



Est. 2006

University of Dayton

***Center for Tissue Regeneration
& Engineering @ Dayton***

~ RESEARCH COLLABORATION ~

~ ACADEMIC & RESEARCH TRAINING ~

~ TECHNOLOGY TRANSFER ~



(rev. 5/2007)

~ Mission & Goals ~

The University of Dayton's *Center for Tissue Regeneration & Engineering at Dayton* (TREND) aims to understand the basic biology of how damaged tissues and organs can regenerate. Given the ability of cells in the body to participate in repair, it is imperative to understand how to harness such a property at will. In this respect translating these basic concepts to engineer tissues might solve problems associated with poor regeneration and artificial tissues.

The Center is committed to interactions with prominent scientists in the field, by inviting them to Campus and by establishing the Emerging Technology Forum, for active discussions of new ideas. The Center's focus areas include research collaboration, advanced academic & research training, and technology transfer.

RESEARCH COLLABORATION

The first goal of the Center is to establish collaborations between UD faculty and research scientists and engineers in the area of tissue regeneration and bioengineering. The interests of the Center are in eye, bone and ear regeneration and engineering. However, the Center welcomes new ideas and collaborations in any aspect of tissue engineering. The Center also aims to establish collaborations with other institutions and industry in the region as well as nationally.

ADVANCED ACADEMIC & RESEARCH TRAINING

The second goal of the Center is to provide advanced academic training in this field leading to MS and Ph.D. degrees as well as to provide opportunities for undergraduate research with the Center faculty.

TECHNOLOGY TRANSFER

The third goal of the Center is technology transfer. The applications, techniques and tools developed by the Center will be available to be commercialized by the biotechnology, pharmaceutical and health care industries.

For more information, please contact:

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