

Joint Graduate Program in Biomedical Engineering

In Honor of Black History Month Welcomes

Dr. James E. West

Presents

**“Major Contributions And Achievements By Black
Scientists, Past and Present”**

Friday, February 17, 2023; 3:30 pm EA 203

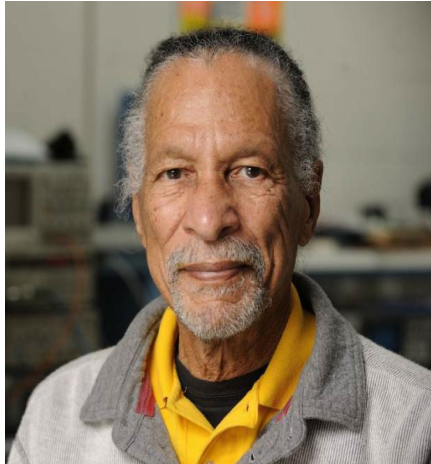
Attendance is mandatory for Joint Program Students

[Access through Zoom:](#)

<https://memphis.zoom.us/j/88978693759?pwd=ZUpBQUlyc2pYZkk4TDUxRTNTVU9TUT09>

Meeting ID: 889 7869 3759

Passcode: 314010



Biography:

- Dr. West studied physics at Temple University in Philadelphia, 1953 to 1957. While there, he spent his summers working as an intern for the Acoustics Research Department at Bell Laboratories in Murray Hill, New Jersey. After completing his bachelor's degree in physics, he was hired to work full-time at Bell Laboratories and continue development on his projects. In 1962, along with colleague Gerhard M. Sessler, Dr. West was responsible for the co-invention of the foil-electret microphone; a technology upon which 90 percent of all microphones are based today. Dr. West has more than 250 international patents, has contributed to a large number of technical papers and books, and has received various awards as a scientist, engineer, and mentor.
- Since 2001, Dr. West has been a research professor at Johns Hopkins University in the Whiting School of Engineering's Department of Electrical and Computer Engineering. His research focuses on improving stereophonic audio transmission and decoding technology for Internet teleconferencing and new microphone transducers. Dr. West's greatest passion is inspiring and empowering students to pursue their interests in STEM.

