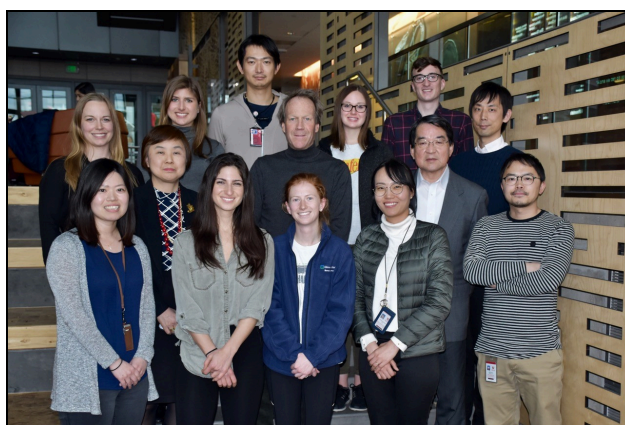


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Department of
BIOMEDICAL ENGINEERING

JOHN AND MARCIA PRICE COLLEGE OF ENGINEERING
THE UNIVERSITY OF UTAH

A Message From the BME Chair



The Utah 2023 winter has produced record snows, leading the nation by far in winter snow base totals, super news for Utah's tourist-important skiing, winter recreational and annual watershed forecasts. This is a promising reversal in recent past trends, producing record drought and water worries across the Intermountain West. In parallel with this refreshing natural abundance this winter, Utah BME is enriching our faculty with several new faculty searches with our Health Sciences academic partners. This continues a traditional strategic endeavor to bridge BME expertise and research areas with clinical research on campus to strengthen research ties, facilitate translation, train students across biomedical disciplines and tie biomedical programs together in meaningful, relevant ways. In this newsletter you'll read about our latest faculty hire, Ashley Dalrymple, and our students working across health sciences departments in

interdisciplinary, collaborative relationships that typify BME engagement. You'll meet an all-star senior BME alum who is capping his rich career in the orthopedic device industry, and all-star junior BME alum Jake George making waves with his career start as faculty on campus. Read on! You'll learn about faculty Jeff Weiss' latest work exploiting Utah-centric open-source modeling software in heart valve mechanics, BME grad student Shwan Javdan's NIH fellowship award, and our BME student presentations at the Fall 2022 annual BMES meeting. Our BME undergraduates continue to make waves at Utah's Capitol Hill and at the nation's capitol as well, in special appearances. Then there's faculty Jessica Kramer's recent award from the AAAS, and faculty Holly Holmans' star status! We'll tell you how BME's annual focus on our highly reputed upcoming Bed-to-Bedside competition benefits from a local successful medical entrepreneur's wisdom and about the College of Engineering's recent re-naming story.

We're excited as 2023 moves forward toward snowmelt to feature our Utah BME impacts on campus, in our State, nationally and internationally. Happy reading!!

David W. Grainger, Ph.D.

University Distinguished Professor and Chair

Ole and Marty Jensen Endowed Chair

Utah Biomedical Engineering



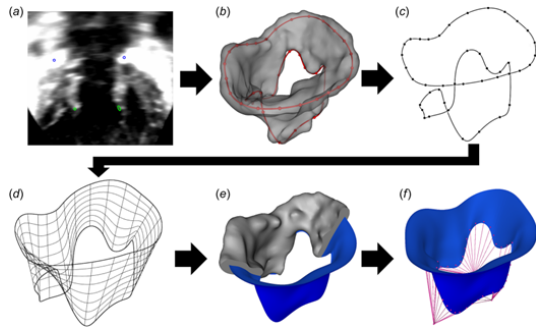
**New joint School
of Medicine/
Biomedical
Engineering faculty
has campus nerves
tingling with
excitement**

[Read more here](#)



**BME Alum
Continues to Blaze
Business Success
in the Medical
Device Industry: An
Interview with Jon
Serbousek**

[Read more here](#)



Feature Publication: Professor Jeff Weiss and colleagues feature FEBio in ASME

A computational framework for atrioventricular valve modeling using open-source software

[Read more here](#)



BME Alum, Jake George gives Vitae! Lecture

BME alum and adjunct faculty, Jake George, was selected to present at the U's showcase, Vitae 2022 forum for emerging faculty.

[Read more here](#)



BME Undergrad Lindsey Stewart attends AIMBE Policy Forum

Lindsey Stewart ROSE to the opportunity to attend this year's AIMBE Public Policy Institute for Rising Leaders.

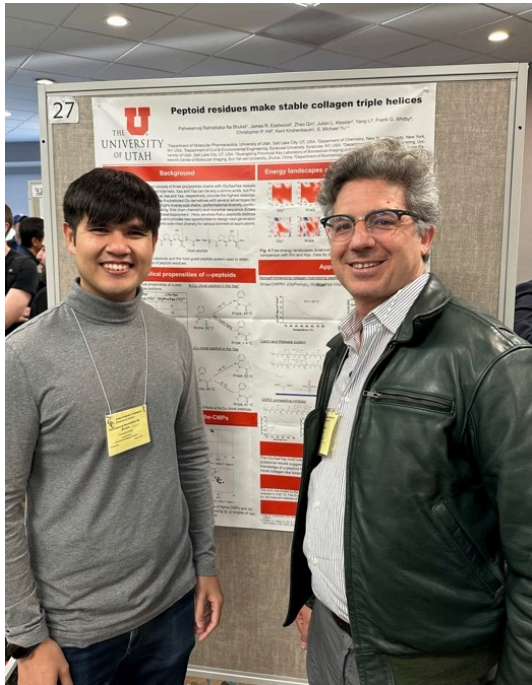
[Read more here](#)



BMES 2022

Utah BME sent 4 students to present at the Annual Biomedical Engineering Society Meeting in San Antonio.

[Read why they recommend
BMES here](#)



Teamwork makes the Dream Work

BME has partnered with Pharmaceuticals on campus for nearly 4 decades, sharing students, research, and teaching. The tradition continues...

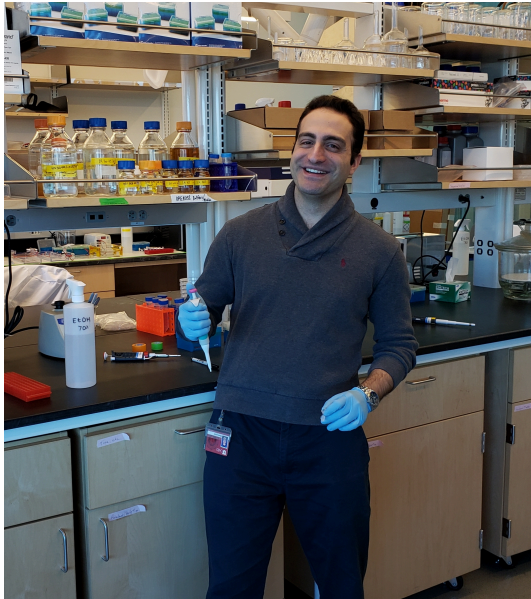
[Read more here](#)



Asteroid "(433512) Hollyholman" named after BME Faculty

In November 2022, Patrick Wiggins lobbied to rename a minor planet known as 2010 DS63 to (433512) Hollyholman in honor of his friend, Holly Holman

[Read more here](#)



BME Grad student Receives NIH F31 Fellowship

Student Shwan Javdan in the Dean's Lab for Synthetic Biology receives coveted NIH F31 National Research Service Award

[Read More Here](#)



BME Faculty Kramer receives AAAS award

Jessica Kramer is one of four national recipients of the AAAS Marion Milligan Mason Award, given to promising early-career women in the chemical sciences.

[Read more here](#)



Utah's Bench-to-Bedside Medical Device Innovation Competition: Local Leader Mentors Workshop

Shawn Fojtik guides Utah students with his success stories in medical device development.

[Read more here](#)



BME Research on Capitol Hill

Undergrad Students Andrew Wallace, Rebecca Urban, Sarthak Tiwari, Craig Niedert, Oliver Hubbard, and Tanner Grahm showcased their research for Utah lawmakers

[Read More Here](#)



The College Receives Major Gift and New Name

The University of Utah's
College of Engineering will
now be: John and Marcia
Price College of Engineering

[Read More Here](#)

EXPLORE UofU BME

Give to Utah BME



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