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Creating Devices for Personal Health Monitoring

D. Joseph Jerry
University of Massachusetts - Amherst, jjerry@vasci.umass.edu

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Creating Devices for Personal Health Monitoring

CCTS Retreat, May 20, 2014
Institute for Applied Life Sciences
Equipment & Collaboratories to Accelerate Translation

http://www.umass.edu/ials/

Collaboratory spaces throughout
The Institute for Applied Life Sciences (IALS)

- **Protein misfolding diseases**
  - Alzheimer's
  - Huntington's
  - Parkinson's
  - Prion diseases

- **Cancer**
  - Blocking misactivation of signaling proteins
  - Promoting apoptosis

- **Anti-infectives**
  - Targeting pathogen specific homeostasis components

**Models to Medicine Center: Protein Homeostasis**

**Center for Personalized Health Monitoring**

**Center for Bioactive Delivery**

**Analytical/Biophysics**

**Big Data Analytics**

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David McManus, Asst Prof, Depts. of Medicine & Quantitative Health Sciences, UMass Medical Ctr, Worcester, MA

Patty Freedson, Professor and Chair, Dept of Kinesiology, University of Massachusetts, Amherst, MA

Christopher Salthouse, Dev and Linda Gupta Asst Prof, Dept. of Electrical Engineering, University of Massachusetts, Amherst, MA

Jeff Morse, Managing Dir., National Nano-manufacturing Network, Center for Hierarchical Manufacturing, UMass Amherst, MA
Center for Personalized Health Monitoring

A Vertically-Integrated Pipeline for Personalized Health and Biometric Sensors