Empowering Everyone’s Health
Collaboration of minds and ideas

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Mark Bachman, TLC: eHealth at UC Irvine
Highly interdisciplinary approach to health

- Information/computer sciences
- Psychology / social behavior
- Engineering
- Medicine
- Cognitive sciences
- Neurology, bio sciences

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Mark Bachman, TLC: eHealth at UC Irvine
“Music glove” integrates sensors and electronics into glove. This allows researchers and clinicians to monitor hand motion. The glove connects to a computer program that drives physical therapy regiment using music-based video games.

Project initiated by NIH, Broadcom Foundation, and UCI
Biofeedback with media
Use of physiological monitoring combined with computer generated imagery to produce relaxation states for improved pain and stress management.

Dr. Michelle Fortier

Projects initiated by UCI Center for Pain Management, Broadcom Foundation
**Technology and motivation**

Use of technology to establish and clarify goals, provide goal tracking, increase social rewards, and make healthy activity more pleasurable.

*Dr. Jutta Heckhausen*
Games with a purpose

Balance rehabilitation games (under development)
Thank You!

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