In this half-day possibility conference we will explore the design of products that aid in the rehabilitation of people with physical disabilities. Topics include rehabilitation research, the art of invention, the engineering of rehabilitation, the translation from invention to business, the mystical process for approval of medical devices, and the joys of intellectual property. Speakers will include clinicians, engineers, artists, business leaders, entrepreneurs, lawyers and federal regulators. Our goal is to bring together people from various backgrounds to stimulate interest in developing wondrous technologies to benefit those in need of physical rehabilitation.

AUDIENCE:
• Students (engineering, rehabilitation sciences, business/entrepreneurship, art, kinesiology, biology, etc.)
• Faculty
• Clinicians
• Experts from industry

SPEAKERS INCLUDE:
• Changing the world through rehab design: Africa, Bangladesh, Bolivia and beyond (Roger Gonzalez, LIMBS International)
• Rehabilitation engineering inventions: from the lab to the company (Joe Hidler, CEO of Advanced Rehabilitation Technologies (Aretech) and National Rehab Hospital)
• Good invention is more than engineering: the art of design (Janet Hethorn—Director of Delaware Design Institute)
• The joys of intellectual property and technology transfer (Joy Groswami—UD Office of Economic Innovation and Partnership)
• Intrapreneurship and entrepreneurship (John Rabolt, UD Prof of course in Engineering Entrepreneurship)
• The mystical process for FDA approval of medical devices (Joel Myklebust, FDA Deputy Director for Science Evaluation and Coordination)
• Support for inventors in the state of Delaware: Fostering creative design and inventions (Alan Levin, Director of DEDO—State of Delaware Economic Development Office)
• UD “Rehabilitation” faculty involved with design:
  • Jenni Buckley—Device design for medical industry
  • Sunil Agrawal—Robots and gadgets for fun and profit
  • Cole Galloway—Changing the lives of children by playing with toys!