Do you want to change the world? Sounds like a lot of work, but materials scientists and engineers do it every day.

Materials science and engineering is exactly what it sounds like–the study of the materials that compose objects we use in our daily lives. If you look around, you will see evidence of materials science research everywhere, from the computer you use for homework to the components of powerful and reliable jet engines.

The field of materials science and engineering provides infinite possibilities for your future and offers unique career opportunities for creative and innovative people. Since there is a constant need for new and better materials, the job market for materials scientists and engineers is very promising.

The **Department of Materials Science and Engineering** (MSE) at the University of Tennessee's College of Engineering is one of the best in the Southeast. Many of our professors are affiliated with Oak Ridge National Laboratory (ORNL) and are world leaders in materials research.

As a student in UT's MSE program, you will enjoy the benefits of a thorough, interdisciplinary education including design, mechanics, chemistry, physics, mathematics and electronics. You will experience "hands-on" learning through laboratory classes that introduce advanced processing and testing techniques.

Inside we've compiled some information about several of our MSE graduates who are already changing the world. Take a look and see if you are ready for the challenge!

THE UNIVERSITY of TENNESSEE

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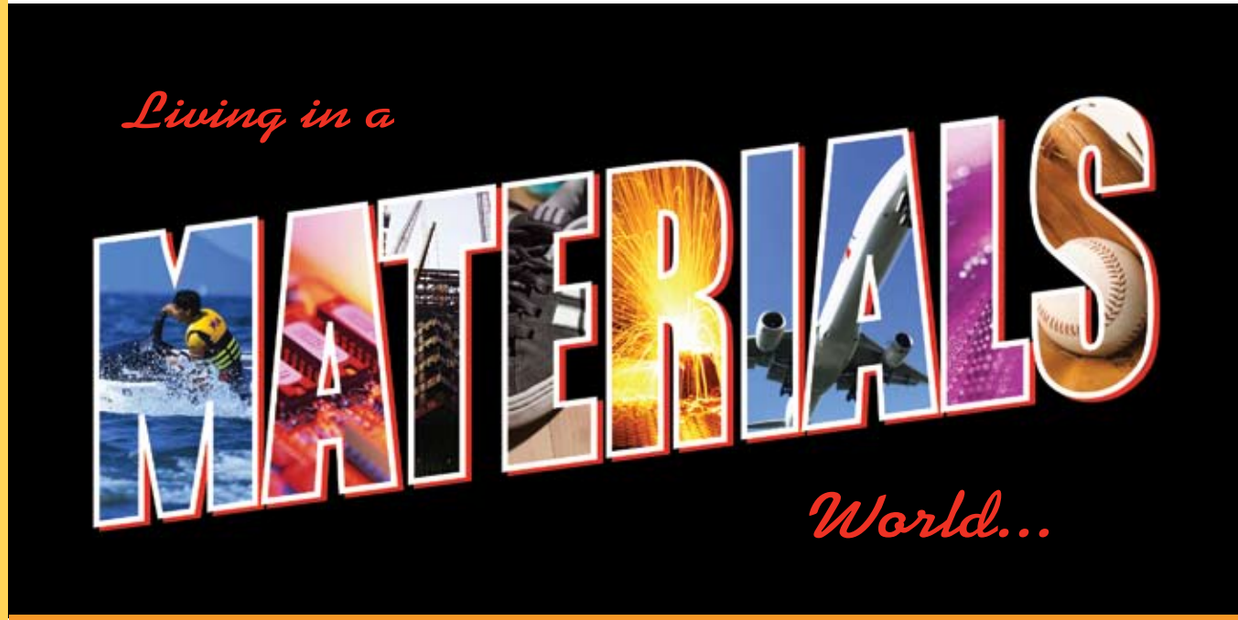

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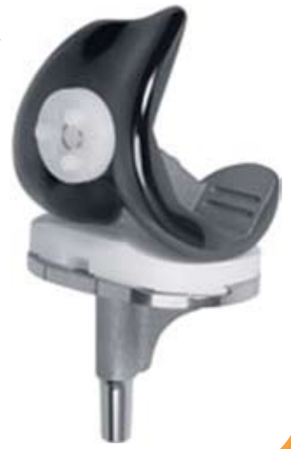
Changing the WORLD Every Day

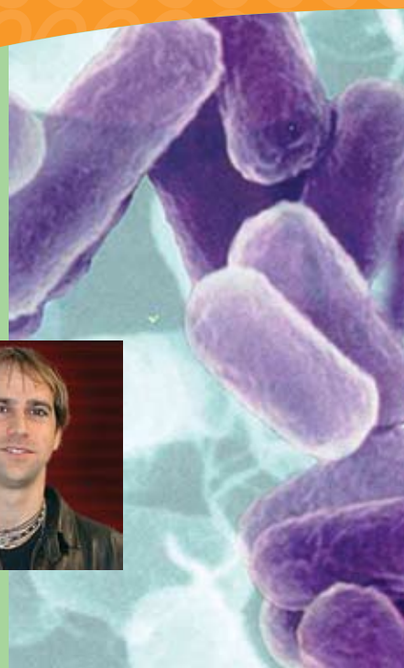
Neal Oldham is a Senior Process Engineer who designs materials fabrication processes for memory applications at Intel. Materials are important to the wireless communications and wireless industries.

Regina Holmes is developing bio-absorbable composites by fusing biocomponent polymer fibers. Regina is a project planning manager for the Orthopaedic Reconstruction Business Unit of Smith and Nephew, an advanced medical device manufacturer.



James LaManna determines the performance characteristics of materials used to manufacture solid rocket motors at Allian Techsystems, the industry leader in the production of solid rocket motors for NASA and the Department of Defense. Materials allow breakthroughs in aerospace applications.

Kristin Yoder works in the Cardiac Rhythm Management department of St. Jude Medical, a cardiac device company. Materials are key components in biomedical applications.



Jason Fowlkes conducts research in bio-inspired nanomaterials as a member of the Molecular-Scale Engineering and Nanoscale Technologies group at Oak Ridge National Laboratory. Nanoscale technologies is a rapidly growing field for materials research.

GRADUATES OF THE UT DEPARTMENT OF

Materials Science and Engineering

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