Richmond. Upon completion of his fellowship, Dr. Chu will pursue a position in orthopaedic surgery in the mid-Atlantic region.



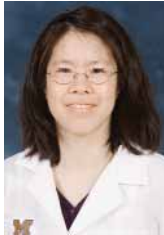
Martin Gelbke, M.D., pursued undergraduate studies at the University of Michigan and earned his M.D. at the University of Virginia in Charlottesville. During his residency, Dr. Gelbke received the James D. Baril, M.D., Educational Award. With the support provided by this award, Dr. Gelbke pursued an externship with the orthopaedic trauma service at the Royal Infirmary of Edinburgh in Scotland. Dr. Gelbke is currently in the Orthopaedic Surgery Trauma Fellowship program in Tampa, Florida.



Bryson Lesniak, M.D., received his undergraduate degree from the Pennsylvania State University and his M.D. from the University of Cincinnati in Ohio. Post-residency, Dr. Lesniak has returned to his hometown of Pittsburgh, Pennsylvania to complete an Orthopaedic Surgery Sports Fellowship at the University of Pittsburgh Medical Center. His experiences at U-M have inspired him to pursue a position in academic orthopaedics that combines his interests in clinical medicine and teaching.



Jane Tan, M.D., graduated from the University of Illinois-Urbana Champaign before receiving her M.D. from the University of Illinois in Rockford, Illinois. Dr. Tan received the Best Senior Thesis Award for her presentation at the U-M Orthopaedic Senior Resident Thesis Day. Her talk was titled "Functional Variations of the Flexor Digitorum Superficialis: A Second Look at Current Examination Techniques." Dr. Tan is currently completing an Orthopaedic Surgery Hand Fellowship at the University of Utah in Salt Lake City.



Andrew Wong, M.D., was born in Ann Arbor and returned there to pursue undergraduate studies and attend medical school. Staying on at the University of Michigan for residency, Dr. Wong had the opportunity to serve as the administrative chief resident. Since completion of his residency, Dr. Wong has joined the Orthopaedic Surgery Hand Fellowship Program at Allegheny General Hospital in Pittsburgh, Pennsylvania.



IN GRATEFUL ACKNOWLEDGMENT OF OUR SUPPORTERS

Fiscal Years 2007 and 2008

\$500,000 and higher

Judy and Fred Wilpon Family
Foundation

\$100,000 to \$249,999

The Glancy Foundation

\$50,000 to \$99,999

Orthopaedic Research and
Education Foundation
Nancy and Thomas Woodworth
Wright Medical Technology, Inc.

\$25,000 to \$49,999

Karen and David S. Raskas, M.D.
Stryker Corporation

\$10,000 to \$24,999

Anonymous
Jenny and James Carpenter, M.D.*
DJO / Miotech Orthopedics
Synthes

\$5,000 to \$9,999

Medtronic Sofamor Danek, Inc.
Marilynn Simpson and
Thomas Miskovsky, M.D.
Andrew G. Urquhart, M.D.*
George A. Wade, M.D.

\$2,500 to \$4,999

Tammy and J. David Blaha, M.D.*
Frances A. Farley, M.D., and
Darryl Snabes*
Nancy and Steven Goldstein, Ph.D.*
James Oliver Johnston, M.D.
Susan and Wilmont R. Kreis, M.D.
Elaine and Olaf U. Lieberg, M.D.

Drs. Ruth Barrington Nauts and
Jack Gallagher
Kevin Odle & Associates, Inc.
Pfizer, Incorporated
Zimmer / Zimmer Great Lakes, Inc.

\$1,000 to \$2,499

Arthrex / Midwest Associates, Inc.
Drs. Matthew Bueche and
Kim Lindenmuth
Michelle S. Caird, M.D., and
Andrew Caird*
Joan and Glenn B. Carpenter, Jr., M.D.
Carl R. Coleman, M.D.
Faustine and Curt P. Comstock, M.D.
DePuy Orthopaedics, Inc.
Joanne K. Drazek
David P. Fisher, M.D.
Deirdre and Andrew A. Freiberg, M.D.
Genzyme
Lisa and James A. Goulet, M.D.*
Elizabeth and Gregory Graziano, M.D.*
Beverly and Robert H. Hartwig, M.D.
Donna and John A. Henke, M.D.
Barbara and Robert N.
Hensinger, M.D.*
Alan S. Hilibrand, M.D.
John B. Huntington, M.D.
Integra LifeSciences Corporation
Thomas M. Keating, M.D.
King Pharmaceuticals
Justine and Stephen E. Koenigsberg
Drs. Janet Kuhn and John E. Kuhn
Donna and A. Scott Lachniet, M.D.
John K. Morris, M.D.
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2008–2009 ORTHOPAEDIC CALENDAR

BADGLEY DAY

Friday September 26, 2008
8:00 a.m.–5:00 p.m.

Kensington Court Hotel

Guest Speaker: Michael
McKee, M.D., St. Michael's
Hospital, Ontario

For more information contact:
Bernie Mould @ 930-7407

**FOOT & ANKLE
LECTURESHIP**

Friday, October 24, 2008
8:00 a.m.–4:00 p.m.

Michigan Union

For more information contact:
Brandi Ekpiken @ 615-0220

PATHOLOGY DAY—OITE

Monday, November 3, 2008
7:30 a.m.–3:00 p.m.

Michigan Union

Guest Speaker: Alan Schiller,
M.D.

For more information contact:
Janie Lindberg @ 936-9594

SPINE LECTURESHIP

Friday, November 14, 2008
8:00 a.m.–12:30 p.m.

Palmer Commons

Guest Speaker: Jeffrey Wang,
M.D., from UCLA
Comprehensive Spine Institute
For more information contact:
Marisa Rhodes @ 936-7299

TRAUMA LECTURESHIP

Friday, April 24, 2009,
7:30 a.m.–4:00 p.m.

St. John's Conference Center,
Plymouth, MI

Guest Speaker: Richard Kyle,
M.D., from University of
Minnesota

For more information contact:
Pam Dietrich @ 647-6936

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