

Biochemical engineering has a rich history of contributions to human health, and to the chemical engineering profession as well. From a definition and blossoming of the field in the 1960's the field radiated with the advent of rDNA in the 1980's, and apparently (?) reached a maturation phase in the 2000's. With this has come a shift away from the traditional process development and manufacturing emphasis, with altered training and funding for academics. Where are the future opportunities in biopharmaceuticals, and where should the field go? This talk will discuss current challenges in biologicals development and production, and give a perspective on the future of biochemical engineering for the biopharmaceuticals industry.