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A Message from the Department Chair:

Another glorious Utah fall is transitioning toward the intermountain West winter now - snow in the mountains, leaves brilliant on the hillsides, and traditional Fall activities visible on our campus. Faculty, staff and students have worked hard for months now to put into place a safe campus environment in which to teach, learn, grow and experience. We look forward to continuing continuing this upward functional and respectful trajectory in returning together to a campus "near normal", so refreshing and welcomed from the past 20 months.

I encourage you to read further into our Fall Utah Biomedical Engineering newsletter. You'll learn about a new international clinical study bringing vision to those who are blind with the Utah electrode array, about our BME students thriving despite unique challenges in our classrooms and labs, about a Utah BME alumna earning special honor and status as a Medtronic Bakken Society member, and breakthrough synthetic biology methods to instill entirely new technology functions into bacteria with new genetic programming techniques.

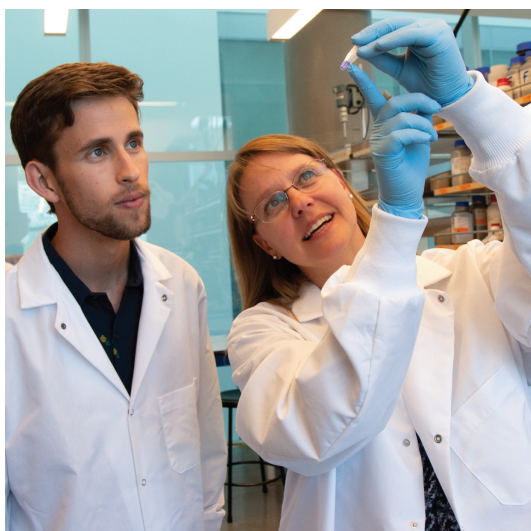
Your interest is certainly appreciated, and your continued support can truly impact our program. Please consider giving to Utah BME by clicking [here](#).



Enjoy the season!

David W. Grainger, Ph.D.

University Distinguished Professor and Chair
Ole and Marty Jensen Endowed Chair
Utah Biomedical Engineering



Faculty News: Tara Deans



Alumni News: Ruth Klepfer

Synthetic Biology Yields New Tools

A team of University of Utah biomedical engineering researchers led by BME faculty Tara Deans has found a new way to control gene expression in bacteria using genetic parts from higher organisms. [Click here to read more.](#)

BME Alumna Inducted into Honorary Society at Medtronic

On August 25, 2021, Biomedical Engineering and Scientific Computing and Imaging Institute alumna Ruth Klepfer was inducted into the Medtronic Bakken Society. [Click here to read more.](#)



Emeritus News: Richard A. Normann



Disability Spotlight: Casia Wardzala

Disability Spotlight

Helping the Blind See Again

Researcher Richard A. Normann of the John A. Moran Eye Center at the University of Utah and a U Distinguished Professor of biomedical engineering worked with collaborators to successfully create a form of artificial vision for a blind woman using a prosthesis hardwired into her brain. [Click here to read more.](#)

The *Biomedical Engineering Disability Spotlight* is an initiative spearheaded by the Equity, Diversity, and Inclusion Committee in the Department of Biomedical Engineering that aims to provide unique insights from those with disabilities working within our academic community of students, staff and faculty. [Click here to read more.](#)

Are you a student, faculty, or staff member in the Department of Biomedical Engineering at the University of Utah? Would you like to be featured in an upcoming newsletter? [Click here to submit your exciting news story!](#)



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