

## CORNELL

## Vision

Quantitative understanding of the human body across scales:

from atom to Eve, from gene to Gene

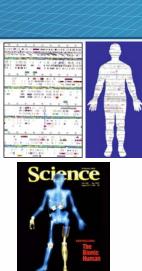
## **Grand challenges**

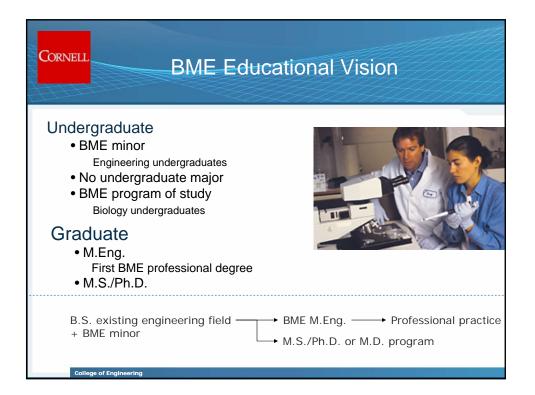
College of Engineer

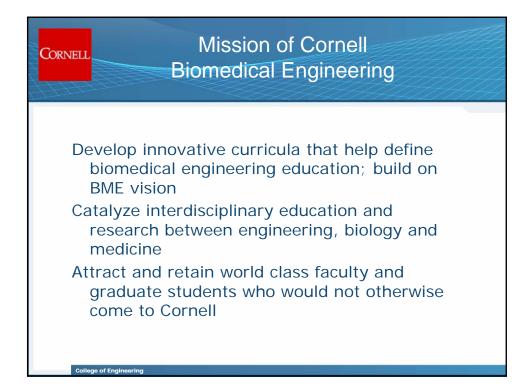
•Can we replace and regenerate organs and tissues to treat arthritis, heart disease, and spinal cord injuries?

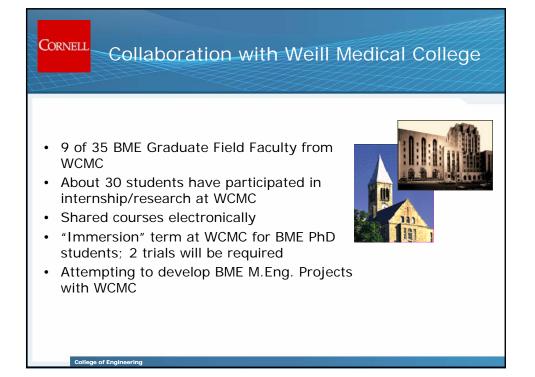
•How do we design and deliver drugs to treat Alzheimer's, cancer, circulatory problems and liver failure?

•Can we develop advanced diagnostic tools to detect vascular disease, infectious agents, and osteoporosis?

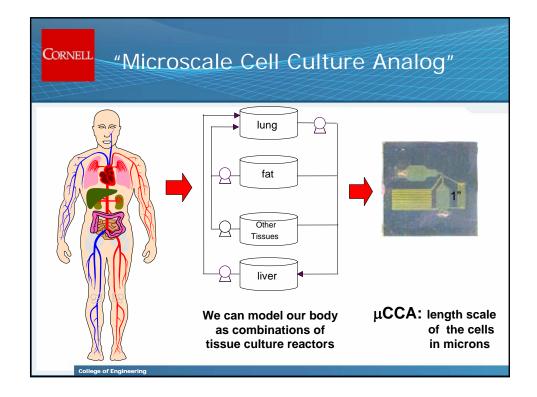


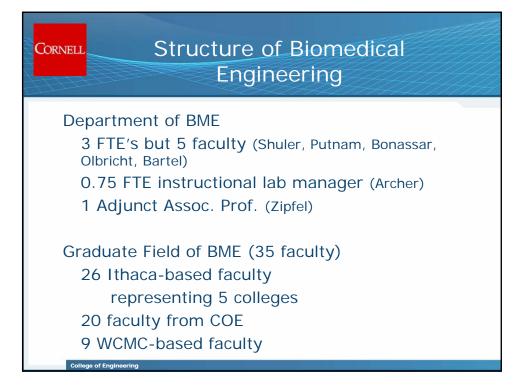


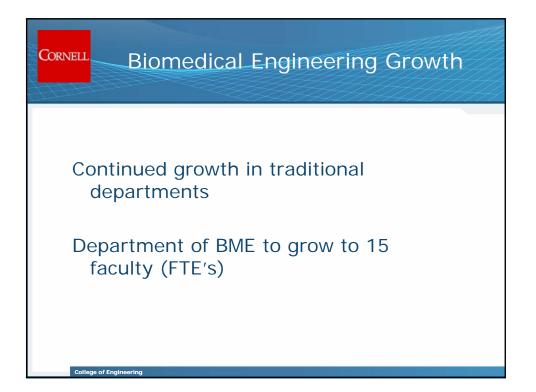












Cornell Impact on Students			
Enrolled Graduate Students			
MS/PhD	9	(2002)	
(Approved 1997)	18	(2003)	
	24	(2004)	
		:	
	75	(2012)	
M.Eng. (BME)	8	(2004)	
		:	
	45	(2012)	
College of Engineering			

