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years, as the discipline  
of biomedical  
engineering has  
evolved, it has become

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clear that it is a  
diverse, seemingly all-  
encompassing field  
that includes such  
areas as bioelectric  
phenomena,  
bioinformatics,  
biomaterials,  
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professor emeritus in the College of Engineering at the University of Wisconsin-Madison. He last taught Biomedical Engineering 310: Introduction to Bioinstrumentation during spring 2015. He first proposed the idea of electrical impedance tomography as a medical imaging technique in a publication in 1978.

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biotechnology,

computational biology  
and complexity,

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Biomedical

instrumentation and engineering is the application of knowledge and technologies to solve problems related to living biological systems. It involves diagnosis, treatment and prevention of disease in human. As the medical field is emerging, the area of

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1. Introduction to Biomedical Engineering” by John Enderle and Joseph Bronzino
2. Medical instr...



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## **What are some good books around biomedical engineering ...**

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and create new  
medical equipment  
that can improve our  
quality of life.

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Biological engineering  
(also biosystems  
engineering and  
bioengineering) deals  
with engineering  
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general. It is a broad-  
based engineering  
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Datta, A.K. and V. Rakesh. 2010. An Introduction to Modeling of Transport Processes: Applications

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