

Technology Transfer & Intellectual Property News

From the University of Kansas
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New Invention Disclosures

University of Kansas Lawrence Campus

“Multiple-Channel Scanning Probe Microscopy”

July Wu, Physics & Astronomy

This is a new device that can be used for surface characterization of a large variety of samples, including superconductors, semiconductors, metals, ferroelectrics, dielectrics materials, etc. The novel feature of this invention is that it uses a multi-layered probe design, with each layer serving as a channel for a different applied signal. This allows imaging/mapping of two or more different sample properties at exactly the same pixel simultaneously. This ability makes this invention a very versatile diagnostic tool for material research.

University of Kansas Medical Center

“Nurse-Midwifery Outcome Database”

Marta Skalacki, BA, Ginger Breedlove, CNM, Ph.D.,
School of Nursing.

The "Nurse-Midwifery Outcome Database" is a new software developed by researchers at the School of Nursing. This new software will enable creation of a centralized database that comprises a repository of unnamed patient data about pregnancy care and well-woman health. The data can produce three types of outcome: 1) documentation of nurse-midwifery student clinical competency, 2) demonstration of level of service to the community by a nurse-midwifery practice, and 3) data/results of research of various nurse-midwifery issues including quality of patient care. The software can be used by private or public nurse-midwifery practices, and other practices such as OB/GYN practices that employ nurse-midwives, and nurse-midwifery educational programs that link to practice sites for student clinical experiences.

FACULTY/STAFF Mark your Calendar!

Upcoming Event: Campus Research Community:

“Understanding the Basics of Entrepreneurship within the University”

KU Lawrence Campus, March 25, 2003, 1:00 – 6:00 PM,
Jayhawk Room, Kansas Union.

KU Medical Center, April 17, 2003, 1:00 – 6:00 PM, Lied
Auditorium.

This seminar will offer an overview of science and technology commercialization issues ranging from intellectual property and technology transfer concepts to business-formation strategies and experiences. This half-day afternoon session is free and open to the faculty research community. Topics will include Issues in Technology Transfer and Intellectual Property, Business Assistance Resources, Financing for Start Up Technology Companies, Moving the Technology From Academia to the Marketplace, and Entrepreneurship. The Agenda will be sent via email to faculty on both campuses at a later date.

ELearning Creations, Inc.

New Start-Up Company From the Lawrence Campus

ELearning Creations, Inc. was formed to commercialize technologies developed within the Center for Research on Learning (CRL). Drs. Ed Meyen, Don Deshler and Ron Aust are leaders in creating ELearning products for the special education market.

ELearning Creations' initial strategy includes a partnership with a major special education publisher to produce a 10 course on-line series to certify special education teachers. The backbone of this product was developed by the CRL team and was part of the highly successful On-Line Academy and the e-Learning Design Laboratory. The product has been further enhanced by the inclusion of content directly related to the recently established standards by the Council for Exceptional Children.

The company will also market the licensed content from the University for the purposes of providing continuing education opportunities for teachers seeking to retain their special education certification. As the company grows, it is the intent of the founders to expand into other markets where the technology created by the CRL team can be easily replicated.

David Richter is Chairman of the new venture and Susan Catts serves as its President. Both are affiliated with IPMG, LLC, an organization founded by Mr. Richter.

A special thank you to Susan Catts of ELearning Creations, Inc, and Jennifer Hsieh and Cynthia Beall for their contribution to this Newsletter.

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