

## About Us

- [Welcome](#)
- [Overview](#)
- [History](#)
- [News](#)
- [Publications](#)
- [Industry Partnerships](#)
- [Facilities](#)
- [Faculty Positions](#)
- [Postdoctoral Positions](#)
- [WeldonBME Blog](#)
- [Contact Us](#)

## Information For...

- [Alumni & Friends](#)
- [Current Students](#)
- [Potential Partners](#)
- [Potential Students](#)

Text Size: [A](#) [A](#) [A](#)

Print-Friendly: 

Share this Page: 

Shortcut URL:  
<http://eng.purdue.edu/jump/452231>

PURDUE > ENGINEERING > BIOMEDICAL ENGINEERING > ABOUT US > BME NEWS

## Gurkan Recipient of Geddes-Laufman-Greatbatch Award

Umut Atakan Gurkan was selected as this year's recipient of the Geddes-Laufman-Greatbatch Award, presented by the Weldon School of Biomedical Engineering at Purdue.



The Geddes-Laufman-Greatbatch Award was established by Dr. Les Geddes after he received the 1987 AAMI Foundation/Laufman-Greatbatch Prize in recognition of the importance and unparalleled diversity of his contributions in biomedical instrumentation. The Award is presented each year to the outstanding student or post-doctoral fellow for an academic year.

Gurkan is originally from the Middle East Technical University (METU) in Turkey. He holds a double major in chemical engineering and mechanical engineering, plus has extensive electronics training from a specialty technical school. He joined Ozan Akkus' lab four years ago, and has flawlessly transitioned to the biomedical engineering environment. His current research project involves the development of the appropriate mechanical and physical environment of bone marrow to unleash its regenerative potential toward the treatment of middle sized bone defects/deformities. Others studies have been using cells derived from marrow for tissue engineering purposes; however, there have been no efforts in the literature toward the engineering of marrow "as is" for tissue regeneration purposes. Surgeons add marrow to constructs in the surgical theater to boost host-tissue response; however, it has never before been attempted to culture and condition marrow outside the body to be used for bone replacement.

In addition to his ground-breaking research, his nomination for the award also cited his exemplary publication and teaching records. It was also noted that Gurkan has an "uncanny ability to make things work the first time he tries."

Please join us in congratulating Umut Atakan Gurkan on his many fine accomplishments.

## BME Newsletters

- [December 2009](#)
- [November 2009](#)
- [July 2009](#)
- [January 2009](#)
- [December 2008](#)
- [September 2008: Special Edition](#)
- [July 2008](#)
- [June 2008](#)
- [February 2008](#)
- [November 2007](#)
- [December 2007](#)
- [September 2007](#)
- [July 2007](#)
- [May 2007](#)
- [October 2006](#)
- [September 2006](#)
- [July 2006](#)
- [June 2006](#)
- [April 2006](#)
- [January 2006](#)
- [November 2005](#)

## BME News Archive

- [Year of 2000](#)
- [Year of 2001](#)
- [Year of 2002](#)
- [Year of 2003](#)
- [Year of 2004](#)

[Copyright © 2010, Purdue University, all rights reserved.](#)  
[An equal access/equal opportunity university](#)  
[Why Secure Web Services? \(SSL\)](#)  
[webmaster-bme@ecn.purdue.edu](mailto:webmaster-bme@ecn.purdue.edu)