

the ROSEMAN UNIVERSITY

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Longtime Friends in Pediatric Pharmacy

Dr. Marissa Ross, *PharmD* & Dr. Linzie Roberts, *PharmD*

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The Roseman Roadrunner Scholarship Fund:

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At Roseman University, we believe that talent should never be limited by financial barriers. The Roseman Roadrunner Scholarship Fund is a unified giving initiative that invites alumni, faculty, staff, and community partners to help students across all five of our colleges pursue careers in the health professions.

Whether you give \$50, \$100, \$500, or a custom amount that reflects your passion, your support empowers the next generation of compassionate, highly trained healthcare leaders.

This fund is more than tuition assistance—it's a commitment to opportunity, access, and the future of healthcare in Nevada, Utah, and beyond. These two states face some of the most urgent healthcare workforce shortages in the nation, with underserved communities in critical need of physicians, nurses, dentists, pharmacists, and healthcare innovators. Your generosity ensures Roseman students are equipped and inspired to step into these vital roles.

Your gift directly supports students in:

- **College of Medicine** – cultivating physician leaders prepared to meet urgent primary care and specialty shortages.
- **College of Pharmacy** – training pharmacists for innovative, patient-centered clinical practice.
- **College of Nursing** – empowering nurses to fill crucial gaps across hospitals, clinics, and rural care settings.
- **College of Dental Medicine** – expanding access to oral healthcare in underserved communities.
- **College of Graduate Studies** – fueling discovery, public health advancement, and healthcare leadership.

Every contribution to the Roseman Roadrunner Scholarship Fund is an investment—not only in our students, but in the health of our region and the strength of our healthcare systems.

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Letter from the **PRESIDENT**



Dear Roseman University Community,

As we embrace the summer of 2025, I am delighted to share this latest issue of *spectRUM*, showcasing the remarkable achievements and inspiring stories that embody our institution's commitment to excellence in health sciences education.

This issue highlights the extraordinary journey of two longtime friends who have illuminated the practice of pediatric pharmacy. Their story demonstrates how Roseman's accelerated PharmD program provides students with diverse experiences that help them discover their professional passions. The dedication of these professionals to serving our most vulnerable patients—our children—exemplifies the compassionate care we strive to instill in all Roseman graduates.

I am particularly excited about our feature on the revolutionary GENESIS program in our College of Medicine. This innovative approach to medical education, which immerses students directly in underserved communities, represents a fundamental shift in how we train future physicians. By addressing social determinants of health and building trust through community partnerships, GENESIS is creating physicians who understand healthcare from a holistic perspective. Another College of Medicine program, EMPOWERED, has also expanded its footprint beyond Nevada and into Utah thanks to a partnership with Intermountain Health. I invite you to learn more about both of these programs and how they are transforming our communities.

The power of our Master of Science in Biomedical Sciences (MBS) program is also beautifully illustrated in these pages. With a 98 percent graduation rate and 75 percent overall academic placement in graduate-level health sciences programs, our MBS degree opens doors to countless opportunities in healthcare, research, and biotechnology fields.

Finally, the touching story of Tyler and Mikaela, recent Accelerated Bachelor of Science in Nursing (ABSN) graduates, reminds us of the profound impact our educational environment has on our students' personal and professional growth. Their journey exemplifies how Roseman's Six-Point Mastery Learning Model® prepares students not just academically, but for life's greater purposes.

As we celebrate these achievements, I want to emphasize the crucial role scholarships play in making these educational journeys possible. Scholarships represent more than financial assistance—they represent opportunity, access, and the belief in potential. They enable talented individuals from diverse backgrounds to pursue their dreams and eventually serve our communities as skilled healthcare professionals. I invite you to join us in supporting the next generation of healthcare leaders by contributing to our scholarship funds. Your generosity creates ripples of positive impact that extend far beyond our campuses into the communities we serve.

Together, we can ensure that financial barriers do not prevent deserving students from accessing the quality education that Roseman provides. Your support is an investment in not only these students' futures but in the health and wellbeing of our communities.

Warm regards,

Dr. Renee Coffman

President

Roseman University of Health Sciences



TWO LONGTIME FRIENDS ILLUMINATE THE PRACTICE OF PEDIATRIC PHARMACY

By: Vanessa Maniago

Pediatric Pharmacy: What is it?

Pharmacy practice has witnessed a large-scale evolution in the last decade. As a doctoral degree rooted in science and patient care, a PharmD opens doors to a world of optionality and the pursuit of passion in countless specialty areas. Early and often, Roseman's three-year accelerated PharmD program places students in a variety of practice settings allowing each student to gain broad exposure to potential areas of interest. Graduates of Roseman's PharmD program are prepared to pursue post-graduate residencies, enabling them to immerse themselves in a specific practice area fully, prepare for board certification, and pursue specialized career areas.

According to the Pediatric Pharmacy Association, and Dr. Jim Herbst, PharmD, pharmacists can work in a variety of practice settings, including hospitals, clinics, and community pharmacies. Children's hospitals are a common practice setting for pediatric pharmacists, as these facilities typically have a higher volume of pediatric patients and require specialized medication management. Pediatric pharmacists may also work in specialty clinics for cystic fibrosis, oncology/cancer, or pediatric cardiology. In addition to clinical practice settings, pediatric pharmacists work in research or academic settings, conduct research on pediatric medication use or teach pharmacy students about pediatric pharmacy practice.

Pediatric pharmacists are critical in ensuring safe and effective medication use in children. They work closely with healthcare providers to develop and implement medication therapy plans tailored to each patient's needs, including adjusting medication doses based on the patient's age, weight, and other factors.

Pediatric pharmacists also work with parents or caregivers, educating them on medication use and potential side effects, managing medication regimens for children with chronic conditions, such as asthma or diabetes, and providing support and guidance for families throughout the treatment process.

In addition to patient care, pediatric pharmacists may also be involved in medication safety initiatives, policy, and quality improvement projects like developing medication guidelines and protocols to ensure that medication use is consistent and safe across healthcare providers.

Some pediatric pharmacists seek board certification, earning the designation "Board-Certified Pediatric Pharmacy Specialist" by the Board of Pharmacy Specialties. Currently, there are more than 1,880 Board-Certified Pediatric Pharmacy Specialists.

Dr. Ross and Dr. Roberts: A Day in the Life of Two Pediatric Pharmacists

Marissa Ross, PharmD, Class of 2019 and Linzie Roberts, PharmD, Class of 2022, have known one another for over a decade. From first working together at a medical clinic in Las Vegas to their current roles as pediatric clinical specialists, Dr. Ross and Dr. Roberts have a tapestry of shared experiences woven together in their long friendship. Shortly after Marissa graduated from Roseman's College of Pharmacy to start post-graduate residency in pediatric pharmacy, Linzie followed in her friend's footsteps and enrolled in Roseman's PharmD program. It was not

too long until the friends reconnected at Saint Francis Children's Hospital in Tulsa, Oklahoma, where they are both now pediatric clinical specialists. Dr. Ross is the Pharmacy Supervisor/General Pediatrics Clinical Specialist and Dr. Roberts serves patients as a Hematology/Oncology Clinical Pharmacy Specialist.



For Dr. Ross, a direct path to her goal was what brought her to Roseman. "After taking time off between undergrad and pharmacy school due to family and financial challenges, I was looking for an accelerated program that would allow me to complete my PharmD efficiently. As a Las Vegas native, it was an added bonus that Roseman offered a program that met my needs while allowing me to stay close to home."

Dr. Ross found that during her program, rotations provided an enormous amount of one-on-one learning, even if daunting.

"Most of the rotations I completed, I was the only student with that preceptor. While this was a bit intimidating at first, it pushed me to learn how to use my resources and be independent early on in my career."

Knowing that she wanted to be in a hospital setting and in pediatrics, she completed her Post Graduate Year One (PGY-1) residency at Saint Francis Children's Hospital, where she currently works, which provided her a rich environment in which to learn. While she finds working with children to be emotional, she sees the work as highly fulfilling and inspirational daily. "Working with pediatric patients can be both emotional and challenging, but more often than not, they recover and are able to go home. What I find most inspiring is their resilience and optimism—they don't dwell on the difficult moments but instead remember the little joys, like how many popsicles they had or how many visitors came to see them. There's something truly special about seeing a child riding a tricycle or wagon down the hallway in their panda hospital gown—it never gets old and always serves as a reminder of their incredible strength and spirit."

For those wondering what Dr. Ross' every day might be like, she describes it well, "I have five care teams from two different university medical schools with whom I work. Often, I will bounce between care teams during interdisciplinary rounds, or if I find a team with many complex patients, I may spend the day rounding with them only. The afternoons might include patient education, helping with transitions of care, conducting medication taste tests, preparing formal lectures for medical residents through the university, or informally working with residents while they are on the general pediatrics service."

What energizes her is that her teaching hospital truly embraces interdisciplinary care for its patients. Knowing that this care promises the best clinical outcomes for patients, Dr. Ross appreciates being part of a team on patient rounds that typically

includes medical residents, attending physicians, MD/DO/PA students, nurses, social workers, case managers, pharmacists, and child life specialists. Teams discuss each patient's care plan and share it with the patient and their family to ensure collaborative decision-making. Beyond rounds, she notes that pharmacy has a strong presence in hospital-wide committees, reinforcing their role as essential contributors to patient care.



For Dr. Roberts, Roseman's accelerated program allowed her to pursue her educational goals while raising two young children. She found that the program allowed her to complete her education in less time, allowing her to return to her family and career more quickly. She also connected with Roseman's Six-Point Mastery Learning Model®. "The block system really resonated with me—it enables an in-depth focus on one subject at a time, which I found to be a highly effective way to learn."

Dr. Roberts discovered pediatric pharmacy during her Neonatal Intensive Care Unit (NICU) rotation in the longitudinal Advanced Pharmacy Practice Experiences (APPE) program at Mountain View Hospital. She initially thought she wanted to pursue geriatric pharmacy or retail, but the rotation introduced her to neonatal medicine and clinical pharmacy in general, which sparked an interest in pediatrics. "The complexity and challenges of working with pediatric patients really resonated with me, and I found a true passion for the field. Since then, I have shifted my focus to pediatric oncology/hematology, but it was that NICU experience that first opened my eyes to the possibilities in pediatric pharmacy." Dr. Roberts completed her pediatric PGY-1 residency at Cardinal Glennon Children's Hospital in St. Louis, MO. During residency, she realized her passion was in pediatric hematology/oncology. She did two rotations in this area, and a longitudinal clinic, which solidified her interest.

"Beyond the hematology/oncology rotations, I also got some great experience in a longitudinal Warfarin clinic and had the chance to present a Continuing Education session on pulmonary hypertension pharmacotherapy," said Dr. Roberts. "I also was able to present my research on enhancing the Pediatric Intensive Care Unit (PICU) sedation weaning protocol. Overall, the residency really helped me build my confidence in pediatric medicine."

This specialty allows Dr. Roberts to provide continuity of care by working with her patients at a deeper level and, at times, through long periods of therapy.



Are you interested in a career in Pediatric Pharmacy?

Email pharmacyadmissions@roseman.edu for more information.

A day in the life of Dr. Roberts in the children's hospital, where she serves as the pharmacist for both the inpatient unit and the outpatient oncology/hematology clinic, includes providing guidance on supplements, medication changes, or helping patients having trouble accessing their medications. She will also recommend reducing pill burden, adjusting doses, and adding appropriate therapies when necessary. Knowing her patients well and tailoring their therapy to meet their needs is most impactful. She feels she makes the biggest difference by building personal relationships with them and being there for their medication-related concerns.

Like Dr. Ross' experience, Dr. Roberts agrees that the interprofessionalism at the Saint Francis Children's Hospital is exceptional, ensuring patients are cared for from all angles—medically, socially, and emotionally. "This teamwork helps provide the most comprehensive care, and I've seen firsthand how it positively impacts patient outcomes."

Trust the Process

Dr. Roberts' advice for those considering a career in Pharmacy: keep an open mind. Due to the early experiential elements of Roseman's program, rotations in her third year in the PharmD program, and residency, she was presented with numerous diverse experiences that helped her identify where she wanted to deepen her skills. "By keeping an open mind, I discovered a passion for pediatric hematology/oncology, a field I never expected to find. It turned out to be exactly where I needed to be."

Dr. Ross advises that it is okay not to know everything. "The best advice I give to students and residents is to be comfortable with knowing what you don't know. In healthcare, new studies, guidelines, and medications are constantly emerging, and it's our responsibility to stay informed for the sake of our patients. No matter how long you've been in the field, you'll encounter questions you don't have an immediate answer for—and that's okay!"

In 2024, 81.5 percent of Roseman's PharmD graduates pursuing residency matched. This impressive number reflects the exceptional preparation Roseman students receive during their three-year program, enabling them to be competitive candidates for residency programs. It also speaks to Roseman Pharmacy graduates' diverse interests and vast desires to serve the many rich practice areas of Pharmacy. These residencies span a variety of specialties and place graduates in many kinds of practice settings. The world of Pharmacy is vast and deep and Roseman's graduates are exploring and serving in many diverse capacities.

For Dr. Ross and Dr. Roberts, and the many Roseman graduates who have gone on to Pediatric Pharmacy, the patients they serve undoubtedly administer to them a daily dose of kindness and optimism. This provides an unbreakable cycle of support and is a testament to the fact that inspiration can flow in both directions. For Drs. Ross and Roberts, their deep connection to their patients is evidence that they are ideally suited to serving our community's most fragile and vulnerable patients.

ALUMNI UPDATE:

Dr. Jenny Nguyen, PharmD, Class of 2014

By: Vanessa Maniago



Born and raised in Las Vegas, Dr. Jenny Nguyen, PharmD, BCPS, BCPPS, is happy to be serving her local community as a Pharmacist and Pediatric Clinical Specialist at Dignity Health, St. Rose Dominican – Siena Campus, working in the Neonatal Intensive Care Unit (NICU) as part of a multidisciplinary team focused on treating preterm and medically fragile infants.

As part of a team, Dr. Nguyen enjoys the interdependence between the various healthcare providers—including dietitians and respiratory therapists—knowing that this teamwork and mutual respect yields the best patient care and most ideal patient outcomes. "My opinions and recommendations are always considered and valued".

Looking back, Dr. Nguyen acknowledges that she was eager to get her education completed so that she could start her career, and Roseman's accelerated PharmD appealed to her, allowing her to fast track her education and get to work sooner. Dr. Nguyen enjoys working alongside the parents of her patients as well, who may be new to parenting and the NICU. There are meaningful interactions daily in this role. "One meaningful interaction I had was with a mother who was hesitant and afraid to allow her baby to receive a Vitamin K injection. Together with the doctor, we explained the potential risk of Vitamin K deficiency bleeding in newborns.

I took the time and explained that she should consider it as vitamin supplementation rather than a medication – merely supplementing until babies are old enough to have adequate stores and obtain from external sources like food. The mother felt reassured and consented to the injection. The doctor was also appreciative."

Being open to new opportunities, different practice areas and settings enabled Dr. Nguyen to find her profession. She encourages all aspiring pharmacists to "embrace new experiences and don't hesitate to try something different. Say 'yes' to every opportunity that comes your way." The path may not always be straightforward and linear, and openness to the unexpected can yield exceptional discoveries.

Alongside her family, Dr. Nguyen likes to travel, explore new places, parks, and restaurants. She also likes to be active through bouldering and rock-climbing. Thank you Dr. Nguyen for all you do to support our community!





REVOLUTIONIZING MEDICAL EDUCATION:

*Roseman University's **GENESIS** Program Builds Community-Centered Physicians*

By: Jason Roth

In a bold departure from traditional medical education, Roseman University College of Medicine is pioneering a revolutionary approach to training future physicians through its innovative GENESIS program. Following the granting of preliminary accreditation in February by the Liaison Committee on Medical Education (LCME), the College of Medicine is actively recruiting its inaugural class of 60 students set to begin in July, with GENESIS serving as a cornerstone of their educational journey.

GENESIS represents a fundamental shift in how medical students learn about healthcare delivery by immersing them directly in underserved communities throughout their education. Officially launched in March 2022 on the steps of Las Vegas City Hall, the program has already made significant strides in community engagement and healthcare delivery.

Beyond the Classroom: Medicine in Real Communities

Unlike conventional medical programs that might offer occasional community clinic experiences or optional social medicine electives, GENESIS makes community engagement mandatory and longitudinal.



"Roseman GENESIS affords all undergraduate medical students with a longitudinal relationship with members of medically underserved communities," explains Dr. Steven Embley, Chair of the Department of Clinical Sciences. "GENESIS is a required element of the curriculum that reinforces classroom topics such as clinical skills, medical ethics, social determinants of health, and health systems science." This approach acknowledges a critical reality often overlooked in traditional medical training: that 80-90 percent of disease outcomes stem from social determinants of health rather than purely biological factors.

"There is a consensus in the literature that a larger percentage of healthcare outcomes is attributable to non-biologic causes such as the social determinants of health," notes Embley. "Despite the overwhelming evidence of this phenomenon, medical education has been slow to adapt its curricula to reflect this reality. Recent changes in accreditation standards now include requirements that topics on the social determinants of health be taught to medical students, however, guidance on the structure or format have been varied across medical schools."

A Household-Centered Approach

What makes GENESIS truly distinctive is its household-centered methodology. Students are assigned to medically underserved households with whom they'll work throughout their education, helping to improve both health and social conditions. They're supported by GENESIS community health workers employed by the College of Medicine who help household members navigate appropriate health and social services.



"Community health workers are charged with recruiting, screening and enrolling households into the program," explains Pearl Paulo, Senior Program Manager. "These community health workers educate household members about the experience of working with our medical students and their faculty supervisors. If a household agrees to be assigned to a medical student, then the community health worker introduces the household members to their assigned medical student and faculty supervisor."

The program meticulously tracks nine domains of social determinants of health risk: income, nutrition, housing, technology, transportation, employment, and life skills/education, along with physical and mental quality of life measures.

"GENESIS uses a digital social risks profile system to longitudinally track the social condition of each household and its members," shares Paulo. "The system also enables GENESIS teams to create care plans, track services provided, as well as visualize progress."



"The goal is to transform risks into assets or protective factors that will serve to reduce the likelihood that the next life event experienced by the household does not reverse any improvements achieved," notes Dr. Luther Brewster, Senior Executive Dean for Community Health Innovation.

"The process of helping households address their social determinants of health risks towards a goal that exists beyond simply relying on public assistance is termed resilience building. It is our hope that a GENESIS household does not experience the common rebound effect of public assistance, whereby households are continuously exiting and rejoining the public assistance roles."

Building Trust Through Community Partnership

GENESIS didn't materialize overnight. Since the 2022 program launch, community health worker teams have been the backbone of the initiative's success.

"The entire GENESIS program is built on a foundation of trust," emphasizes Sheyla Pierre, Director of Equity Development and Community Engagement. "We have hired several staff members from the very communities we serve, demonstrating our commitment to reinvesting in and uplifting underserved populations."



This foundation of trust has yielded impressive results: more than 120 community organizations have referred households to GENESIS, resulting in over 500 Southern Nevada residents actively receiving services. In the past year alone, GENESIS led or participated in 160 community outreach events across the Las Vegas Valley.

"Community organizations are relied upon for household referrals, thereby making the entire GENESIS program vulnerable to the community. This approach ensures that GENESIS is always being responsive to the needs of the community," adds Pierre.

The program maintains a diverse staff fluent in multiple languages, including English, Spanish, Tagalog, French, and Haitian Creole, helping to bridge potential cultural and socioeconomic barriers.

"GENESIS maintains a very diverse staff from multiple socioeconomic backgrounds," Pierre explains. "The GENESIS staff undergo continuous training and four times per year engage in 'refreshers' to address the mental strain that accompanies providing services to medically underserved residents. Trainings often include staff and leadership from many of the community organizations that refer households and have extensive experience navigating the cultural, and socioeconomic barriers encountered in these households."



Learning Communities and Population Health

Students participating in GENESIS are assigned to one of six learning communities, promoting student connectedness and faculty mentorship opportunities. These communities also serve a crucial educational purpose.

"GENESIS will leverage these learning communities as a means of consolidating data gathered on all households assigned to students in a given learning community," explains Dr. Karin Esposito, Senior Executive Dean for Academic Affairs. "This will provide students in each learning community with a population-level view of the risks, needs and assets of all households assigned to students in a specific learning community. This approach will be used to reinforce skills related to population health, preventive health and health disparities."



These collaborative experiences extend beyond individual household visits, as Esposito notes: "Periodically there are classroom sessions allocated for all members of the GENESIS team - students, faculty and community health workers to review the household's care plan, progress made and any barriers that need to be addressed."

Unexpected Benefits and Challenges

The program's implementation has revealed both unforeseen benefits and challenges.

"The most pronounced unexpected benefit has been the number of household referrals we have received from other households," shares Pierre. "Currently household to household referrals constitute a little more than 10% of our total referrals. This suggests that GENESIS staff are building significant trust in the community that is being rewarded by households sharing a trusted brand."

The program has also encountered challenges: "An unexpected challenge has been responding to the intensity of requests for GENESIS to be offered in the rural areas of Nevada," acknowledges Pierre.



Shaping Future Physicians

While GENESIS doesn't aim to dictate medical specialty choices, it does aspire to fundamentally shape how Roseman graduates approach medicine regardless of specialty.

"It is our hope that the lasting impact of GENESIS on Roseman College of Medicine graduates is: 1) the importance of being a highly competent physician that communities can rely upon, 2) part of being a highly competent physician is the number of variables (social and medical) you leverage in making a diagnosis and treatment plan, 3) an understanding of the micro and macro policies that influence patient decision-making," explains Esposito.

"It may have no effect on specialty selection, and that is fine," Esposito adds. "Underserved communities need compassionate, ethically trained surgeons, ophthalmologists, dermatologists, psychiatrists and all other specialties. The goal is not necessarily to dictate specialty choice, but instead to ensure our students arrive to their residency as a highly competent physician as defined by the Roseman standard."

GENESIS-trained physicians will gain "a comprehensive understanding of the context and conditions from which patients originate. This skill is derived from firsthand experience in communities and households, rather than through simulations, cases or windshield views of areas in need."

Looking Forward

As Roseman University College of Medicine welcomes its first class of medical students, GENESIS is poised for continued growth and innovation. Future plans include expanding into Nevada's rural and frontier communities and creating more pathways for students from other health professions to participate.

"Future cohorts of students will be welcomed into an ever-increasing environment of innovation that will ultimately spur student-driven ideas of how GENESIS can elevate its learning opportunities, scientific discovery and community benefit," Brewster envisions. "This process will inevitably create more pathways for students from other professions (e.g., Pharmacy, Dental) and potentially other universities to participate in GENESIS."

Looking to the future, Brewster projects: "We fully expect to have some version of GENESIS offered to several of Nevada's rural and frontier communities. This would include the formation of statewide strategic partnerships aimed at ensuring that Nevada has a durable means of training a growing interprofessional healthcare workforce prepared to deliver high-quality healthcare to all its residents."

The scalability of the program is already evident: "GENESIS is itself a replication of work pioneered in South Florida and therefore the evidence of its scalability already exists. The underlining approach, household-centered care, is a flexible approach able to accommodate a broadly accepted philosophy assigned to community health interventions - if you have seen one community, then you have seen one community. No two communities are the same and therefore strategies must be flexible enough to adapt to changing community contexts and conditions," said Brewster.

With the LCME's stamp of approval and recruitment underway for the inaugural class, Roseman University College of Medicine stands ready to transform medical education through its commitment to community engagement and addressing the social determinants that profoundly impact health outcomes.

"Implementing audacious approaches to address long-standing profession and societal challenges requires an unyielding focus on the desired outcome, while resisting the pressure to react to momentary setbacks or 'pre-successes,'" reflects Brewster. "GENESIS is fortunate to be part of a College of Medicine that is supremely focused on its mission and to be part of Roseman University, with a legacy of audacious accomplishments."



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EMPOWERED Partners with Intermountain Health's PATH Program to Expand in Utah

By: Jason Roth



Roseman University College of Medicine's EMPOWERED program, founded in 2018 in Las Vegas, has successfully expanded its reach beyond Nevada to Weber and Davis counties in Utah in partnership with Intermountain Health's Peripartum Addiction Treatment and Healing (PATH) program. This strategic expansion brings Roseman University's expertise to communities in Utah, supporting pregnant and postpartum individuals who have used opioids and stimulants.

"This collaboration addresses a critical need in Utah, where drug-induced deaths are the leading cause of pregnancy-associated death, with most cases occurring during the postpartum period," said EMPOWERED Executive Director and Co-Founder Dr. Andria Peterson. "At EMPOWERED, we're committed to offering pregnant and postpartum individuals non-judgmental support to guide them in their recovery so they can achieve resiliency and thrive as caregivers for their babies."

EMPOWERED helps clients navigate the challenges of recovery, addressing their greatest needs and helping build a foundation for successful recovery. A cornerstone of the program's approach is peer support, which connects clients with peer recovery support specialists who have had similar experiences, reducing feelings of isolation and providing encouragement.

A Collaborative Approach to Complex Challenges

To enhance care for mothers in recovery, EMPOWERED collaborates closely with Intermountain Health's PATH program. Both organizations recognize that pregnant individuals with substance use disorder face unique challenges, including complications like Neonatal Abstinence Syndrome (NAS) or Neonatal Opioid Withdrawal Syndrome (NOWS) in infants.

The PATH program offers virtual visits with obstetricians trained in addiction medicine, who create tailored care plans for participants. Their services include neonatal consultations, counseling, and medication for opioid use disorder.

"Our partnership with the PATH program creates a seamless support system," notes Dr. Peterson. "While PATH addresses the critical medical needs during pregnancy, our EMPOWERED program extends that support with resources and community connections that help build foundations for long-term recovery and successful parenting."

A Complete Pathway to Recovery

A typical journey through the complementary programs might begin with PATH for medical treatment during pregnancy. From there, EMPOWERED provides ongoing postpartum support, peer counseling, and help obtaining baby supplies, housing, employment, and more. This continuum of care supports both mother and baby through recovery and into healthy family life.

"The peer support component of Roseman's EMPOWERED program is particularly valuable," explains Dr. Peterson. "These connections build resilience and confidence as our clients navigate recovery and motherhood simultaneously."

Reinforcing Roseman University's Commitment to Community Health

The expansion from Nevada into Utah's Weber and Davis counties brings EMPOWERED's evidence-based support programs to communities where they're needed most, while also strengthening Roseman's commitment to addressing critical health needs in Utah communities. By combining Roseman's expertise in community health resources with Intermountain Health's medical capabilities, EMPOWERED is creating comprehensive solutions for vulnerable populations.



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Prepare, Progress and Succeed:

THE POWER OF A MASTER OF SCIENCE IN BIOMEDICAL SCIENCES (MBS)

By: Rachael Thomas

In an increasingly complex healthcare and research landscape, the demand for highly trained professionals with a deep understanding of biomedical sciences continues to grow. A Master of Science in Biomedical Sciences (MBS) offers students a unique opportunity to expand their scientific knowledge, strengthen their academic foundation, and prepare for a variety of careers in healthcare, research, and biotechnology. Whether students aspire to apply to healthcare-related professional programs or desire to work in clinical, academic, or industry settings, the MBS degree is a powerful step forward.

An MBS degree program provides research opportunities, allowing students to apply what they learn in the classroom to real-world biomedical problems. Through independent, mentored research, students gain hands-on experience in research methodology, laboratory techniques, data analysis and informatics, and scientific communication—all essential skills in today's research and clinical environments.

By pursuing an MBS degree, doors are opened to a wide range of career paths. Graduates can pursue roles in biomedical research, biotechnology, pharmaceutical development, clinical trial coordination, and public health. Employers value the advanced scientific knowledge, analytical thinking, and research experience that MBS graduates bring to the table. Whether in academic

institutions, hospitals, government agencies, or private industry, professionals with an MBS background are well-positioned to contribute meaningfully to the advancement of science and human health.

Although an MBS is great for pursuing a career in research or the biomedical industry, many students decided to pursue an MBS degree to bolster their credentials for applying to healthcare-related professional programs. An MBS strengthens their academic portfolios for competitive healthcare-related professions programs such as medicine, dentistry, optometry, pharmacy, and physician assistant. Admissions committees often look for evidence of academic resilience, dedication to science, and the ability to handle graduate-level coursework. By demonstrating success in a challenging master's program, MBS students show they are prepared for the rigors of healthcare-related professional programs. To date, Roseman University of Health Sciences' MBS program graduates have a 75 percent overall academic placement in graduate-level health sciences programs and 74 percent dental school placement with graduates receiving acceptance offers to Roseman's doctoral programs and schools across the country, including NYU, USC, Notre Dame, Case Western Reserve, Creighton, Oregon Health & Science University, Rutgers, Tufts, AT Still, Indiana University, along with the Universities of Maryland, Minnesota, New England, and Washington.*

Roseman's MBS is designed to prepare students for advanced healthcare and research careers. With campuses in Nevada and Utah, Roseman's program emphasizes a collaborative, student-centered learning environment rooted in its Six-Point Mastery Learning Model®. With a 98 percent graduation rate, this innovative educational approach ensures students achieve competency in every subject area before moving forward, promoting true mastery and long-term retention.

Roseman's MBS program offers HyFlex delivery, hybrid learning in a flexible course structure. Students can attend classes in person or online. HyFlex, a combination of "hybrid" and "flexible" integrates face-to-face (synchronous) and online learning (asynchronous). The flexibility of HyFlex lets students choose how to participate in the course and engage with material in the way that is most optimal for them. Roseman's program is ten months and includes graduate-level courses in Biomedical

Research, Organizational Behavior and Leadership, Biomedical Sciences, Regulatory Affairs and a Capstone Project. Roseman's small class sizes, supportive faculty, and personalized mentoring create an environment where students can thrive. The program also offers career advising and professional development resources to help students navigate their next steps, whether that means applying to a healthcare-related professional programs or entering the workforce.

Pursuing an MBS is more than an academic decision—it's an investment in a future of possibility. Whether enhancing academic credentials, building research expertise, or exploring new career paths, the MBS degree empowers students to reach their goals. At Roseman University, students are not only prepared for the next stage of their academic or professional journey—they are inspired to become leaders in science and healthcare.

**MBS Classes (2022-2024)*

MBS CLASSES (2022-2024)




98%
GRADUATION RATE


75%
OVERALL ACADEMIC
PLACEMENT


74%
DENTAL SCHOOL
PLACEMENT



"Roseman was a wonderful stepping stone for me. It amplified my application for the Neuroscience PhD program at UNLV, and it opened doors to connections I might never have had otherwise."
Alexandra, MBS '24, UNLV



"Roseman helped me become a stronger candidate for dental school by preparing me for the rigorous coursework."
-Nushrah, MBS '22, NYU



"I loved Roseman's team approach, it was truly collaborative and helped me prepare and succeed."
-Alex, MBS '24, University of Washington

A photograph of a young man and woman sitting on a green outdoor couch. The man, on the left, is wearing a black polo shirt, blue jeans, a white cowboy hat, and a smartwatch. The woman, on the right, is wearing a light pink dress and has her arm around his shoulder. They are both smiling. In the background, there are trees and a body of water.

ALUMNI SPOTLIGHT

Tyler Hesse & Mikaela Hamel, ABSN '24

Roseman gave them the foundation they needed to succeed, helping them achieve their dream in an accelerated timeframe.

Photography Courtesy of Oak Photography

By: Rachael Thomas

From the moment Tyler and Mikaela walked through the doors at Roseman University, they knew they had found a place where they could grow—not just as students, but as future nurses, partners, and a team. For both of them, choosing Roseman was an easy decision. The pro-student environment was clear from the start, with faculty and staff committed to supporting their success.

The Six-Point Mastery Learning Model® made it possible to truly absorb and retain information, ensuring that they weren't just studying for exams but preparing for real-world nursing.

Their journey into healthcare was fueled by a shared passion for patient care and the ability to make a difference in people's lives.



For Tyler, the vast opportunities within the field, especially his dream of becoming a flight nurse, made nursing the perfect fit. The idea of providing critical care in high-stakes situations while also getting an adrenaline rush combined his passions in the best way possible.

For Mikaela, the close patient connections that nursing fosters was the biggest draw. Assistant Professor Dr. Beth Green's words resonated deeply: "It is an honor to do something for someone that they cannot do for themselves." That honor, combined with a fascination for the resilience of the human body, solidified her calling she believes the Lord has given her to serve others by becoming a nurse.



As they navigated their nursing education together, they learned not only from their professors but from each other. Tyler is the kind of guy that has a "get it done" personality but will bring you right along with him to do it together. Having a partner who truly understands the challenges and triumphs of this journey made all the difference. They were also inspired by their mentors, like Dr. Green and Associate Dean for Academic & Student Affairs Dr. Jamie York, who demonstrated what it means to be compassionate, skilled, and dedicated nurses. Dr. Green taught them to never lose their smile and to always remember their "why" for what they do.

Roseman gave them the foundation they needed to succeed, helping them achieve their dream in an accelerated timeframe. Tyler never imagined graduating with a Bachelor of Science in Nursing (BSN) at 21 years old, but Roseman's rigorous yet supportive environment made it possible. An Accelerated Bachelor of Science in Nursing (ABSBN) in 16 months without skimping on important material or clinical experience, and allowing students to graduate with a 4.0 is a great accomplishment for which Roseman should be proud. Mikaela found that the high standards and professionalism instilled in them at Roseman set them up for success far beyond academics. The faculty at the South Jordan Campus poured countless hours into making sure they were ready—not just to pass exams, but to excel in their careers.

Some of their best memories at Roseman include volunteering at the Salt Lake City Marathon, supporting runners at a water station, and making a positive impact in the community. Tyler will never forget the days when he and his friend Justin would bring their snowboard gear to class, waiting for the early lab dismissals so they could head straight to the mountains. These moments, big and small, shaped their experience and cemented their love for this school.



Photography Courtesy of Oak Photography

Tyler and Mikaela have returned to their hometowns in Oregon and begun their careers as critical care nurses. They are now looking forward to the next chapter of their lives—getting married in May. Roseman wasn't just a steppingstone in their education; it was the place where they grew together, challenged each other, and built the foundation for their future. Their love story is intertwined with their journey at Roseman, and they couldn't be more grateful for everything Roseman University has given them.

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MAY 15, 2025

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Learn how to utilize effective strategies to build a healthcare workforce that meets the needs of our changing community.



SUMMER BREAK: JUNE - AUGUST

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SEPTEMBER 11, 2025

Childhood Cancers: Light in the Darkness

Meet Dr. Joesph Lasky, Medical Director of Cure 4 The Kids Foundation (C4K), and understand how Nevada's treatment center for pediatric cancers and rare diseases cares for medically fragile children and their families. Through clinical expertise, cutting-edge research and innovative approaches, C4K is focused on providing highest-quality life-saving care and services to our community's most vulnerable population.

OCTOBER 16, 2025

The ABC's of Medicare: Navigate Open Enrollment with Confidence

Medicare is not for the faint of heart, but in just 90 minutes, participants will have greater confidence in their grasp of the changing complexities of Medicare. Whether you are just enrolling or want to understand better the changes coming in this year's plans, or if you are a caregiver to someone receiving Medicare, learn the ABC's in a positive, encouraging environment while connecting with members of Roseman's Medicare Call Lab.

NOVEMBER 13, 2025

Dogs & Diabetes: How Our Canine Companions Support Diabetics, and the Latest on Diabetes

What do Dogs and Diabetes have in common? Michael's Angel Paws trains service dogs to assist in symptom detection and management of their "person" with diabetes. Through a strong sense of smell, great intelligence and a heart of gold, these service dogs can be life-changing partners to insulin-dependent diabetics. Learn more from a Roseman pharmacist about diabetes, your personal risk, prevention, and today's best treatment options.

DECEMBER 11, 2025

Grabbing the Brass Ring: The Fulbright Program – Improving Intercultural Relations, Cultural Diplomacy, and Intercultural Competence

The Fulbright Program, the U.S. government's flagship program of international educational and cultural exchange, offers passionate and accomplished students and scholars in more than 160 countries the opportunity to study, teach, conduct research, exchange ideas, and contribute to mutual understanding. Learn from Dr. Manas Mandal, Fulbright Scholar, how his award is enabling transformative work, and understand the process of how to become involved with this prestigious program.



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