



Mayo Clinic School of Health Sciences

A publication for alumni, students, faculty and friends of Mayo Clinic School of Health Sciences





# Here's how (and why) you should be a mentor

It would have been wonderful to have a mentor when I was approaching graduation. I would have asked for job-seeking advice, how to negotiate a salary and what to ask prospective employers to help me determine the right place to work.

I figured it out by asking my fellow students and teachers. But hearing from someone who was just ahead of me on the career path would have been so helpful.

For the first time, Mayo School of Health Sciences Alumni Association is offering its members the opportunity to share just that type of wisdom with students. Alumni Connect is a new self-service, online mentor matching program.

There is no charge for mentors or mentees, and participation is

voluntary. Mentors register at <a href="https://mshsalumni.edu">https://mshsalumni.edu</a>. Mayo Clinic School of Health Sciences Students will be able to contact a mentor, searching by geography and program.

Then you and your mentee connect. The mentor-mentee relationship might involve a few phone calls and emails as a student seeks out a first job. (That's what I would have liked.) Or a student might seek out advice on clinical rotations. Or, the relationship might evolve into a years-long professional connection where you learn from each other. You and your mentee determine the parameters.

Watch for an email with more details soon. Make sure the alumni office has your current email address. There's an eager student in your future who will benefit from your career experience.

And, congratulations to all graduates of 2016! Your hard work, dedication, new skills and knowledge have prepared you for great careers. (And you can sign up to be mentors, too!)

Regards,

Than She

Karen Sherk, NP President, MSHS Alumni Association Nurse Practitioner Program Class of 2007





# Mayo Clinic School of Health Sciences

# Connections

A publication for alumni, students, faculty and friends of Mayo Clinic School of Health Sciences

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# What's new in our name? Mayo Clinic

Mayo School of Health Sciences has a new name: Mayo Clinic School of Health Sciences.

The change is part of a rebranding to emphasize Mayo Clinic in all its school names.

"The name Mayo Clinic is synonymous with excellence," says Fredric Meyer, MD, executive dean of education, Mayo Clinic. "We felt that strong brand needed to be conveyed across all of Education."

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Medical Physics Residency

Molecular Genetics Technology





**Nuclear Medicine Technology** 

Nurse Anesthesia

Nurse Practitioner

Perioperative Nursing

Pharmacy Residency

Phlebotomy Technician

Physical Therapy

Physician Assistant

**Radiation Therapy** 

Radiography

Respiratory Care

Sonography

Surgical First Assistant

» https://mshsalumni.mayo.edu

» facebook.com/mshsalumni

# Highlights from

# Ranked #1 in the Nation



We're #1

Mayo Clinic School of Health Sciences (MCSHS) students in Arizona, Florida and Rochester are training in hospitals with top ratings from *U.S. News & World Report*. Here are highlights of the magazine's Best Hospitals rankings for 2016-17:

- Mayo Clinic is ranked #1 in the nation.
- Mayo Clinic is ranked #1 in more specialties than any other hospital.
- Mayo Clinic is ranked #1 in Arizona and in the Phoenix metro area and is now nationally ranked in 10 data-driven specialties.
- Mayo Clinic in Florida is tied for #1 in Florida and #1 in the Jacksonville, Florida, metro area.

There are new program offerings, a new education leader and even a new school name.

# Coming together for convocation

Students and faculty from Arizona and Florida tuned into the MCSHS convocation on the Rochester campus Sept. 8, 2016, via video conference. Michael Silber, MB, ChB, dean, MCSHS spoke about "Tests and Choices."





High ranks in "Best Health Schools" list Two MCSHS programs were highly ranked in the latest *U.S.* News & World Report list of Best Health Schools. The Nurse Anesthesia Program ranked in the top 10 nursing anesthesia

programs in the nation. The Physical Therapy Program was ranked 20th among more than 200 programs.

Big tent (with small classes) for allied health education

In 2016, 1,653 students were enrolled in 130 different MCSHS programs. The student to faculty ratio was 11:1.

# Workforce of the future

Thirty-six students participated in the first MCSHS weeklong Career Immersion Program on the Rochester campus.







Welcome Executive Dean Fredric Meyer Fredric Meyer, MD, is the new Juanita Kious Waugh Executive Dean for Education, Mayo Clinic College of Medicine and Science.

Dr. Meyer leads the educational strategies and direction of Mayo Clinic College of Medicine and Science, which includes MCSHS, Mayo Clinic School of Medicine, Mayo Clinic School of Graduate Medical Education, Mayo Clinic Graduate School of Biomedical Sciences and Mayo Clinic School of Continuous Professional Development.

# New fellowships

Physical Therapy launched new fellowships in neurology and sports medicine.

The first graduates completed the new Nurse Practitioner/ Physician Assistant Emergency Medicine Fellowship.

Mayo Clinic School of Health Sciences

This new school name was announced in fall 2016, emphasizing we are part of Mayo Clinic.







# Alumni everywhere

MCSHS has 17.938 alumni. Find a classmate or other alumni in your community. Log in and fill out your alumni profile at https://mshsalumni.mayo.edu

Introducing MCSHS-trained paramedics

The first class of the Emergency Medicine Paramedic Program graduated eight students in 2016. All passed the National Registry of Emergency Medical Technician Paramedic written examination on the first try. •

### >>> GRADUATE PROFILES





















Meet a few of the remarkable graduates of 2016. They share what inspired their careers in health care and their aspirations to make a difference for patients.



#### Brian Bayerkohler // Sonography

### Ultrasound: So much more than obstetrics

As a kid, Brian Bayerkohler remembers watching TV shows such as "Untold Stories of the ER," "Rescue 911" and "Medical Mysteries." He says these shows are what piqued his interest in health care careers while growing up in rural South-Central Minnesota. So it wasn't surprising when during college, he worked as an emergency medical technician for Minnesota State University, Mankato, and as a technician in the intensive care unit (ICU) at Mayo Clinic Health System in Mankato.

In the ICU, Bayerkohler noticed how ultrasound imaging was used to help diagnose patients' conditions, and he wanted to learn more. He shadowed a sonographer — a Mayo Clinic School of Health Sciences (MCSHS) alumna who told him about the school's Sonography Program.

"I got to see different ultrasound applications, including thyroid and abdominal," he says. "I liked that the MCSHS program covers all three ultrasound specialties — vascular, abdomen and obstetrics."

Bayerkohler completed the two-year Sonography Program in May and now works in the Department of Radiology at Mayo Clinic in Rochester. He completes eight to 10 sonographic studies a day, checking for conditions including carotid stenosis, varicose veins, venous blood clots, thyroid disease, kidney disease, liver disease and dialysis-related conditions.

"I like the range of patients and pathologies — every day is different," he says.

Bayerkohler was the only man in his class of nine students and is one of only 12 men in a department of 81. He encourages other men to consider training in diagnostic ultrasound.

"Many people think only about obstetrics and women's health care when they hear ultrasound, and men often aren't as interested in that," he says. "But ultrasound is much more than that, and it continues to change and grow.

"I'm learning how to perform additional cuttingedge exams using different forms of ultrasound, including assessing to see if blood vessels get pinched during exercise for patients who have leg pain during high-performance athletics," Bayerkohler says. "I've become a lifelong learner, and this profession is wellsuited for that mindset."

#### Michelle Miland // Nurse Practitioner Acute Care

#### An acute desire to know more

Michelle Miland, DNP, went back to school to improve care for her surgical patients at Mayo Clinic Health System in Eau Claire – Luther Campus. By doing so, she became the first Mayo nurse practitioner to complete a post-master's certification as a nurse practitioner in adult-gerontology acute care.

"Like so many nurse practitioners, I trained in primary care, but my work is in an acute-care setting," says Miland, who works in general surgery and sees mainly hospitalized patients. "The acute care program



really helped me understand the medical conditions in my patients."

The certification program involves five weeks of intensive classroom instruction through Winona State University, Winona, Minnesota, plus 300 to 500 hours of clinical rotations through Mayo Clinic School of Health Sciences (MCSHS).

Miland grew up in Rice Lake, Wisconsin. After earning a bachelor's in nursing from Viterbo University, La Crosse, Wisconsin, in 2004, she moved to Eau Claire to become a registered nurse in the operating room at Sacred Heart Hospital. She joined Mayo Clinic Health System in Eau Claire in 2006 as an operating room nurse, primarily for orthopedics and neurology.

She moved into general surgery as a nurse practitioner in 2011 after completing a Master of Nursing degree in adult primary care from the University of Wisconsin-Eau Claire. A Doctorate of Nursing Practice from the University of Wisconsin-Eau Claire followed in 2013.

Still hungry for knowledge, Miland chose to pursue the certification in acute care.

"I had good preparation as a nurse practitioner, but it's not enough for the role I'm doing," she says. "I wanted a stronger base in hospital medicine, where every patient involves a varying degree of urgency."

Through MCSHS, she was able to customize her clinical rotations. Miland worked with hospitalist medicine, cardiology, neurosurgery and critical care — all at the hospital in Eau Claire.

"It was challenging," Miland says. "Then I took what I learned in school and applied it to my job. It made me a better clinician."

"The acute care program really helped me understand the medical conditions in my patients." - MICHELLE MILAND, DNP



#### **Kyndra Baker // Surgical Technology**

## Grandfather plants seed for health care career

Richard Compart knew a thing or two about planting seeds. He helped grow Compart Family Farms into a thriving business, with thousands of acres of crops and heads of hogs. His granddaughter, Kyndra Baker, remembers him planting a different kind of seed years ago.

"When I was in high school, my grandpa told me I'd be a good surgical tech," says Baker. "He'd been a surgical technologist in the army and thought that would be a good fit for me. He knew I loved anything related to medicine."

A few years after that conversation, Baker enrolled in the Surgical Technology Program, a joint program with Rochester Community and Technical College and Mayo Clinic School of Health Sciences. Shortly after starting, she knew her grandpa had advised her well.

"I never doubted this was right for me," says Baker, who relished learning each task, from creating a sterile surgical field to draping patients and handing instruments to a surgeon. "I was excited every day to learn new things." After graduation, Baker began working in the Pediatric Surgery Department at Mayo Clinic in Rochester. It wasn't the path she expected to take.

"I thought I would go home to Mankato after graduation," says Baker, who still returns to the family farm most weekends, jumping on a tractor to help out. "But I love working with these very sick kids. And working for the No. 1 hospital in the nation is awesome."

Baker says her colleagues are also awesome. She's enjoying becoming a part of the surgical team.

"I try to get to a point where I know what the surgeon wants before he or she even asks," Baker says. "Once you get to know the surgeon well, you work together like a machine."

Though her grandfather passed away before learning what happened to this particular seed he planted, Baker has a hunch she knows what he'd think about how it bloomed.

"I think he'd be really proud of me," she says.

#### Ruqaya Abdalrazak // Phlebotomy Technician

## Beneficiary of a helping hand takes pride in helping others

In 2006, when she fled her native Iraq due to civil war, Ruqaya Abdalrazak couldn't have imagined that her future would include working at Mayo Clinic. She'd never heard of Minnesota, much less Rochester or Mayo Clinic.

"We didn't know anyone in Minnesota or even in the U.S. It was chosen for us by the United Nations," she says. "But we love it here. It's safe and quiet and has friendly people."

Abdalrazak and her family spent about two years in Syria before moving to Rochester in 2008 as refugees. In Iraq, she had been a physical education teacher and had earned a bachelor's degree.

Since coming to Rochester, Abdalrazak has volunteered at Rochester Community Dental Care, Rochester Public Library and Rochester Public Schools. She completed an internship at the Intercultural Mutual Assistance Association in Rochester, which led to a position as an instructor with the organization. She taught job skills to refugees and was an Arabic language interpreter.

"When we first moved here, a lot of nice people helped us, and that made it easy for us to establish our new life here," she says. "That made me like helping others."

Abdalrazak spent three years fine-tuning her English skills at Hawthorne Education Center — part of Rochester Community Education — and another year taking general classes at Rochester Community and Technical College.

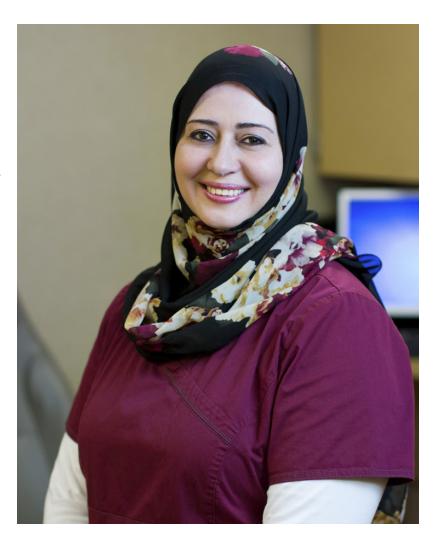
She applied for several jobs at Mayo Clinic, without success, before a friend told her about the Phlebotomy Technician Program at Mayo Clinic School of Health Sciences (MCSHS).

"My family and I had been Mayo patients for checkups, but being able to work there was a dream. 'Could I really work there?'" says Abdalrazak. "When I knew I was accepted (to MCSHS), I was so excited."

Abdalrazak completed the program in May 2016. "The teachers were great," she says. "They helped

us a lot and encouraged us all the time by saying, 'You will get it.'" She now works in outpatient care at Mayo Clinic.

In her new job, Abdalrazak says she gets satisfaction in making a difference in people's lives. "I like hearing patients' stories while I'm drawing blood, and they ask me about my story, where I came from and my journey to Mayo. I love it here. Mayo is a great place."





#### **Mohamed Yusuf // Respiratory Care**

# A love affair with respiratory care

A visit to the Emergency Department confirmed that Mohamed Yusef had chosen the right medical career path.

Soon after being accepted into the Mayo Clinic School of Health Sciences (MCSHS) Respiratory Care Program, Yusuf shadowed Mindy Eickhoff, RRT, a trauma respiratory therapist at Mayo Clinic Hospital -Rochester, Saint Marys Campus. She escorted him to the Emergency Department, where Yusuf was dazzled by Eickhoff's knowledge and passion treating patients with life-threatening conditions.

"She made me fall in love with respiratory care," he says.

Yusuf, RRT, a May 2016 graduate from the MCSHS Respiratory Care Program and the University of Minnesota Rochester (UMR), joined Mayo Clinic the following month as a respiratory therapist in the Trauma Intensive Care Unit at Saint Marys Campus.

"I always knew I wanted to be in the medical field," Yusuf says. "Now I get to provide a meaningful impact directly on patient care."

Yusuf was born in Yemen; his family had previously left war-torn Somalia. The family immigrated to the United States when he was 4 years old, eventually settling in Rochester.

After high school, Yusef attended Rochester Community and Technical College and then transferred to UMR. During the 21-month Respiratory Care Program, Yusuf's instructors say he was a leader, mentoring students, scoring near the top in a state respiratory care competition, and presenting a poster at the national meeting of the American Association for Respiratory Care.

"I put 110 percent into everything I do," he says. That has continued in his work at Mayo Clinic. At the end of the year, he will start training to be a trauma respiratory therapist. He also aspires to be part of a transport team that "brings Mayo Clinic to the patient."

"I want to be challenged," Yusuf says. "I really like the Emergency Department because you don't know what's coming through those doors. You need to think critically and be aware of all of the situations with the whole body and how they relate to cardiopulmonary function."

Best of all, he has opportunities every day to help people through a medical crisis.

"When the wife gives you a hug and says, 'Thank you for saving my husband,' I've never encountered a better feeling," Yusuf says. "It's an amazing career."

#### Rilwan Badamas // Pharmacy Residency

# Pharmacy graduate hones in on informatics

Rilwan Badamas, PharmD, is combining his interest in computers, technology and pharmacy in a specialized residency.

He is continuing his education as a Postgraduate Year 2 (PGY-2) resident in the Pharmacy Informatics Residency Program in Rochester. Badamas is a 2016 graduate of the Postgraduate Year 1 (PGY-1) Pharmacy Residency at Mayo Clinic School of Health Sciences in Florida. During his residency, he became a certified Health Information Specialist, the first pharmacy resident at Mayo Clinic to achieve this certification. He received his PharmD degree from the University of Maryland School of Pharmacy in Baltimore.

"Informatics seemed like a good way to merge my interests," he says. The PGY-2 Pharmacy Informatics Residency at Mayo Clinic started in 2015 and will undergo an accreditation survey by the American Society of Health-System Pharmacists (ASHP) in 2017. One student is accepted each year.

Badamas explains that medical informatics is a burgeoning field, combining patient care and the information technology to improve clinical workflows and maximize patient safety and care quality.

"Pharmacy informatics, in particular, focuses on ensuring orders and prescriptions are written appropriately and medications are administered properly," he says. As a resident, he'll participate and oversee development, analysis, feasibility, selection, education and training for medication managementrelated health information technology systems.

"In pharmacy informatics, you're a problem-solver and middleman between providers and patients," he says. "You are involved in how providers place medication orders, making sure patients get the right medications and working with automated dispensing systems.

Badamas says he interviewed for a pharmacy informatics residency at many institutions and

> ultimately decided on Mayo Clinic due to the widespread collegiality. "At Mayo, everyone is willing to help you even if they're in a different department. When I was in the residency program in Florida, I reached out to people in Rochester who didn't know me but still offered to review research and articles and help in any way they could," he says.

> He was also drawn to Mayo Clinic strong cadre of pharmacy informaticists. "Mayo Clinic has more than 50," says Badamas. "That, combined with the collegiality, represents a lot of possible mentoring and experiences for me."



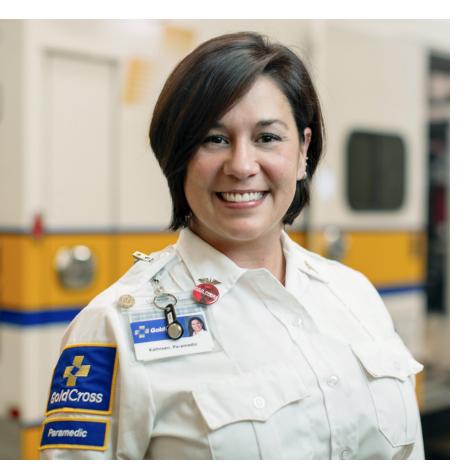
#### **Katie Meyer // Emergency Medicine Paramedic**

### Returning to school to pursue her passion

Katie Meyer has been fascinated by emergency medicine for as long as she can remember.

"My mom was an emergency room nurse and critical coronary care nurse," says Meyer. "I grew up hearing a lot of stories from her and was always very interested in those stories. If someone got hurt at school, I was always the person to run toward them."

But when it came time for her to choose a career, Meyer didn't pursue medicine.



"School and I didn't get along," she says.

Instead, Meyer trained to be an aircraft mechanic, and then entered the hospitality industry. But after many years, it wasn't a hospitable environment for her — and it wasn't how she wanted to live her life. It also wasn't the example she wanted to set for her three sons, then 15, 8 and 5.

After much soul searching and many conversations with Ben, her husband, Meyer decided to give school another shot. She enrolled in the inaugural Emergency Medicine Paramedic Program at Mayo Clinic School of Health Sciences.

Meyer says she was "intimidated" to be going back to school at age 38. But she was also driven. "I had a goal, a dream," she says. And so did her instructors. "Our instructors wanted us to succeed," says Meyer. "They were so passionate about our success that we felt we couldn't fail."

And they didn't. Meyer and her classmates passed the national registry exam on the first attempt. "Other programs are calling Mayo to find out what they did to get all of us to pass the first time through," she says.

The preparation she received didn't just pay off on paper. Meyer says she's grateful for her training every day. She now works for Gold Cross in Rochester, an advanced life support ground ambulance that is part of Mayo Clinic Medical Transport.

"I walk away from calls thinking, 'I'm so glad I went to school where I did," she says. "I don't think I'd feel as confident if I had trained anywhere else."

Meyer says she's also glad she made the decision to finally pursue her passion. "I can't say enough about diving in and doing what's right for you, no matter what your age," she says. "It feels amazing to love what you do."

"I don't think I'd feel as confident if I had trained anywhere else." - KATIE MEYER



#### Casey Jestrovich // Clinical Neurophysiology Technology

### Friend's suggestion starts a new career

Casey Jestrovich's future began with a blind date of sorts.

"A childhood friend graduated from the Mayo Clinic School of Health Sciences Clinical Neurophysiology Technology Program a few years ago and had a feeling it would be a perfect match for me," says Jestrovich, who was living in Colorado at the time. Jestrovich had gone to school for psychology and also studied to become an electrician. He was working at a health foods store.

"I'd found things I was interested in, but I hadn't found my niche," he says. His friend, Luke Sorrick, Class of 2008, thought the program would marry Jestrovich's interests. Turns out, he was a good matchmaker. "I love the direction I've gone in," Casey says. "I can see myself doing this work for a long time."

Jan Buss, R NCST, R EP T, director, Clinical Neurophysiology Technology Program, agrees that the profession suits Jestrovich's strengths. "He has great patient rapport. Allied health personnel and physicians enjoyed having Casey in the labs," she says. "He was an all-around great student."

Jestrovich describes the Clinical Neurophysiology Technology Program as "the hardest thing I've ever done," but says the challenges prepared him for the work he's doing as an intraoperative monitoring technician in Neurology/Electromyography at Mayo Clinic.

"The hands-on experience we got in the program was invaluable," he says. "No other place can give you that kind of experience. We got to see things other people just read about in text books. The sheer volume of cases at Mayo means you're going to see a lot more than you would at any other program."

Jestrovich says he's glad he decided to take the leap when his friend recommended Mayo Clinic's program.

"I feel like there's a purpose to what I'm doing now," says Jestrovich, whose girlfriend, Lauren Emerson, also left Colorado to attend Mayo Clinic School of Health Sciences. She's enrolled in the Echocardiography Program. "I don't know if I'll ever be able to repay Luke and his family, who offered us a place to live in Minnesota. They changed our lives forever."

#### Sean Marsh // Echocardiography

### Waking up to variety in echocardiography

After Sean Marsh graduated from the University of Arizona with a bachelor's degree in physiology, his first job proved to be a snooze. As a sleep technician, Marsh worked the night shift in a sleep clinic, and every night was the same: He monitored brain waves and EKGs as patients slept.

"I wanted something exciting and different," Marsh recalls. He found just that in the 21-month Echocardiography Program at Mayo Clinic School of Health Sciences (MCSHS) in Arizona.



"The heart was always the most fascinating to me," Marsh recalls of his college studies. "It's a very simple organ, but there are so many things that can go wrong with it."

At MCSHS, Marsh was one of three students in the program. "We were very blessed to have two exceptional instructors," he says. "They were like additional parents. Even off the clock, they were always there for us."

The clinical experience, mainly at Mayo Clinic Hospital in Phoenix, was outstanding, according to Marsh. "We were able to spend time with patients every day," he says. "Being at Mayo, we were learning from some of the best sonographers around. And, in going over studies with doctors, we learned how leading cardiologists interpret the results."

Marsh, who grew up in a town about 30 miles northeast of Phoenix, graduated from MCSHS in May 2016. He joined Mayo Clinic in Arizona the next week as a registered diagnostic cardiac sonographer in the Cardiology Department. Working independently in his job, he uses ultrasound to assess cardiovascular anatomy and hemodynamics within the heart. He then drafts a preliminary report for the physician.

Marsh says he'll consider more schooling to become an advanced clinical sonographer after he gets five years of experience under his belt. But for now, he's grateful for a job with the variety he used to crave. "With echo, it's different every day," Marsh says. "I get to see someone's heart, which I think is remarkable. And I get to develop a relationship with patients. I feel honored to hear their life stories."

"Being at Mayo, we were learning from some of the best sonographers around." - SEAN MARSH





#### Nominations open for Alumni Outstanding Contribution award

The Mayo School of Health Sciences Alumni Association honors one graduate each year with the Recognition of Outstanding Contribution award.

Graduates who are considered for the award are outstanding in one or more of the following:

- Are dedicated to the service of patients
- Promote the art and science of medicine through education of students
- Participate in or encourage research
- Are leaders in their fields
- Are involved in community service
- · Have made contributions to underserved populations or provide service in challenging situations
- Are involved with MCSHSAA

Nominate a colleague, former classmate, or yourself. The deadline is Jan. 31, 2017.

#### **≫ LEARN MORE**

https://mshsalumni.mayo.edu/people/awards

Elton Mosman, recipient of the 2016 Mayo School of Health Sciences Alumni Association (MSHSAA) Recognition of **Outstanding Contribution award** 

# Board members talk about their careers and MCSHS



#### COURTNEY GRUNEWALD, CRNA

- Nurse anesthetist
- Dean Clinic and St. Mary's Hospital
- Madison, Wisconsin

#### **Education**

Undergraduate: Bachelor of Science in Nursing, University of Wisconsin at Madison Graduate: Master of Nurse Anesthesia Program, Mayo Clinic School of Health Sciences (MCSHS)

# What was your first impression of Mayo Clinic?

From the moment I stepped onto the Mayo Clinic campus, I knew it was where I wanted to begin my anesthesia career. I love the collaborative team approach with a focus on high quality and compassionate care of patients.

#### Why MCSHS?

Being at Mayo Clinic for my anesthesia training was the best decision I made. Mayo Clinic is a world-class institution with a great learning environment.

#### What do you do in your free time?

I enjoy swimming, fishing and spending time with husband and 3-year-old daughter. Any day I can attend or watch a Badger football or hockey game is a good day!

"I love the collaborative team approach with a focus on high quality and compassionate care of patients."

» COURTNEY GRUNEWALD



#### STACEY MROCZENSKI, PA

- Physician assistant, sports medicine and orthopedics
- BayCare Clinic
- Manitowoc and Green Bay, Wisconsin

#### Education

**Undergraduate:** Bachelor's degree, University of Wisconsin-La Crosse.

**Graduate:** University of Wisconsin-La Crosse Physician Assistant Program, in partnership with MCSHS and Gundersen Medical Foundation of La Crosse.

# Why did you pursue a career in health care?

I knew I wanted to help people throughout my life. I started with my bachelor's degree in athletic training, thinking I would pursue a career in physical therapy. I switched tracks right before my junior year. I saw that working as a physician assistant offered more options in specialty fields.

#### What would people be surprised to know about you?

My sister, Ashley, also is a physician assistant in orthopedics. She is a big part of the reason that I made a career path change to physician assistant. We both attended the University of Wisconsin-La Crosse.

#### Why are you involved in the **Alumni Association?**

I wanted an opportunity to network with others who had a similar background while helping develop a stronger alumni association.



#### RITA MARQUARDT, CRNA, APRN

- Certified Registered Nurse Anesthetist, Outpatient Center
- Mayo Clinic, Rochester

#### **Education**

**Undergraduate:** Associate Degree in Nursing, Rochester Community College; Bachelor of "MCSHS has the longest continuing Nurse Anesthesia Program in the country, and it is highly respected."

>> RITA MARQUARDT

Science in Nursing, Winona State University, Winona, Minnesota **Graduate:** MCSHS Nurse Anesthesia Program

#### Why did you pursue a career in health care?

I grew up in a family of nurses which included my mother, two aunts and two siblings who paved a path to nursing for me. I knew I wanted to help take care of others, and the anatomy and sciences interested me. As a nursing student, I was introduced to the nurse anesthetist role. I knew I would want to pursue this role someday.

#### Why MCSHS?

MCSHS has the longest continuing Nurse Anesthesia Program in the country, and it is highly respected. I also wanted to stay close to home as I had three young daughters when I went back to obtain my anesthesia education.

One of those daughters is a graduate of MCSHS and is a radiologic technologist in MRI at Mayo Clinic.

More than two dozen Mayo Clinic School of Health Sciences (MCSHS) alumni volunteer to serve on the Alumni Association Board of Directors.

To volunteer, here's what you need to know:

- Board members provide direction for MSHS Alumni Association programming and activities.
- Board terms are three years.
- Board members return to Mayo Clinic in Rochester each spring for an annual meeting.
- To apply, complete the nomination form on the Alumni Association website and submit a letter indicating your interest to the Alumni Association at mshsaa@mayo.edu.
- A nominating committee considers applications to ensure a broad representation of MCSHS programs.

#### >> LEARN MORE

Call the MSHS Alumni Association at 507-284-2317. https://mshsalumni.mayo.edu

#### What was your first impression of Mayo Clinic?

This is hard to answer as I was born at Saint Marys Hospital so I do not remember this! I do remember as a child I would ride with my parents to Saint Marys Hospital to drop my mom off to work her night shift. The main entrance was always lit up and welcoming her to work. She looked forward to her job there.

#### Anything else you'd like to share?

I have worked at Mayo Clinic for 44 years. Mayo is still a great organization to work for, and I am grateful to have been able to continue my career here with such great people. 9



# Audiology Externship — Arizona

#### **PROGRAM UPDATE**

Two students completed clinical fellowships as part of their doctorate of audiology training. Clinical rotations focused on cochlear implants, vestibular testing, hearing aids and diagnostic testing. In addition, students participated in research projects that they presented at national audiology conferences.

#### WITH DISTINCTION

Audiology Externship Medical Director **Michael Cevette**, PhD, was awarded the Distinguished Achievement Award by American Academy of Audiology.

#### **CLASS NOTES AND EMPLOYMENT**

#### Jennifer Gonzalez

Clinical and research audiologist Newport-Mesa Audiology Balance & Ear Institute Newport Beach, California

#### Giau Ngoc Le

Arizona State Schools for the Deaf and the Blind Tucson, Arizona



Giau Ngoc Le, AuD, CCC-A, student; Sarah Oakley Holbert, AuD, CCC-A, program director; Jennifer Gonzalez, AuD, PhD, student

# Audiology Externship — Florida

#### **PROGRAM UPDATE**

Janelle Kelley completed the Audiology Externship as part of her clinical doctorate training in audiology through the University of Florida. Clinical rotations in the adult population included diagnostic audiology, vestibular and balance assessment, comprehensive hearing aid and cochlear implant services, and aural rehabilitation.

#### WITH DISTINCTION

Kelley presented her research findings on the "Correlation Between Overall Dietary Quality and Audiological Results in Young Adults" at two national conferences — the American Auditory Society meeting in March 2016, where she received a Mentored Student Research Poster Award; and the American Academy of Audiology convention in April 2016, where she was honored with a Student Research Forum Award.

#### **CLASS NOTES AND EMPLOYMENT**

#### Janelle Kelley

Jacksonville Hearing and **Balance Institute** Jacksonville, Florida



Janelle Kelley, AuD, student; Greta Stamper, AuD, PhD, program director

# Audiology Externship — Rochester

#### PROGRAM UPDATE

The Audiology Externship
Program marked its 11th year.
Clinical rotations included
newborn hearing screening,
pediatric and adult diagnostic
audiology, vestibular and balance
assessment, cochlear implant
evaluations and programming,
and hearing aid selections and
fittings. The extern participated
in research projects with patients
who have cochlear implants.

Elizabeth McDonald received her clinical doctorate in Audiology from the University of Minnesota-Twin Cities. Her capstone project was "Cochlear Implant Outcomes in Pediatric Patients with Cochleovestibular Malformations." She completed her externship at Mayo Clinic May 27, 2016.

#### WITH DISTINCTION

McDonald presented a poster titled "Development, Implementation and Verification of Innovative Auditory Training Methods," at the Mayo Clinic Young Investigators Research Symposium in March 2016.

#### CLASS NOTES AND EMPLOYMENT

**Elizabeth McDonald**Allina Health
Coon Rapids, Minnesota



Kathryn Kerst, MA, program director; Neil Shepard, PhD, medical director; Elizabeth McDonald, AuD, student; Janalene Niichel, AuD, associate program director

# Cardiovascular Invasive Specialist

#### **PROGRAM UPDATE**

Thank you and best wishes to **Allan Mirehouse**, RCIS, who was Cardiovascular Invasive Specialist (CVIS) Program clinical coordinator for 11 years. He transferred to Mayo Clinic Health System in Mankato where he is part of the Mayo regional practice in cardiovascular services. As a primary educator, program administrator and clinical expert, he will be greatly missed.

The CVIS Program welcomed three clinical instructors. **Rachael Wickland**, RCIS, **Jody Tilford**, RCIS, and **Moises Aguilar**, RT(R), joined the program as primary clinical leaders during the fall semester. They provide vast breadth of knowledge, expertise and enthusiasm to clinicals, clinical labs and lectures.

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Rochester

#### **Angeleigh Herber** Cardiac Catheterization Laboratory

#### Melissa Kelley Cardiac Catheterization Laboratory

# **Jill White**Cardiac Catheterization Laboratory

#### Other

#### Kelsie Gilbertson

North Kansas City Hospital North Kansas City, Missouri

#### William Larson

Baptist Heart & Vascular Institute Pensacola, Florida



Kelsie Gilbertson, Angeleigh Herber, William Larson, Jill White, Melissa Kelley

# Clinical Neurophysiology Technology

#### **PROGRAM UPDATE**

The Clinical Neurophysiology Technology Program Class of 2016 graduation ceremony was Aug. 10. The graduates received a certificate of completion from Mayo Clinic School of Health Sciences and an Associate in Applied Science degree from Rochester Community and Technical College.

All students passed the registry and certification exam, and job placement was 100 percent.

#### WITH DISTINCTION

Student **Justin Ehlenfeldt** received the Kathy Mears education scholarship from ASET - The Neurodiagnostic Society. Student **Mary Glatzmaier** received the ASET Foundation tuition grant.

Program director **Jan Buss**, R NCS T R EP T, was presented the Excellence in Teaching Award.

**Brett Lehnertz**, R NCS T R EP T, clinical neurophysiology technologist, EMG/EP Laboratory, Mayo Clinic, was honored with the Outstanding Technical Mentor Award.

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Rochester

#### Mark Bellinger

Polysomnographic technologist Center for Sleep Medicine

#### Mary Glatzmaier

Polysomnographic technologist Sleep Research

#### Voua Her

Clinical neurophysiology technologist Division of Clinical Neurophysiology Epilepsy Monitoring Unit

#### **Casey Jestrovich**

Clinical neurophysiology technologist Division of Clinical Neurophysiology EMG intraoperative monitoring

#### Ryan Stockfleth

Clinical neurophysiology technologist Division of Clinical Neurophysiology Epilepsy Monitoring Unit

Mayo Clinic Health System, Eau Claire, Wisconsin

#### Justin Ehlenfeldt

Clinical neurophysiology technologist



FRONT ROW: Sarah Berini, MD, medical director; Jan Buss, program director BACK ROW: Voua Her, Justin Ehlenfeldt, Mark Bellinger, Ryan Stockfleth, Mary Glatzmaier, Casey Jestrovich, students

# Clinical Pastoral Education

#### **PROGRAM UPDATE**

On Aug. 11, 2016, three residents graduated from the Clinical Pastoral Education Program. Residents rotated through several service lines, collaborated with a broad range of professionals at Mayo Clinic and ministered to patients and families.

The residency is an intensive program in which clergy, religious workers and seminary graduates learn the art of pastoral ministry in the hospital setting. The program helps residents develop pastoral interviewing and pastoral assessment skills. Residents also have the opportunity to become board-certified chaplains in the Association of Professional Chaplains.

#### **CLASS NOTES AND EMPLOYMENT**

#### Randy Halverson

Continuing education at Dallas Theological Seminary Dallas, Texas

#### Joel Osterlund

Staff chaplain Mayo Clinic Hospital Rochester

#### Diane Solheid-Miller

Director of pastoral care Madonna Towers of Rochester Rochester



Diane Solheid-Miller, Joel Osterlund, Randy Halverson, students; the Rev. Roger Ring, program supervisor

# Cytotechnology

#### **PROGRAM UPDATE**

Four students were awarded certificates from the Cytotechnology Program on June 17, 2016. The students completed a one-year internship at Mayo Clinic as part of a four-year degree program or as postbaccalaureate work in cytotechnology.

All four students successfully passed their board exams and received certification in cytotechnology from the American Society of Clinical Pathology. The program maintains a first-time national certification pass rate of 100 percent.

#### WITH DISTINCTION

Jenna Trio was awarded two scholarships, the Carol Kanneberg Memorial Merit Scholarship by the Minnesota Society of Cytology and the Siemens-American Society for Clinical Pathology Scholarship by the American Society for Clinical Pathology.

The class recognized **Ron Lichtsinn**, CT(ASCP), with a Clinical Instructor Award for his dedication and contribution to student learning and success.

#### **CLASS NOTES AND EMPLOYMENT**

**Eric Bradley** 

MedTox Laboratories St. Paul, Minnesota

**Tierney Murphy** 

ARUP Laboratories Salt Lake City, Utah

**Carly Prom** 

LabCorp Phoenix, Arizona

**Ienna Trio** 

Mayo Clinic Rochester



FRONT ROW: Ashley Pongratz, M Ed, SCT(ASCP)CM, faculty; Michael Henry, MD, medical director; Kara Hansing, MS Ed, SCT(ASCP)CM, program director BACK ROW: Carly Prom, Jenna Trio, Eric Bradley, Tierney Murphy, students

# Dietetic Internship — Florida

#### PROGRAM UPDATE

Three students graduated from the Dietetic Internship in 2016. The program's registration pass rate has been 100 percent for the last five years. The class research project was "A Review of the Effects of Gain — and Loss — Framed Health Messages on Nutrition-Related Behaviors."

#### **CLASS NOTES AND EMPLOYMENT**

Anya Guy

Nutrition department Mayo Clinic, Florida

Tessa Komine

Employed in California

Angela Wolfenberger

Employed in Tennessee



Angela Wolfenberger, Anya Guy, Tessa Komine

# Dietetic Internship — Rochester

#### **PROGRAM UPDATE**

The Dietetic Internship Program was started by Sister Mary Victor Fromm in 1930, which makes it one of the oldest programs in the country. In 1933, the internship was the first 12-month program to be accredited by the Academy of Nutrition and Dietetics.

In November 2010, the program was granted continued accreditation for 10 years by the Accreditation Council for Education in Nutrition and Dietetics.

#### **CLASS NOTES AND EMPLOYMENT**

#### Valarie Frigge

Foodservice director School District of Waukesha Waukesha, Wisconsin

#### **Emily Gebhart**

Nutrition coordinator General Mills Golden Valley, Minnesota

#### Diana Maier

Dietitian Racine Unified School District Racine, Wisconsin

#### Melissa Olson

Dietitian Golden LivingCenter – Covington Heights Sioux Falls, South Dakota

#### Angela Wheeler

Clinical dietitian Mayo Clinic, Rochester

#### Seeking employment

#### Tawnie Goodwin

Stilwell, Oklahoma

#### Kimberly Kafka

Zimmerman, Minnesota

#### LaNae Maass

La Crescent, Minnesota



Angela Wheeler, Valarie Frigge, Kimberly Kafka, Tawnie Goodwin, Melissa Olson, LaNae Maass, Emily Gebhart, Diana Maier

# Echocardiography

#### **PROGRAM UPDATE**

Eleven students received a certificate in Adult Echocardiography on May 13, 2016.

#### WITH DISTINCTION

Students recognized **Kathleen Griffin**, RDCS, Rochester campus, and **Mario Guzman**, RDCS, Arizona campus, with Clinical Instructor Awards.

The class honored **Vuyisile Nkomo**, MD, MPH, Rochester
campus, and **Christopher Appleton**, MD, Arizona campus,
with Physician Recognition Awards.

#### CLASS NOTES AND EMPLOYMENT

Mayo Clinic, Rochester

Nathan Doll

**Christopher Miller** 

Patricia Mohs

Erin Monroe

Rebecca Robinson

Mayo Clinic, Scottsdale

Sean Marsh

Bobbi Jo Schlick

Other

Agil Ahmed

Employed in Minneapolis, Minnesota

Laura Bowitz

Accepted in optometry school

**Charles Cornelius** 

Employed in Minneapolis, Minnesota

Blake Yennie

Employed in Phoenix, Arizona



FRONT ROW: Patricia Mohs, student; Carrie Vanden Bussche, BS, RDCS, FASE, clinical coordinator, Rochester; Sally Miller, BS, RT(R), RDCS, FASE, program director; Katie Prell, academic coordinator, Rochester; Christopher Miller, student

SECOND ROW: Daniel Borgeson, MD, medical director; Rebecca Robinson,

Laura Bowitz, Erin Monroe, students

BACK ROW: Aqil Ahmed, Charles Cornelius, Nathan Doll, students



Sean Marsh, Bobbi Jo Schlick, Blake Yennie, students

# **Emergency Medicine Paramedic**

#### PROGRAM UPDATE

Eight students graduated from the inaugural class of the Emergency Medicine Paramedic Program on May 18, 2016. The graduates received a certificate of completion from Mayo Clinic School of Health Sciences. In addition, those students who had not previously attained a college degree graduated with an Associate of Science degree from Rochester Community and Technical College.

All graduates passed the National Registry of Emergency Medical Technician Paramedic written examination on the first attempt.

The Emergency Medicine Paramedic Program is expanding to 20 students in each cohort.

#### WITH DISTINCTION

Preceptors **Michael Buss** and **Chris Boehnlein**, paramedics with Gold Cross Ambulance, each were honored with the Preceptor Award of Excellence.

Instructor **Christopher Arendt**, PharmD, R Ph, assistant professor of Pharmacy, Mayo Clinic College of Medicine and Science, was presented the Taryn Budach Award of Inspiration.

#### **CLASS NOTES AND EMPLOYMENT**

**Gold Cross Ambulance** 

Dean Anderson

Albert Lea, Minnesota

**Justin Carroll**Rochester, Minnesota

#### Nicole Clammer

Rochester, Minnesota

#### Bobbi Falde

Owatonna, Minnesota

#### Lee Ann Malfar

Eau Claire, Wisconsin

#### Katie Meyer

Rochester, Minnesota

#### Stephanie Stark

Austin, Minnesota

#### Other

#### **Iosh Schmelzer**

Winona Ambulance Winona, Minnesota



FRONT ROW: Stephanie Stark, Katie Meyer, Dean Anderson, Lee Ann Malfar, Josh Schmelzer, Bobbi Falde, Justin Carroll, Nicole Clammer, students

BACK ROW: Jeff Schultz, NRP, instructor; Dustin Meyer, NRP, instructor; Anuradha Luke, MD, medical director; Matt Will, NRP, program director; Dan Anger, NRP, program coordinator

# Histology

#### PROGRAM UPDATE

In August 2015, the Histology Technician Program enrolled its first expanded cohort to accommodate the demand for histology professionals at Mayo Clinic and elsewhere.

In 2016, 12 students graduated in Rochester, and one graduated on Mayo Clinic's Arizona campus. This was an increase of five graduates from 2015.

Six students were awarded certificates at the graduation ceremony on May 20, 2016. Seven students were awarded certificates at the graduation ceremony on Oct. 7, 2016. All 13 graduates did exceptionally well on the American Society for Clinical Pathology Board of Certification exam, with a 100 percent pass rate on the first attempt and an average score well above the national average.

#### WITH DISTINCTION

Clinical instructors were recognized for their outstanding contributions to the learning experience and dedication to student success:

**Clinical Instructor Award** 

Katie Krause, HT(ASCP)CM — Rochester campus

Nathan Mack, HT(ASCP)CM — Rochester campus

Jessica Honea, HT(ASCP) — Arizona campus

Mary (Mo) Gagnot, HT(ASCP) — Arizona campus

Ellen LeGere, HTL(ASCP) — Arizona campus

Sandy Montgomery, HTL(ASCP) Arizona campus

**Enrichment Clinical** Instructor Award

**Scott Gamb** — Rochester campus



Jenny Parzik-Benda, student; Amy Wendel Spiczka, HTL(ASCP), SCT(ASCP), clinical liaison

#### **CLASS NOTES AND EMPLOYMENT**

**COHORT 1** Histology Laboratory, Mayo Clinic, Rochester

Dafne Cadena-Rivera

Shruti Jagannathan

**Chelsey Nelson** 

Other

Nafisa Ahmed

Histology Laboratory LabCorp San Diego, California

Syn Lim

Histology Laboratory Fairbanks Memorial Hospital Fairbanks, Alaska

Ryan Mahlberg

Histology Laboratory Mayo Clinic Health System Mankato, Minnesota

**COHORT 2** Mayo Clinic, Rochester

Julie Alexander Histology Laboratory

Alex Giere Histology Laboratory

Joseph Lamsam Histology Laboratory

Dianne Ruggeberg Histology Laboratory

Michael Schmitz Immunostains Laboratory

Other

Jennifer Husen

Histology Laboratory Bay Area Hospital Coos Bay, Oregon

Jennifer Parzik-Benda Seeking employment



FRONT ROW: Dafne Cadena-Rivera, Nafisa Ahmed, Ryan Mahlberg, Shruti Jagannathan, Chelsey Nelson, students; Tien Tran, HT(ASCP)CM, faculty

BACK ROW: Blake Cappell, HTL(ASCP)CM, Kelly Klein, HTL(ASCP)CM, faculty; Syn Lim, student; Michelle Nelsen, HTL(ASCP)CM, program director



FRONT ROW: Tien Tran, HT(ASCP)CM, faculty; Jennifer Husen, Dianne Ruggeberg, Michael Schmitz, students; Blake Cappell, HTL(ASCP)CM, faculty; Michelle Nelsen, HTL(ASCP)CM, program director BACK ROW: Kelly Klein, HTL(ASCP)CM, faculty; Julie Alexander, Alex Giere, Joseph Lamsam, students; Loren Herrera Hernandez, MD, medical director

# Medical Laboratory Science

#### **PROGRAM UPDATE**

This is the eighth Medical Laboratory Science Program graduating class. The Class of 2016 continues the program's strong track record, with an employment rate of 100 percent and high national certification pass rates.

#### **CLASS NOTES AND EMPLOYMENT**

Laboratories on Mayo Clinic's Rochester campus

Cody Artymiuk Molecular Hematology

**John Burns** Hospital Clinical

Sarah Bussan Central Clinical

**Ashley Collins**Infectious Diseases Serology

**Elizabeth Daede** Molecular Hematology **Dustin Denzer** 

Transfusion

Calvin Dinsdale

Neuroimmunology

**Erin Everhard** 

Special Coagulation

Shiroshini Goonewardena

Central Clinical

**Rebecca Haak** Bacteriology

67

Christina Jellema

Cell Kinetics

Addie Korb

Virology

Paige Lake

Clinical Mass Spectrometry Development

Lisa Love

Hematopathology/Morphology

Marisa Lucke

Mycology/Mycobacteriology

Rachelle Reneau

Bacteriology

Alanna Robinson

Antibody Immunology

**Dezaray Thoen** 

Clinical and Forensic Toxicology

Aubree Ulmen

Renal Laboratory

Jordan VandenBerge

Clinical Mass Spectrometry

Development

**April Weiss** 

Transfusion Laboratory

**Holly White** 

Hospital Clinical

Joshua Yang

Bacteriology

Other

Jacqueline Thaemert

VA Medical Center Minneapolis, Minnesota



FRONT ROW: Erin Everhard, Aubree Ulmen, Paige Lake, Christina Jellema, Dezaray Thoen, April Weiss, Elizabeth Daede, Addie Korb. SECOND ROW: Joshua Yang, Holly White, Alanna Robinson, Shiroshini Goonewardena, Rachelle Reneau, Ashley Collins, Cody Artymiuk. THIRD ROW: Sarah Bussan, Marisa Lucke, Rebecca Haak, Lisa Love, Jordan VandenBerge. BACK ROW: Calvin Dinsdale, John Burns, Dustin Denzer, Jacqueline Thaemert.

## Medical Physics Residency

#### **PROGRAM UPDATE**

This was the third graduating class for the Medical Physics Residency on Mayo Clinic's Arizona campus. Both graduates had employment before graduation.

For the first time, a program alumnus took the national board exam for medical physics from the American Board of Radiology. **Sharif Elguindi**, a 2015 program graduate, passed the written exam in August 2015 and an oral exam in May 2016.

#### WITH DISTINCTION

Flona Younan presented a poster at the 2016 American Association of Physicists in Medicine annual meeting in Washington, D.C. Fellow student Alison Arnold and Program Director Edward Clouser Jr. were co-authors. The poster was titled "Using Commercially Available Software to Prove that Providing Planning Objectives to the Planner Improves Plan Quality."

Alison Arnold presented a poster at the 55th Annual Conference of the Particle Therapy Co-operative Group in May 2016, in Prague, Czech Republic. Her poster was titled "Comparison of Volumetric Healthy Tissue Sparing Between Photon and Proton Based Radiotherapy Plans for Four Anatomical Disease Sites."

#### **CLASS NOTES AND EMPLOYMENT**

#### Alison Arnold

Turville Bay MRI & Radiation Oncology Center Madison, Wisconsin

#### Flona Younan

Rush-Copley Medical Center Aurora, Illinois



Alison Arnold, MS, student; Edward Clouser Jr., MS, TRP(ABR), program director; Flona Younan, MS, student

## Molecular Genetics Technology Internship

Northern Michigan University, Diagnostic Genetics Baccalaureate Program



Karla Ziemba, Amanda Slack

#### PROGRAM UPDATE

For the 21st time, the Molecular Genetics Technology Internship has accepted students from the Diagnostic Genetics Baccalaureate Program at Northern Michigan University. Two students were enrolled from July 6 to Dec. 18, 2015.

As part of their experience in the Molecular Genetics Laboratory, students developed genes within the Spinocerebellar Ataxia (SCA) assay. The genes are linked to progressive, neurodegenerative diseases. The students optimized the conditions for the assay.

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Rochester

Amanda Slack Clinical technologist

Karla Ziemba Clinical technologist

#### Texas Tech University Master of Science, Molecular Pathology



Taylor Eaves, Katherine Beard, Brennan Greenlee, Jovaria Khalid

#### PROGRAM UPDATE

The 13th class of students from Texas Tech University, Lubbock, participated in the Molecular Genetics Technology Internship Program from March 21 to May 11, 2016. Texas Tech students are enrolled in its Master of Science, Molecular Pathology Program.

New this year, a tour of the Biospecimen and Process Laboratory was added to the internship curriculum.

#### **CLASS NOTES AND EMPLOYMENT**

#### **Katherine Beard**

Seeking employment Lubbock, Texas

#### **Brennan Greenlee**

Clinical technologist Clinical Genome Sequencing Laboratory Mayo Clinic, Rochester

#### **Taylor Eaves**

Seeking employment Lubbock, Texas

#### Jovaria Khalid

Attending School of Medicine Texas Tech University Lubbock

## Nuclear Medicine Technology

#### **PROGRAM UPDATE**

The Nuclear Medicine Technology's 40th class graduated on Aug. 19, 2016. All graduating students passed the Nuclear Medicine Technology Certification board exam on the first attempt.

#### WITH DISTINCTION

Five students submitted research abstracts to the Society of Nuclear Medicine and Molecular Imaging (SNMMI) for presentation at the 2016 Annual Society of Nuclear Medicine and Molecular Imaging Meeting. All abstracts were accepted, and Lacey Ellingson, Leah Filzen, Manpreet Heir, William Martini and Taylor Wyman presented their research on June 13, 2016, in San Diego, California.

**Taylor Wyman** was awarded a SNMMI Annual Meeting Travel Award on behalf of the SNMMI Technologist Section.

#### **CLASS NOTES**

Alexandra Domeier

Lacey Ellingson

Leah Filzen

**Manpreet Heir** 

William Martini

Jackie Moehring

Deborah Nishida

**Taylor Wyman** 



Lacey Ellingson, Jackie Moehring, Deborah Nishida, Alexandra Domeier, Leah Filzen, William Martini, Manpreet Heir, Taylor Wyman

### Nurse Anesthesia

Master of Nurse Anesthesia (MNA) and Doctor of Nurse Anesthesia Practice (DNAP)

#### **PROGRAM UPDATE**

The Class of 2016 graduated on March 12. Students achieved a high level of clinical knowledge and skill, provided excellent anesthetics to a variety of patients and completed research projects. Each research group participated in poster presentations at the fall meeting of the Minnesota Association of Nurse Anesthetists, the 41st Annual Mayo Clinic Seminar for Nurse Anesthetists or the 2015 Annual American Association of Nurse Anesthetists Congress in Salt Lake City, Utah. Several student manuscripts have been published in peer-reviewed journals.

Thank you to alumni who have supported the Mayo Nurse Anesthetists' Alumni Association. Contributions have helped fund student awards and the purchase of important educational tools. The Alumni Awards, presented at graduation, and the Alumni Poster Awards, given during the Annual Mayo Clinic Seminar for Nurse

Anesthetists, encourage students

to achieve higher professional

and research goals.

Alumni news and support:

Off-campus rotations: An eight-week off-campus rotation provides students with an understanding of anesthesia practice outside of the large academic medical setting. The Nurse Anesthesia Program welcomes more opportunities for off-campus rotations. Contact Mary Shirk Marienau, APRN, CRNA, PhD, program director, to learn more (marienau.mary@ mayo.edu, 507-284-8331).

#### WITH DISTINCTION

**Faculty awards** 

**Nurse Anesthetist Educator** Award

Saint Marys Campus: **Terry** Gran, APRN, CRNA, MNA

Rochester Methodist Hospital: Ann Kiel, APRN, CRNA, MA

Physician Educator Award: Robert Chantigian, MD

Special Recognition Award: Sharon Brandt, APRN, CRNA, DNP

#### Student awards

Robert R. Johnson Achievement Award: Michael Kraft

Gilles, Nelson, Torrance Alumni Award: Wendy Johnson

Rebecca S. Finley Alumni Award: **Gregory Eddy** 

Virginia B. Hartridge Achievement Award: Daniel King

Robert A. E. Devloo Book Award: Michael Kraft

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Rochester

Samuel Ahle

Heidi Anderson

Megan Barrone

**Jesse Christensen** 

**Crystal Crowley** 

**Gregory Eddy** 

Wendy Johnson

Michael Kraft

Chelsie Larsen

**Heather Larsen** 

Meredith O'Brien

Diana Olive

**Nate Rawlins** 

Valerie Sifuentes

#### **Other**

#### **Kelsey Dietz**

Anesthesia Associates of Boise Boise, Idaho

#### Shaun Dowd

Nurse Anesthesia Services PA Minneapolis, Minnesota

#### Jennie Gappa

Independent contractor South-Central Minnesota

#### **Emily Ho**

Physicians Anesthesia Service Swedish Hospital Seattle, Washington

#### **Daniel King**

Guardian Anesthesia Boston, Massachusetts

#### Tia Prebeck

North Iowa Anesthesia Associates PC Mason City, Iowa

#### Nikki Riley

North Iowa Anesthesia Associates PC Mason City, Iowa

#### Lindsay Siebenaler

Eau Claire Anesthesiologists Eau Claire, Wisconsin

#### **Ashley Taccolini**

Nurse Anesthesia Services, PA Minneapolis, Minnesota

#### Alana Tutt

Northern Colorado Anesthesia Professionals Fort Collins, Colorado

#### **Amy Wells**

Eau Claire Anesthesiology Eau Claire, Wisconsin



FRONT ROW: Meredith O'Brien, Chelsie Larsen, Megan Barrone, Valerie Sifuentes, Tia Prebeck, Diana Olive, Jennie Gappa SECOND ROW: Amy Wells, Crystal Crowley, Daniel King, Gregory Eddy, Nikki Riley, Heather Larsen, Wendy Johnson THIRD ROW: Lindsay Siebenaler, Kelsey Dietz, Ashley Taccolini, Heidi Anderson, Alana Tutt, Emily Ho BACK ROW: Michael Kraft, Samuel Ahle, Jesse Christensen, Shaun Dowd, Nate Rawlins

### Nurse Practitioner

#### PROGRAM UPDATE

The Nurse Practitioner Clinical Residency Program awarded certificates to 36 students. Four were based in Eau Claire, Wisconsin.

Many students rotated to Mayo Clinic Health System locations, offering another clinical experience. Several are now working in Mayo Clinic Health System.

#### WITH DISTINCTION

Outstanding Clinical Preceptor Award: **Cheryl McKane**, APRN, CNP, Rochester; **Lynn Severson**, APNP, RN, Eau Claire, Wisconsin; **Darci Zblewski**, APRN, CNP, Rochester

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Rochester

**Stacy Farrow** Psychiatry

**Abbey Gadbois** Otorhinolaryngology, Pediatric Surgery

**Jeremy Ganong** Endocrinology

**Lindsey Grace**Family Medicine

**Tracy Kiehne**General Surgery/Trauma

**Robert Lauria**Medical Intensive Care Unit

**Nicole Lawson** Neuro Epilepsy

**Brianne Mansfield**Radiation Oncology

#### Jessica Rudolph

Medical/Surgical/Transplant Intensive Care Unit

Melissa Skov

Cardiovascular Diseases

Courtney Ubl Urology

**Jacqueline Wanek**Inpatient/Outpatient Dialysis

Mayo Clinic Health System

Kristen Bowe

Express Medical Clinic New Prague/Belle Plaine, Minnesota

Matthew Buesking Hospital Medicine Red Wing, Minnesota

**Cori Duellman Wallerich** Palliative Care

Eau Claire, Wisconsin

Lynsi Espe

Family Medicine Owatonna, Minnesota

**Gretchen Fischer** 

Emergency Department Mankato, Minnesota

**Emily Jenders** 

Family Medicine Eau Claire, Wisconsin

Jennifer Lindquist

Family Medicine Northland, Wisconsin

Theresa McGowan

Cardiology Mankato, Minnesota

Michelle Miland General Surgery Eau Claire, Wisconsin Andrea Moldstad

Emergency Department Mankato, Minnesota

Rebekah Mowers

Family Medicine Albert Lea, Minnesota

Kay Ribbel

Emergency Department Mankato, Minnesota

Jennifer Scott

Family Medicine Albert Lea, Minnesota

Jillian Tapper-Smith

Cardiovascular Surgery Eau Claire, Wisconsin

Meagan Vlasek

Family Medicine Tomah, Wisconsin

Other

Samira Ahmetovic Rochester

Cassandra Altringer

Rebecca Biasi

Eau Claire, Wisconsin

**Brittany Eppard** 

Rochester

**Jessica Kalmes** Rochester

Mackenzie Lehn

Mankato, Minnesota

Angela Nevin

Amery Hospital and Clinic Amery, Wisconsin

Mikala Olson

Rochester

**Ashley Schuelke** Eau Claire, Wisconsin



FRONT ROW: Courtney Ubl, Jessica Kalmes, Melissa Skov, Tracy Kiehne, Mikala Olson, Jennifer Scott, Lynsi Espe, Samira Ahmetovic, students

SECOND ROW: Jessica Rudolph, Angela Nevin, Cori Duellman Wallerich, Jacqueline Wanek, Gretchen Fischer, students THIRD ROW: Brianne Mansfield, Nicole Lawson, Rebekah Mowers, Matthew Buesking, Lindsey Grace, Kay Ribbel, students BACK ROW: Sarah Strahm, associate program director, Eau Claire; Barbara Timm, assistant program director; Jennifer Lindquist, Kristen Bowe, Rebecca Biasi, Jillian Tapper-Smith, students; Claudia Swanton, program director; Sally Heusinkvelt, associate program director

NOT PICTURED: Cassandra Altringer, Brittany Eppard, Stacy Farrow, Abbey Gadbois, Jeremy Ganong, Emily Jenders, Robert Lauria, Mackenzie Lehn, Theresa McGowan, Michelle Miland, Andrea Moldstad, Ashley Schuelke, Meagan Vlasek, students

## Cardiology Nurse Practitioner Fellowship

#### **PROGRAM UPDATE**

The program started using the online documentation system MedHub to track the transition-to-practice for fellow competencies, didactic schedule and development. Patient surveys were created to evaluate patient outcomes.

MCSHS awarded the program a Blended Learning Project grant that will be used to convert the current in-person Focused Cardiac Ultrasound course into a blended learning format. The six online modules include video, in-person practice content with simulated/standardized patients and post-course practice. This course offers the opportunity to increase access to this education internally and externally.

#### WITH DISTINCTION

**Christen Waddell** placed first in the Oral Case Study category at the 2016 Academic Excellence Day at Mayo Clinic in Arizona.

Alumna Michelle Alland, CNP, program director Marci Farquhar-Snow and fellow Christen Waddell are studying "Novel Anticoagulants and Bleeding Complications in Patients Undergoing Permanent Cardiac Device Implantation" (IRB#: 14-005769).

Michelle Alland gave an oral presentation at the American Association of Nurse Practitioners 2015 National Conference on "Ventricular Assist Devices for the Non-LVAD Provider: The Basics to 'Pump' You Up."

#### **CLASS NOTES AND EMPLOYMENT**

#### Christen Waddell

Outpatient cardiology Mayo Clinic Scottsdale, Arizona

#### Viktoriya Senkiv Advanced heart failure/

transplant team
University of Michigan
Ann Arbor, Michigan



Christen Waddell, DNP, NP-C, student; Marci Farquhar-Snow, MN CCRN CMC ACNP-BC AACC, program director; Viktoriya Senkiv, MS, ACNP-BC, student

## Perioperative Nursing

#### **PROGRAM UPDATE**

Seven students graduated from the Fellowship in Perioperative Nursing Fellowship offered in fall 2015 and spring 2016. All students completed the final exam from the Association of Perioperative Registered Nurses. Students reported that they appreciated the opportunity to practice their scrubbing and circulating skills in the Mayo Clinic Simulation Center in Arizona.

Thanks to **Bella Panchmatia**, RN, Education operations manager, for her assistance in obtaining initial and renewal licensure for the program from the state of Arizona.

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Phoenix

Randi Altman, RN Neurosurgery

**Kristin Bernstein, BSN, RN**Gynecology surgery

**Aimee Boden, RN** Urology

**Shaun Greenlee, RN** Emergency Department

**Camille Kuplic, RN, BSN, MS** General surgery

**Nicholas Montoya, RN** Plastics, general and hand surgery

Marci Starr, RN
Ear, nose, throat surgery



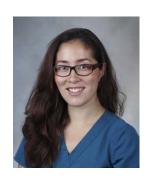
Randi Altman



Aimee Boden



Camille Kuplic



Marci Starr



Kristin Bernstein



Shaun Greenlee



Nicholas Montoya

## Pharmacy Residency — Rochester

#### PROGRAM UPDATE

The 2016 Pharmacy Residency Program graduation was June 24. The commencement address was delivered by alumnus **Tracy Macaulay**, PharmD, BCPS (AQ Cardiology). Mayo Clinic Health System pharmacy residency graduates joined in the celebration.

Many graduates presented at state and national professional meetings and served in key leadership roles within and outside of the institution. In addition to obtaining teaching certificates, graduates completed medication use evaluations, presented continuing education sessions for the interdisciplinary staff, served on committees and further developed skills as clinical pharmacists.

#### WITH DISTINCTION

Bryce Kayhart, PharmD, Alicia Mattson, PharmD, and Shannon Piche, PharmD, obtained Board Certification in Pharmacotherapy Specialties (BCPS) prior to or during PGY-2 residencies.

Shannon Piche received the 2016 Minnesota Society of Health-System Pharmacists (MSHP) Outstanding PGY-2 Resident Research Award.

Samuel Ubanyionwu, PharmD, and Kristyn Yemm, PharmD, were recognized as a PGY-2 and PGY-1 finalists, respectively, for the 2016 MSHP Resident Research Awards. David Roy, PharmD, won the 2016 MSHP Outstanding Poster Award.

**Jeremy Anderson**, PharmD, BCACP, was recognized as PGY-1 Preceptor of the Year, 2015-2016.

**Heather Personett**, PharmD, BCPS, BCCCP, was recognized as PGY-2 Preceptor of the Year, 2015-2016.

**Scott Nei**, PharmD, BCPS, BCCCP, was recognized as New Preceptor of the Year, 2015-2016.

**Tracy Macaulay**, PharmD, BCPS (AQ Cardiology), Class of 2005, received the Distinguished Alumnus Award.

**Rita McMahon** was recognized with the Outstanding Service Award.

#### **CLASS NOTES AND EMPLOYMENT**

PGY-1 Pharmacy Residency at Mayo Clinic Hospital — Rochester

#### Caitlin Brown

PGY-2 Critical Care Pharmacy Residency Maine Medical Center Portland, Maine

#### Alexander Olinger

PGY-2 Oncology Pharmacy Residency Mayo Clinic Hospital Rochester

#### **David Roy**

PGY-2 Emergency Medicine Pharmacy Residency Mayo Clinic Hospital Rochester

#### Kristyn Yemm

PGY-2 Oncology Pharmacy Residency University of Washington Medical Center Seattle, Washington

PGY-1 Ambulatory Care Residency at Mayo Clinic

#### **Amy Paul**

Clinical pharmacist Providence Alaska Medical Center Anchorage, Alaska

PGY-1 Residency at Mayo Eugenio Litta Children's Hospital

#### P. Zach White

Clinical pharmacist, neonatal intensive care unit Utah Valley Hospital Provo, Utah

#### **PGY-2 Critical Care Residency**

#### **Shannon Piche**

Clinical pharmacy specialist, medical intensive care unit Barnes-Jewish Hospital St. Louis, Missouri

## PGY-2 Emergency Medicine Residency

#### Alicia Mattson

Clinical pharmacist, emergency medicine, neurology intensive care unit Mayo Clinic Hospital Rochester

#### **PGY-2 Oncology Residency**

#### Alexis Kuhn

Advanced patient care pharmacist
— hematology/oncology
Nationwide Children's Hospital
Columbus, Ohio

## PGY-2 Pharmacotherapy Residency

#### **Bryce Kayhart**

Clinical pharmacist, internal medicine Mayo Clinic Hospital Rochester

## PGY-2 Pharmacy Informatics Residency

#### Samuel Ubanyionwu

Medication management informaticist Mayo Clinic, Rochester



SECOND ROW: Kristyn Yemm, Snannon Picne, Caltiin Brown
SECOND ROW: Alexis Kuhn, Amy Paul, Samuel Ubanyionwu, David Roy
BACK ROW: Bryce Kayhart, Alexander Olinger, Alicia Mattson, P. Zach White

## Pharmacy Residency — Florida

#### **PROGRAM UPDATE**

Three residents received Bronze certification and one received Silver certification through the Mayo Clinic Quality Academy.

All residents completed original research that was presented regionally and locally. Each resident presented three Grand Rounds for pharmacist continuing education credit.

A new rotation in International Health was launched. One resident traveled to Haiti for an elective rotation.

#### WITH DISTINCTION

**Haesuk Heagney**, PharmD, R Ph, was recognized as preceptor of the year. She is a graduate of the 2012 Pharmacy Residency.

#### CLASS NOTES AND EMPLOYMENT

#### **Rilwan Badamas**

PGY-2 Pharmacy Informatics resident Mayo Clinic, Rochester

#### **Ani Childress**

Clinical pharmacist Stanford University Stanford, California

#### **Christine Lally**

Clinical pharmacist Mayo Clinic Jacksonville, Florida

#### **Ashley Lipscomb**

Pharmacy health system administration resident Jackson Memorial Hospital Miami, Florida



Ani Childress, Rilwan Badamas, Christine Lally, Ashley Lipscomb

#### **PROGRAM UPDATE**

Nearly all students received their phlebotomy certification from the National Healthcareer Association. Most graduates are working at Mayo Clinic.

#### **CLASS NOTES**

August-October 2015
Students and hometowns

Maryam Alhamdany

Mosul, Iraq

Amanda Amy Chatfield, Minnesota

Whitney Ellefson

Zumbrota, Minnesota

Tiffany Haskin

Grand Meadow, Minnesota

Anthony Jackson

Rochester, Minnesota

**Ahmed Jimale** 

Rochester, Minnesota

Jeff McCrady

Rochester, Minnesota

Nora O'Neill

Millville, Minnesota

Jessica Schuler

Rochester, Minnesota

Trevor Slifka

Rochester, Minnesota

Ana (Stephanie) Soto

Rochester, Minnesota

Katy Zuehl

Albert Lea, Minnesota



FRONT ROW: Maryam Alhamdany, Amanda Amy, Tiffany Haskin, Whitney Ellefson, Jessica Schuler, Ana (Stephanie) Soto BACK ROW: Nora O'Neill, Trevor Slifka, Katy Zuehl, Ahmed Jimale, Anthony Jackson, Jeff McCrady

#### **CLASS NOTES**

October–December 2015
Students and hometowns

Abdulkadir Ahmed

Hamar, Somalia

Ann Balm

Lake City, Minnesota

Kali Banks

Kasson, Minnesota

Ryan Beuschel

Battle Creek, Michigan

Jessica Jarboe

Woodland Park, Colorado

Valencia (Roxanne) King-Lunde

Milwaukee, Wisconsin

Tatyana Melnikova

Mogilev, Belarus

Abdisalam Mohamed

Rochester, Minnesota

**Daniel Purdy** 

New Richland, Minnesota

Saveth Sok

Chicago, Illinois



FRONT ROW: Ann Balm, Abdisalam Mohamed, Abdulkadir Ahmed, Tatyana Melnikova SECOND ROW: Kali Banks, Valencia (Roxanne) King-Lunde, Saveth Sok

BACK ROW: Jessica Jarboe, Ryan Beuschel, Daniel Purdy

#### **CLASS NOTES**

January–March 2016 Students and hometowns

**Sara Aden** Rochester, Minnesota

**Shania Bode** Goodhue, Minnesota

**Kattallina Cano** Rochester, Minnesota

**Kaitlyn Crowley** Rochester Minnesota **Lucas Florell**Pine River, Minnesota

**Tida Gibson**Oronoco, Minnesota

**Tamara Ihrke**Dover, Minnesota

**Madison Nelson** Rush City, Minnesota **Karry Roerish**Chatfield, Minnesota

**Hannah Schaaf** Elgin, Minnesota

**Molina Ung** Rochester, Minnesota



Sara Aden



Shania Bode



Kattallina Cano



Kaitlyn Crowley



Lucas Florell



Tida Gibson



Tamara Ihrke



Madison Nelson



Karry Roerish



Hannah Schaaf



Molina Ung

#### **CLASS NOTES**

March-May 2016 Students and hometowns

Ruqaya Abdalrazak Rochester, Minnesota

**Munira Adil** Jeddah, Saudi Arabia

**Thair Aldibun**Rochester, Minnesota

**Britnie Dorsett** Owatonna, Minnesota

Muraya Gelle Rochester, Minnesota

**Phaly Meas** Rochester, Minnesota **Alyssia Morley** Rochester, Minnesota

**Anab Mohamoud** Rochester, Minnesota



FRONT ROW: Anab Mohamoud, Britnie Dorsett, Muraya Gelle, Ruqaya Abdalrazak BACK ROW: Munira Adil, Alyssia Morley, Thair Aldibun, Phaly Meas

#### **CLASS NOTES**

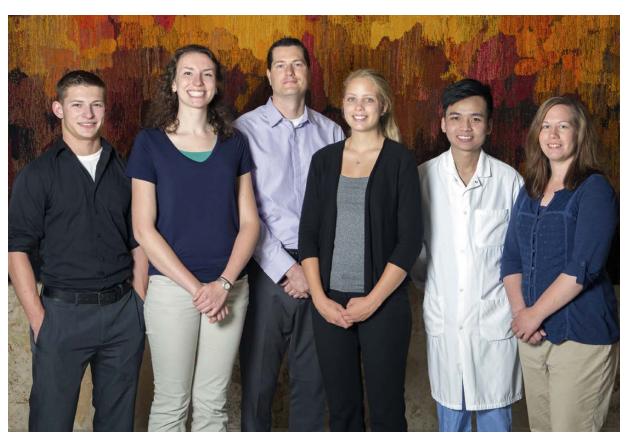
May-August May 2016 Students and hometowns

**Justin Amos** Elgin, Minnesota

**Eleanor Haeska** Lake City, Minnesota **Lars Rasmussen**Rochester, Minnesota

**Annika Rotto** Ames, Iowa **Phuc Tran**Rochester, Minnesota

**Maria Madson** Zumbrota, Minnesota



Justin Amos, Eleanor Haeska, Lars Rasmussen, Annika Rotto, Phuc Tran, Maria Madson

## Physical Therapy

#### **PROGRAM UPDATE**

Commencement ceremony for the Physical Therapy Class of 2016 was May 27. This marks the 79th graduating class for the program and the 10th year in which the graduates were awarded Doctor of Physical Therapy (DPT) degrees.

Desiree Lanzino, PT, PhD, associate professor, Mayo Clinic College of Medicine, and faculty member in the Physical Therapy Program, gave the keynote address. Becca Brown presented the student address.

Twenty-eight students earned a DPT degree. Since the first class in 1939, 2,555 students have graduated.

#### WITH DISTINCTION

#### **Students**

**Katie Krump** received the Outstanding Clinical Performance Award, which is selected by clinical education faculty to recognize exceptional clinical performance by a graduating student.

**Lauren Erickson** received the Richard L. Beers Award, which honors the graduating student who wrote the most outstanding scholarly paper.

Molly Watkins received the Gordon J. Branes Award, which honors the graduating student with outstanding academic achievement in the physical therapy curriculum.

Michael Orte received the Erik J. Aasen Award, which honors the graduating student who best embodies the spirit of Erik Aasen. A member of the PT Class of 1995, Aasen was a dedicated student,

compassionate humanitarian and selfless colleague who died in a 1994 Thanksgiving holiday traffic accident.

Thomas Mork received the Outstanding Student Award from the Minnesota Chapter of the American Physical Therapy Association (APTA). The award honors a graduating student who demonstrates strong academic performance, excellent clinical performance and professional leadership. In addition, Mork was vice president of the APTA Student Assembly.

#### **Faculty**

Darren Calley, PT, DSc, OCS, assistant professor of Physical Therapy, was appointed to a parttime faculty position with the program. He was named director of the Physical Therapy residency programs in Physical Medicine and Rehabilitation (PM&R). Under his leadership, approvals were secured to initiate:

- Physical Therapy Neurology Residency, coordinated by **Deb Ness**, PT, DSc, NCS, assistant professor of Physical Therapy
- Physical Therapy Sports Residency, coordinated by Cory Kunzer, PT, ATC.

Calley continues to coordinate the Physical Therapy Orthopaedic Residency.

Nathan Hellyer, PT, PhD, assistant professor of Physical Therapy, co-authored publications in the *International Journal of Health, Wellness & Society, Anatomical Sciences Education* and the *Journal of Strength & Conditioning Research.* 

John Hollman, PT, PhD, program director and professor of Physical Therapy, authored or co-authored publications in the Journal of Orthopaedic & Sports Physical Therapy, Physiotherapy Theory & Practice, Knee Surgery Sports Traumatology Arthroscopy, PM&R, Gait & Posture and the Journal of Strength & Conditioning Research.

**Denise Kinlaw**, PT, CHT, assistant professor of Physical Therapy, retired in 2016 after a distinguished 44-year career at Mayo Clinic. She taught in the program for 42 years.

**Dave Krause**, PT, DSc, OCS, associate professor of PM&R, authored or co-authored publications in *Physiotherapy Theory & Practice, Knee Surgery Sports Traumatology Arthroscopy, Anatomical Sciences Education* and the *BMJ Open Sport & Exercise Medicine*.

**Tim Madson**, PT, MS, OCS, assistant professor of Physical Therapy, authored a publication in the *Journal of Orthopaedic & Sports Physical Therapy*.

Heather McCormack, PT, DSc, CWS, assistant professor of Physical Therapy, represented Minnesota at the American Physical Therapy Association's House of Delegates.

Jim Youdas, PT, MS, associate professor of Physical Therapy, authored or co-authored publications in *Physiotherapy Theory & Practice, Anatomical Sciences Education* and the *Journal of Strength & Conditioning Research*.

#### **CLASS NOTES**

Students and hometowns

Kristen Akervik

Battle Lake, Minnesota

**Carly Braun** 

Sauk Rapids, Minnesota

Becca Brown

Greenville, South Carolina

Benjamin Dobson

Mankato, Minnesota

Lauren Erickson

Fountain Valley, California

Joel Hegeman

Spirit Lake, Iowa

Rachel Herrera

Oglesby, Illinois

Angela Imhoff

Huntington, West Virginia

**Julianne Keith** 

Belvidere, Illinois

Katie Krump

Valley City, North Dakota

Kelsey McMurchie

Kasson, Minnesota

**Thomas Mork** 

North Branch, Minnesota

Byram Nash

Aberdeen, South Dakota

Danielle Nonn

Rochester, Minnesota

**Bryan Olson** 

Rapid City, South Dakota

**Michael Orte** 

Stewartville, Minnesota

**Drew Paradis** 

Alexandria, Minnesota

**Bradley Peterson** 

Inver Grove Heights, Minnesota

Kelli Rorem

Cold Spring, Minnesota

Megan Roschen

Zumbro Falls, Minnesota

**Tessah Skoog** 

Mantorville, Minnesota

**Adam Squires** 

Buena Vista, Virginia

**Tess Steele** 

Columbus, Ohio

**Jonathan Taves** 

Colorado Springs, Colorado

**Molly Watkins** 

Kenai, Alaska

Hannah Weiher

Menasha, Wisconsin

**Casey Weiss** 

Lincoln, Nebraska

Sarah Yonkovich

Aberdeen, South Dakota



FRONT ROW: Sarah Yonkovich, Angela Imhoff, Tess Steele, Danielle Nonn, Julianne Keith, Carly Braun SECOND ROW: Rachel Herrera, Lauren Erickson, Molly Watkins, Becca Brown, Casey Weiss, Tessah Skoog, Katie Krump THIRD ROW: Adam Squires, Kelsey McMurchie, Kristen Akervik, Kelli Rorem, Hannah Weiher, Thomas Mork FOURTH ROW: Megan Roschen, Jonathan Taves, Joel Hegeman, Bradley Peterson, Byram Nash BACK ROW: Bryan Olson, Benjamin Dobson, Drew Paradis, Michael Orte

## Physical Therapy Geriatrics Residency

#### PROGRAM UPDATE

The Physical Therapy Geriatric Residency has provided growth opportunities for staff and residents. Our didactic education is provided by 46 instructors from medical, nursing and allied health. The program sponsors approximately 96 curriculum hours and in 2015-2016 awarded more than 450 continuing education contact hours to Mayo staff and community academic partners.

Lydia Bucci, PT, DPT, GCS, Class of 2014, and Erin Davis, PT, DPT, GCS, Class of 2015, the first two residency graduates, passed specialty board certification in geriatric physical therapy and joined Mayo Clinic in Arizona. They are faculty in the residency program.

Resident **Hannah Schonau-Taylor** completed an interdisciplinary specialty clinic proposal, a collaborative poster abstract and numerous presentations.

#### WITH DISTINCTION

#### **Faculty certifications**

- Selen Sonuparlak, PT, DPT, OCS, received board certification in Orthopedic Physical Therapy from the American Board of Physical Therapy Specialists and a certificate in vestibular rehabilitation from the American Physical Therapy Association.
- Kathryn Brewer, PT, DPT, GCS, MEd, CEEAA, received certification from Osteoporosis Canada as a BoneFit trainer.
- Erin Davis, PT, DPT, GCS, received board certification in Geriatric Physical Therapy from the American Board of Physical Therapy Specialists.
- Elaine JohnsonSiekmann, PT, DPT, GCS, received board certification in Orthopedic Physical Therapy from the American Board of Physical Therapy Specialists.

#### **Presentations**

Faculty members Kathryn
Brewer, Melissa Eden, Megan
Eikenberry, Pam Kline,
Elaine JohnsonSiekmann
and Tina Sauber presented
at regional and national
conferences.

#### **Publications by faculty**

- Will KK, Stepanek J, Brewer K, Colquist JA, Cruz JE, Donald CB, Hartsell ZC, Hust SJ, Lowell AA, Markiewicz KA, Panchmatia B, Shelton AT, Novais BS, Wilson R. Interprofessional Orientation for Health Professionals Utilizing Simulated Learning: Findings from a Pilot Study. *Journal of Interprofessional Care*. 2016; March 1.
- Eden, M. EDGE Task Force on Head and Neck Cancer Outcomes: A Systematic Review of Outcome Measures for Quantifying External Lymphedema. *Rehabilitation* Oncology. 2015;33(2):15.
- Eden, M. EDGE Task Force on Head and Neck Cancer Outcomes: A Systematic Review of Outcome Measures for Temporomandibular-Related Dysfunction. *Rehabilitation* Oncology. 2015.33(2).
- Eden M, Straube D. Rasch Analysis of the DASH and the QuickDASH in Patients Undergoing Neck Dissection for Treatment of Head & Neck Cancer. Rehabilitation Oncology. 2015;33(1):64.



Kathryn Brewer, PT, DPT, GCS, MEd, CEEAA, program director; Hannah Schonau-Taylor, PT, DPT, student

#### **CLASS NOTES AND EMPLOYMENT**

Hannah Schonau-Taylor Outpatient geriatrics Kaiser Permanente Portland, Oregon

## Physician Assistant

#### **PROGRAM UPDATE**

The Physician Assistant Program Class of 2016 graduated on May 13. All students passed the national certification exam.

#### **CLASS NOTES**

**Bridget Blake** 

Stephanie Brandt

Erin Dunlap

**Brad Ecklor** 

Nadia Elfessi

Callie Folcey

Jordan Grabow

Karissa Hultmark

Laura Jooss

**Suzanne Mages** 

**Aaron Moon** 

Joy Pehler

Mike Poterucha

Caitlin Rau

Chelsea Ruda

Andrea Schwinghammer

Morgan Swartz

Michael Toye

**Crystal Ziegler** 



FRONT ROW: Robert Adams, program director, associate professor of Orthopedics, Mayo Clinic College of Medicine; Andrea Schwinghammer, Laura Jooss, Suzanne Mages, Bridget Blake, students

SECOND ROW: Chelsea Ruda, Caitlin Rau, Stephanie Brandt, Morgan Swartz, Callie Folcey, Crystal Ziegler, students

THIRD ROW: Erin Dunlap, Mike Poterucha, Nadia Elfessi, Aaron Moon, students

BACK ROW: Karissa Hultmark, Michael Toye, Joy Pehler, Brad Ecklor, Jordan Grabow

## Physician Assistant Fellowship Abdominal Organ Transplant

#### PROGRAM UPDATE

One student is accepted each year for the one-year postgraduate Physician Assistant Abdominal Organ Transplant Fellowship on Mayo Clinic's campus in Arizona. The comprehensive curriculum provides fellows with specialty training in the medical and surgical aspects of liver, kidney and pancreas transplantation.

Fellow Gladys Roldan attended the 2016 American Academy of Physician Assistants Conference in San Antonio, Texas, in May.

#### **CLASS NOTES**

#### Gladys Roldan Seeking employment



Amy Chervenak, PA-C, associate program director, Gladys Roldan, PA-C, student

## Physician Assistant Fellowship Hospital Internal Medicine

#### **PROGRAM UPDATE**

All fellows presented posters at Academic Excellence Day on Mayo Clinic's Arizona campus. **Stephanie Jalaba** presented a poster at the American Academy of Physician Assistants annual conference. Her work will be published in the *Journal of the American Academy of Physician Assistants*.

#### CLASS NOTES AND EMPLOYMENT

Mayo Clinic, Phoenix

#### Amanda Doyon

Division of Hospital Internal Medicine

#### Stephanie Jalaba

Division of Hospital Internal Medicine

#### **Abigail Taylor**

Department of Neurology



Stephanie Jalaba, Abigail Taylor, students; Amber Brooks-Gumbert, PA-C, program director; Amanda Doyon, student; Jennifer Palermo, PA-C, associate program director

## Physician Assistant Fellowship Otolaryngology/Head and Neck Surgery

#### **PROGRAM UPDATE**

This is the eleventh year of the postgraduate Physician Assistant Fellowship in Otolaryngology and Head and Neck Surgery on Mayo Clinic's Arizona campus.

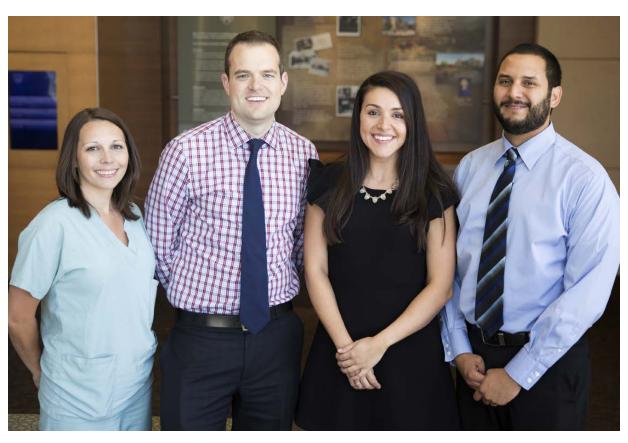
Student **Alexandria Cable** is a native of Phoenix and a graduate

of Northern Arizona University's physician assistant program. Student **David Holley** is a native of Dallas, Texas, and completed his graduate physician assistant studies at the University of Texas in Galveston.

#### **CLASS NOTES AND EMPLOYMENT**

Department of Otolaryngology/ Head and Neck Surgery Mayo Clinic, Phoenix

Alexandria Cable
David Holley



Carrlene Donald, PA-C, associate program director; David Holley, PA-C, Alexandria Cable, MPAS, PA-C, students; Anthony Mendez, PA-C program director

## Radiation Therapy

#### **PROGRAM UPDATE**

Members of the Radiation Therapy Class of 2016 received Mayo Clinic School of Health Sciences certificates on Aug. 17. This is the program's 36th graduating class. For the first time, students participated in structured rotations through the proton therapy treatment area and set-up rooms.

All graduates passed their board exams.

#### WITH DISTINCTION

Nicole Dorn was recognized for graduating with a 4.0 grade point average (GPA). Carissa Becher, Vanessa Gullicksrud and Carmen Mullenbach were recognized for graduating with a GPA of greater than 3.75.

Nicole Dorn and Vanessa Gullicksrud won second place in the Student Scholar Bowl at the Chicago Area Radiation Therapists 39th Annual Conference in April 2016.

**Ivy Petersen**, MD, was recognized for 20 years of service as program medical advisor.

Michael Bentele, radiation therapist and MCSHS alumnus, Radiation Therapy Class of 2014, received the Clinical Educator Award. Randi Finley, medical dosimetrist, received the Didactic Faculty Award.

#### **CLASS NOTES AND EMPLOYMENT**

Proton Beam Therapy Program Mayo Clinic, Rochester

Nicole Dorn

Vanessa Gullicksrud

Carmen Mullenbach

Sarah Wilken

Other

Carissa Becher

Bismarck Cancer Center Bismarck, North Dakota



Nicole Dorn, Sarah Wilken, Vanessa Gullicksrud, Carmen Mullenbach, Carissa Becher

## Radiography Internship — Arizona

#### **PROGRAM UPDATE**

The Arizona Radiography Internship Class of 2016 celebrated commencement on May 13 at the North Phoenix Baptist Church. The students also were honored at an awards banquet at The Main Event in Tempe on May 6 and at the Mayo Clinic School of Health Sciences graduation ceremony on June 1 in Waugh Auditorium, Phoenix campus.

The Radiography Internship, in affiliation with the Medical Radiography Program at Gateway Community College, Phoenix, is in its 14th year at Mayo Clinic's Arizona campus.

#### WITH DISTINCTION

**Iennifer Texeira** was elected to leadership roles in the Student Association of Radiologic Technologists at Gateway Community College. She was secretary and treasurer for a year.

Jeremy Wainwright graduated with Phi Theta Kappa honors from Gateway Community College and earned the 2015 Outstanding Student Award.

#### **CLASS NOTES AND EMPLOYMENT**

#### Angela Bosovski

Phoenix Children's Hospital Phoenix

#### **Iennifer Texeira**

Mayo Clinic Hospital Phoenix

#### Jeremy Wainwright

Mayo Clinic Hospital Phoenix



Jennifer Texeira, student; Kerry Knodel, RT(R), program director; Jeremy Wainwright, student Not pictured: Angela Bosovski

## Radiography Program — Rochester

#### PROGRAM UPDATE

The commencement ceremony for the Radiography Program Class of 2016 was May 12.

During the ceremony, students, faculty and guests remembered student **Kayla Cunningham** who was killed on Nov. 6, 2015, in a car crash. She will forever be a member of the Class of 2016, and her memory lives on through her classmates and program faculty.

All students passed the registration examination administered by the American Registry of Radiologic Technologists. This class achieved the highest average mean score on the examination in the history of the MCSHS Radiography Program.

Eight students have accepted employment in the Mayo Clinic Department of Radiology. Six students are continuing their education in radiation therapy, and two students have been hired outside of Mayo Clinic.

#### WITH DISTINCTION

Outstanding Clinical Student: Rashad Momoh

Outstanding Student Achievement: **Brandi Otto** 

Outstanding Clinical Educator: **Timothy Kohlmann**, RT(R), **Jacquel Perry**, RT(R)

Outstanding Academic Student: **Brittany Howard, Brandi Otto** 

#### **CLASS NOTES**

Students and hometowns

**Erica Allen** Storm Lake, Iowa

**Anna Cummings**Burnsville, Minnesota

**Kayla Cunningham** Aberdeen, South Dakota

**Jacob Fischer** Eagan, Minnesota

**Allison Fisher** Waunakee, Wisconsin

**Danielle Henke** Maple Grove, Minnesota

**Brittany Howard**Webster, Minnesota

**Stephanie Jacobson** Millville, Minnesota

Kelly Jahnke

Pine Island, Minnesota

**Travis Johnson**St. Paul, Minnesota

**Cassidy Miller** Mankato, Minnesota

Rashad Momoh Little Canada, Minnesota

**Brandi Otto**Glenwood, Minnesota

**Kate Seivert**Dawson, Minnesota

**Nicole Starkson** Mankato, Minnesota

**Amanda Szostak**Oakdale, Minnesota

**Kelly Underdahl** Byron, Minnesota



FRONT ROW: Allison Fisher, Brittany Howard, Jacob Fischer, Nicole Starkson, Kate Seivert, students

SECOND ROW: Erica Allen, Rashad Momoh, Cassidy Miller, Amanda Szostak, Travis Johnson, Danielle Henke, students

BACK ROW: Kelly Jahnke, Kelsey Underdahl, Anna Cummings, Brandi Otto, Stephanie Jacobson, students

### Respiratory Care

#### PROGRAM UPDATE

On May 15, 2016, the graduates were presented with their Bachelor of Science in Health Profession degrees during the University of Minnesota Rochester commencement ceremony

The program welcomed **Mindy Eickhoff,** RRT, as a part-time faculty member.

#### WITH DISTINCTION

**Tiffany Long** graduated with distinction, achieving a grade point average of 3.75 or higher.

Hannah Tkach graduated with high distinction, achieving a grade point average of 3.9 or higher. Tkach presented her abstract poster, titled "Expiratory Time Constant Agreement with Adult Mid-Frequency Ventilation," at the American Association for Respiratory Care Congress in Tampa, Florida.

She was awarded the American Respiratory Care Foundation's Jimmy A. Young Memorial Education Recognition Award for a literature review she authored titled "Use of VV ECMO in Acute Respiratory Failure."

Mohamed Yusuf presented his abstract poster, titled "Whole Lung Lavage for Pulmonary Alveolar Proteinosis," at the American Association for Respiratory Care Congress in Tampa, Florida.

Faculty member **William LeTourneau II,** RRT, was awarded the Minnesota Society for Respiratory Care Forrest M. Bird Award for Innovations in Respiratory Care.

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Rochester, Minnesota

Amanda Krinke

Megan Lentz

**Tiffany Long** 

Hannah Tkach

**Mohamed Yusuf** 

Mayo Clinic Health System, Mankato, Minnesota

Kendra Sander

Gage Stroope

**Maximillan Topic** 

Other

McKenzie Bangasser University of Vermont Medical Center Winooski, Vermont



FRONT ROW: Kendra Sander, Hannah Tkach, McKenzie Bangasser, Amanda Krinke, Megan Lentz, Tiffany Long, students BACK ROW: William LeTourneau II, RRT, faculty; Anna Marie Spartz, RRT, clinical coordinator; Mohamed Yusuf, Maximillan Topic, Gage Stroope, students; Vanessa King, RRT, program director; Mindy Eickhoff, RRT, faculty

## Sonography

#### **PROGRAM UPDATE**

The graduation ceremony for the Sonography Program Class of 2016 was May 18 in Geffen Auditorium with live video connection to the Walker Auditorium in Jacksonville, Florida. Family, friends, mentors and colleagues shared in the celebration of success.

All graduates are credentialed in at least two of the three required specialties — abdomen, obstetrics/ gynecology and vascular through the American Registry for Diagnostic Sonography. All students have job offers.

#### WITH DISTINCTION

Lexi Stuart received the Outstanding Student Achievement Award.

Sonographers and vascular technologists recognized for outstanding clinical education were: Landon Padgett, Joliene Mattison, Laura Schmalz, Laura Sutton and Patricia Wilson.

#### **CLASS NOTES**

Students and hometowns

Kaitlyn Andersen Cologne, Minnesota

#### Brian Bayerkohler

New Richland, Minnesota

#### Julia Bjorke

Albertville, Minnesota

#### **Taylor Olmsted**

Waupaca, Wisconsin

#### Catherine Otto

Belle Plaine, Minnesota

#### Jessica Prink

Henning, Minnesota

#### Lexi Stuart

Boyceville, Wisconsin

#### Kelli Van Leeuwe

Marshall, Minnesota

#### Shannon Unz

Fernandina Beach, Florida



#### **ROCHESTER**

FRONT ROW: Catherine Otto, Jessica Prink, Taylor Olmsted, Kelli Van Leeuwe, Julia Bjorke, Lexi Stuart, Kaitlyn Andersen, students

BACK ROW: Diane Youngs, program director; Allan Neis, clinical coordinator; Brian Bayerkohler, student; Rebecca Madery, academic coordinator



FLORIDA

Francis St. George, clinical coordinator; Shannon Unz, student

## Surgical First Assistant

#### **PROGRAM UPDATE**

The 2016 Surgical First Assistant graduation was Aug. 12. Mayo Clinic School of Health Sciences Dean **Michael Silber,** MB, ChB, welcomed students and families. **Chase Harley** provided the student address. **Raylene Erasmus,** National Surgical Assistant Association, was guest speaker.

All students passed the National Commission for the Certification of Surgical Assistants exam. Their combined scores were the highest in the nation for 2016. At graduation, 93 percent of the graduates had found jobs.

#### WITH DISTINCTION

Appreciation Award: **Greg Cooper**, CSA, preceptor

Outstanding Preceptor Award: **Anthony Eichman,** CSA, Methodist Campus; **Randy Johnson,** CSA, Saint Marys Campus

Publications: Amar Aburas, Clai Catto, Chase Harley, Lauren Johnson, Mauricio Miranda, Keith Nelson, Alina Seletska, Aubrey Villarreal, students

#### **CLASS NOTES AND EMPLOYMENT**

Mayo Clinic, Rochester

Nick Baker

Clai Catto

**Chase Harley** 

Molly Jackson

Lauren Johnson

Sophia Leoni

Mauricio Miranda

**Keith Nelson** 

**Hannah Olson** 

**Morgan Pass** 

Alina Seletska

**Aubrey Villarreal** 

Other

**Amar Aburas** 

Seeking employment

Andrea (Maria) Buenaventura

ASP Professionals Chicago, Illinois

Caitlin Hartmann

Seeking employment



FRONT ROW: Alina Seletska, Sophia Leoni, Lauren Johnson,

Keith Nelson, Morgan Pass, Andrea Buenaventura

SECOND ROW: Hannah Olson, Chase Harley, Molly Jackson,

Caitlin Hartmann, Mauricio Miranda

BACK ROW: Nicholas Baker, Aubrey Villarreal, Amar Aburas, Clai Catto



# We welcome alumni and student news

Your comments, academic and career news, and story ideas are welcome. Email: connectionsmageditor@mayo.edu



Connections is published three times a year and mailed free of charge to alumni, students and friends of Mayo Clinic School of Health Sciences (MCSHS).

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Alumni relations
business analyst
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## Confusion to clarity: Learn about concussions

#### **MSHS Alumni Association Annual Meeting April 21**

If you or a family member are physically active or play sports, you've probably had some experience with a good knock on the noggin. Is every bump a concussion? How worrisome are concussions?

Mayo Clinic experts David Soma, MD, Community Pediatric and Adolescent Medicine, and Cara Prideaux, MD, Physical Medicine and Rehabilitation, will discuss, "Confusion to Clarity: Helping to Create a Better Understanding of Concussions."

#### April 21, 2017

Rochester Marriott Hotel	Reception	5:30 p.m.
101 First Ave SW	Program	6:15 p.m.
Rochester, Minnesota	Dinner	7:15 p.m.



David Soma, MD



Cara Prideaux, MD

#### » LEARN MORE

The evening is free for MSHS alumni and a guest. Reserve your spot by April 14, 2017, at <a href="http://2017mshsaadinner.eventbrite.com">http://2017mshsaadinner.eventbrite.com</a>