



Department of  
**BIOMEDICAL ENGINEERING**

JOHN AND MARCIA PRICE COLLEGE OF ENGINEERING  
THE UNIVERSITY OF UTAH

## A Message from the Chair



I'm delighted to share with you our Utah Biomedical Engineering Fall 2024 newsletter! Our department continues its natural transformation due to cycles of faculty retirements and new faculty hires. Under faculty leadership and mentoring, our undergraduate and graduate students continue to achieve amazing things in our program, from national awards to local outreach leadership, research discoveries and publishing their work and patenting technologies.

In this issue, we describe a fascinating and diverse array of BME hallmarks, experiences and recognitions – so many newsy and interesting items have caught my attention to include here. It's been a busy Fall!

Showcasing our BME achievements is always my Chair's privilege – I welcome you to share our BME journey! Read on!

David Grainger, Ph.D.  
Distinguished Professor and Chair  
Ole and Marty Jensen Endowed Chair

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## An Interview with BME Alumnus Dr. Mahender Avula (Dexcom Inc.)

[Read more here](#)



## Utah BME and ME Students Awarded for U- Build Bionic Knee

[Read more here](#)



## BME PhD student, Tamanna Islam, awarded a 2024 PhRMA Predoctoral Foundation Fellowship

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## Utah BME Faculty and Students Attend the October 2024 Annual Biomedical Engineering Society (BMES) Meeting in Baltimore

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## BME Faculty Recognized for Innovation

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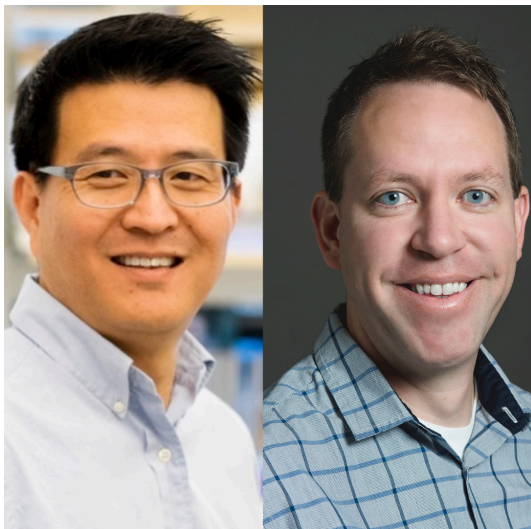
## BME Grad Students Share Utah Experiences and Recruit Graduate Students at The Society of Hispanic Professional Engineers 2024 National Convention

[Read more here](#)



## BME's Jeff Weiss and Columbia University colleague Ateshian receive a \$2 million grant to continue development of FEBio Open-Source Software

[Read more here](#)



**BME Professor Yu  
and BME adjunct  
faculty Owen  
Receive a \$1.9  
Million NIH Grant to  
advance  
rheumatoid arthritis  
research**

[Read more here](#)



**BME faculty  
Kramer Awarded  
Grant to Study  
Biomedical  
Advantages of the  
Mucin Glycocalyx**

[Read more here](#)



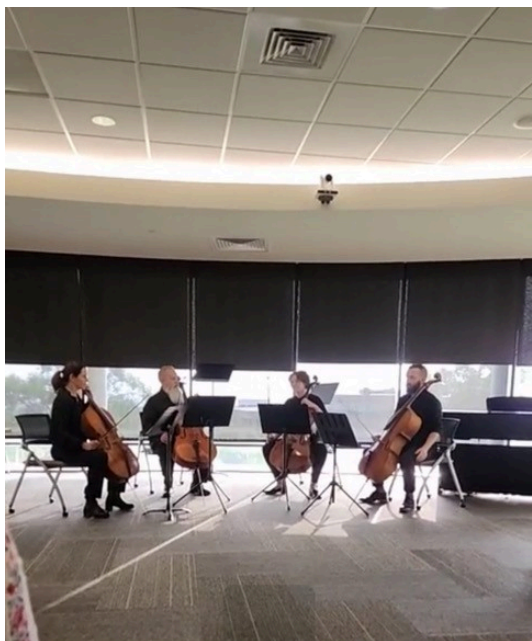
## Recent BME Alum Shares Her Tips for Grad Student Success

[Read More Here](#)



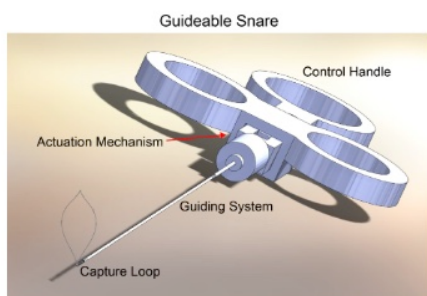
## 19th Annual Utah Biomedical Engineering Conference (UBEC) 2024: Showcasing Innovation and Collaboration

[Read more here](#)



## BME faculty Holly Holman is all ears when it comes to the University of Utah's Medical Orchestra and her research in Auditory Neuroscience

[Read more here](#)



This image is an illustration of a device designed by a student who participated in the U's Biomedical Device bioInnovate Program.

## Biomedical Engineering Seeks Collaborative Medical Device Projects with U of U Health Faculty

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## Annual Benning Society Lecture: Renowned Medical Researcher and Blogger Dr. Eric Topol Critiques Advances in Artificial

# Intelligence and Molecular Medicine

[Read more here](#)

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