

Summer 2024

BREAKING NEWS

for the alumni & friends of the University of Nebraska Medical Center
Department of Orthopaedic Surgery & Rehabilitation

Orthopaedics is ranked #1 in Nebraska and in top 10% in the United States by *U.S. News & World Report*

U.S. News & World Report named Nebraska Medicine high-performing in Orthopaedic care for 2023 – 2024.

Orthopaedics at Nebraska Medicine was ranked the highest of all orthopaedic care in Nebraska. The orthopaedics rating is based on the analysis of various data categories, including patient outcomes such as patient survival, the volume of high-risk patients, patient experience, nurse staffing, and advanced clinical technologies.





Message from the Chair

It's that exciting time of year for the Department of Orthopaedic Surgery as we recently celebrated the resident and fellow graduates (pg 10) and welcomed six new orthopaedic surgery interns (pg 11). It is our first year with six residents, as we were successfully granted the increase from five to six residents per year by the National Residency Review Committee (RRC).

I also want to congratulate our department's orthopaedic surgeons, APPs, nurses, nurse assistants, and administrative staff, each of whom has contributed to the department's success. Our department and our hospital were recognized as the **#1 orthopaedic hospital in Nebraska** and the top 10% of hospitals in the United States. The orthopaedic surgery faculty and their sub-specialties can be found in the supplemental insert. Our group of twenty-six orthopaedic surgeons, thirteen APPs, and our adjunct faculty provide comprehensive care for patients with every imaginable type of musculoskeletal problem. The faculty and our adjunct faculty have also contributed nationally with nearly 100 scientific articles published over the last 12 months, 3 peer-reviewed grants, and countless regional, national, and international lectures as invited speakers.

Another recent celebration has been because of our improvement in patient access. We have added clinics for orthopaedic care at Village Pointe and in Blair. The new clinics are in addition to our current clinics at the Lauritzen Outpatient Center and Bellevue Medical Center.

Our sports providers have developed a multi-disciplinary, non-operative approach to evaluating and treating most over- and underhand throwing athletes. This includes screening exams, radiographic studies as needed, video analyses, and customized rehab, as well as re-directed movement plans for athletes and families, using pain as a critical guide. Our goal is to keep athletes throwing through a comprehensive approach that drills down on everything from history to exams, preparation, movement, and recovery.

Along with our throwing athletes, our sports medicine team has seen tremendous growth in recent years and is the region's largest and most comprehensive program. We are proud to have a truly multi-disciplinary team anchored by 5 orthopaedic surgeons, 6 primary care sports medicine specialists, 7 physical therapists, and 19 athletic trainers who share the belief that elite care is important for athletes at all levels. The growth of our group has corresponded with steady expansion in our coverage of sports teams around Nebraska, with 15 area high schools, Union Soccer, LovB Volleyball, and medical coordination for Creighton University. Our recent addition as the official healthcare partner of Husker Athletics further strengthens the University system as a whole. Game On!

Finally, a BIG THANK YOU to Bill and Ruth Scott, who have had a profound effect on the medical center, the Orthopaedic department, and beyond. Bill passed away on February 27, 2024 and will be greatly missed. He was a friend and an amazing person who you could count on to do the right thing. The generosity and vision of Bill and Ruth will forever change the Orthopaedic department and the community.

Sincerely,

Kevin L. Garvin, MD
L. Thomas Hood Professor of Orthopaedic Surgery
Chair, UNMC Department of Orthopaedic Surgery & Rehabilitation



Breaking News Summer 2024

Breaking News is published two times a year for alumni and friends of the UNMC Department of Orthopaedic Surgery.

Chair:
Kevin L. Garvin, M.D.

Administrator:
Julie Zetterman, MBA

For questions or comments,
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Find us online!
www.unmc.edu/orthosurgery



Orthopaedics now providing care in Blair, Nebraska

The Nebraska Medicine Orthopaedics and Sports Medicine program broadened its reach to care for more patients in March 2024 at Memorial Community Hospital in Blair, Nebraska. Services they will be providing include joint replacement, sports medicine, and spine surgery.

Matthew Tao, MD, believes this partnership is a win-win for everyone. "Our Orthopaedic team has been evaluating outreach opportunities for some time, but we have intentionally been selective as we view this as a partnership and not just a means of expansion," Dr. Tao says. "From the first discussion with the group

at Memorial Community Hospital, it was clear that our goals were aligned. The community in Blair needs to have high-quality care close to home, and we believe that we can be a big part of that by expanding their Orthopaedic service line with Nebraska Medicine sports medicine, spine, and adult reconstruction surgery."

Our Sports Medicine team has seen tremendous growth in recent years and is the region's largest and most comprehensive program.

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Orthopaedic Surgeons

- » Richie Amendola
- » Justin Greiner
- » Ed Fehringer
- » Matt Tao
- » Matt Teusink

Primary Care Sports Medicine

- » Hannah Hornsby
- » Monty Mathews
- » Ross Mathiasen
- » Jason Meredith
- » Alex Tomesch
- » Mike Weaver

Physical Therapists

- » Brian O'Reilly
- » Jason Roberts
- » Mike Rosenthal
- » Zach Specht
- » Carly Thomsen
- » Mike Wellsandt
- » Brett Woslager

Athletic Trainers

- » Justin Annin
- » Bob Hammons
- » Catherine Lewis
- » Rusty McKune
- » Bryant Pasho
- » Ivanna Uribe
- » Jonathon Vos
- » 12 PRN trainers



Hand procedures performed safely in clinic

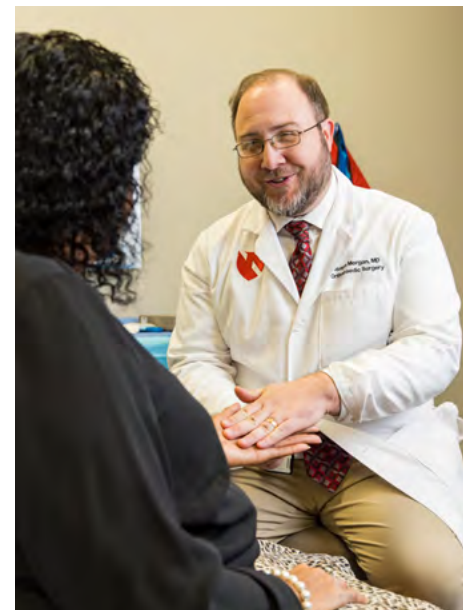
Planning a surgery can be costly and time-consuming. The idea of going to an operating room or a hospital can be scary for some. About three years ago, **Joseph Morgan, MD** proposed that Nebraska Medicine should consider moving some minor hand procedures from an OR setting to a clinic setting.

“This all started during the COVID-19 pandemic in 2020 — we weren’t able to do as many surgeries in the OR from an elective standpoint,” says Dr. Morgan. “We were hoping to improve access and make it easier for patients who didn’t need to go to the OR and deal with those restrictions. It’s beyond that now, as we’ve loosened COVID-19 restrictions.”

Dr. Morgan specializes in upper extremity care, from elbows to fingertips. He treats nerve injuries and compressive neuropathies, microvascular surgery, degenerative conditions and traumatic injuries to the hand and wrist. Some of the procedures he and his team, including Denise Sydnor, CMA, and Erin Walsh, PA, treat in the clinic are:

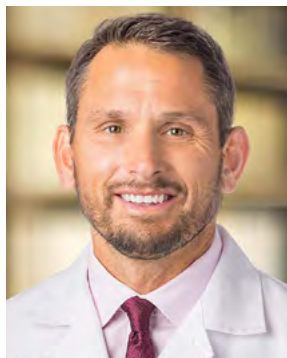
- » Carpal tunnel release
- » Trigger finger release
- » Percutaneous needle aponeurotomy for Dupuytren’s contracture
- » Mucous cyst or ganglion excision in finger
- » De Quervain’s release
- » Mallet finger repair
- » I and D finger joints
- » Partial finger amputation

There are many benefits for patients to have these procedures performed in the clinic rather than traditional outpatient surgery in an OR setting. These including cost, time, stress, convenience, and accessibility.



Faculty Promotions

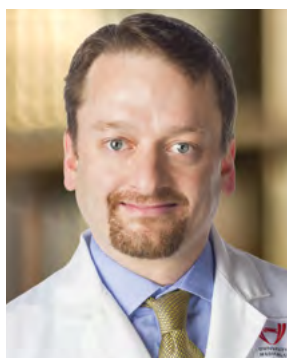
Chris Cornett, MD Professor



Dr. Chris Cornett's journey to becoming a professor reflects his dedication to his field of orthopaedic surgery specializing in spine care. He started as an assistant professor at UNMC in 2011 after completing his spine fellowship at the University of Pittsburgh, and was promoted to associate professor in 2017. His appointment as the L. Thomas Hood, MD Professor of Orthopaedic Surgery in 2020,

further underscores his expertise and contributions to the field. Dr. Cornett's focus on providing high-quality, conservative spine care for the region demonstrates his dedication to ensuring the well-being of his patients while staying at the forefront of medical advancements in his field. His promotion to professor in July 2024 is a well-deserved recognition of his accomplishments and contributions to orthopaedic surgery.

Sean McGarry, MD Professor



Dr. Sean McGarry's progression within the academic ranks, culminating in his promotion to professor in July 2024, speaks volumes about his expertise and contributions. The recognition of his efforts came with his promotion to associate professor in 2013, followed by the prestigious appointment as the James R. Neff, MD Musculoskeletal Oncology Chair in 2017. This chair appointment

underscores his significant impact on advancing research, education, and clinical care in musculoskeletal oncology. His promotion to professor further solidifies his position as a leader in the field of orthopaedic oncology, recognizing his outstanding achievements and dedication to advancing patient care and research in this critical area of medicine.

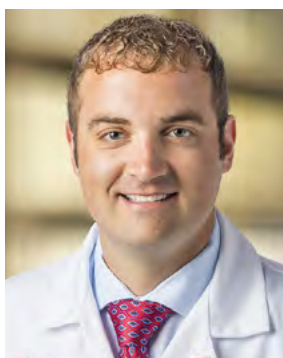
Joseph Morgan, MD Associate Professor



Dr. Joseph Morgan has reached the academic level of associate professor, effective July 2024. After completing his hand fellowship at Rush Medical Center in Chicago, Dr. Morgan was hired as an assistant professor and became board certified by the American Board of Orthopaedic Surgery (ABOS) in 2018, followed by an ABOS sub-specialty certificate in surgery of the hand in 2020. Dr.

Morgan is an effective teacher and mentor for all UNMC learners demonstrates his dedication to education and shaping the next generation of orthopaedic surgeons. He is an orthopaedic specialist in hand and upper limb extremity pathology, further highlighting his focus on providing specialized care to patients with complex conditions in these areas.

Scott Vincent, MD Associate Professor



Dr. Scott Vincent's connection to Nebraska runs deep, beginning with his education at the University of Nebraska. As a Nebraska native, he embarked on his academic journey by matriculating at the University of Nebraska Medical Center. He earned his undergraduate degree at the University of Nebraska-Kearney, completed his medical degree from the University of Nebraska College of

Medicine, and then completed his orthopaedic surgery residency at the Department of Orthopaedic Surgery and Rehabilitation at the University of Nebraska Medical Center. Upon completing a Spine Surgery Fellowship at the University of Wisconsin in 2017, he joined the UNMC Orthopaedic Surgery Department as an assistant professor. His promotion to associate professor in July 2024 is a testament to his dedication and expertise in the field of spine surgery.

Awards



Congratulations Alum!

Dr. Joe Morgan was awarded the 1st annual Mizzou Distinguished Orthopaedic Alumni Award. This award recognizes distinguished research, education, and/or humanitarian service with an impact in orthopaedics by a member of the University of Missouri Orthopaedic Association.



AORN Physician of the Year

Congratulations to **Dr. Beau Konigsberg**, who was named the 2024 Physician of the Year by the Association of Perioperative Registered Nurses (AORN) Omaha chapter. This award is given by the Omaha AORN chapter in appreciation for his dedication and support of perioperative nurses.

Dr. Siebler becomes COM Phase 3 Director



Justin Siebler, MD, became UNMC's College of Medicine's Phase 3 director on March 1, 2024. He will replace Dr. David O'Dell, who has held the position since its inception "and has done a fantastic job since," says Dr. Siebler. As the Phase 3 director, Dr. Siebler will oversee the different components of the fourth-year medical school's curriculum.

Previously, Dr. Siebler was one of two directors who assisted with the Curriculum Enhancement Seminar during students' fourth year of medical school, called Phase 3. These seminars occur approximately once a month and cover topics that don't easily fit into the medical school curriculum.

Dr. Siebler believes this previous experience helping fourth-year medical students

will help him in his new role as Phase 3 director. "That experience was one of the reasons why I was excited about this position," says Dr. Siebler. "I've always enjoyed working with and teaching medical students and residents. I value participating in the College of Medicine, and I believe all the roles I've served in have helped me prepare for this position."

In his new role, Dr. Siebler looks forward to continuing to help develop the curriculum for medical students and the College of Medicine and working with people as passionate about education as he is. "I'm fortunate to be able to work with others who are enthusiastic about our medical students' education," says Dr. Siebler.

Father & Son Demonstrate Surgical Teamwork



Dr. Ned Amendola, first vice-president of the American Academy of Orthopaedic Surgeons (AAOS) Board of Directors and a sports medicine surgeon at Duke University, was a guest lecturer for the UNMC Department of Orthopaedic Surgery and Rehabilitation. Following the lecture, his son, **Dr. Richard Amendola**, an orthopaedic surgeon at UNMC, joined him for a surgical simulation education session for residents at the UNMC iEXCEL (Interprofessional Experiential Center for Enduring Learning) Center. This special intergenerational simulation featured the father-son surgical duo conducting an osteotomy lab for practicing clinicians and students.

Researchers explore treatment for biofilm infections

A paper published earlier this year in the *Journal of Clinical Investigation* by a UNMC team of researchers and collaborators suggests a path for dealing with bacterial biofilm that can form on artificial joint implants and resist the attempts of the body's immune system to clear it.

Tammy Kielian, PhD, professor in the UNMC Department of Pathology, Microbiology and Immunology, and **Kevin Garvin, MD**, chair of the UNMC Department of Orthopaedic Surgery, led a team that saw success in treating a biofilm-infected surface, reducing bacterial burden dramatically without having to remove the artificial joint.

The process, developed in animal models, is a longstanding project, and the new paper is just the latest collaborative effort to explore how to deal with these biofilms, which are frustratingly able to avoid attack by the body's immune system, Dr. Kielian said.

As a result, biofilm infections in humans currently almost always require the removal of the infected implant, which can lead to other complications.

Patients suffering from a biofilm-associated prosthetic joint infection are faced with a tremendous challenge, Dr. Garvin said.

Typically, patients require surgery to remove the prosthesis and excise infected and necrotic tissue, followed by a six-week course of parenteral antibiotics. If the recovery is favorable, a prosthetic joint can be re-implanted.

"While the outcome of reimplantation is 80 to 90% successful, the morbidity and mortality associated with two operations and IV antibiotics are alarmingly high," he said.

"The potential of this research under the direction and leadership of Dr. Kielian will lessen the need for surgical treatment and has the potential to be one of the greatest contributions in decades for patients who suffer from a prosthetic joint infection."

The team worked to better understand why the immune system was not working well in these cases and to reprogram that response to be better able to recognize these biofilms, which are really challenging to treat.

"The bacteria in these biofilms have many ways to trick the immune system,"

Dr. Kielian said. "The biofilm is giving signals that make the immune system dysfunctional. It's basically cloaking itself, if you will, giving the wrong signal — kind of, 'Hey, don't worry about killing us.'"

In the new study, the team developed a nanoparticle-delivered drug to an immune cell that normally is immune suppressive, making them better able to recognize the biofilm as being foreign and to attack it, Dr. Kielian said. "We now have good information on changes that happen in both our mouse model and human samples, and we're using that information to try to develop new therapeutic approaches down the road."

In the recently published paper in *The Journal of Clinical Investigation*, the team and lead authors Prabhakar Arumugam, PhD, and Christopher Horn, PhD, targeted one cell type that is known to be important for preventing bacterial clearance, but more work is planned.

"We're working toward a combinational approach, because the immune responses in these infections, both in animal models as well as human patients, are very complex. But I do feel that we are making some good advances."



Kevin Garvin, MD



Tammy Kielian, PhD

Dr. Kielian said she was excited that the signals the team saw in human cells donated by patients with these infections were similar to the reactions in animal models. "That means our mouse model is really a good system for us to continue to test new therapies," she said. "We feel confident that this is an excellent system."

Dr. Garvin also expressed optimism. "In time, we hope to see clinical evaluation of this translational research and compare it to our standard treatments," he said.

Dr. Kielian called the collaboration at UNMC a game changer, particularly with **Curtis Hartman, MD**, of the department of orthopaedic surgery, providing access to several samples from his patients with prosthetic joint infection.

"Dr. Hartman and I have been honored to participate in this exciting research," Dr. Garvin said. "It is an ideal situation in which Dr. Kielian and her team have developed a scientifically favorable model that has included our patients' tissue. We now have five surgeons who manage patients with prosthetic joint infections and are excited for the future. The patients, too, are hopeful and will be enthusiastic contributors as they hope future patients will benefit from this research."

Spotlight on Research – KArAT

Total knee replacement (TKR) is used widely to alleviate pain and improve function for people with advanced knee osteoarthritis.

Almost 800,000 TKRs are performed annually in the U.S., and most individuals report satisfaction with the procedure and improvements in pain and function. However, most TKR recipients do not increase their physical activity levels post-surgery, even as pain and function improve.

As greater physical activity can lead to further decreases in pain, lower risk of common chronic diseases, and an improvement in quality of life, it is critical to find ways to help TKR recipients become more active post-surgery. In KArAT (Knee Arthroplasty Activity Trial), we will assess whether personalized guidance from a health coach coupled with financial rewards can effectively increase physical activity post-TKR.

KArAT is led by Elena Losina, PhD, MSc, at Brigham and Women's Hospital, alongside a team of investigators from Mass General Brigham, UNMC, Northwestern University, the University at Buffalo, and the University of Kansas. Dr. Elizabeth Wellsandt, associate professor in the UNMC Physical Therapy Program with a joint appointment in orthopaedics, is the lead of the UNMC site in collaboration with **Drs. Christopher Deans, Curtis Hartman, Beau Kildow, Beau Konigsberg,** and **Kevin Garvin** in the UNMC Department of Orthopaedic Surgery. The study is funded by the National Institute of Arthritis and Musculoskeletal and Skin Diseases. Enrollment began during Spring 2023.



Elizabeth Wellsandt, PT, DPT, PhD, OCS



For further information, please see our NIH grant abstract. [reporter.nih.gov]

High School Alliance senior's research is stellar

Mercedes Renken, a Burke High School graduate and participant in the UNMC High School Alliance, has drawn from her research experience in the UNMC Orthopaedic Biomechanics and Advanced Surgical Technologies Laboratory, led by Director **Hani Haider, PhD**, to create a research project that has won a flurry of awards.

Among her honors was qualifying for the American Junior Academy of Science national science fair in Boston in February 2025.

Renken, in her second year at the High School Alliance, worked closely with UNMC orthopaedic research associate Alex Eischeid, who also is an alliance alum. Renken's project helped characterize

orthopaedic implant materials used in artificial joints in terms of their friction.

Renken's role in the project, which became the basis for her award-winning research poster, was investigating the inclusion of a specific preservative agent — ethylenediaminetetraacetic acid, or EDTA — in the lubricant to help make it stable during testing. Her work answered the question as to whether this additive changed friction or had an effect over time on the lubricants.

While her results were incorporated into a draft paper manuscript Eischeid and the team are preparing, she also produced a research paper and poster, which then went on to win several local and regional awards.

The HSA Stellar Senior Program allows



Mercedes Renken with Alex Eischeid

students who have participated in the High School Alliance as juniors to apply to return for their senior year. During their second year, students can take classes that they did not take in the first year, or the program matches them with a bench or clinical research opportunity.

CLASS of 2024



Left to right, Neil Antonson, MD, Erik Moore, MD, Joseph Nash, MD, John Werner, MD, and John Rosenberg, MD

The Class of 2024 celebrated their graduation with a June 14, 2024 symposium before they spread nationwide to participate in their chosen fellowships.

Each graduating resident presented their graduate research project and listened to visiting professor Annunziato “Ned” Amendola, MD, the Harold and Marian Anderson Lectureship speaker, Mr. Kenny McMorris, MPA, FACHE, CHCEE, and research updates and case presentations from faculty that focused on sports medicine.

Dr. Amendola is currently the Virginia Flowers Baker Distinguished Professor of Orthopaedic Surgery, Chief of the Sports Medicine Division, and Executive Director of the James R. Urbaniak Sports Sciences Institute at Duke University. In addition, Dr. Amendola is the head team physician and Chief Medical Officer for Duke Athletics.

Mr. McMorris is a veteran health care executive, innovator, influencer, and strategist with an extensive background in leadership, policy, community service, and public health.

NEIL ANTONSON, MD

- » Graduate Presentation: *Novel Technique for the Identification of Hip Implants Using Artificial Intelligence*
- » Fellowship: Indiana University Adult Reconstruction
- » Medical School: University of North Dakota School of Medicine and Health Sciences
- » Undergraduate: University of Colorado-Boulder

ERIK S. MOORE, MD

- » Graduate Presentation: *Gait Abnormalities in Elderly Patients Undergoing Elective Shoulder Surgery*
- » Fellowship: Lenox Hill Orthopaedic Sports Medicine
- » Medical School: University of Washington School of Medicine – Alaska WWAMI
- » Undergraduate: University of Nebraska-Lincoln

JOSEPH K. NASH, MD

- » Graduate Presentation: *Using Virtual Reality to Improve and Validate Transfer of Operative Skills in Orthopedic Residents*
- » Fellowship: Cleveland Clinic Hand & Upper Extremity
- » Medical School: University of Louisville School of Medicine
- » Undergraduate: Centre College

JOHN H. ROSENBERG, MD

- » Graduate Presentation: *Outcomes in Total Joint Arthroplasty in Patients with a Left Ventricular Assist Device*
- » Fellowship: Midwest Orthopaedics at Rush, Adult Reconstruction
- » Medical School: Creighton University School of Medicine
- » Undergraduate: U.S. Air Force Academy

JOHN H. WERNER, MD

- » Graduate Presentation: *Effect of Perioperative Administration of DVT Prophylaxis on Outcomes of Femur Fracture Fixation*
- » Fellowship: Kansas University Orthopaedic Sports Medicine
- » Medical School: Creighton University School of Medicine
- » Undergraduate: University of Notre Dame



Welcome Residents

CLASS of 2029

Abdi Abud, MD



Hometown: St. Louis, Missouri

Medical School: University of Missouri-Columbia School of Medicine

Nathan Davies, MD



Hometown: Arco, Idaho

Medical School: University of Washington

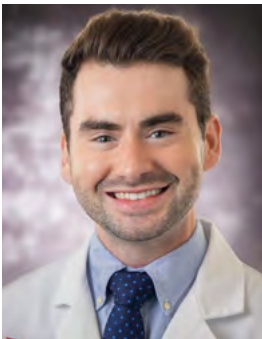
Alex Gavia, MD



Hometown: Granite Bay, California

Medical School: Creighton University School of Medicine

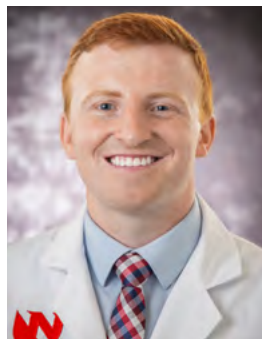
Philip Holubeck, MD



Hometown: Omaha, Nebraska

Medical School: University of Nebraska Medical Center College of Medicine

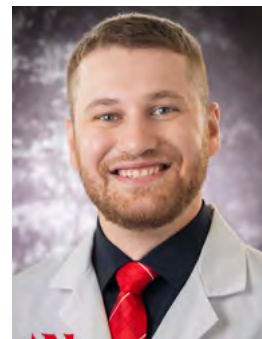
Hunter O'Connor, MD



Hometown: Sioux Falls, South Dakota

Medical School: University of South Dakota Sanford School of Medicine

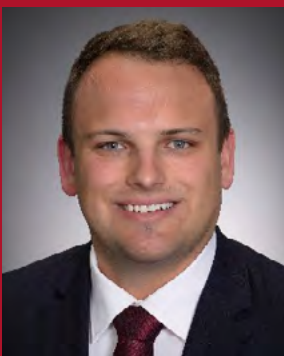
Nathanael Urban, MD



Hometown: Omaha, Nebraska

Medical School: University of Nebraska Medical Center College of Medicine

Welcome Fellow



Adult Reconstruction Surgery Fellowship

Jake Bianco, MD

Hometown: North Platte, Nebraska

College: Nebraska Wesleyan

Medical School: University of Nebraska Medical Center, College of Medicine

Residency: University of Kansas School of Medicine-Wichita



iEXCEL Helps First-Year Orthopaedic Residents Advance

Every July 1st, the Orthopaedic Department welcomes new first-year orthopaedic surgery residents to the department.

For the next year, these residents complete 12 one-month rotations in various specialties in addition to orthopaedics, such as neurosurgery, plastic surgery, critical care, etc. “Six months of their first year are within orthopaedics, and the other six months are in adjacent specialties, to give them a breadth of understanding,” says associate program director **Justin Siebler, MD**.

To bolster this training for these residents, Dr. Siebler and orthopaedic surgery residency program director, **Matthew Mormino, MD**, sought to build a hands-on surgical skills training course. “Our department’s first-year residents now do 11 clinical months and one month of training in February,” says Dr. Siebler. “During this month, our residents are in the ‘classroom’

daily learning different surgical skills hands-on.”

Thankfully, for these residents and all of UNMC, the Davis Global Center — a highly advanced clinical simulation facility — is an ideal partner for such interactive training. Specifically, the Orthopaedic Department runs this unique residency program from the Interprofessional Experiential Center for Enduring Learning (iEXCEL), housed within the Davis Global Center.

Each day, a different Orthopaedic Department faculty member teaches the class about a specific topic within orthopaedics before leading them in some related hands-on training. “It’s an uncommon course within orthopaedic surgery residencies nationally and has been

extremely well-received from our residents who have participated in the program,” says Dr. Siebler.

While this unique training offers numerous benefits for first-year orthopaedic surgery residents, it comes with a significant cost. This course costs approximately \$41,000 for the month, including facility, staff, equipment, instruments, and cadavers. “Currently, most of our funding for the iEXCEL course comes from the Orthopaedic Surgery Department and the University of Nebraska Foundation, with additional support from industry and vendor partners,” says Dr. Siebler. “Still, this is a great opportunity for our alumni looking to give back to our program and help financially support this course, its mission, and our residents.”

RESIDENT PRESENTATIONS & AWARDS

GME Research Symposium

The 2024 UNMC Graduate Medical Education Research Symposium in April. The event had nearly 120 research abstracts — both oral and poster.

The award winners at the event included a poster presentation from Orthopaedic Surgery PGY III **Tyler Kallman, MD** — *Changes in Anterior Tibial Translation Are Not Associated with Degradation in Weightbearing Cartilage of the Knee Following Anterior Cruciate Ligament Reconstruction.*

In addition to Dr. Kallman's research, the following orthopaedic residents were selected to present their research at the symposium:

- » **Dr. Keagan Gertz** *Collaboration Between Orthopedic Surgery and Psychiatry Residency Programs to Improve Education About Orthopedic Pain Management for Patients With Mental Illness*
- » **Dr. Timothy Lackner** *Ballistic Periprosthetic Fracture: An Unusual Indication for Revision Total Knee Arthroplasty*

AAOS Annual Meeting

Dr. Annemarie Leonard *Wait, but not too long: Earlier Cutting of Fiberglass Cast Compared to Plaster Cast is Safe*

MAOA Annual Meeting

Dr. Annemarie Leonard *The Blade Quality Scale: A Visual Classification System for the Use-Mediated Thermogenic Properties of Cast Saw Blades*

Dr. Ashley Creager *Feasibility of a Novel Fluoroscopic Trainer for the Orthopedic Trainee* **Matthew Freeman, MD**; Samuel Mormino, BS; Ashley Creager, MD; Elizabeth Lyden, MS; **Justin C. Siebler, MD**

The following awards were given at the 2024 graduation ceremonies:



Stone Academic Achievement Award: John Rosenberg, MD

The Frank P. Stone, M.D. award is presented to the graduating chief resident who has performed in an exemplary fashion, promoting scholarship and distinguishing themselves as an outstanding orthopaedic surgeon and educator.



Connolly Research Award: Neil Antonson, MD

The John F. Connolly, M.D. award is presented to the senior resident who has done outstanding research while in residency.



Congratulations!

Dr. Sarah Powell received a \$1,000 scholarship to attend the Ruth Jackson Orthopaedic Society (RJOS) annual meeting at the AAOA Annual Meeting.

In addition to the residency awards, the chief residents choose one faculty and one junior resident for outstanding teaching and dedication to the department.

- » Faculty Instructor Award: **Beau Kildow, MD**
- » Junior Resident Award: **Tyler Kallman, MD**

ITEACH Award



Innovation

Search for a better way. Seek and implement ideas and approaches that can change the way the world discovers, teaches and heals. Drive transformational change.



Teamwork

Respect diversity and one another. Communicate effectively and listen well. Be approachable and courteous. There is no limit to what we can achieve when we work together.



Excellence

Strive for the highest standards of safety and quality in all that you do. Work to achieve exceptional results.



Accountability

Commit. Take ownership. Be resilient, transparent and honest. Always do the right thing and continuously learn.



Courage

Make the tough decisions. Have no fear of failure in the pursuit of excellence. Admit mistakes and learn from them.



Healing

Show the empathy you feel. Be selfless in caring for patients, one another and the community.

On May 8, 2024, Nebraska Medicine recognized nurses throughout the organization at the nurse appreciation and award ceremony who represent our ITEACH values.

It was at this ceremony that Nebraska Medicine awarded two of our orthopaedic nurses, **Kayla Mace, MSN, BSN, RN** and **Michaiah Anderson, RN**, as extraordinary nurses.

Linette Jahn, RN was awarded the overall ITEACH award for Teamwork.



Kayla Mace, MSN, BSN, RN



Linette Jahn, RN

Congratulations to all the orthopaedic nurses who were nominated by their peers in the following categories:

- » **Teamwork:** Linette Jahn, RN; Katie Kottas, RN; Sandi Wakehouse, RN
- » **Excellence:** Kayla Mace, MSN, BSN, RN; Peggy Mazzeo, RN
- » **Healing:** Caitlin Johnson, RN; Amy McGarry, RN; Nicole Waters, BSN, RN
- » **Rita Van Fleet Rising Star:** Katie Kottas, RN
- » **Carol Wilson Quality in Nursing:** Debbie Warren, NP

Remembering Bill Scott

University, UNMC, and the Orthopaedic Department mourn the passing of longtime supporter

On February 27, 2024, the University of Nebraska community lost one of the most transformative donors in the university's history, Bill Scott. The Orthopaedic department and the community will forever be changed by the generosity and vision of Bill and his wife, Ruth.

Both natives of Ashland, Nebraska, Bill Scott was a 1953 graduate of the University of Nebraska-Lincoln (UNL) College of Business. He joined the Buffett Partnership in 1959 and Berkshire Hathaway in 1970, where he remained until the early 1990s. Ruth Scott, who earned her bachelor's degree in education from UNL, became a teacher and went on to found the Omaha Bridge Studio.

The Scotts have been deeply rooted and invested in the Omaha community and the State of Nebraska throughout their lives. With a focus on supporting education and children through their foundation, the Scotts have contributed significantly to the city's and state's progress, health, and vitality in a quiet but exceptional way. The Scotts' generosity has benefited students, faculty, and programs across all the University of Nebraska campuses. Along with many other donations throughout the university system, The Scotts were the lead donor for The Lauritzen Outpatient Surgical Center's fourth level, which houses the UNMC Department of Orthopaedic Surgery and Rehabilitation, our research laboratories and educational spaces along with a center for telehealth.

"Bill and his wife Ruth have shaped the medical center with their philanthropic leadership," Dr. Linder said. "They have contributed to the construction of over a dozen buildings, which have been used to educate thousands of students, and helped us to recruit outstanding staff and faculty.



"Bill Scott was a champion of the faculty, staff, and students at UNMC. More so, he was a wonderful friend and simply a terrific human being," said UNMC Chancellor Jeffrey P. Gold, MD.

Dr. Kevin Garvin, orthopaedic chair, concluded by saying, "Bill and his wife, Ruth, have had a profound effect on the medical center and beyond. Bill was a friend and an amazing person who you could count on to do the right thing."

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Clinic Locations

Clinic: 402.559.8000

Lauritzen Outpatient Center

4014 Leavenworth Street, Level one
Omaha, NE 68105

Orthopaedics at Bellevue Medical Center

2500 Bellevue Medical Center Dr.
Bellevue, NE 68123

Village Pointe

17405 Burke St.
Omaha, NE 68118

Children's Nebraska

Specialty Pediatric Center – Orthopaedics

Clinic: 402.955.6300
111 N. 84th Street
Omaha, NE 68114

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- 8** Researchers explore treatment for biofilm infections
A paper published earlier this year in the *Journal of Clinical Investigation* by a UNMC team of researchers and collaborators suggests a path for dealing with bacterial biofilm that can form on artificial joint implants and resist the attempts of the body's immune system to clear it.

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