

## 2007-8 RERC on AMI – Senior Design Projects

### Accessible Weight Scale for Seated Users

**University: University of Toledo**

Project Title: Seated Accessible Weight Scale

Web Address: [homepages.utoledo.edu/kstrock](http://homepages.utoledo.edu/kstrock)

Team Members: Katherine Strock, Michael Taylor, Chelsea Worstall

Faculty Advisor: Dr. Ronald Fournier

**University: Texas A&M**

Project Title: Accessible Weight Scale for Seated Users

Web Address: [http://lena.tamu.edu/RERC\\_Competition2/index.html](http://lena.tamu.edu/RERC_Competition2/index.html)

Team Members: Mohammed Hemani, Akshay Khanna, Justin StroupAnthony, D.Anderson

Faculty Advisor: Zixiang Xiong

**University: Marquette University**

Project Title: ThinkTank

Web Address: <http://www.rerc-ami.org/ami/projects/d/2/2/ThinkTank/RERC-Competition/home.aspx>

Team Members: Kaitlyn Darcy, Chris Estes, Lacey Maiman, Mariel Ponseti, Kim Todd Faculty Advisor: Dr. Jack Winters

**University: University of Connecticut**

Project Title: Accessible Weight Scale for Seated Users

Web Address: <http://www.bme.uconn.edu/sendes/Spring08/Team9/index.htm>

Team Members: James I. Johnson, Patrick Tshilenge, Gregory Whitehouse

Faculty Advisor: Dr. John Enderle

### Accessible Pill Cap Dispensing/Cutting Device

**University: University of Connecticut**

Project Title: An Accessible Pill Cap Dispensing/Cutting Device

Web Address:

<http://www.bme.uconn.edu/sendes/Spring08/Team7/RERCcompetition.htm>

Team Members: Ashley Martin, Timothy Coons, Ryan Pogemiller, Christopher Falkner

Faculty Advisor: Dr. John. D. Enderle

**University: Texas A&M**

Project Title: Automated Medicine Dispenser

Web Address: [http://lena.tamu.edu/RERC\\_Competition/index.htm](http://lena.tamu.edu/RERC_Competition/index.htm)

Team Members: Brian Curry, Andrew Harnack, Chris Lundy, and Colin Vokes

Faculty Advisor: Zixiang Xiong

**University: University of Rochester**

Project Title : AccessAPill

Web Address: <http://www.seas.rochester.edu/SrDesign/2008/>

Team Members: John DiRaddo, Peter van Hoff, Bobby Milenovici, Boston Nyer, Julian Oshlag

Faculty Advisor: Kevin Davis

**University: Columbia University, Fu Foundation School of Engineering and Applied Science**

Project Title: "Capstone Industries: iQueue Pill Dispenser"

Web Address: [http://www.bme.columbia.edu/senior\\_design/08/iqueue/index.htm](http://www.bme.columbia.edu/senior_design/08/iqueue/index.htm)

(The requested files are under the tab "Competition Information")

Team Members: Kimberly Atiyeh, Pamela Bays, Charles Ekstein, Ashley Regazzi, Daniel Wong

Faculty Advisor: Professor Lance Kam

**University: University of California, Irvine**

Project Title: In-Home Automated Medication Management and Dispensing System

Web Address: [www.pillkeeper.com](http://www.pillkeeper.com)

Team Members: Brierley Josh Icuss, Mike Klopfer, Trevor Law

Faculty Advisors: William C. Tang, Abraham P. Lee

Industry Advisor: Brad Sargent

**University: University of Wyoming**

Project Title: Pill Cap Dispenser/Cutter

Web Address: <http://students.uwyo.edu/arcooper>

Team Members: Alyssa Cooper, Erica Weber

Faculty Advisors: Steve Barrett, Stanislaw Legowski, David Whitman, Scott Morton

**University: University of Wisconsin**

Project Title: UW PillCutter - RERC Accessible pill cutter dispenser

Web Address: <http://www.uwpillcutter.com>

Team Members: Max Michalski Joe Ferris Ashley Huth Bryan Fondrie

Advisor: Prof. Naomi Chesler

## **Accessible Incontinence Control Device**

**University: The University of Akron**

Project Title: Accessible Incontinence Control Device (Reliance Inc.)

Web Address: <http://biomed.uakron.edu/design/senior-design>

Team Members: Jason Frampton, Candice Maurer, Moline Prak, Dimitri Sokolov, Dave Warlop

Faculty Advisor: Dr. Mary C. Verstraete

**University: The University of Iowa**

Project Title: Bladder Pressure Monitor for Control of Urinary Incontinence

Web Address: <http://www.engineering.uiowa.edu/~sadavid>

Team Members: Sam David, Brenna Lewis, Erik Nylén

Faculty Advisor: Prof. Edwin Dove

**University: University of Connecticut**

Project Title: Accessible Incontinence Control Device

Web Address: <http://www.bme.uconn.edu/sendes/Spring08/Team8/index.htm>

Team Members: Erica Kramer, Yamalia Roberts, Zack Smith

Faculty Advisor: Dr. John Enderle

**University: Georgia Institute of Technology**

Project Title: Urinary Catheter Valve with Pressure Release Mechanism

Website: <http://gatechincontinence.wordpress.com/>

Team Members: Jonathan Horowitz, Sharon Horowitz, Kelly Straub, Jason Xenakis

Advisor: Dr. Muta Issa

**University: University of Wisconsin-Madison**

Project Title: Accessible Incontinence Control Device

Web Address: <https://mywebspace.wisc.edu/bschoepke/web/incontinence/index.html>

Team Members: Arin Ellingson, Marty Grasse, Jon Sass, Ben Schoepke, David Schurter

Faculty Advisor: Mitch Tyler

**University: Vanderbilt University**

Project Title: Accessible Incontinence Control Device

Web Address: <http://www.bme.vanderbilt.edu/srdesign/2007/group17/>

Team Members: Zachery Hawkins, Kristen Heck, Amy Klemm and Amanda Streff

Faculty Advisor: Dr. Paul King and Dr. Doug Milam

**University: University of Western Ontario**

Project Title: An Incontinence Control Device

Web Address: [www.eng.uwo.ca/lerc](http://www.eng.uwo.ca/lerc)

Team Members: Aida Kashigar, David Levin, Malgorzata Eva Makowski, Ghazaleh Namavarian, Dale Podolsky

Faculty Advisor: Dr. James Lacefield, Dr. Jim Johnson

**University: University of California, Irvine**

Project Title: Urinary Incontinence Detection Device

Web Address: <http://group2bme.googlepages.com/>

Team Members: Kinman Hong, Eric Lim, Paul Hwang, and Calvinn Wang

Faculty Advisor: Abraham P. Lee and William C. Tang

**University: The University of Toledo**

Project Title: Ur-in-Control

Web Address: <http://www.eng.utoledo.edu/~mgray/>

Team Members: Aaron Gorsuch, Matthew Gray, Sabrina Powers

Faculty Advisor: Ron Fournier