



Mayo School of Health Sciences

Connections

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

WINTER | 2013



**GRADUATION
ISSUE**

New connections begin with graduation

Congratulations, graduates. Your hard work has paid off. You're forever associated with an institution renowned for providing the highest quality allied health education and unparalleled patient care. Wherever you go in your journey, you take with you the Mayo culture of excellence and patient centeredness — whether in direct patient care, in the lab, or in research.



Don't let your connection with the Mayo School of Health Sciences (MSHS) end at graduation. Alumni connectedness contributes to the school's continuous improvement. Your Alumni Association wants to hear about your career journey and accomplishments. And we're here to help you with lifelong benefits including networking and exploring career opportunities.


Remember that MSHS can continue to play a role in your professional development. As health care changes and the education model evolves, MSHS is adopting new and nontraditional ways to meet the needs of learners at all stages of their careers. Consider our new professional development courses and blended learning pilots.

Whether or not your professional journey leads you back to formal learning at MSHS, I hope you keep learning and striving to deliver the high-quality health care that has been integral during your formative years in education. As students of MSHS, we've experienced excellent educators. Pass it on. Whether you educate patients and their families,

“As students of MSHS, we've experienced excellent educators. Pass it on.”

– TODD A. MEYER

your peers or others in your health care team, you pass on the great gift of teaching and learning as you go forward.

Strive for the best, keep learning, share your knowledge with others. And please keep in touch with your Alumni Association. We want to hear about your glorious successes! 

A handwritten signature in black ink, appearing to read "Todd A. Meyer". The signature is written in a cursive style and is positioned above the typed name and title.

*Todd A. Meyer, DNAP, CRNA
Department of Anesthesiology
Mayo Clinic*

www.mayo.edu/alumni | www.facebook.com/mshsalumni

ON THE COVER

Graduates from MSHS in Florida include Robert Wring, Radiography; Kayla Fisher, Dietetic Internship; and Siddharth Krishna, Biomedical Science Internship.

Mayo School of Health Sciences

Connections



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- Nuclear Medicine
- Nurse Anesthesia
- Nurse Practitioner
- Pharmacy
- Phlebotomy
- Physical Therapy
- Physician Assistant
- Radiation Therapy
- Radiography
- Respiratory Care
- Sonography
- Surgical First Assistant



Sibshops offer support, connection to special siblings

In August, 50 kids gathered for a day under the big top at Ironwood Springs Ranch in Stewartville, Minn.

But this was no ordinary circus. And these were no ordinary kids.

All shared a common bond: a sibling with a life-threatening or life-altering condition, such as cancer, autism or Down syndrome. The circus-themed event, called a Sibshop, gave these brothers and sisters a chance to connect with other kids who understand their challenges and frustrations.

“When you have a child with an illness, family dynamics change completely,” says Kelli Passalacqua, LICSW, a 1997 graduate of the MSHS Social Work Residency Program who now works in pediatric oncology at Mayo Clinic. “Sibshops help acknowledge the worries and issues faced by siblings of kids with an illness or disabling condition.”

Developed by Don Meyer, director of the Sibling Support Project in

Seattle, Sibshops provide a safe place for kids to share their fears and frustrations. They’re also an opportunity to have fun and be a kid. This summer’s event included games, a dunk tank and cotton candy.

“Sibshops are a time to focus on the brothers and sisters,” says Jessica Stanton, a child life specialist and 2012 graduate of the MSHS Child Life Internship Program. “When there’s a sick child in a family, their siblings

SOCIAL WORK RESIDENCY AND INTERNSHIPS

Social workers help families cope with the stress of illness and connect them to resources and support inside and outside the hospital environment. MSHS offers a 12-, 18- or 32-week social work residency in Rochester, a one- to two-semester internship in Florida and a two-semester internship in Arizona.

The hands-on programs give students opportunities to conduct patient assessments, provide counseling and education related to their illness, treatment and recovery, and facilitate support groups for patients and their families.

“We’ve had really passionate students come our way through the program,” says Kelli Passalacqua, 1997 graduate of the Rochester residency who is now a mentor for the program. “They come in ready to do the work.”

Each year, one or two students are admitted to the program in Arizona. Florida accepts two to four students, and Rochester five to 10.

CHILD LIFE INTERNSHIP

Child life specialists help children and their families adjust and cope with the stress that often accompanies a serious illness or injury. MSHS in Rochester offers a 480-hour internship that gives students an up-close view of how to do that.

“Our interns have opportunities to see the child life staff working in a variety of settings, including the Emergency Department, Neonatal ICU and Pediatric Transplant,” says Randy McKeeman, MEd, CCLS, Child Life Program supervisor. “We have an excellent staff dedicated to giving our students individualized attention and mentoring.”

Jessica Stanton, 2012 graduate, says the program was invaluable in helping her develop the skills she’d need on the job.

“The variety of areas we observed and providers we followed gave me a wide range of experiences to draw from once I was working on my own,” she says.

Twenty students have completed the internship since it was first offered in 1998. The program currently enrolls two students each year.

may not get as much attention as they need. It’s important for them to have a day that’s just for them.”

Mayo Clinic hosts two Sibshops each year. Each has its own theme, with activities developed by a team of child life specialists, social workers, nurses and doctors. At the events, facilitators trained in the Sibshop model lead participants through activities that promote connection and reflection.

“Some of the activities are just for fun, but others give the kids a chance to talk about their feelings,” says Stanton. For many participants, those feelings include sadness, embarrassment or guilt.

“We help the kids talk through hard feelings,” says Stanton. “We let them know their feelings are OK.”

The program often brings relief. “Kids find out they aren’t alone, that there are other kids who have to explain what’s wrong with their brother or sister,” says Passalacqua.

She adds that the events are a hit with kids and their parents.


“Many of our kids have done more than one Sibshop,” she says. “They develop relationships with the other kids and their facilitators. Parents are so excited and grateful for the program.”

“We help the kids talk through hard feelings. We let them know their feelings are OK.”

– JESSICA STANTON

The staff who run the Sibshops are grateful, too.

“It’s great to see the kids laugh and be excited,” says Stanton. “The kids really need something like this. It feels good to be a part of it.”

To learn more about Sibshops, visit sibshopsupport.org. 





MSHS celebrates 40 years

Training the workforce of the future with the highest quality education

It's the 40th anniversary of Mayo School of Health Sciences, established by the Mayo Foundation Board of Trustees in 1973.

The genesis of the school was simple: training the workforce of the future. Mayo Clinic needed highly trained professionals long before the educational programs required for the professions were well established. Today, training the future workforce is still the school's foundation.

MSHS traces its roots back to 1889 and Edith Graham Mayo, who was

trained on the job as Mayo Clinic's first nurse anesthetist. (She married Charles Mayo, MD, one of the founders of Mayo Clinic, in 1893.) Before 1973, education took place on the job. The formation of the school moved education from an employee model to a student model.

As 2013 wanes, MSHS offers 128 unique programs, ranging from

certificate programs to postdoctoral level — often with academic partners — in 60 professions for more than 1,700 students each year. In addition, MSHS offers 70 clinical rotations.

"Our original mission of training the future workforce has expanded to provide the highest-quality allied health education available," says Claire Bender, MD, who has been MSHS dean since 2002. "It's important to reflect on where we've come from and what we've become. We've done something really good and wonderful here."



1973

The Mayo Foundation Board of Trustees established the Mayo School of Health-Related Sciences (MSHRS).

The early programs were Medical Laboratory Technician, Nurse Anesthesia, Occupational Therapy, Physical Therapy and Respiratory Therapy.

Gerald Needham, PhD, was named the first associate director of MSHRS.

1970s

A handful of department-based training programs transitioned into the new school. By the end of the decade, there were 11 programs.

“We established a department that turned out to be the MSHRS, with coordinated leadership, instruction and funding,” says Gerald Needham, PhD, associate director of MSHRS

from 1973 to 1981 and now a Mayo emeritus staff member. “This move was an essential part of the growth of educational programs at Mayo Clinic. We worked with those who were establishing Mayo Medical School at the same time, bringing everything into the Division of Education. It was a fun time.”

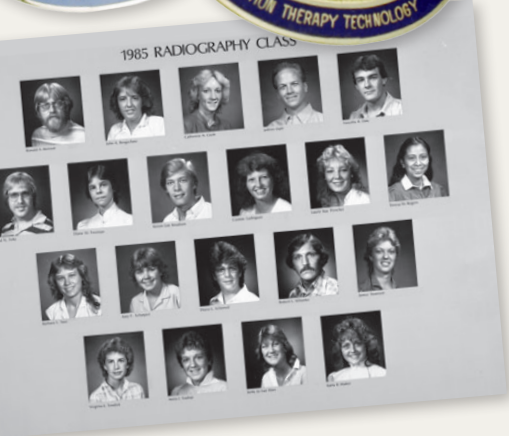
Nancy Hockert was program director for the Nuclear Medicine

Technology Program in the 1970s. With the launch of MSHRS, her job got easier. “We began having program director meetings where we could share ideas and hold combined recruitment events. Along came workshops for teachers and students, and common orientation, convocations and some curriculum,” says Hockert, who is now retired.



“ We established a department that turned out to be the MSHRS, with coordinated leadership, instruction and funding.”

– GERALD NEEDHAM, PHD



1989

The Harold W. Siebens Medical Education Building was completed, with MSHRS classrooms and offices occupying two floors.

The Physical Therapy Program transitioned from a certificate to a master's degree program.

1983

Mayo Foundation was accredited to grant graduate degrees.

1988

MSHRS programs were established in Florida and Arizona, with clinical rotations for Rochester students.



1980s

The 1980s marked continued growth, with the first degree-granting privileges for the school and the first master's degree program. Completion of the Siebens Building was significant — it was built specifically for Mayo's education mission and established a visible education footprint on the Rochester campus.

"Having program directors' offices together in the Siebens Building

facilitated collaboration," says Hockert, who is now retired. "I could ask my peers how they would handle a particular student issue. When I taught a workshop on proper back care and lifting techniques, I could pull in colleagues from the Physical Therapy Program staff to help because we were on the same floor. This collaboration and sharing was great for program directors but also beneficial for students."



“ Having program directors' offices together in the Siebens Building facilitated collaboration.”

— NANCY HOCKERT





1995

Physician Assistant Program is added in partnership with the University of Wisconsin - La Crosse.

The Nurse Anesthesia Program transitioned from a certificate program to a master's degree program.



1990

Sonography Program added.



1998

MSHRS Alumni Association was launched.



1990s

In the 1990s, students from Rochester started participating in clinical rotations in Florida and Arizona, before formal programs were established there. It broadened employment opportunities for students.

“Students who had been trained in the Mayo Model of Care were very welcome in Florida. We were in the midst of bringing St. Luke’s Hospital into the Mayo fold, and it was

advantageous to have that infusion of Mayo culture,” says Nell Robinson, chair, Education Division, Florida.

Other highlights from the 1990s:

- Nurse Anesthesia transitions to a master’s level program.
- Several new programs launch including: Clinical Neurophysiology, Diagnostic Genetics, Echocardiography, Nurse Practitioner, Sonography and Social Work.



“Students who had been trained in the Mayo Model of Care were very welcome in Florida.”

– NELL ROBINSON



2001

MSHRS introduced its first Florida-based program, Radiography.

Sonography became the first distance-learning program, with students in Florida participating in Rochester-based lectures.



2006

The Physical Therapy Program began awarding doctor of physical therapy degrees.



2002

The school's name changed to Mayo School of Health Sciences (MSHS).

2003

The Multidisciplinary Simulation Center opened in Rochester.



2000s

In the 2000s, the school evolved from a loose conglomeration of programs to a more mature institution. The programs grew and evolved, including the first doctoral-level degree in the Physical Therapy Program. To better reflect its mission, the school's name changed to Mayo School of Health Sciences.

Distance learning emerged. Through technology links, Sonography students in Florida had lectures from faculty members in Rochester — maximizing resources without compromising quality of education.

“Most students want to be close to home, and distance learning makes

our program more appealing and our local recruiting easier,” says Frank St. George, coordinator of the Sonography Program in Florida.

The initiation of the Radiography Program in Florida solved a staffing problem. “Mayo Clinic in Florida was an early adopter of digital radiography, so it was challenging to hire trained X-ray technicians. We began training students in our new program who could transition seamlessly from students to employees to resolve our hiring issue,” says St. George.

During this decade, MSHS began building a relationship with the

University of Minnesota. “We wanted to collaborate with a baccalaureate degree-granting institution,” says Bethany Krom, MSHS administrator. “Today, the two institutions offer a Bachelor of Science in Health Professions (BSHP) degree program. Students receive a degree from the University of Minnesota Rochester (UMR) and a certificate from MSHS.”

Also, internship opportunities expanded and improved. “Internships at Mayo are sought after,” says Arnie Bigbee, MSHS administrator from 1998 to 2007. “We worked toward organizing and structuring them to improve the experiences.”

MSHS began efforts to increase diversity. “Rochester is growing, and the school needs to look more like the broader community,” says Bigbee, who is now retired.

“ We began training students in our new program who could transition seamlessly from students to employees to resolve our hiring issue.” – FRANK ST. GEORGE



2010

The MSHS Alumni Association introduced the Recognition of Outstanding Contribution award by an alumnus/alumna.

MSHS received a \$1.7 million gift from the Blanche Hammers Trust.

2012

A pilot was launched to study blended learning.

The Edith Graham Mayo Society was established to recognize MSHS alumni donors of \$1,000 or more.



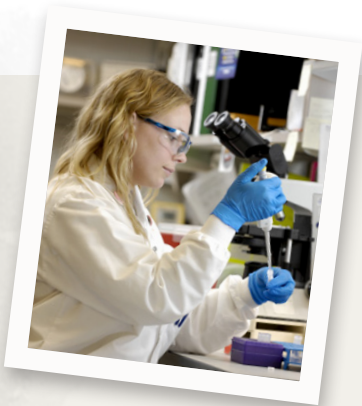
2013

First students graduated with a Bachelor of Science in Health Professions from UMR and a certificate from MSHS.

2011

Professional enhancement courses were introduced.

MSHS received an anonymous \$1 million gift that was applied to implement blended learning — a combination of online and traditional learning.



2010s

The 2010 decade has been focused on reshaping the delivery and value of education. This includes exploring ways to improve efficiency without sacrificing excellent educational outcomes. Blended learning is an example of this. Another is interprofessional education — mixing students from various Mayo programs

and schools to prepare them in the teamwork skills so important for delivering safe, effective patient care. Yet another is professional enhancement courses, which are geared toward current practitioners. Courses prepare learners to expand scope of practice and enhance clinical competence and career opportunities.

“We’re determining the right business model or models for education for the years to come,” says Krom. “The significant changes occurring in health care affect health care education, too. We’re intent on making sure the education experiences we provide reflect value and efficiency and emphasize the highest quality possible.”



“We’re intent on making sure the education experiences we provide reflect value and efficiency and emphasize the highest quality possible.”

– BETHANY KROM



Claire Bender, MSHS dean, stepping down

After a more than a decade of leadership, Claire Bender, MD, is stepping down as dean of Mayo School of Health Sciences. Here, we look at the path that led her to MSHS and highlight a few of her many contributions.

Dr. Bender says she understood the value of education from an early age.

“My parents would tell me, ‘Claire, your education is your best investment,’” she says. “They believed the pathway to success was through education.”

Her parents also believed in giving back, and their daughter has taken both lessons to heart, devoting much of her career to helping others create opportunities for themselves through education.

From student to leader

Dr. Bender initially came to Mayo Clinic as a student, first to the MSHS Physical Therapy Program and later as a resident in internal medicine and diagnostic radiology.

After completing her training, she joined Mayo Clinic and was tapped to develop a new MSHS Radiography Program. She says the experience sparked her interest in allied health education.

“Those were my formative years at Mayo,” says Dr. Bender, who served as the program’s first medical director. “That opportunity led to other opportunities, including leadership roles on state and national certification and accreditation groups.”

Thanks to her roles within and outside of the institution, Dr. Bender soon became known as an advocate for allied health and allied health education. In 2002, when the institution was looking for a new dean for MSHS, she was selected for the job.

“The best part about the position has been the wonderful people I’ve worked with,” she says. “We’ve been a great team.”

Dr. Bender has also enjoyed representing an institution recognized throughout the country for its unique education model.

“At conferences, deans’ groups would look to us to see how we were responding to changes in practice,” she says. “Because we have a state-of-the-art practice that is so closely connected to our education arm, we’re able to change curriculum quickly. That’s one of the spectacular advantages of Mayo, and something that couldn’t be done just anywhere.”

Professionalizing allied health education

One of Dr. Bender’s most significant contributions as dean has been to help professionalize the school and allied health careers. In 2005, she was appointed to the Rochester Higher Education Commission, which helped establish a four-year University of Minnesota campus in Rochester. She then worked with the university to develop the Bachelor of Science in Health Professions

“The best part about the position has been the wonderful people I’ve worked with. We’ve been a great team.”

– CLAIRE BENDER, MD

degree, a combined program that allows students in the MSHS Echocardiography, Radiography, Respiratory Care and Sonography programs to earn a bachelor’s degree from the university.

Dr. Bender has also spearheaded novel approaches to education, including blended learning, which combines traditional classroom activities with online instruction, and interprofessional education, which brings students from different programs together to learn in multidisciplinary teams.

“She’s open to new and innovative approaches, but keeps true to Mayo ideals,” says Michael Silber, MB, ChB, associate dean for Academic and Faculty Affairs.

This approach has helped unify MSHS and raise its profile.

“Dr. Bender found the school as a group of loosely affiliated, largely independent allied health programs and built it into a cohesive entity,” says Dr. Silber. “Under her leadership, MSHS has become known nationally as one of the leading schools of health sciences.”

That’s a reputation Dr. Bender is proud to have helped earn, and one she knows her colleagues will maintain.

“The school is in very good hands,” she says. “I wish the school and the education shield the very best, and I wish my successor as much satisfaction in the position as I’ve had.”

CAREER HIGHLIGHTS

- Dean, Mayo School of Health Sciences, 2002–2013
- Chair, Personnel Committee, Rochester Board of Governors, 1997–2003
- Member, Rochester Higher Education Commission, 2005–2006
- First Vice President, Radiological Society of North America, 2006
- President, American Registry of Radiologic Technologists, 2001–2002
- President, Minnesota Radiological Society, 1992–1993



SEEKING OUTSTANDING ALUMNI

Nominations open for 2014 MSHS alumni award

The MSHS Alumni Association is seeking nominations for the 2014 Recognition of Outstanding Contribution

The Alumni Association will consider graduates who:

- Are dedicated to the service of patients
- Promote the art and science of medicine through the education of students — in a clinical or academic setting
- Participate in and/or encourage research
- Are leaders in their field
- Are involved in community service
- Have made contributions to underserved populations or provide services in challenging situations
- Are involved with MSHS

Self-nominations are encouraged. More information and the nomination form are available at <http://www.mayo.edu/alumni/>.

This recognition will be presented at the Alumni Association annual meeting in April 2014. Travel expenses will be covered for the recipient.

The nomination deadline is Jan. 31, 2014.



ALUMNI ASSOCIATION BOARD PROFILE

Kimberly Bishop glad she stepped up to volunteer

Still early in her physical therapy (PT) career, Kimberly Bishop hadn't considered getting involved in the MSHS Alumni Association Board of Directors. "I didn't think I had the experience needed," says Bishop, who completed the PT Program in 2005.

When a former classmate suggested she apply for a position, she took a chance. She was accepted for board membership in 2012 and will serve three years.

She's glad she took that chance. "I feel like my opinion matters," she says. Bishop attends the annual meeting each spring and participates


"I'm in a role that will impact my future colleagues, help sustain a good PT Program and allow me to keep in touch with alumni inside and outside of PT."

– KIMBERLY BISHOP

in other association business via email and phone calls.

Bishop believes that her investment in the alumni association is helping to build a cadre of quality PT graduates who may one day work with her. Bishop is a supervisor of Rehabilitation Admissions for University of Minnesota Medical Center Fairview, Minneapolis. She supervises a team of physical therapists and nurses who work with patients to determine the best level of rehabilitation care.

"Strong alumni help keep the PT Program going strong," she says. "I'm in a role that will impact my future colleagues, help sustain a good PT Program and allow me to keep in touch with alumni inside and outside of PT," says Bishop of her volunteer position with the MSHS Alumni Association board.

"As an extracurricular activity, it's a nice balance to my job. It's a creative outlet. And it doesn't hurt to have it on my resume!" 

Applications due for MSHS Alumni Association Board

The MSHS Alumni Association Board of Directors welcomes new members every year. Board members provide direction for programming and activities of the MSHS Alumni Association.

To be considered for service, submit a letter indicating your interest by March 25, 2014. Applications are reviewed by a nominating committee to ensure broad representation of MSHS programs.

Board terms are for three years. Board members return to Mayo Clinic each spring for an annual meeting; travel expenses are reimbursed.

For information

Visit: www.mayo.edu/alumni

Email: mshsaa@mayo.edu



NEXT GENERATION

Learning about disease, diagnosis at summer camp

Students eagerly await their turn as Corey Woxland, MSHS Radiography Program, walks Hibaq Mohamed through the steps of equipment positioning.

“If we can interest students early on...it’s our way of inspiring and cultivating the next generation of health care providers.”

– VANESSA KING

Health Sciences Summer Camp is not your typical camp for teens. Instead of camping or canoeing, a group of Rochester, Minn., area 10th to 12th grade students focused on disease and diagnosis.


The weeklong camp was a collaboration between the University of Minnesota Rochester (UMR) and Mayo Clinic. Using interactive activities in biology, chemistry, mathematics and the humanities, students explored issues associated with understanding and treating disease. They participated in scenarios and training that showed applications of evidence-based medicine, ethical decision-making and the importance and challenges of establishing good communication within a health care team. Along the way, they learned about health professions and the importance of Science, Technology, Engineering and Math (STEM) coursework to prepare for a health sciences career.

Several students said their day at Mayo Clinic was the highlight

of camp. Mayo School of Health Sciences faculty provided hands-on training scenarios, where students could learn about the Radiography and Respiratory Care programs.

“We know, with our aging population, demand for respiratory care practitioners will increase,” says Vanessa King, Respiratory Care Program director. “If we can interest students early on and help guide their education path, it’s our way of inspiring and cultivating the next generation of health care providers.”

“This makes you think differently about the classes you’re taking in school,” says one participant. “You’re not just studying to get a good grade. You’re learning so you can apply it to a future career. This makes me think more about going into medicine and what I need to do to get there.”

That’s exactly the kind of camp memory that Mayo Clinic and UMR were hoping to create. 



ALUMNUS PROFILE

A pharmacist in space?

Does Matthew Geraci, PharmD, EOD, have the right stuff?

Geraci, age 41, has tailored his career to convince the National Aeronautics and Space Administration (NASA) that he does indeed have what it takes to be an astronaut.

He became an Eagle Scout. He graduated from West Point, the U.S. Military Academy, with degrees in physics and nuclear engineering. In the U.S. Army, he rose to the rank of major and commanded a military bomb squad that disposed of unexploded ordnance and improvised explosive devices (IEDs). He is a runner and a triathlete who even “escaped from Alcatraz” by swimming from the famed prison across the San Francisco Bay.

“Feedback from NASA has driven me in different directions,” Geraci explains. “They told me to get smarter and become an expert in your field.”

That led Geraci to further his education. He earned a doctorate in pharmacy from the University of Utah in 2006. He completed his

residency through Mayo School of Health Sciences at Mayo Clinic in Florida, where he set up a pharmacy rotation in the Emergency Department.

“I fell in love with pharmacy,” he says, “and I knew I wanted to be involved in emergency medicine.” He now works as a clinical pharmacist, specializing in emergency medicine and toxicology at Baptist Medical Center Jacksonville. He precepts an experiential rotation to residents and students in the ED, teaches clinical pharmacy courses, publishes and has been invited to speak at international medical conferences.

Geraci has been a candidate for the astronaut program in all four selection processes since 2001. Although he has yet to make the final cut, he achieved a rating of “highly qualified” in 2009. This year, NASA chose eight new astronauts from a pool of more than 6,100 candidates.


Earlier this year, Geraci demonstrated the kind of ingenuity that NASA craves. His hobby of engraving glass, rock, metal and

While Pharmacist Matthew Geraci works toward astronaut qualification, he’s sold NASA on improved signage for the Marshall Space Flight Center.

other items with an industrial sandblaster had grown into a small business, and he won the bid to create signs for the 14 major consoles in NASA’s control room for the International Space Station.

NASA requested engraved glass signs for the Payload Operations Integration Center at Marshall Space Flight Center in Huntsville, Ala., which coordinates more than 200 science experiments aboard the orbiting laboratory. Geraci proposed building custom bases and, under the engraved plateglass, adding electronics that could change color. By changing the color of a sign, a controller could give everyone in the control room a visual cue of a status change or task completion.

“It was just a simple idea that gave NASA a new way to communicate,” says Geraci.

He plans to apply again when NASA needs another class of astronauts, probably in three or four years. If he’s not chosen, Geraci says he’ll be content being earthbound. “It’s been an amazing journey,” he says. “Worst case, I love my job.” 





ALUMNUS PROFILE

Pharmacy residencies prepared him for Army career

Maj. Lyle Kolnik, PharmD, BCPS, says serving in the U.S. Army has offered opportunities he never imagined possible. “Foremost, I use my pharmacy training to care for our wounded warriors,” he says.

Kolnik completed a Postgraduate Year One (PGY-1) Pharmacy Practice Residency at Mayo School of Health Sciences in Florida in 2006. He completed his Postgraduate Year Two (PGY-2) Critical Care Pharmacy Residency at Orlando Regional Medical Center in Orlando, Fla.

In 2008, he joined the Army. “I wanted to apply my knowledge and skills to our soldiers and wounded warriors who deserve the best care possible,” says Kolnik.

“I often draw upon my residency experiences and decision-making process to solve a multitude of issues I’m presented with,” he says. “I wouldn’t have been able to achieve what I’ve achieved professionally without completing my residencies.”

And Kolnik has a long list of professional achievements.

His first military assignment was

as chief of clinical pharmacy services and chief of pharmacy support services at Landstuhl Regional Medical Center in Landstuhl, Germany. Next, he served as chief of pharmacy and ancillary services for the 212th Combat Support Hospital in Miesau, Germany. Wounded soldiers from Iraq and Afghanistan

“I wouldn’t have been able to achieve what I’ve achieved professionally without completing my residencies.”

– MAJ. LYLE KOLNIK

are evacuated to Landstuhl for stabilization before returning to the United States for care.

Kolnik’s military-pharmacy career has taken him to Kosovo, where he was part of a NATO-led team evaluating hospitals in Macedonia to determine if their pharmacy, laboratory, and radiology capabilities were adequate to treat U.S. forces.

Maj. Lyle Kolnik, standing, is a pharmacy consultant in eastern Afghanistan. He’s responsible for 60 medical sites.

He has participated in several field training exercises with the German and British armies in Germany and prepared medications for teams to take to Africa to be used on humanitarian missions.

Since February 2013, Kolnik has been stationed in Bagram, Afghanistan, and is an integral part of Combined Joint Task Force–101, Regional Command East. As the Army’s only pharmacy consultant in eastern Afghanistan, he is responsible for 60 medical sites. He answers questions about vaccines and clinical questions about medications and their storage. He visits units to check compliance with Army regulations. He is also writing policies to transition the medications and supplies to other bases as U.S. forces transition out of the country.

“My time in Afghanistan will be a highlight of my career,” he says. “I’m happy to be a part of history.”

After a year in Afghanistan, Kolnik will return to Womack Army Medical Center at Fort Bragg, N.C., where he previously served as the chief of outpatient pharmacy for the busiest pharmacy in the Department of Defense. He’ll have a new role that brings his career full circle. He’ll be director of the pharmacy residency program and clinical coordinator. While residencies are not required for a Doctor of Pharmacy degree, Kolnik strongly encourages pharmacists to pursue them.

“Residency broadens your horizons, expands your knowledge base and prepares you to hit the ground running as a clinician,” he says, no matter where in the world your career takes you. **C**

70

Clinical rotations (active)

Enrollment
1,736

266

Core faculty/program directors

4

Bachelor's-level programs

11.6%
Percentage of diverse students

143

Largest program: Nurse Practitioner (students)

Programs
128

Scholarships
187

226
Affiliated schools

135
Edith Graham Mayo Society membership

13
Bachelor of Science in Health Professions degrees awarded

1,085
MSHS Facebook Likes

\$2,000
Average scholarship

1
Doctorate programs

Alumni
14,389

Audiology Externship Program — 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, they participated in research projects that were presented at national audiology conferences.

Jamie Bogle, AuD, PhD, joined the Section of Audiology as a consultant with oversight on the vestibular aspects of concussion.

With Distinction

Laurie Davis, AuD, was promoted to assistant professor of audiology.

Michael Cevette, PhD, director, Audiology Program, was lead author on a paper that received the Arnold D. Tuttle award for original research toward the solution of a challenging problem in aerospace medicine.

Sarah Oakley, AuD, associate program director, was the lead author for two chapters on cochlear implants in *Adult Audiology Casebook*, to be published in 2014.

Class Notes and Employment

Keiko Gibson Clinical audiologist
ENT Specialists Inc.
Pismo Beach, Calif.

Sarah Shepherd Clinical audiologist
Vanderbilt University
Nashville, Tenn.



Sarah Shepherd, Keiko Gibson, externs

Audiology Externship — Rochester

Program Update

The Audiology Externship marked its eighth year in Rochester. Student **Ashley Evers** completed clinical rotations in newborn hearing screening, pediatric and adult diagnostic audiology, vestibular/balance assessment, cochlear implant evaluation and programming, and hearing aid selection and fittings. She also participated in ongoing research projects.

Evers received her clinical Doctor in Audiology (AuD) from the University of Nebraska-Lincoln on May 3, 2013. Her capstone project was titled “Sensitivity and Specificity of Postural Evoked Responses.” She completed her externship at Mayo Clinic in Rochester on May 31, 2013.

Class Notes and Employment

Ashley Evers

Mary Bridge Children’s Hospital
Tacoma, Wash.



Kathryn Kerst, MA, program director, Audiology; Neil Shepard, PhD, medical director; Ashley Evers, student

Cardiovascular Invasive Specialist

Class Notes and Employment

| | |
|--------------------------|--|
| Jacob Herges | Mayo Clinic Rochester, Minn. |
| Mathew Klaren | University of Wisconsin- Hospital and Clinic Madison |
| Joshua Mathews | St. Anthony's Hospital Lakewood, Colo. |
| Bobbylee McDonald | University of Wisconsin- Hospital and Clinic Madison |
| Thomas Michnowski | Mayo Clinic Rochester, Minn. |



*Front row: Jacob Herges, Bobbylee McDonald
Back row: Mathew Klaren, Thomas Michnowski, Joshua Mathews*

Clinical Neurophysiology Technology

Program Update

The Clinical Neurophysiology Technology Program Class of 2013 graduated Aug. 7. The graduates received a certificate of completion from Mayo School of Health Sciences and an Associate in Applied Science degree from Rochester Community and Technical College.

With Distinction

Thomas Finstuen, RPSGT, education specialist, Center for Sleep Medicine, was awarded the Excellence in Teaching award.

Charlene (Charlie) Harstad, R EEG T, technologist, EEG Laboratory, Division of Clinical Neurophysiology, was honored with the Outstanding Technical Mentor award.

Class Notes and Employment

Timothy Prince Technologist
Cardiovascular Diseases
Mayo Clinic, Rochester, Minn.

Laura Schmidt Technologist
Epilepsy Monitoring Unit
Clinical Neurophysiology Division
Mayo Clinic, Rochester, Minn.

Jenna Shoup Technologist, Sleep Center
Mercy Hospital, St. Louis, Mo.

Hugh Stier Technologist
Cardiovascular Diseases
Mayo Clinic, Rochester, Minn.



*Front row: Jan Buss, R NCS T R EP T, program director; James Watson, MD, medical director
Back row: Hugh Stier, Laura Schmidt, Jenna Shoup, Timothy Prince, students*

Clinical Pastoral Education

Program Update

Summer interns and residents graduated from the Clinical Pastoral Education (CPE) Program on Aug. 8, 2013.

Internship: The summer program included seminarians who had completed one or two years of seminary. During the 11-week program, they visit hospitalized patients, join the overnight on-call rotation and conduct worship services in the Saint Marys Chapel.

Residency: This intensive 12-month program is designed for clergy, religious workers and seminary graduates. Residents typically work at Saint Marys and Rochester Methodist hospitals to develop their pastoral interviewing and pastoral assessment skills. They rotate to a new clinical setting every quarter. The residency allows graduates to become board-certified chaplains in the Association of Professional Chaplains.



Clinical Pastoral Education Interns
Front row: Daniel Flucke, student; Nancy Wigdahl, program supervisor; David Marcham, student
Back row: Stacy Gahlman-Schroeder, Nathaniel Kuhn, Melanie Greengo, Timothy Yoder, students

Class Notes and Employment

Summer Internship Class

| | |
|--------------------------------|---------------------------------------|
| Daniel Flucke | Returned to seminary |
| Stacy Gahlman-Schroeder | Returned to seminary |
| Melanie Greengo | Returned to seminary and local parish |
| Nathaniel Kuhn | Returned to seminary |
| David Marcham | Seeking position |
| Timothy Yoder | Entered Mayo CPE Residency |

Residency Class

| | |
|------------------------|---|
| Karna Anderson | Returned to seminary |
| Gwen Buckingham | Chaplain of pastoral care, Assisi Heights, Rochester, Minn. |
| Karl Jones | Continued ordination process and seeking position |
| John Schultes | Returned to seminary |



Clinical Pastoral Education Residents
Front row: Roger Ring, program supervisor; Karl Jones, student; Nancy Wigdahl, program supervisor
Back row: Karna Anderson, John Schultes, Gwen Buckingham, students

Clinical Research Coordinator

Program Update

The Clinical Research Coordinator Program is one of only a handful of similar programs in the country that combine clinical research, basic postsecondary education and hands-on research coordination experience.

Eight students received a certificate of completion from MSHS and an Associate of Applied Science degree or a diploma from Rochester Community and Technical College. All graduates completed an eight-credit internship that included 480 hours of fieldwork under the mentorship of an experienced clinical research coordinator.

Students conducted fieldwork in many areas of Mayo Clinic, including Mayo Clinic Cancer Center, Knowledge and Evaluation Research, Nephrology and Hypertension Clinical Research, Pulmonary Clinical Research, Surgical Clinical Research, Transplant Research and the Program for Hypoplastic Left Heart Syndrome. Graduates also completed fieldwork at the University of Minnesota and Olmsted Medical Center.

The program welcomed three new faculty members: **Kelly Paulson**, MBA, operations manager, Cancer Center Clinical Research office; **Ivana Croghan**, PhD, director, Nicotine Research Program; and **Tammy Neseth**, BS, CCRP, manager, IRB Regulatory Compliance Office.

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

| | |
|---------------------------|---|
| Diana Albers | Gastroenterology Clinical Research |
| Rochelle Erickson | Transplant Center Research |
| Matthew Hoplin | Program for Hypoplastic Left Heart Syndrome |
| Marc Olive | Cardiovascular Laboratory Medicine |
| Angela Sivly | Knowledge and Evaluation Research |
| Jennifer Soderlind | Mayo Clinic Cancer Center |

Other

| | |
|-----------------------------|---|
| Beth Larson-DeBruzzi | St. Jude Medical St. Paul, Minn. |
| Dawn Littlefield | Olmsted Medical Center Research Department Rochester, Minn. |



*Front row: Diana Albers, Jennifer Soderlind, students; Lori Carlson, CCRP, program director; Marc Olive, student
Back row: Dawn Littlefield, Angela Sivly, Beth Larson-DeBruzzi, Matt Hoplin, Rochelle Erickson, students*

Cytotechnology

Program Update

Six students were awarded certificates from the Cytotechnology Program on June 14, 2013. They completed a one-year internship at Mayo Clinic as part of a four-year degree program or as postbaccalaureate work in cytotechnology.

All six students passed the American Society for Clinical Pathology Board of Certification exam on the first attempt.

During the 2012–2013 school year, there were several changes in the Cytotechnology Program. The classrooms relocated to new space in the Siebens Building. **Jessica Lesko**, MA, SCT(ASCP), education coordinator, transitioned to assistant supervisor in the Cytopathology Laboratory. **Ashley McDonald**, CT(ASCP), joined the faculty.

With Distinction

The Class of 2013 presented Clinical Instructor awards to **Ashley Johnson**, **Jared Weyant**, CT(ASCP), and **Mick Callanan**, SCT(ASCP), for their dedication and contribution to student learning and success.



Class Notes and Employment

| | |
|------------------------|---|
| Reda Alqassab | King Faisal Specialist Hospital Riyadh, Saudi Arabia |
| Siobhan Bodary | LabCorp Phoenix, Ariz. |
| Ramla Dahir | Mankato, Minn. |
| Clarissa Goettl | Montgomery, Minn. |
| Kerry Kittleson | Kasson, Minn. |
| Jackie Yang | Penn State Hershey Medical Center Hershey, Pa. |

Front row: Michael Henry, MD, medical director; Kara Hansing, education coordinator; Jackie Yang, Clarissa Goettl, students; Ashley McDonald, Jessica Lesko, program faculty
Back row: Kerry Kittleson, Siobhan Bodary, Reda Alqassab, Ramla Dahir, students

Dietetic Internship — Florida

Class Notes and Employment

Class 54:

Ashley Evans Alpharetta, Ga.

Jessica Justice Springfield, S.C.

Abigail Torchiana Havertown, Pa.

Class 55:

Emily Doyle Jacksonville, Fla.

Kayla Fisher Springfield, Mo.

Maran Scott Vancouver, Wash.



Jessica Justice, Ashley Evans, Abigail Torchiana



Maran Scott, Kayla Fisher, Emily Doyle

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, it 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 (ACEND).

Class Notes and Employment

| | |
|-------------------------|---|
| Kelsey Albright | Racine, Wis. |
| Lindsay Andrews | Shawnee, Kan. |
| Elizabeth Gorney | Jackson, Mich. |
| Elise Hedlund | Robbinsdale, Minn. |
| Nicole Nelson | Trinity Regional Medical Center Fort Dodge, Iowa |
| Jenna Olson | Crystal Lake, Ill. |
| Kelsey Vierow | Woodbury, Minn. |
| Holly Wolfe | Bremerton, Wash. |



Kelsey Vierow, Elise Hedlund, Elizabeth Gorney, Nicole Nelson, Kelsey Albright, Jenna Olson, Holly Wolfe, Lindsay Andrews, students

Echocardiography

Program Update

Nine students received their certificate in Adult Echocardiography at the graduation ceremony on May 16, 2013.

With Distinction

Clinical Instructor Awards were presented to **Amy Dichak**, RDCS, Rochester campus; and **Timothy Fuller**, RDCS, Scottsdale campus.

Physician Recognition Awards were presented to **Fletcher Miller Jr.**, MD, Rochester campus; and **John Lynch**, MD, Scottsdale campus.

Students presented two posters at the Annual Minnesota Society of Diagnostic Ultrasound Spring Conference in Minneapolis. **Sarah Christina**, **Nicole Loge** and **Tasha Lubansky** earned first place with their poster presentation.

Class Notes and Employment

| | |
|-------------------------|---|
| Lacey Chavira | Mercy Gilbert Hospital Gilbert, Ariz. |
| Sarah Christina | Burnsville, Minn. |
| Sarah Dunn | Rochester, Minn. |
| Nicole Loge | Byron, Minn. |
| Tasha Lubansky | Prior Lake, Minn. |
| Megan Nash | Rochester, Minn. |
| Michael Radavich | Mayo Clinic, Scottsdale, Ariz. |
| Mace Ross | Scottsdale Healthcare Osborn Medical Center Scottsdale, Ariz. |
| Melissa Willers | Hutchinson, Minn. |



Front row: Rochelle Tyler, RDCS, academic/clinical coordinator, Scottsdale; Sally Miller, RT(R), RDCS, clinical coordinator, Rochester; Melissa Willers, Sarah Christina, Megan Nash, Mace Ross, students; David Pacheco, RDCS, clinical lead, Scottsdale; Carrie Vanden Bussche, RDCS, academic coordinator, Rochester
Second row: Nicole Loge, Tasha Lubansky, Michael Radavich, students
Back row: Sarah Dunn, Lacey Chavira, students; Joshua Finstuen, MA, RT(R), RDCS, program director; Daniel Borgeson, MD, medical director

Histology Technician

Program Update

Eight students were awarded certificates at the Histology Technician Program graduation ceremony held on May 17, 2013. All graduates passed the American Society of Clinical Pathology (ASCP) Board of Certification exam on the first attempt. Their scores were well above the national average.

This year's students benefited from the new blended learning modules, first introduced in fall 2012. Student success with the new format was comparable with previous classes. In many instances, particularly within laboratory training, competency improved. Students reported that the online curriculum was accessible and convenient. They greatly appreciated the videos, supplemental content, quizzes and online interactions. Overall student and faculty satisfaction with the new modules was high.

The Histology Technician Program completed an expansion pilot with Winneshiek Medical Center in Decorah, Iowa. **Nikki Rissman**, technologist in Decorah, participated in the distance-learning pilot. She worked with the online blended learning curriculum and applied what she learned to her work in the lab. She passed the ASCP Board of Certification Histology Technician exam.

With Distinction

Two clinical instructors were recognized during commencement for their outstanding contributions to the learning experience and dedication to student success:

Clinical Instructor Award: **Blake Cappell**, HT(ASCP)CM

Enrichment Clinical Instructor Award: **Brooke Mc Cann**

Class Notes and Employment

Histology Lab, Mayo Clinic, Rochester, Minn.

Kimberly Balding
Jenny Browder
Tsigereda Fecadu
Katie Krause
Alyssa Minter
Lisa Saia
Ratha Sam-Khuth

Other

Khue Sakhitab Seeking employment



Front row: Tien Tran, faculty; Tsigereda Fecadu, Khue Sakhitab, Kimberly Balding, students; Amy Seegmiller Renner, faculty
Back row: Michelle Nelsen, program director; Jenny Browder, Katie Krause, students; Loren Herrera Hernandez, MD, medical director; Ratha Sam-Khuth, Alyssa Minter, Lisa Saia, students

Medical Laboratory Science

Class Notes and Employment

Laboratories at Mayo Clinic in Rochester

| | |
|--------------------------|----------------------|
| Beth Anderson | Bacteriology |
| Benjamin Bailey | Virology |
| Ryan Debner | Bacteriology |
| Andrea Gust | Cytogenetics |
| Connie Loken | Cytogenetics |
| Sarah Manzey | Toxicological Metals |
| Benjamin Moen | Molecular Hematology |
| Amanda Ollendieck | Cytogenetics |
| Cassandra Reed | Bacteriology |
| Julie Sobolewski | Transfusion Medicine |
| Kyle Winkelman | Molecular Hematology |

Other

| | |
|-----------------------|--|
| Brittany Bauer | Chemistry Laboratory Jefferson University Hospital Philadelphia, Pa. |
| Michael Bauer | Micro Laboratory Northwestern Memorial Chicago, Ill. |
| Rachel Coyle | Hematology Laboratory Northwestern Memorial Chicago, Ill. |

Amy Eickmeyer

Allen Fletcher Hospital
Burlington, Vt.

Alicia Joyal

Microbiology Laboratory
Aurora Healthcare, West Allis
Memorial
West Allis, Wis.

Erica Langen

Hematology Laboratory
New York Presbyterian
New York, N.Y.

Michelle Rath

Mayo Clinic Health System -
Wabasha

Andrew Spivak

Pursuing employment
Woodwinds Hospital
Woodbury, Minn.

Tara Straub

Ministry Health Care
St. Mary's Hospital
Rhineland, Wis.

Amanda Van Brocklin

Aurora Healthcare
West Allis Memorial
West Allis, Wis.

Christine Vick

Berlin Memorial Hospital
Berlin, Wis.

Kurstin Wiewel

UW Health, University of
Wisconsin Hospital
Madison

Thomas Zydowsky



Front row: Amy Eickmeyer, Michelle Rath, Andrea Gust, Amanda Ollendieck, Beth Anderson, Kurstin Wiewel, Julie Sobolewski, Amanda Van Brocklin, Alicia Joyal, students

Second row: Brittany Bauer, Connie Loken, Cassandra Reed, Christine Vick, Andrew Spivak, Erica Langen, Rachel Coyle, Sarah Manzey, Tara Straub, students

Back row: Kyle Winkelman, Benjamin Bailey, Michael Bauer, Thomas Zydowsky, Benjamin Moen, Ryan Debner, students

Molecular Genetics Technology Internship

Northern Michigan University Diagnostic Genetics Baccalaureate Program

Program Update

This internship is offered in conjunction with the Northern Michigan University Diagnostic Genetics baccalaureate program. This year marked the 16th time students from Northern Michigan have participated in the MSHS internship. During their time at MSHS, the students observe and learn molecular techniques in Bacteriology, Hepatitis/HIV Molecular, Mycology/Mycobacteriology and Virology.

Megan Forrest and **Krissa Guenther** each completed a nine-week development project. Forrest worked with the C9ORF72 gene. She developed a screening assay for expanded alleles by genotyping polymerase chain reaction (PCR) and a Southern blot confirmatory assay. Guenther worked with the SPINK1 gene. She developed a universal primer sequencing assay for the SPINK1 gene which will be included on the Hereditary Pancreatitis Panel assay.

The 2013 intern, **Kathleen Kenley**, designed and developed the Fragile X AGG Interruption Assay. She used Southern blot, fragment analysis and sequencing techniques with this project.

Class Notes and Employment

Megan Forrest Clinical laboratory technologist
Molecular HIV/Hepatitis
Laboratory
Mayo Clinic, Rochester, Minn.

Krissa Guenther Seeking employment

Kathleen Kenley Clinical laboratory technologist
Molecular Genetics Laboratory
Mayo Clinic, Rochester, Minn.



January–June 2012*
Megan Forrest



January–June 2012*
Krissa Guenther



January–June 2013
Kathleen Kenley

Molecular Genetics Technology Internship

Texas Tech University Master of Science, Molecular Pathology

Program Update

MSHS has offered this internship to students from Texas Tech University, Lubbock, for the past 10 years. Students complete an eight-week program in the Molecular Genetics Laboratory on Mayo Clinic's Rochester campus as part of their Master of Science degree from Texas Tech.

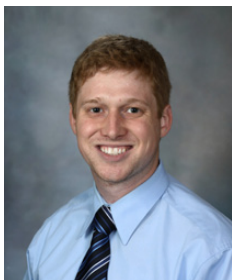
With Distinction

Amy Groszbach, M ED, MLT, MB(ASCP)CM, program director, Molecular Genetics Technology Internship, Mayo Clinic, and **Ericka Hendrix**, MS, MB(ASCP) CM, assistant program director, Molecular Pathology, Texas Tech University, published a poster titled "Online video conferencing enhances clinical education and reduces program costs." The poster was presented at the Association of Schools of Allied Health Professions conference in Scottsdale, Ariz.

In addition, Groszbach received the Department of Laboratory Medicine and Pathology Innovation and Leadership Award in Education – Allied Health 2013.

Class Notes and Employment

| | |
|---------------------------|--|
| Kellen Ketchersid | Clinical laboratory technologist Molecular Genetics Laboratory Mayo Clinic, Rochester, Minn. |
| Melanie Littlejohn | Pathologists' Assistant Program Purdue University West Lafayette, Ind. |
| Stephen Morales | Seeking employment |
| Jorge Moreno | Medical student St. George's University School of Medicine Grenada, West Indies |
| Shane Peper | Adjunct professor Texas Tech University |
| Gina Sanchez | Infectious disease molecular technologist Memorial Hermann Hospital Houston, Texas |



March–May 2013
Kellen Ketchersid



March–May 2012*
Melanie Littlejohn



March–May 2013
Stephen Morales



March–May 2012*
Jorge Moreno



March–May 2013
Shane Peper



March–May 2013
Gina Sanchez

*These internships were overlooked in the 2012 graduation issue. Connections regrets the error.

Nuclear Medicine

Program Update

The 37th class of the Nuclear Medicine Technology Program graduated on Aug. 23. All eight students passed the Nuclear Medicine Technology Certification board exam on the first attempt — continuing the program’s tradition of 100 percent pass rate on the first attempt. The class of 2013 had an average grade point average of 3.93.

With Distinction

Seven MSHS Nuclear Medicine Technology students submitted research abstracts to the Society of Nuclear Medicine for presentation at the 2013 Annual Society of Nuclear Medicine Meeting. All abstracts were accepted. The students presented their research on June 10, 2013, at the Vancouver Convention Centre in Vancouver, British Columbia. Five students were granted travel awards to present at this professional meeting.

Margaret Michenfelder received a recognition award in the Radiopharmacy oral presentation student technologist category. **Rebecca Stinnett** received a categorical recognition award in the Positron Emission Tomography oral presentation student technologist section.

Class Notes

| | |
|------------------------------|-------------------------|
| Mikaela Barrett | Mary Jo Schwalbe |
| Lucas Bartlett | Elizabeth Stassi |
| Leah Kaufman | Rebecca Stinnett |
| Margaret Michenfelder | Leif Sundberg |



Front row: Mikaela Barrett, Rebecca Stinnett, Elizabeth Stassi, Leah Kaufman, students

Back row: Mary Jo Schwalbe, Lucas Bartlett, Leif Sundberg, Margaret Michenfelder, students

Nurse Anesthesia

Program Update

The Class of 2013 of the Master of Nurse Anesthesia Program was made up of 26 dedicated, bright and motivated students. Several of the graduates' research project manuscripts have been accepted or have been published in peer-reviewed journals. All students participated in poster presentations at one or more of these events: Fall meeting of the Minnesota Association of Nurse Anesthetists, the 38th Annual Mayo Clinic Seminar for Nurse Anesthetists and the 2012 Annual American Association of Nurse Anesthetists National Meeting.

Alumni support: Thank you to alumni who have supported the Mayo Nurse Anesthetists' Alumni Association. Alumni Awards were presented at graduation. The Alumni Poster Award, given during the Annual Mayo Seminar for Nurse Anesthetists, helps to spur students to higher professional and research goals

This year, funds donated by the Nurse Anesthesia alumni were used to purchase a Genesis Mannequin. This tool provides students experience with insertion of spinal and/or epidural needles and catheters, allowing them to be better prepared for off-campus rotations. Alumni are welcome to use this new education tool and some have already used mannequins to brush up on their skills for medical mission trips.

Off-campus rotations: Mayo's off-campus rotation sites provide students with an understanding of anesthesia practice outside a large academic center and an opportunity to obtain regional anesthesia experience. Participating for the first time this year was Mayo Clinic Health System - Red Cedar in Menomonie Hospital. Thank you to alumni **Gram Cotton**, CRNA, DNP, for facilitating this new rotation.

The Nurse Anesthesia Program welcomes additional opportunities for rotations. Please contact **Mary Shirk Marienau**, program director (marienau.mary@mayo.edu, 507-284-8331), to discuss opportunities for students to practice general or regional anesthesia.

Doctorate of Nurse Anesthesia Practice (DNAP) Program: This advanced program is projected to start in July 2014.

On April 24–25, 2013, two Council on Accreditation (COA) site visitors toured Mayo Clinic and reviewed program resources, facilities, documents and curriculum. They observed students and instructors in the operating rooms and in the classroom and interacted with our Anesthesia Department and MSHS leadership. At the end of their visit, they found no citations.

The COA applications for approval of the DNAP entry-into-practice and DNAP CRNA postgraduate degrees and our Distance Education Program were submitted in August. This fall, the program expects to receive re-accreditation for the master classes of 2014 – 2017 and approval to start the DNAP Entry-Into-Practice and CRNA Degree Completion programs in 2014. The CRNA Degree Program will have limited enrollment until 2017.

With Distinction

Faculty Awards

- Nurse Anesthetist Educator Award — Saint Marys Hospital Anesthesiology: **Amy Gnagey**, CRNA, MNA
- Nurse Anesthetist Educator Award — Rochester Methodist Hospital Anesthesiology: **Dana Hertzfeldt**, CRNA, MNA
- Special Recognition Award: **Tammy Neis, Julie Predmore, Michelle Rahman**, administrative assistants, Master of Nurse Anesthesia Program
- Physician Educator Award: **Jonathan Fox**, MD, instructor in anesthesiology, Mayo Clinic College of Medicine

Student Awards

- Robert R. Johnson Achievement Award: **Tami Mullenbach**
- Gilles, Nelson, Torrance Alumni Award: **Tami Mullenbach**
- Rebecca S. Finley Alumni Award: **Elizabeth Lee**
- Virginia B. Hartridge Achievement Award: **Stacie Gwaltney**
- Robert A. Devloo Book Award: **Rita Gasser**

– Continued on next page

Nurse Anesthesia — continued

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

| | |
|-----------------|-----------------|
| Brooke Bailey | Ann Malone |
| Claire Dutton | Joan McCaffrey |
| Rita Gasser | Tami Mullenbach |
| Terry Gran | Tricia Renk |
| Stacie Gwaltney | Starla Richter |
| Andrea Hampton | Timothy Rozman |
| Sean Hurley | Laurie Trudell |
| Elizabeth Lee | Amanda Tucker |
| Sean Loughran | Tyler Wetsch |

Other

| | |
|--------------------|---|
| Dana Citrowske Lee | Working locum |
| Mandy Hilgeman | Legacy Good Samaritan Medical Center Portland, Ore. |

| | |
|-------------------|--|
| Melinda Kohn | Blakewoods Medical Center Jackson, Mich. |
| Sounally Lehnhoff | Northwest Anesthesia, PA Abbott Northwestern Hospital Minneapolis, Minn. |
| Kathryn McLaren | Children's Hospital and Clinics of Minnesota Minneapolis, Minn. |
| Jana McNeil | United States Army Reserve and Mayo Clinic Rochester, Minn. |
| Carrie Michels | Northwest Anesthesia, PA Minneapolis, Minn. |
| Kayla Runkle | Sanford Health Fargo, N.D. |



Front row: Sounally Lehnhoff, Starla Richter, Dana Citrowske Lee, Kayla Runkle, Brooke Bailey, Elizabeth Lee, students

Second row: Mandy Hilgeman, Kathryn McLaren, Carrie Michels, Jana McNeil, Joan McCaffrey, Stacie Gwaltney, Tricia Renk, students

Third row: Laurie Trudell, Andrea Aguilar, Tami Mullenbach, Rita Gasser, Melinda Kohn, Claire Dutton, Amanda Tucker, students

Back row: Terry Gran, Tyler Wetsch, Sean Loughran, Sean Hurley, Timothy Rozman, Ann Malone, students

Nurse Practitioner

Program Update

The program graduated 22 students – one of the largest graduating classes ever.

The Nurse Practitioner Clinical Residency awarded certificates to the first five Acute Care nurse practitioners in a collaborative program with Winona State University. **Amy Covert, Katie Finley, Lisa Lemke, Robert Goodew and Thia Walkowiak** were trained in the inpatient setting, which also included rotations at the Mayo Clinic Health System Eau Claire and Menomonie sites.

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

| | |
|----------------------------|---|
| Rachel Beldo | Family Medicine |
| Amy Covert | Trauma, Critical Care and General Surgery |
| LaRae Ferrie | Neonatology |
| Katie Finley | Medical Intensive Care Unit |
| Kalie Freeborn | Express Care |
| Melissa Goldschmidt | Integrated Behavioral Health |

Josie Hayes
Kristyn Maixner
Cassandra Narr

Jessica Ramlow
Hannah Roberts
Kaleesha Schauer
Laura Schram

Mayo Clinic Health System

Kristina Carlson
Karen Popp

Other

Kenneth Brooks
Tammy Friedrich
Robert Goodew
Courtney Lane

Lisa Lemke
Katherine Trelstad Andrist
Thia Walkowiak

Pain Clinic
 GI-Barrett's Esophagus Clinic
 Pediatrics/Adolescent Community Medicine
 Family Medicine
 Post Acute Care
 Thoracic Surgery
 Neonatology

Springfield, Minn.
 Orthopedics, Owatonna, Minn.

Seeking employment
 Seeking employment
 Seeking employment
 Palliative care
 Grand Rapids, Mich.
 Seeking employment
 Seeking employment
 Seeking employment



Front row: Cassandra Narr, Jessica Ramlow, Rachel Beldo, Melissa Goldschmidt, Connie McCullick, Amy Covert, Kaleesha Schauer, Kristyn Maixner, students
Second row: Barb Timm, RN, CNP, assistant program director; Hannah Roberts, Katherine Trelstad Andrist, Laura Schram, Josie Hayes, LaRae Ferrie, Thia Walkowiak, students; Sally Heusinkvelt, RN, CNP, associate program director
Back row: Claudia Swanton, RN, CNP, program director; Karen Popp, Kenneth Brooks, Kalie Freeborn, Robert Goodew, Katie Finley, Kristina Carlson, students
Not pictured: Tammy Friedrich, Courtney Lane, Lisa Lemke, students

Cardiology Nurse Practitioner Fellowship

Program Update

For the first time, the Cardiology Nurse Practitioner Fellowship (CNPF) welcomed two fellows. In its fourth year, the program continues to evolve. New learning activities were developed. One example was interprofessional learning laboratories that included cardiology medical fellows, electrophysiology nurses as well as MSHS students from the Echocardiography, Cardiopulmonary Perfusionist and Nurse Practitioner programs.

The Cardiology nurse practitioners conducted a pilot with Echocardiography students on cardiac ultrasound.

The program added clinical rotations in cardiothoracic surgery and critical care.

With Distinction

Norria Brice, MS ACNP-BC, 2012 graduate, presented at the Northern Arizona Nurse Practitioner Conference in Flagstaff, Ariz., on "Perioperative Cardiac Risk Assessment."

Marci Farquhar-Snow, MN CCRN CMC ACNP-BC, program director, presented "RN Certification: Which Ones? Should a New Certification be Developed for Cath Lab?" at the American College of Cardiology 2013 conference. She also presented at the Sigma Theta Tau International Research Conference in Prague, Czech Republic, on "Mentoring Strategies for Novice NPs Using Nurse Practitioner Fellowships." Her presentation for the Association of School of Allied Health Professionals National conference in Orlando, Fla., on "Strategic Workflow Redesign for Nurse Practitioner Student Clinical Rotations" was presented by **Nancy Gray**, MSHS operations manager for Mayo Clinic in Arizona.

Jennifer Garrow, MSANP-BC, 2011 graduate, was presented the Allied Health Educator of the Year award by the Mayo Clinic in Arizona Fellows Association. Garrow now works at San Diego Cardiovascular Associates at the Scripps Encinitas campus in San Diego.

Ronald Ordas, MS ANP-BC, placed second at the Mayo Clinic in Arizona Academic Excellence Day Oral Presentations with his presentation: "The Carcinoid Syndrome and Right Heart Failure."

Anne-Marie Wenzel, MS ANP-BC, a key preceptor for the Advanced Heart Failure rotation, obtained faculty rank as instructor in Mayo Clinic College of Medicine.

Class Notes and Employment

Alexandrea (Alex) Bartow

Cardiothoracic Intensive Care Unit
University of Washington Medical Center
Seattle, Wash.

Bartow is a reviewer for *The Journal of Nurse Practitioners*.

Ronald Ordas

Pursuing opportunities in advanced heart failure and ventricular assist devices

Bartow and Ordas will continue to serve on the Mayo Clinic Cardiology Nurse Practitioner Advisory Committee.



Ronald Ordas, Alex Bartow, students

Pharmacy Residency — Florida

Postgraduate Year One (PGY-1) Pharmacy Program

Postgraduate Year Two (PGY-2) Critical Care Pharmacy Program

Program Update

The PGY-1 Pharmacy Program welcomed new faculty in the areas of cardiology and liver transplant. Program changes this year included a focus on career development and interactive learning through activities coordinated through the Simulation Center.

Residents presented original research at the Second Annual Florida Residency Conference, in Gainesville. This is an opportunity for residents enrolled in American Society of Health-System Pharmacists (ASHP)-accredited pharmacy residency programs to present research-in-progress for continuing education credit. This year's class was also involved in providing four hours of continuing education credits to Mayo Clinic pharmacy staff.

Program changes for the PGY-2 Critical Care Pharmacy Residency program included the addition of a new learning experience in Infectious Diseases and the modification of the Nutrition rotation to an extended learning experience.

With Distinction

Julie Lewandowski-Belfer was involved in original research on "Safety and Efficacy of Repeated

Dosing Hypertonic Saline for Refractory Intracranial Hypertension." She won the Residency Award for research excellence for her project.

Jerah Nordeen, PharmD, was named Preceptor of the Year for the Department of Pharmacy's residency programs. Nordeen is also a graduate of the PGY-2 Critical Care Pharmacy program in Florida.

Class Notes and Employment

Rochelle Forsyth, PharmD Clinical pharmacist
St. Vincent's Medical Center
Jacksonville, Fla.

Julie Lewandowski-Belfer, PharmD Neuro-critical care pharmacist
Spectrum Health
Grand Rapids, Mich.

Harrison Saull, PharmD Clinical pharmacist
Tampa General Hospital
Tampa, Fla.

Leigh Anna Soler, PharmD Clinical pharmacist
Saint Louis University Hospital
St. Louis, Mo.



Harrison Saull, Leigh Anna Soler, students; Deborah Crumb, program director; Rochelle Forsyth, student



Julie Lewandowski-Belfer, resident; Jerah Nordeen, preceptor

Pharmacy Residency — Rochester

Program Update

Eleven residents presented at least one poster at a professional meeting and completed a yearlong research project and manuscript worthy of publication in a scientific journal. Many graduates presented at state or national professional meetings and served in key leadership roles within and outside of the institution. In addition to obtaining a teaching certificate, the graduates completed medication use evaluations, presented continuing education sessions for the interdisciplinary staff, served on various committees, and further developed their skills as clinical pharmacists.

With Distinction

Ryan Fevold, PharmD, BCPS, was recognized as Preceptor of the Year for 2012–2013.

Sarah Nelson, PharmD, BCPS, was honored as New Preceptor of the Year for 2012–2013.

Brenda Amaris was presented with the Outstanding Service Award.

David Leedah and **Daniel Wojenski** earned Board Certification in Pharmacotherapy Specialties (BCPS) during their PGY-2 residency. In addition, Leedah published two peer-reviewed manuscripts and authored two additional manuscripts currently under review.

Jordan Haag was recognized as a finalist for the 2013 Outstanding Resident Research Award for the Minnesota Society of Health-System Pharmacists.

Daniel Wojenski won the 2013 Outstanding Resident Research Award for the Minnesota Society of Health-System Pharmacists.

Class Notes and Employment

PGY-1 Pharmacy Practice Residency

Ryan Baker PharmD PGY2 Ambulatory Care Residency
Cox Health, Springfield, Mo.

Bao Dao, PharmD PGY2 Oncology/Hematology
Residency, University of California-San
Francisco, San Francisco, Calif.

Kirstin Kooda PharmD PGY-2 Critical Care Residency
Mayo Clinic, Rochester, Minn.

Scott Nei, PharmD PGY-2 Critical Care Residency
Barnes-Jewish Hospital, St. Louis, Mo.

PGY-1 Primary Care Residency

Lora McCullough PharmD Pharmacy manager, CVS Pharmacy,
Victoria, Texas

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

Michelle LoTurco PharmD Pediatric clinical pharmacist
Mayo Eugenio Litta Children's
Hospital, Rochester, Minn.

PGY-2 Critical Care Residency

David Leedah PharmD, BCPS Critical care clinical pharmacist
Sanford Medical Center, Fargo, N.D.

PGY-2 Infectious Diseases Residency

Brennan Ertmer PharmD Clinical pharmacist
North Memorial Medical Center,
Robbinsdale, Minn.

– Continued on next page

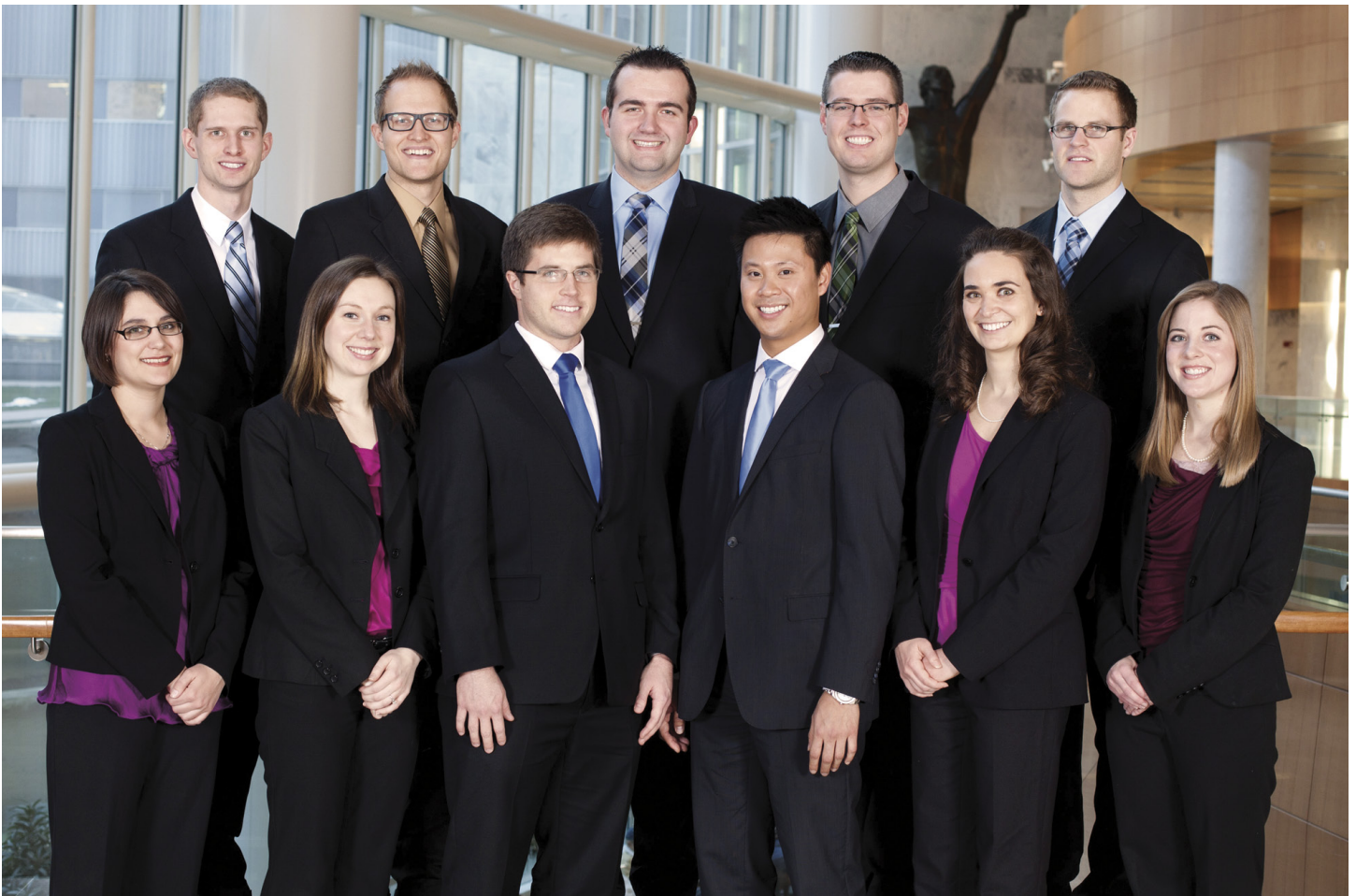
PGY-2 Oncology Residency

Megan Ostrem Oncology clinical pharmacist
PharmD VA Central Iowa Health System
Des Moines, Iowa

Daniel Wojenski Oncology clinical pharmacist
PharmD, BCPS Northwestern Memorial Hospital
Chicago, Ill.

PGY-2 Pharmacotherapy Residency

Jordan Haag Clinical pharmacist
PharmD Mayo Clinic, Rochester, Minn.



*Front row: Kirstin Kooda, Megan Ostrem, Ryan Baker, Bao Dao, Michelle LoTurco, Lora McCullough, students
Back row: Scott Nei, David Leedah, Daniel Wojenski, Jordan Haag, Brennan Ertmer, students*

Phlebotomy

August–October 2012

Program Update

All graduates from all classes were certified via the National Healthcareer Association (NHA)

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

| | |
|------------------------|---------------------|
| Nancy Chilson | Wendy Liu |
| Steven (Delsin) Carter | Rachel Shillingford |
| Ryan Halda | Natalya Upmann |
| Aaron Irish | Teresa Swenson |
| Kelly Kennedy | |

Other

| | |
|-------------------|--------------------|
| Rachael Dammen | Minneapolis, Minn. |
| Natalia Rodriguez | Eagle Pass, Texas |



Front row: Kelly Kennedy, Wendy Liu, Rachel Shillingford, Natalya Upmann, Nancy Chilson, Natalia Rodriguez, students
Back row: Teresa Swenson, Ryan Halda, Aaron Irish, Steven (Delsin) Carter, Rachael Dammen, students

November 2012–January 2013

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

| | |
|----------------------|----------------|
| Garrett Aakre | Mai Lee |
| Bettina Douangmichit | Tadesse Negash |
| Chelsey Hanson | Judy Vang |



Front row: Judy Vang, Mai Lee, Bettina Douangmichit, students
Back row: Chelsey Hanson, Garrett Aakre, Tadesse Negash, students

January–March 2013

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

Heather Kildahl
Jamie Mauskemo
Emily Reinhardt

Issak Rooble
Edma Woerter

Other

Erika Mehrkens
Nicole Plemel

Mayo Clinic Health System -
Wabasha
MSHS Surgical First Assistant
Program

April–June 2013

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

Noel Berthiaume
Maureen Davis

Josh Lonergan
Dawn Meyer

Other

Colleen Andrist
Scott Dowty
Kelly Keil

Rochester Community and
Technical College
Dental Hygienist Program
Rochester, Minn.
Paramedic
North Memorial Health Care
Waseca, Minn.
Onalaska, Wis.



Edma Woerter, Nicole Plemel, Erika Mehrkens, Issak Rooble, Emily Reinhardt, Jamie Mauskemo, Heather Kildahl, students



Front row: Josh Lonergan, Dawn Meyer, Colleen Andrist, Scott Dowty, students
Back row: Kelly Keil, Maureen Davis, Noel Berthiaume, students

Phlebotomy Program — continued

June–August 2013

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

Abdifatah Abdi
Michelle Helgeson
Katelyn Horihan
Jessica Jensen
Erin Jordan

Mohamed Muhumed
Tyler Nienaber
Nemanja Pezic
Anthony Reyes-Kneen

Other

Adam Abbott
Kimberly McKibben

Attending University of Wisconsin-Parkside
Olmsted Medical Center
Rochester, Minn.



Abdifatah Abdi



Michelle Helgeson



Katelyn Horihan



Jessica Jensen



Erin Jordan



Mohamed Muhumed



Tyler Nienaber



Nemanja Pezic



Anthony Reyes-Kneen



Adam Abbott



Kimberly McKibben

Physical Therapy

Program Update

The commencement ceremony for the Physical Therapy Class of 2013 was held on May 24. This marked the 76th graduating class and the seventh year in which graduates were awarded the doctoral degree. **Denise Kinlaw**, PT, CHT, assistant professor of Physical Therapy, gave the keynote address. **Hannah Subich** provided the student address.

Twenty-eight students earned the Doctor of Physical Therapy degree, bringing the total number of physical therapy graduates educated at Mayo Clinic to 2,470, dating back to the program's first graduating class in 1939.

With Distinction

Elisabeth Murphy received the Outstanding Clinician Award, selected by clinical education faculty to recognize exceptional clinical performance by a graduating student.

Kimberly Lambert received the Richard L. Beers Award, which honors the graduating student who wrote the most outstanding scholarly paper.

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

Matthew Neuger and **Hannah Subich** were co-recipients of the Erik J. Aasen Award, which honors the graduating student who best embodies the spirit of Erik Aasen. A member of the Physical Therapy Class of 1995, Aasen was a dedicated student, compassionate humanitarian and selfless colleague who died tragically in a Thanksgiving holiday traffic accident in 1994.

Alaina Bosze received the Minnesota Physical Therapy Association's Outstanding Student Award, which honors a graduating student who demonstrates strong academic performance, excellent clinical performance and professional leadership.

Several Physical Therapy Program faculty members earned recognitions and honors and/or were primary authors of peer-reviewed publications in the 2012–2013 academic year.

Nathan Hellyer, assistant professor of physical therapy, authored a publication in the *Journal of Strength & Conditioning Research*.

John Hollman, program director and associate professor of physical therapy, authored publications in *Clinical Biomechanics*, *Gait & Posture* and the *Journal of Sport Rehabilitation*. He was also appointed a section editor for *Archives of Physical Medicine & Rehabilitation*.

Desiree Lanzino, assistant professor of physical therapy, authored publications in *Age & Ageing* and the *Journal of Neurologic Physical Therapy*. She also received a Mayo School of Health Sciences 2013 Outstanding Educator Award.

Dave Krause, assistant professor of physical medicine and rehabilitation, authored publications in the *Journal of Orthopaedic & Sports Physical Therapy*, *Knee Surgery Sports Traumatology*, *Arthroscopy* and the *Journal of Strength & Conditioning Research*.

Aaron Rindfleisch, assistant professor of physical therapy, authored a publication in *Work*. He was also appointed as an associate in Physical Medicine and Rehabilitation. The associate appointment recognizes individuals at Mayo Clinic who are not members of the consulting or administrative staffs but contribute in important ways to the clinical practice, research and educational activities of a department.

Jim Youdas, associate professor of physical therapy, authored publications in *Anatomical Sciences Education* and *Physiotherapy Theory & Practice*.

Physical Therapy — continued

Class Notes and Employment

Kady Adams Bessemer, Mich.
John Bertucci Engadine, Mich.
Alaina Bosze Grand Rapids, Mich.
Koel Brooks Forreston, Ill.
Heather DeVinny Rochester, Minn.
Ian Folsom Des Moines, Iowa
Christy Galardi Chicago, Ill.
Aaron Hellem Lincoln, Neb.
Patti Hoeg Northville, Mich.
Holly Jackson Fayetteville, Ark.
Amanda Johnson Morganfield, Ky.
Alynn Kakuk Plymouth, Minn.
Kimberly Lambert Coal Valley, Ill.

I-Hsuan Lin Taichung, Taiwan
Jessica Mack Leola, S.D.
Elisabeth Murphy Coon Rapids, Minn.
Meghan Nelson River Falls, Wis.
Matthew Neuger Northfield, Minn.
Katie Ohm Rochester, Minn.
Kristen Porter Bozeman, Mont.
Kelly Reed Bloomington, Minn.
Shanna Schmitz Helena, Mont.
Monicka Souksavong Minneapolis, Minn.
Blake Stephens Seattle, Wash.
Hannah Subich Mansfield, Ohio
Jaclyn Ver Mulm Le Mars, Iowa
Brandon Voth Goodhue, Minn.
Crystal Whitmarsh Ishpeming, Mich.



Front row: Alynn Kakuk, Kelly Reed, Holly Jackson, Matt Neuger, Aaron Hellem, John Bertucci, Ian Folsom, students
Second row: I-Hsuan Lin, Shanna Schmitz, Heather DeVinny, Kady Adams, Jessica Mack, Blake Stephens, Christy Galardi, Meghan Nelson, students
Third row: Jaclyn Ver Mulm, Koel Brooks, Elisabeth Murphy, Patti Hoeg, Alaina Bosze, Hannah Subich, students
Back row: Kristen Porter, Kim Lambert, Katie Ohm, Brandon Voth, Crystal Whitmarsh, Monicka Souksavong, Amanda Johnson, students

Geriatrics Physical Therapy Residency

Program Update

This was the inaugural year for the Geriatrics Physical Therapy Residency Program at Mayo Clinic in Arizona.

In this 12-month program, the resident rotates through acute care, inpatient rehabilitation, outpatient settings and home health care. There were 23 didactic topics presented in the curriculum to cover academic material that aligns with the American Physical Therapy Association Description of Specialty Practice for Geriatrics. Physicians and allied health care providers shared perspectives on care and management of the older adults in physical therapy across multiple practice settings.

The first resident, **Lydia Coutts**, was a champion in paving the way for future residents. She contributed to the practice with her learning outcomes in the form of case studies, in-service presentations and written reviews as well as participation in case rounds, team conferences, clinical care, professional continuing education and conferences.

Class Notes and Employment

Lydia Coutts, PT, DPT Mayo Clinic Hospital
Phoenix, Ariz.



Lydia Coutts

Physician Assistant

Program Update

All 19 Physician Assistant students who graduated on May 11, 2013, passed the physician assistant national certifying exam.

Class Notes

| | |
|--------------------|-------------------|
| Nina Aranguren | Jesse Kuseske |
| Matthew Burns | Nicole Lepinski |
| Sarah Cook | Elizabeth Lohmann |
| Kelli Ferber | Joshua Miller |
| Amanda Fusilier | Anna Moeller |
| Andrew Godin | Sarah Newburg |
| Samantha Heiking | Sarah Nickel |
| Katelyn Hoylman | Michael Puglisi |
| Matthew Kesler | Julie Sedlacek |
| Stephanie Kitzmann | |



Front row: Julie Sedlacek, Kelli Ferber, Sarah Nickel, Sarah Cook, Stephanie Kitzmann, Nicole Lepinski, Amanda Fusilier, Elizabeth Lohmann, Katelyn Hoylman, students

Back row: Nina Aranguren, Samantha Heiking, Sarah Newburg, Matthew Kesler, Jesse Kuseske, Joshua Miller, Andrew Godin, Michael Puglisi, Anna Moeller, Matthew Burns, students; Robert Adams, program director, associate professor of orthopedics, Mayo Clinic College of Medicine

Physician Assistant Fellowship Hospital Internal Medicine

Program Update

Tracks in Hematology/Oncology and Critical Care Medicine were added to the Physician Assistant – Hospital Internal Medicine Program.

All three fellows, **Heidi Stine**, MMS, PA-C, graduate of the Duke University Physician Assistant Program, **Ryan Dutton**, PA-C, graduate of the University of Washington Physician Assistant Program, and **Hannelisa Callisen**, PA-C, graduate of the Rochester Institute of Technology Physician Assistant Program, were recognized at Mayo Clinic in Arizona Academic Achievement Day for poster presentations. They also presented posters at the American Academy of Physician Assistants (AAPA) and the American Thoracic Society conferences this year.

With Distinction

Program faculty were recognized with a poster presentation award for “Best Research 2013” from the Association of Postgraduate Physician Assistant Programs (APPAP) at the AAPA conference. Honorees were **Kristen Will**, MHPE, PA-C, **Jennifer Williams**, MMS, PA-C, **Zachary Hartsell**, MPAS, PA-C, and **Holly Geyer**, MD.

Class Notes and Employment

| | |
|---------------------------|--|
| Heidi Stine | Hospitalist Track Seeking employment |
| Ryan Dutton | Hematology/Oncology Track Kingman Regional Medical Center Kingman, Ariz. |
| Hannelisa Callisen | Critical Care Medicine Track Division of Critical Care Medicine Mayo Clinic in Arizona |



*Heidi Stine, Hannelisa Callisen, students;
Kristen Will, PA-C, program director;
Ryan Dutton, student*

Physician Assistant Fellowship Otolaryngology/Head and Neck Surgery

Program Update

This year marks the first time the program expanded from one to two fellows.

This is the only civilian fellowship offered in the United States for physician assistants who wish to specialize in otolaryngology. The program was accredited through the Accreditation Review Commission on the Education of the Physician Assistant in 2012.

Class Notes and Employment

John Dudley
MS, PA-C

Maine Medical Partners
Otolaryngology
Portland, Maine

Claire Jensen
MMS, PA-C

Otolaryngology Department
Mayo Clinic in Arizona



Claire Jensen, John Dudley

Radiation Therapy

Program Update

Graduates of the Radiation Therapy Class of 2013 received their Mayo School of Health Sciences certificates on Aug. 14. This is the 33rd Radiation Therapy Program graduating class.

With Distinction

Jenna Kuntz, **Haylee Ollendieck** and **Emy Rabe** were recognized for graduating with a perfect 4.0 GPA. **Haley Breyer** graduated with high distinction, achieving a GPA greater than 3.9. **Nikolina Lovrenovic** graduated with distinction, completing the program with a GPA of greater than 3.75.

Sara Walerak, radiation therapist and MSHS alumnus Radiation Therapy, 2008, and Radiography, 2006, received the Clinical Educator Award. **Ali Tasson**, physicist, received the Didactic Faculty Award.

Class Notes and Employment

| | |
|----------------------------|---|
| Haley Breyer | Trinity Health Minot, N.D. |
| Jenna Kuntz | Mayo Clinic Health System La Crosse, Wis. |
| Nikolina Lovrenovic | Fairview Range Medical Center Hibbing, Minn. |
| Haylee Ollendieck | Mercy Medical Center-North Iowa Mason City |
| Emy Rabe | Mayo Clinic Health System La Crosse, Wis. |



Jenna Kuntz, Haley Breyer, Emy Rabe, Haylee Ollendieck, Nikolina Lovrenovic, students

Radiography Internship — Arizona

Program Update

Lynn Morgan, the 2013 Radiography intern, received her associate degree at commencement exercises on May 10 at the North Phoenix Baptist Church.

This internship, in affiliation with the Medical Radiography Program at Gateway Community College, Phoenix, is in its 11th year at Mayo Clinic in Arizona. Morgan was also honored at an awards banquet on May 4, and at the graduation ceremony in Waugh Auditorium at the Mayo Clinic Education Center on June 5.

Class Notes

Lynn Morgan

Scottsdale, Ariz.



Lynn Morgan

Radiography — Florida

With Distinction

Program Director's Award winner — Staff at the Simulation Center Florida

Outstanding Clinical Educator Award —
Bethany Honstead, RT(R)

Award for Radiography Student Excellence —
Robert Wring

Ashley Nelms, Chad O'Steen and **Robert Wring** all maintained 4.0 grade averages. In addition, Nelms received the second-highest score in the nation on a recent developmental exam.

Class Notes and Employment

Mayo Clinic in Florida

Ashley Nelms

Chad O'Steen

Robert Wring

Other

Brandy Avera

Seeking employment



*Front row: Stan Olejniczak, program director; Hillary Garner, MD, medical adviser; Sharon Jacoby, clinical instructor
Back row: Robert Wring, Brandy Avera, Ashley Nelms, Chad O'Steen, students*

Radiography — Rochester

Program Update

The commencement ceremony for the Radiography Program Class of 2013 was Aug. 9. **Linda Chida**, RT(R) (M), assistant supervisor for the Department of Radiology, gave the commencement address. **Rita Oswald**, BS, RT(R) (CV), clinical instructor, moderated the evening.

The Radiography Program added affiliation agreements with Winona State University and St. Mary's University, both in Winona, Minn. These affiliations allow students to complete prerequisite coursework at their home university and then apply for admission to the Radiography Program.

The program is also affiliated with University of Minnesota Rochester, University of Sioux Falls, S.D., and St. Cloud State University, St. Cloud, Minn. Upon successful completion of the program, students will graduate with a certificate of completion from Mayo School of Health Sciences and a baccalaureate degree from their home university. The first all-bachelor's degree class will graduate in May 2014.



Front row: Melissa Aschenbrenner, Whitney Ischi, Kimberly Stanek, Ashleigh Betha, Heidi Westman, Rachel Earley, M. Haroon Karimi, students

Back row: Michael Bentele, Megan Swanstrom, Braden Archer, Alicia Schuette, Brittni Johnson, students

With Distinction

Congratulations to award winners, honored during commencement.

Outstanding Clinical Educators — **Matthew Naumann**, RT(R) and **Sarah Nasset**, RT(R)

Outstanding Academic Student — **Braden Archer**

Outstanding Clinical Student — **Heidi Westman**

Outstanding Student Achievement — **Michael Bentele**

Alicia Schuette received a Certificate of Appreciation for her work as the 2013 American Society of Radiologic Technologists student delegate.

Class Notes and Employment

| | |
|------------------------------|----------------------|
| Braden Archer | Pomeroy, Iowa |
| Melissa Aschenbrenner | Rice, Minn. |
| Michael Bentele | Truman, Minn. |
| Ashleigh Betha | Kasson, Minn. |
| Rachel Earley | Wykoff, Minn. |
| Whitney Ischi | Soldotna, Alaska |
| Brittni Johnson | Elgin, Minn. |
| M. Haroon Karimi | Brooklyn Park, Minn. |
| Alicia Schuette | Lake Crystal, Minn. |
| Kimberly Stanek | Ramsey, Minn. |
| Megan Swanstrom | Alexandria, Minn. |
| Heidi Westman | St. James, Minn. |

Respiratory Care

Program Update

On May 18, 2013, the Respiratory Care students graduated in the inaugural University of Minnesota Rochester commencement ceremony and were presented their Bachelor of Science in Health Professions degree.

With Distinction

A team composed of students **Thomas Koppelman, Sam Anthony, Stephanie Dickey, and Jayden Wilhelm** won the Minnesota State Knowledge competition and advanced to compete in Anaheim, Calif., in November 2013.

Bryan Wattier, RRT, M Ed, earned the William F. Miller, MD, Postgraduate Education Recognition Award.

Jeffrey Ward received the 2012 Lambda Beta National Honorary Member Award

Class Notes and Employment

Mayo Clinic, Rochester, Minn.

Samuel Anthony
Stephanie Dickey
Thomas Koppelman

Brianna Miller
David White

Other

Hassan Altamimi

Attending graduate school
Winona State University
Winona, Minn.

Suzanne Kent

Seeking employment

Brennon Olsen

University of Minnesota Medical
Center, Fairview

Hannah Plantenberg

St. Cloud Hospital
St. Cloud, Minn.



Front row: Samuel Anthony, Stephanie Dickey, Hannah Plantenberg, Suzanne Kent, students

Second row: Brennon Olsen, Thomas Koppelman, David White, Brianna Miller, students

Back row: David Plevak, MD, faculty; Jeffrey Ward, faculty; Bryan Wattier, clinical instructor; James Findlay, MB, ChB, medical director; Vanessa King, program director

Not pictured: Hassan Altamimi

Sonography

Program Update

The graduation ceremony for the Sonography Program, Class of 2013, was held on May 22 in Phillips Auditorium, with live video connection to Walker Auditorium in Jacksonville, Fla. Family, friends, mentors and colleagues shared in the celebration of success.

With Distinction

Congratulations to **Samantha Arthur** for receiving the Outstanding Student Achievement Award.

Sonographers and vascular technologists recognized for their roles in providing outstanding clinical education were: **Tracy Heaser, RVT, Britta Thomforde, RVT, RDMS, Tracey Coleman, RDMS, Crystal Koski, RVT, RDMS, and Erin Morris, RDMS, RVT.**

Class Notes

| | |
|----------------------------|---------------------|
| Samantha Arthur | Jacksonville, Fla. |
| Kristi Reagor | Jacksonville, Fla. |
| Erica Featheringill | Fort Madison, Iowa |
| Katherine Ryan | Cedar Falls, Iowa |
| Dayna Grabinoski | Armstrong, Iowa |
| Kristin Theede | Lewiston, Minn. |
| Laura Jacobson | Rochester, Minn. |
| Mandy Warzala | North Branch, Minn. |
| Nicole Nesse | Sartell, Minn. |
| Amber Weiler | Dorchester, Wis. |



Florida
Samantha Arthur, student; Francis St. George, clinical coordinator; Kristi Reagor, student



Rochester
Front row: Kristin Theede, Katherine Ryan, Dayna Grabinoski, students
Second row: Nicole Nesse, Amber Weiler, Erica Featheringill, Laura Jacobson, Mandy Warzala, students
Back row: Diane Youngs, program director; Becky Madery, academic coordinator; Douglas Brown, MD, medical director; Allan Neis, clinical coordinator

Surgical First Assistant

Program Update

On Aug. 16, 2013, the inaugural class of the Surgical First Assistant Program graduated.

The Department of Nursing and Mayo School of Health Sciences partnered to design this one-year, postbaccalaureate program to address a critical shortage of certified surgical assistants at Mayo Clinic and in particular, in Rochester, Minn.

Michael Desorcie, CSA, and **Helga Olson**, CSA, were hired in February 2012 to begin curriculum development. Along with Program Director **Sarah Penkava**, they outlined a course of study that includes five months of classroom and lab studies and a seven-month series of clinical rotations. The program culminates with the National Surgical Assistants Association certifying exam.

The first class was selected and began studies in August 2012. The program proudly graduated nine certified surgical assistants. Several students achieved exam scores significantly higher than the national average, demonstrating exemplary achievement.

Eight of the nine graduates have found employment as certified surgical assistants, with seven being hired at Saint Marys and Rochester Methodist hospitals. The second class in the Surgical First Assistant Program began in August 2013 with 14 students.

Class Notes

| | |
|----------------------------|------------------------|
| Vyana Arifin | Rochester, Minn. |
| Geoffrey Gerardin | Minneapolis, Minn. |
| Cassandra Helgerson | Plymouth, Minn. |
| Keeli Mullaney | Hastings, Minn. |
| Samantha Neptune | West Saint Paul, Minn. |
| Molly Osborn | Rochester, Minn. |
| Robert Reed Jr. | Dundas, Minn. |
| Kimberly Waller | River Falls, Wis. |
| Logan Wolf | Somerset, Wis. |



*Front row: Sarah Penkava, program director; Kimberly Waller, student; Helga Olson, faculty, Samantha Neptune, Molly Osborn, students
Second row: Cassandra Helgerson, Logan Wolf, Keeli Mullaney, Vyana Arifin, students
Back row: Michael Desorcie, faculty; Robert Reed Jr., Geoffrey Gerardin, students*

SCHOOL NEWS

MSHS Open House opened door to new career

Sometimes, it's a small occurrence that heralds a big change.

For Sonya Gile, Radiology, the small occurrence was in 2006, when her father-in-law John Gile, Pharmacy, mentioned an upcoming open house for MSHS. The big change was a new career path for Gile.

Gile had told her family she was considering a different career. A 1999 graduate of Concordia College, she had been program director for several group homes in the Rochester area and worked in other human services positions. After eight years, she was ready for a change.

The MSHS Open House, which offers information on dozens of allied health education programs, sounded intriguing. Gile attended and honed in on Radiography.

"I had done some research before I went," says Gile. "I was interested in MRI or CT."

Those career paths start with a certificate in radiography. At the open house, Gile learned all about the 21-month program, including the costs. "I didn't want to take out a loan," she says. She and her husband worked out a budget, saving for a house and school at the same.

In 2008, they bought a house, and Gile enrolled in the Radiography Program. She graduated in 2010 and soon after was hired as a supplemental radiologic technologist. In 2012, she was hired as a full-time MRI technologist. Last March, she passed her MR technologist board exams.

"I love my job," she says. "The open house got me started with where I needed to go."



Sonya Gile

OPEN HOUSE SCHEDULE

Arizona: October 2014

Rochester: October 2014

SCHOOL NEWS

Good and well at MSHS Convocation

More than 300 students, faculty and staff heard the Rev. Nick Mezacapa speak on "Good and Well" at the MSHS Convocation on Oct. 14. Mezacapa is an ordained Episcopal priest, stage actor, former coach and cancer survivor. His motivational presentation focused on the need for health care professionals to stay balanced.

The presentation was in Rochester and available via video conference in Arizona, Florida and Eau Claire.



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We welcome alumni and student news

Your comments, academic and career news, and story ideas are welcome. Send to: Editor, *Connections* / Mayo Clinic / Siebens 5 / 200 First St. S.W. / Rochester, MN 55905 / Email: connectionsmanager@mayo.edu

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

MSHS has a distinguished history of preparing students for successful careers in the health sciences. Mayo Clinic has been training allied health professionals for more than 100 years.

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Email: mshsenrollment@mayo.edu

• Alumni information

www.mayo.edu/alumni
(Select "Mayo School of Health Sciences Alumni Association")
Deborah Oscarson,
Alumni Relations Coordinator
507-284-2317
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ADDRESS SERVICE REQUESTED

Meet Kimberly Bishop

- MSHS Physical Therapist Program graduate, 2005
- Supervisor, Rehabilitation Admissions, University of Minnesota Medical Center Fairview, Minneapolis
- Member, MSHS Alumni Association Board of Directors

“I’m in a role that will impact my future colleagues, help sustain a good PT Program and allow me to keep in touch with alumni inside and outside of PT,” says Kimberly Bishop of her volunteer work with the MSHS Alumni Association Board of Directors.

“As an extracurricular activity, it’s a nice balance to my job. It’s a creative outlet. And it doesn’t hurt to have it on my resume!”

See page 10 to learn more about being part of the MSHS Alumni Association Board of Directors.

