December 24, 2009

Biomedical Engineering

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William Craelius Address:State Address:Contribute to Biomedical Engineering at Rutgers.Milliam Craelius Address:Address:617 Bowser Road, Room:124, BME Building Phone:732:445-2369Phone:732:445-2369Email:Craelius@rci.rutgers.eduOur laboratory is involved with a variety of topics: cellular electromechanical transduction, membrane biophysics, prosthetic development of a novel control interface for a multi-finger robotic prosthesis, and the development of assays for cellular physical properties using nano-flow surfaces with application to cancer and angiogenesis.Latest NewsRecent Papers:1.Craelius, W, The Bionic Man: Restoring Mobility Science 295; 1018-1021 (2002).Courcle DJ, Flint J, Craelius, W, An Algorithm for Linear Filtering of Tendon- Activated Pneumatic Sensor Data for Control of a Biomimetic Prosthetic Hand IEEE Transactions on Rehabilitation Engineering 9; 69-75 (2001).The Laboratory for Computational Imaging and Bioinformatics (LCIB) updateJ. Abboudi, R, Glass, C, Newby, NA, Craelius, W, A biomimetic controller for a development of a solution Engineering 7; 121-129 (199).The Laboratory for Computational Imaging and Bioinformatics (LCIB) at Rugers, Hospital at University of Pennsyvania, and the Digital Pathology company. Bioinagene, have just signed	Home Intro	People	Education	Research	Industry	News	RU Home	
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