



TEXAS TECH UNIVERSITY

Edward E. Whitacre Jr.
College of Engineering™



Goldwater Scholars: Guiding Your Students to Earn this Prestigious Award

DR. BRUCE A. JACKSON

PROFESSOR AND CHAIR, BIOTECHNOLOGY DEPARTMENT
MASSBAY COMMUNITY COLLEGE

FRIDAY, APRIL 3, 2:30 P.M.

WINKLER AUDITORIUM (110)
TERRY FULLER PETROLEUM
ENGINEERING RESEARCH BUILDING

PRESENTATION INFORMATION:

How has a small Massachusetts Community College produced more Goldwater Scholars than most universities in the nation?

Meet Dr. Bruce Jackson, who will share his best practices on how to guide your research students to become Goldwater recipients. He has produced 20 Goldwater award winners at a community college in the last 20 years!

BIOGRAPHY:

Dr. Bruce A. Jackson received his Bachelor of Science in Biology from the University of Houston; his Master of Science Degree in Genetics from the University of California, Davis; a Master of Science Degree in Cell and Molecular Biology from Brandeis University, and his Doctorate in Biochemistry from the University of Massachusetts Lowell. He did his post-doctoral training in the Department of Biochemistry at Boston University School of Medicine and was appointed to the Research Faculty there in 1993.

Also in 1993 Dr. Jackson also received an appointment as Head of the Biotechnology Programs at Massachusetts Bay Community College. In the ensuing eighteen years, the Biotechnology Program under Dr. Jackson has become one of the most celebrated undergraduate science programs in the nation and has produced more Goldwater Scholars than all of the community colleges in the United States combined; and most four-year institutions. His Biotechnology Program also houses the only Forensic DNA Science degree program in the world.

Dr. Jackson is also a member of the Research Faculty in Biomedical Engineering and Biotechnology at the University of Massachusetts Lowell. There Dr. Jackson's research team traces the paternal and maternal lineages of African-Americans and American Jews using DNA. Dr. Jackson is also a world-renowned forensic DNA scientist and conducts criminal and missing-person cases for the FBI and police departments worldwide as well as serves as scientific consultant for defense attorneys in the United States. His DNA research has been featured widely in the world media including Good Morning America, CBS Evening News, CNN, Washington Post, NPR, Fox Television, New York Times, Chicago Tribune, La Express (Paris, France), and PBS.

Dr. Jackson has won numerous awards for his achievements for his work as a scientist and science educator including a 1995 National Science Foundation CAREER Award, a 2008 Fulbright Award and 2009 The Presidential Awards for Excellence in Science, Mathematics, Engineering Mentoring that was awarded to him at the White House by President Obama in January 2011.

April 3 2:30 p.m.