



Search for the Dean, School of Medicine and Advanced Medical Engineering

Arizona State University

Tempe, Arizona

Arizona State University (ASU) invites inquiries, applications, and nominations for the inaugural Dean of the School of Medicine and Advanced Medical Engineering, a first-in-the-nation school integrating medicine, health humanities, biomedical science, and engineering.

This is a tremendous opportunity to make a major impact on the Arizona healthcare landscape and the future of medicine by building and leading a new school at one of the nation's [most innovative](#) universities. [Announced](#) in June 2023 and expected to welcome its first class of students in 2026, the School of Medicine and Advanced Medical Engineering will be a cornerstone of [ASU Health](#), the University's growing healthcare enterprise. [Headquartered in downtown Phoenix](#), ASU Health is a learning ecosystem formed to accelerate and focus the University's efforts to tackle Arizona's urgent healthcare needs—now and in the future—by preparing the next generation healthcare workforce through interdisciplinary learning, research, and practice. Arizona has one of the most severe hospital and healthcare worker shortages in the United States, with more than one in three hospitals in the state facing critical staffing shortages. ASU Health takes a bold and creative approach to addressing this challenge by leveraging the multifaceted strengths of the University to recruit, develop, and train a professional workforce prepared to improve health outcomes in Arizona and beyond.

In support of this ambitious goal, the School of Medicine and Advanced Medical Engineering will bring together health sciences from across the University, deepen clinical partnerships to support both research and academic programs, and prepare students for impactful careers at the intersection of medicine and technology in a rapidly evolving healthcare landscape. Reporting dually to the Executive Vice President and University Provost and the Executive Vice President of ASU Health, the Dean will be a critical early hire for ASU Health and must be an entrepreneurial and visionary builder who can turn these bold plans into reality while operating in alignment with the [University's Charter](#).

To be successful, the Dean will address key opportunities listed below and outlined in detail on pages 3-5 of this document:

- Realize ASU's vision for a pioneering School of Medicine and Advanced Medical Engineering;
- Establish and strengthen collaborations with robust health programs already present across ASU;
- Deepen clinical partnerships and strategically lead additional network development;
- Expand community access to quality healthcare and improve outcomes regionally;

- Champion the School's early successes and clearly articulate its role in the region and beyond.

[ASU](#) is home to more than 170,000 students learning on campus or online, who hail from all 50 states and more than 150 countries. The Dean will join the University during an exciting period, as ASU recently joined the prestigious Association of American Universities, highlighting its position as one of the nation's preeminent research universities. For nine years in a row, ASU has ranked [number one in innovation](#) among American universities. In alignment with the University's Charter, ASU is deeply committed to making higher education accessible and affordable, and today, its student population mirrors the demographics of the state. ASU has been designated as both a Hispanic Serving Institution (HSI) and a Minority Serving Institution (MSI).

ASU has been leading a bold reinvention of higher education as the "New American University" over the past two decades, spearheaded by its visionary President, Dr. Michael Crow. With research expenditures over \$795 million in 2022, ASU experienced nearly five-fold growth in research expenditures during this period and is now on track to reach \$1 billion. Its research is inspired by real-world applications blurring the boundaries that traditionally separate academic disciplines. To support its rapid evolution, ASU established over twenty-five new transdisciplinary schools, including the School of Earth and Space Exploration, the School for the Future of Innovation in Society, and the School of Human Evolution and Social Change, and launched trailblazing multidisciplinary initiatives, including the [Biodesign Institute](#), the Julie Ann Wrigley [Global Futures Laboratory](#), and important initiatives in the humanities and social sciences. The [Ira A. Fulton Schools of Engineering](#) at ASU was expanded into the largest and most comprehensive engineering school in the nation, with top-ranking faculty and programs in areas such as Artificial Intelligence (#21, U.S. News and World Report) and Bioengineering/Biomedical Engineering (#30) and Computer Engineering (#16) that provide foundational assets for the new medical school. ASU also added numerous [new facilities](#) with strategically designed and technologically advanced spaces for collaboration, and learning – buildings embedded in our community where students, faculty and partners tackle society's most vital challenges. For more information on ASU, see Appendix I.

ASU will now apply these assets and its well-honed approach to rapid design and innovation to launch ASU Health and the new School of Medicine and Advanced Medical Engineering.

ABOUT ASU HEALTH

ASU Health is a learning ecosystem formed to accelerate and focus the University's efforts to tackle Arizona's urgent healthcare needs. The ASU Health initiative includes creating three new schools, launching a state health observatory, and more.

In October 2023, ASU announced that ASU Health would be headquartered at a location to be determined in downtown Phoenix. In response to the announcement, Phoenix Mayor Kate Gallego shared, "At a time when the Phoenix [bioscience industry](#) is booming, and when the need for highly trained medical professionals is at an all-time high, it's a big deal that ASU has chosen downtown Phoenix for their newest

venture...ASU's commitment is a testament to the strong and productive partnership the city has fostered over the past two decades and speaks to the brighter, healthier future that we envision for Phoenix families."

Structurally, ASU Health sits at the University-level, and brings together schools and colleges, research institutes, and other units from across the University through cross-functional partnerships. In addition to the School of Medicine and Advanced Medical Engineering, the primary components of ASU Health include:

- **School of Public Health Technology** - The new school will launch ASU into an emerging field, advancing ideas in education, research, entrepreneurship, and innovation. The goal is for the School to drive transformational change at the state level, which can then be scaled nationally and globally. The new school was designed by working with national industry leaders who examined the needs in public health technology. The effort was co-chaired by Dr. Susan Blumenthal, a retired rear admiral and former U.S. assistant surgeon general, and Sir Malcolm Grant, former President of University College London and former Chair of England's National Health Service.
- **The Health Observatory at ASU** - The health observatory will be a real-time early warning system that helps state leaders spot trends and make health-related decisions based on the latest available information and data.
- **ASU Medical Master's Institute** - The institute will include a broad array of Master of Science degree options to advance problem-solving and design skills for learners in a variety of healthcare fields. The Institute will increase the flow of new MDs and DOs to Arizona by creating a destination for those seeking novel programs — such as master's degrees in medical engineering and design, in public health technology, and in observational sciences — to fill the skills gap for practicing healthcare providers in an increasingly technology-driven field.
- **ASU Edson College of Nursing and Health Innovation and ASU College of Health Solutions** – The Edson College of Nursing and Health Innovation provides a first-class education for more than 5,000 undergraduate and graduate students with nationally ranked programs and an emphasis on community involvement. The ASU College of Health Solutions brings together researchers, faculty, students and community partners from a variety of disciplines to translate scientific research and discovery into practical solutions. ASU Health will drive enrollment growth in these two colleges in support of its goal to increase the number of healthcare professionals in the state.
- **Mayo Clinic and Arizona State University Alliance for Health Care** - The alliance is a collaboration between Mayo Clinic and ASU. The mission is to improve the science of healthcare delivery and practice while advancing patient care.

ROLE OF THE DEAN

Serving as the chief architect, executive, and intellectual leader of the School of Medicine and Advanced Medical Engineering, the Dean will be responsible for building and ensuring excellence in medical

education, research, and clinical care. The Dean will be a key player in managing the School's relationships with key clinical partners.

The Dean will report dually to the Executive Vice President of ASU Health and the Executive Vice President and University Provost. The Dean will be responsible for all components of the School in line with applicable requirements of the LCME and other accrediting bodies.

KEY OPPORTUNITIES AND CHALLENGES FOR THE DEAN

Realize ASU's vision for a pioneering School of Medicine and Advanced Medical Engineering

Capitalizing on a strong foundation of careful planning, the Dean's first task will be to bring the University's bold plans for the School of Medicine and Advanced Medical Engineering to fruition by successfully enrolling the School's first cohort in the fall of 2026. To accomplish this goal, the Dean must work closely with University leadership to set strategic and actionable priorities for the School in support of ASU Health's goals, develop key partnerships, build a student-centric environment, and successfully work with current ASU Health leaders to guide the School through the accreditation process, with the site visit upcoming in September 2024 and preliminary accreditation expected in March 2025.

Establish and strengthen collaborations with robust health programs already present across ASU

ASU Health is a highly matrixed, cross-functional, and interdisciplinary organization, with individuals from across ASU taking part in the planning and execution of its various goals. The Dean must recognize the potential of this model and make efforts to quickly and proactively taking a leading role in building relationships across ASU. The Dean will think strategically about joint initiatives that can advance the School's goals and leverage assets across the University that can help accelerate the impact of the School. In particular, in designing a new health enterprise from the ground up, ASU is positioned to be a leader and model for interprofessional education, and the School will work in collaboration with other health professions to ensure training reflects the modern healthcare team. Many of the School's faculty will hold joint appointments with other schools and colleges across campus related to shared research and education activities; the Dean must have the administrative and negotiation skills to navigate deftly within this structure to ensure that the School is positioned for success.

Deepen clinical partnerships and strategically lead additional network development

One of ASU Health's key objectives is to triple clinical partnerships in the region by expanding ASU's footprint in ways that maximize impact. To support this goal, the Dean will work closely with the Executive Vice President of ASU Health to develop new clinical partnerships in the region to train students. Additionally, the Dean should be proactive in engaging the vibrant entrepreneurial ecosystem across the greater Phoenix region and Arizona, leveraging existing and fostering new industry partnerships and collaborations, which are essential aspects of its distinctive identity to advance medical technology.

Expand community access to quality healthcare and improve outcomes regionally

Arizona ranks near or in the bottom quartile of many health system performance indicators, including No. 32 overall, No. 44 in access and affordability, and No. 41 in prevention and treatment. ASU Health's primary aim is to address these outcomes by expanding access to quality healthcare in the region. The Dean will play a major leadership role in tackling this challenge over the next decade by positioning the School to increase significantly the production of highly trained physicians, physician-scientists, and physician-engineers who are committed to serving the Arizona population. The School will contribute to ASU Health's primary goal of advancing health equity, healthcare access, and health education in Arizona by collaborating with other units to ensure a coordinated and multifaceted strategy that addresses the economic, social, and cultural factors that impact health of the community it serves as well as providing exceptional clinical programs.

Champion the School's early successes and clearly articulate its role in the region and beyond

The School of Medicine and Advanced Medical Engineering is cutting-edge and groundbreaking in its approach by integrating medicine, health humanities, biomedical science, and engineering into one first-of-its-kind curriculum. As the School's founding leader, the Dean must have the uncanny ability to articulate and champion this model to a range of audiences, effectively broadcasting the successes and innovations emerging during the School's early years. As a healthcare leader in the state, the Dean will be looked to as a thought leader on pressing issues by executive and legislative leadership, as well as other key stakeholders in the state, region, and nation. In this capacity, the next Dean will be a critical advocate for the School and its interests, as well as for the wellbeing of the population it serves.

QUALIFICATIONS AND CHARACTERISTICS

Because this is an inaugural role in a large university and in a complex healthcare landscape, the successful candidate's experience must demonstrate a history of entrepreneurship and comfort with ambiguity and should include progressive administrative responsibility in environments that rely upon vision, teamwork, planning, delegation of authority, and measures of accountability. The preferred candidate must demonstrate the following:

- A terminal degree (MD, MD/PhD, or equivalent) with an exceptional academic profile in academic medicine and a significant administrative leadership track record of integrity, service, and achievement commensurate with the rank of tenured, full professor is required;
- A degree (BS, MS, PhD, or equivalent) in Engineering or a related field is strongly preferred;
- A strong academic background in the field of medicine as well as the field(s) of engineering, technology, or other STEM disciplines with a focus on entrepreneurship, innovation, and medical education.

The successful candidate should demonstrate many, if not all, of the following:

- Demonstrated commitment and ability to translate [ASU's charter](#) and [ASU Health's](#) dedication to [inclusive excellence](#) into action;
- A history of effective leadership in academic, administrative, or healthcare settings, including prior experience as a dean, senior associate dean, associate dean, department chair, program or institute director, or other equivalent administrative roles;
- Successful experience in administrative leadership, including strategic planning, sound fiscal management, and personnel management;
- Knowledge and previous active participation in the Liaison Committee on Medical Education (LCME) accreditation process. The ASU School of Medicine and Advanced Medical Engineering has an accelerated timeline to seek LCME accreditation with the goal of admitting its first class by fall 2026;
- Significant clinical experience, including a distinguished record of clinical practice, research, or teaching within the medical field;
- Considerable experience in medical education and innovative curriculum development with a demonstrated commitment to and accountability for student success, student learning, continuous quality improvement, and willingness to leverage new learning modalities and tools to enhance student learning outcomes;
- Experience launching or leading a new medical school;
- Demonstrated commitment to research as evidenced by strong research and scholarly accomplishments and the ability to promote and support faculty research growth, research activities, research infrastructure, and the translation or facilitation of research findings into clinical practice;
- Demonstrated track record of securing philanthropic support through successful fundraising and development efforts with individuals, private investors including but not limited to corporate partners and foundations, and government (federal, state, and local) sponsors in order to develop and grow medical school programs and research;
- A collaborative, personable, and multi-faceted leader who possesses strong interpersonal and listening skills that allow for open, honest, and genuine communication with a variety of constituents and stakeholders, as well as the ability to effectively communicate and articulate the vision for the School of Medicine and Advanced Medicine Engineering;
- Demonstrated interest in incorporating the humanities and interprofessional education into the medical school curriculum while promoting interprofessional relationships across the University for students, staff, and faculty;
- Demonstrated ability and commitment to social embeddedness and engagement with community members and other constituents;
- Dedication to improving the health outcomes of Arizonans through enthusiastic partnership with ASU leadership, faculty, staff, staff, and alumni, as well as patients, community members, community partners, business leaders, donors, and elected officials;

- Demonstrated interest and aptitude at integrating medicine with public health and community health;
- Demonstrated evidence in advancing innovation and entrepreneurship within medicine.

LOCATION

This position is located in Tempe, Arizona. To learn more about Tempe and the greater Phoenix area, please see Appendix II.

APPLICATIONS, INQUIRIES, AND NOMINATIONS

Screening of complete applications will begin immediately and continue until the completion of the search process. For best consideration, please apply by January 5, 2024. Inquiries, nominations, referrals, and CVs with cover letters should be sent via the Isaacson, Miller website for the search: <https://www.imsearch.com/open-searches/arizona-state-university-school-medicine-and-advanced-medical-engineering/dean>. Electronic submission of materials is required.

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Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/ Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. For more information, please visit: <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police at 480-965-3456.

APPENDIX I: ABOUT ARIZONA STATE UNIVERSITY

Arizona State University is leading a bold reinvention of higher education as the New American University. ASU has thrived on an unprecedented combination of academic excellence, entrepreneurial energy, and broad access, and the University's Charter, adopted in 2014, reflects that vision: *ASU is a comprehensive public research university, measured not by whom it excludes, but by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves.*

This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural, and environmental health of the communities it serves. Its research is inspired by real-world applications blurring the boundaries that traditionally separate academic disciplines.

Since 2004, ASU has become a global leader in sustainability efforts—creating the Global Institute of Sustainability, launching the first School of Sustainability in the country, deploying the largest solar energy portfolio of any university in the U.S., and more. In 2023, ASU joined the prestigious Association of American Universities, highlighting its position as one of the nation's preeminent research universities.

In fall 2023, ASU projects record enrollment with more than 144,800 undergraduate and graduate students, with nearly 80,000 joining on one of ASU's campuses and locations, and more than 65,400 enrolled online — the largest ASU Online enrollment in University history, demonstrating the University's commitment to educational access and providing world-class education at scale. Out of more than 59,000 Arizonans enrolled, ASU will welcome nearly 16,500 first-year, transfer, and graduate students from Arizona. Beyond the home state, ASU continues to draw students from all U.S. states and 157 countries. One in three on-campus undergraduates are the first in their families to attend a college or university. And, out of all ASU's undergraduates, one in four identifies as Hispanic/Latino, totaling more than 27,000 students. Those growing numbers follow a year where ASU was recognized as a Hispanic-Serving Institution, earned a second [Seal of Excelencia](#) by [Excelencia in Education](#), and joined the [Presidents for Latino Success](#).

To learn more about ASU, see www.asu.edu.

APPENDIX II: GREATER PHOENIX

Bioscience Core

Biomedicine is one of the fastest growing fields in both research and health care, and the [Phoenix Bioscience Core](#) is home to some of the highest concentrations of research scientists and complementary research professionals in the region. Experts in precision medicine, genomics, molecular medicine, cancer research and health care analytics converge and collaborate, all while drawing on the wealth of resources offered by one of the fastest growing research institutions in the nation.

Business and Industry

Arizona is home to a surging industrial ecosystem, early-stage entrepreneurs, and tech-savvy millennial talent who are breaking new ground across a wide range of industry growth sectors. What's more, Arizona offers a robust portfolio of programs and resources supporting both large and emerging tech companies. The state's rich startup culture continues to thrive and is a preferred choice for technology companies seeking growth. Leading startups have collectively taken advantage of Arizona's high-skills talent base. Arizona's solid reputation and assertive stance on innovation led Fast Company to rank Arizona No. 1 in the country for "entrepreneurial activity."

Climate

Enjoy 300 days of sunshine a year and an average temperature of 76 degrees.

Arts and Culture

Greater Phoenix is a rich arts and culture environment with diverse museums, theater, concert halls, and cultural centers, such as the renowned Heard Museum, Phoenix Art Museum, Arizona Science Center, Phoenix Symphony, Arizona Opera, Ballet Arizona, and the Arizona Theatre Company.

Outdoors

Phoenix has a number of lakes just a short drive away, offering opportunities for boating, sailing, windsurfing, water and jet skiing, fishing, and more. The area is home to dozens of parks and preserves — both in and around the city — with hundreds of miles of multiuse trails for hiking and biking. The state is home to three national parks, including the Grand Canyon and other popular destination spots like Sedona.

Sports

All four of Arizona's major professional sports teams — Arizona Cardinals (NFL), Phoenix Suns (NBA), Arizona Diamondbacks (MLB), and Arizona Coyotes (NHL) — call the metro Phoenix area home, as do the Phoenix Mercury (WNBA), Arizona Rattlers (IFL) and Phoenix Rising FC (USL). The area has over 170 golf courses.

Cost of Living

Greater Phoenix offers the diverse amenities of a major metropolitan region without the high cost of living. As the fifth largest state in the U.S. and one of the most dynamic and rapidly growing regions in the nation, living and working here is both exciting and affordable.

Low Tax Position

Low personal income taxes and low effective property tax rates offer affordability and opportunities for everyone to thrive.