

The [Ira A. Fulton Schools of Engineering](#) at [Arizona State University](#) (ASU) and the [School of Biological and Health Systems Engineering](#) seek applicants for a position of Professor of Practice for the development and implementation of a Master's (MS) Program in Medical Technology. The role of the Professor Practice is multifaceted and pivotal in shaping the academic excellence of our Master's program. The Medical Technology MS accelerated one-year Master's program involves intense clinical experiences and education in which students engage with clinicians and engineering faculty to design and innovate solutions to ongoing medical problems. Collaborating closely with the MS program team, additional faculty, and other stakeholders, the Professor of Practice will guide and take part in a comprehensive curriculum that prepares students for real-world challenges. This involves maintaining academic excellence through mentorship of students, creating and crafting courses, workshops, and expert lectures, inviting experts to contribute lectures, and ensuring our graduates are well-prepared to navigate the complexities of their future careers.

Beyond ensuring curriculum excellence, the Professor of Practice bridges three distinct cultures within the MS program: Entrepreneurship, Medicine, and Engineering. The Professor of Practice adeptly weaves these various cultures into our program, fostering interdisciplinary understanding. Furthermore, the Professor of Practice actively builds and maintains partnerships with stakeholders in medicine, industry, and other organizations that support healthcare innovation. Financial stewardship, innovative strategies for continuous improvement, dynamic leadership, dedication to building balanced consensus among the team, and creativity and excellence are all paramount to the success of the Professor of Practice.

Qualifications

Required qualifications:

- Earned M.S., M.D., or Ph.D. in a related field and 10 years of related experience in technical or scientific endeavors.

Desired qualifications:

- Degree or certification in a Medical Technology Innovation program
- Demonstrated experience in mentorship, teaching, and curriculum design
- Demonstrated roles in leadership and management
- Experience in engineering, design, and manufacturing
- Knowledge of healthcare systems and/or clinical experience and/or medicine
- Experience establishing and maintaining effective working relationships and establishing and facilitating work teams
- Experience with critical thinking & problem-solving skills
- Evidence of effective communication skills effective with a broad and varied audience
- Experience fostering partnerships and developing an understanding of needs, issues, and problems across organizations and stakeholder groups
- Experience with grant management skills, monitoring, and evaluation
- Experience in planning and facilitating meetings and events
- Demonstrate effective decision-making and problem-solving skills; ability to think tactically and strategically

Application Instructions

Application deadline is September 6, 2024. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled. To apply, visit <https://hiring.engineering.asu.edu/> and select "apply now" next to the corresponding position. Candidates will be asked to create or use an existing Interfolio Dossier to submit the following:

- Cover letter
- Curriculum Vitae
- Contact information for three references

The ASU Charter states, "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." The Fulton Schools of Engineering are dedicated to cultivating excellence, delivering innovation that matters, encouraging bold thinking, fostering a community of learning and collaboration and building a foundation for all to be successful. Applicants are encouraged to address how their past, current and future activities align with the ASU Charter and Fulton Schools of Engineering values in their application materials.

For additional information regarding position specifics, please contact the search committee chair, Dr. Heather A. Clark (Heather.Ann.Clark@asu.edu).

Equal Employment Opportunity Statement

A background check is required for employment. 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. (See <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>.)