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**ABSTRACT:** The career opportunities for students of bioengineering, whether in academic study, medical device or pharmaceutical development are diverse, and entrepreneurship with success in each of these continues to be well rewarded in the United States. Although the ability to obtain Federal research grant funding has increasingly become more difficult, researchers and small businesses have adapted to a more strategic approach. Their proposals encourage more of an emphasis on the tangible benefits for human and animal health. In the private sector, financial investment in innovative technology and fledgling biotechnology companies continues to be strong, with increasingly more competition. Investment pitches have become more focused to the rapid development, approval and deployment of safe and effective products, enabling equally rapid investment returns. In this sector, mergers and acquisitions on the one hand, and company demise through lack of investment or failed products are not uncommon. This contrasts with the relative stability of academia. Within this landscape, scripting a personally rewarding career path in biomedical science and engineering can be daunting. However, there are some considerations that can be made early, and throughout a bioengineering career to preserve potential career opportunities for as long as needed.