



News

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Alumnus Russ Angold Brings Award-Winning Bionics to Cal Poly Science Café on April 15

SAN LUIS OBISPO – Cal Poly Science Café welcomes Alumnus Russ Angold (B.S., BRAE '00 and member of the BioResource and Agricultural Engineering Industry Advisory Council) will present his story, “Bionics: Merging Man and Machine,” at 3 p.m. April 15 in the Kennedy Library’s Second Floor Café Lounge.

Angold is co-founder and chief technical officer of Berkeley Bionics (www.berkeleybionics.com). Based in Berkeley, Calif., and founded in 2005, Berkeley Bionics develops and manufactures wearable, artificially intelligent bionic devices called exoskeletons for military, civilian and medical uses that augment human strength, endurance and mobility and help prevent injury.

In 2008, Berkeley Bionics introduced HULC™ (Human Universal Load Carrier), an untethered exoskeleton that allows people to carry up to 200 pounds for hours. On Oct. 7, 2010, the company unveiled eLEGS, a wearable, artificially intelligent, bionic device that powers paraplegics up to get them standing and walking. TIME Magazine named eLEGS one of the best 50 inventions of 2010.

Participants will see the HULC exoskeleton in action at the April 15 event, as Cal Poly alumnus Russ Angold shows how the device helps soldiers. Faculty moderator Tom Mase, associate professor of Mechanical Engineering and director of the Quality of Life Laboratory, will provide perspective on how these technologies can help disabled veterans.

For more information about Cal Poly Science Café, visit <http://lib.calpoly.edu/sciencecafe>

or join the conversation on Facebook at www.facebook.com/calpolysciencecafe.

For more information about Berkeley Bionics and eLEGS check out <http://berkeleybionics.com/2010/introducing-elegs/>