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UMCCTS Newsletter, May 2024

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CENTER FOR CLINICAL & TRANSLATIONAL SCIENCE

UMASS CCTS NEWSLETTER



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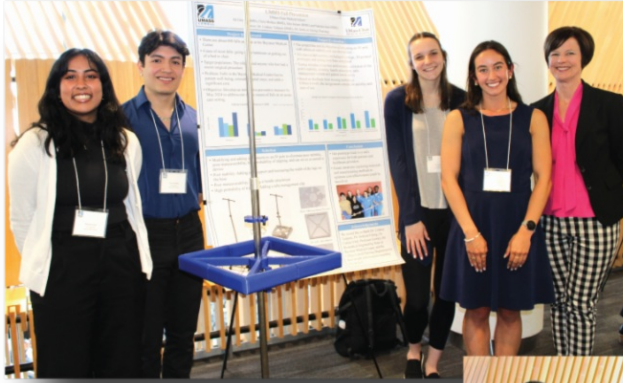
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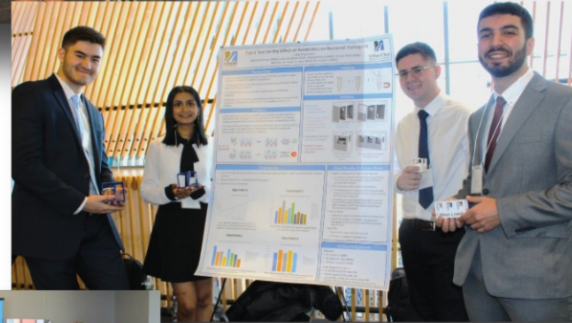
NEWS

Preparing Engineers for Professional Practice (PEPP): Interdisciplinary Senior Design Projects



Pictured to the left with their poster and prototype product (modified IV pole with enhanced stability and user-friendliness) are BME students (L-R) Natisha Soni, Chris Moilina, Erin Jensen, Ali Grasso and Dr. Lindsay Tulipani.

Pictured right with their poster and prototype products (various electromagnetic nanoparticle separation devices) are BME students (L-R) Lucas Archibald, Shivani Patel, Alex Hutchinson and Ragheed Najia.



Pictured to the left is the full group of PEPP/BME students at their Capstone presentations.

On Friday April 26th, UMass Lowell's Biomedical Engineering Department held their capstone event for the UMCCTS PEPP program. This year two teams worked on projects related to problem statements proposed by UMass Chan faculty to address specific healthcare needs.

This program is open to undergraduate engineering majors at UMass Amherst, UMass Dartmouth, and UMass Lowell. Students complete a senior design project (two semester course). The purpose of this course is to give students skills in carrying out a project in a multidisciplinary team for a designated client, just as practicing engineers would.

[Visit our Website](#)



Updates on the National
COVID Cohort Collaborative
and the N3C Clinical Pilot

The National COVID Cohort Collaborative (N3C) Governance Team has released some important and timely updates.

[Details Here](#)

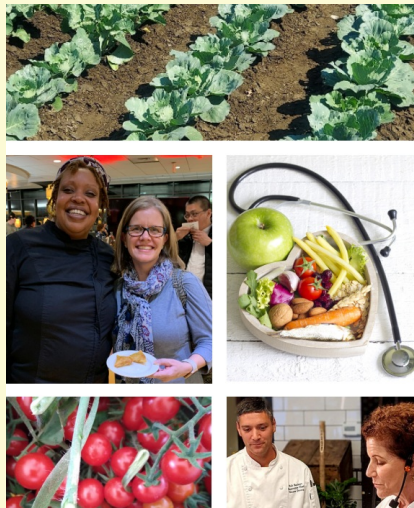
EVENTS

Food is Medicine Initiative



UMass Amherst to host Healthcare Culinary Conference: Bridging Healthcare, Food and Community

SAVE the DATE - June 5-6, 2024



Includes lectures by renowned scientists, panel discussions, networking and more!

The two-day event to be held at UMass Amherst will focus on the following:

- Developing culinary skills that support dietary guidelines, and reflect cultural preferences.
- Understanding the social determinants of food insecurity.
- Valuing and appreciating the significance of food in preserving cultural identity.
- Highlighting the importance of collaboration between healthcare and community food systems.

Visit our
Website



Tufts Clinical and Translational Science Institute (CTSI)
cordially invites you to attend our 3rd Annual
Dissemination of Research Results Open House!

Registration required



TUESDAY
MAY 7th



6:00pm -
7:00pm EDT

This online event is an opportunity to learn about research happening at Tufts Medical Center and Northeastern University and for study participants to learn about the results of the study in which they participated. This hour-long event will include two 15-minute presentations given by the researchers. The audience will also have a chance to ask questions following each presentation.

This year we are excited to have Erin Meier, PhD and Gaurav Gulati, MD scheduled to present the results of their research studies:



Dr. Erin Meier: *Word Retrieval in the Wild: An Ecological Momentary Assessment Pilot Study in People with Post-Stroke Aphasia*



Dr. Gaurav Gulati: *Helping the Right Heart Pump Better in Shock: A New Tool*



We hope you will consider attending. Please register here <https://bit.ly/4awz3LS>

Patricia Reyes:
patricia.reyes@tuftsmedicine.org

Registration is required! [Please register on Tufts CTSI I LEARN.](#)

REGISTRATION QUICKLINK

The Tufts CTSI D&I Core
will host a meeting with
Dr. Douglas Luke on May 20, 2024,
as part of their
Dissemination and Implementation Interest Group
(DIIG)
meeting series

Dr. Luke will present his talk titled ***“Looking down the road towards impact: How to conceptualize your research through the Translational Science Benefit Model (TBSM) framework”*** at the next Tufts CTSI DIIG meeting. In this talk, Dr. Luke will explore the Translational Science Benefit Model (TSBM) framework as a powerful tool for researchers to envision the trajectory of their work from conception to real-world impact. Whether you are an early-stage investigator or an established researcher, this talk will provide valuable insights into how you can effectively conceptualize your research to drive meaningful change in healthcare and beyond.

Douglas Luke, PhD, is the Irving Louis Horowitz Professor in Social Policy at the Brown School at Washington University in St. Louis where he directs the Center for Public Health Systems Science. Dr. Luke also directs the Tracking and Evaluation Core of the ICTS at the School of Medicine. As a leading researcher in the areas of public health policy, systems science, and tobacco control, Dr. Luke directs work focused primarily on the evaluation, dissemination, and implementation of evidence-based public health policies.

Please register in advance for this meeting:

<https://wellforce.zoom.us/meeting/register/tJErcO6oqTMiHddN-66aKkApDIfPY8UjNQkO>

Please contact Anna L. Thompson (anna.l.thompson@tuftsmedicine.org) with any questions."

Registration Link

FUNDING

PAR-24-197:

HEAL Initiative-Early-Stage Discovery of New Pain Targets Within the Understudied Druggable Proteome

(R03 Clinical Trial Not Allowed)

Posted Date: April 17, 2024

Application Due Dates: June 16, 2024 with cycles through June 2026

This NOFO solicits applications for pilot projects to identify new druggable targets for pain within the understudied druggable proteome. Awards will support generation of preliminary data and/or tools around eligible understudied protein(s) listed in the NOFO.

[MORE INFO](#)

PAR-24-131:
**Small Business Transition Grant for New
Entrepreneurs**

(R43/R44 Clinical Trial Not Allowed)

Posted Date: April 26, 2024

Application Due Dates: September 5, 2024 with cycles through April 2027

This NOFO supports small business concerns (SBCs) in employing and developing researchers as entrepreneurial PDs/PIs. In addition to supporting research and development efforts at the SBC, a major component of this NOFO is entrepreneurial training, mentoring, and career development of PDs/PIs who are scientists and professionals with research, technology development, and/or healthcare delivery skills and experience, but limited entrepreneurial and independent (non-mentored) research leadership experience.

[MORE INFO](#)

EDUCATION & TRAINING

Biotech East

UMass Lowell offers special summer program for doctoral and post-doctoral scientists interested in discovering the business side of science

For the sixth year in a row, **Dr. Denise Dunlap**, Associate Professor of the Manning School of Business, has been leading the interdisciplinary, week-long **Biotech East** summer training course for doctoral and post-doctoral scientists interested in discovering the business side of science. The program continues to be successful – 75% of attendees now have found jobs in industry, regulatory affairs, or tech transfer.

There are a few spaces available for those that are interested in registering for the **Biotech2024** course (also see details below).

This year's distinguished keynote speaker is Dr. Robert Langer, the David H. Koch Institute Professor at MIT on June 3, 2024.

Biotech2024 aims to help participants learn about career paths for scientists in industry, how to leverage their analytical Ph.D. skill set for a professional career, make connections with industry guests and like-minded course participants, and learn interdisciplinary teamwork through a team pitch project. It is made possible because of the Manning School of Business' partnerships with the Keck Graduate Institute and the American Society for Cell Biology. The program receives sponsorship support from the Center for Advancing Point of Care Technologies (a collaboration between UMass Lowell and UMass Chan Medical School) and Biogen.

If you have any additional questions, please contact
denise_dunlap@uml.edu.

Numerous Learning Opportunities for Researchers Available through Compass

We are now accepting applications for the fall 2024 cohort, which will run from Monday, September 9 through Sunday, November 17. Registration tends to fill up quickly. The program is open to all biomedical junior faculty and postdocs in the United States who lead, or plan to lead, a lab or research team. The program is run by Washington University in St. Louis and supported by NIH, free of charge to participants.

<https://researchercompass.org/>

COMPASS

LEADERSHIP AND MANAGEMENT TRAINING AND MENTORING FOR EARLY-CAREER RESEARCHERS



Fall cohort launches Sept. 11, 2023!
[Apply now at researchercompass.org](https://researchercompass.org)

HOW DOES COMPASS WORK?

Compass scholars learn remotely via a collaborative online learning platform, live virtual sessions with experienced mentors, and peer mentoring teams.

- 10 weeks of foundational training and mentoring (3 hour weekly commitment)
- 6 months of ongoing learning and mentoring (2 hour monthly commitment)

WHAT WILL SCHOLARS DO?

- Build a personalized lab manual to welcome and orient team members to their lab
- Engage in team-based peer mentoring
- Learn from experienced mentors
- Get practical tools to use in their lab
- Cultivate a supportive, inclusive environment

WHAT WILL SCHOLARS LEARN?

Scholars will learn communication, leadership, and management skills to navigate becoming a lab leader.

- Handle difficult conversations
- Manage expectations and progress
- Ensure rigor, reproducibility, and transparency
- Model responsible conduct of research
- Manage stress and personal well-being
- How to build and benefit from a diverse lab

ELIGIBILITY

All junior faculty and postdocs in the biomedical sciences at any U.S. academic institution who lead or plan to lead research are eligible to participate. Those from underrepresented groups are strongly encouraged to apply.

COST

To keep the program accessible, there is currently no cost to participate. Compass is funded by the NIH and fees are waived for the duration of the grant.

OUR TEAM

Compass was developed by a diverse team of workplace psychologists, career development experts, and NIH-funded researchers at Washington University School of Medicine in St. Louis.



CONTACT US

researchercompass.org compass@wustl.edu

Visit our
Website

Orientation to Clinical Research at UMass Chan

The CCTS Office of Clinical Research (OCR)
continues to host in-person sessions on a monthly basis.

(Registration required)

These sessions provide a high-level overview of the resources and systems that are in use and available at UMass Chan, as well guidance related to account access and other

institutional policies around the conduct of clinical research. Further, these sessions will also provide an opportunity to meet some of the OCR staff, learn where the OCR and IRB are physically located, as well as to meet colleagues from other departments who are also engaged in clinical research.

UPCOMING DATES: June 6, July 11, August 1 and Sept. 5, 2024 at 9:00 AM

[MORE INFO](#)

**Please note: You will need to log in with UMass Chan credentials in order to register. Otherwise, please email OCR staff members Ann Han (ann.han@umassmed.edu) and Eric Stratton (eric.stratton@umassmed.edu) to be manually added to an orientation session.*

Registration is Required

Seating is limited to 20 individuals per session, so we kindly ask that you register for this session.

[REGISTER
HERE](#)

K Award Research Writing Group

Next Meetings

Wednesday, May 8th & 22nd, 2024~ 4:00-5:00 PM
Virtual, Zoom

The K Award Writing Group supports junior faculty in the development of K-level “Mentored Research Scientist Career Development Award” applications. According to NIH, the award is intended to provide either progressive training or further experience in research related to biomedical, behavioral, or clinical sciences. The mentored approach provides the knowledge required for the K-Awardee to progress into an independent researcher over the award period.

K Award Group meets bi-weekly on the 2nd and 4th Wednesdays of the month from 4-5 pm via Zoom. Attendance at K Award Group meetings can be for information purposes and/or for review of your application. The group meets to outline the K-Award writing process and to review material being submitted by/to the group for input.

To register to attend the K Award Group, please email Robyn.Leonard@umassmed.edu.

[Visit our
Website](#)

R Club Research Writing Group

Next Meetings
Tuesday, May 7th & 14th, 2024 ~ 11:00 AM -12:00 PM
Virtual, Zoom

Are you an early stage investigator looking to write your first R21 or R01?
Would you like input and feedback on your proposal from experienced
faculty who have been there before? The UMCCTS is pleased to offer the
R Club, a peer group that meets twice a month to review and plan for
successful R-level grant submissions. Interested?

Please email nathaniel.hafer@umassmed.edu
to be added to our mailing list.

Join from PC, Mac, Linux, iOS or Android:

<https://umassmed.zoom.us/j/5682209338?pwd=dHRmWnBnWHBZZ1I0c3B4M05Pc3BTdz09>

Password: 809084

[Zoom Meeting Link](#)

Join Us!

Clinical Research Professionals Group (CRPG) Meetings

- Want to know/stay up-to-date about changes to regulations, research systems, and research related institutional policies around the campus?
- Want to learn about the various core services that can assist you and your department in your projects and trials?
- Interested in educational resources, trainings, and professional certifications?

Join us for the monthly Clinical Research Professionals Group (CRPG) meetings to hear about these topics and more! More info, meeting schedule, and past meetings can be found on the [CCTS CRPG SharePoint page](#). Want to join the CRPG Distribution Group?

[Submit a TRACs Request Here](#)

SHARE YOUR SUCCESS STORY!

Have you had your research published that cites the UMass Center for Clinical and Translational Science? Has your patent been filed on technology developed using Center funding or resources? Did your pilot project receive external grant funding? Share it with us at ccts@umassmed.edu. Sharing your success demonstrates the importance and effect of the Center for Clinical and Translational Science at UMass.

NEWSLETTER SUBMISSIONS

To be included in the CCTS Monthly Newsletter, please send announcements, including a link, to ccts@umassmed.edu.

The newsletter is published the first week of each month.



KATHERINE LUZURIAGA, MD
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