

Workshop: 3-D Cryo-Electron Microscopy as a Tool to Study Intracellular Structures	Accomplished Scientist Speaker	DU Lab Tour – Knoebel Institute on Health Aging	Microgrants
Research Advisory Committee	DOM Research Town Hall	Travel Awards	Kauvar Symposium on the Impact of Climate on Respiratory Health and Immunity

Accomplished Scientist

Dr. Ann Harris, PhD

Leonard C. Hanna Professor
Ohio Eminent Scholar in Stem Cell
Genomics

Vice Chair for Research
Department of Genetics and
Genome Sciences
Case Western Reserve University

*Epithelial cell
identity and the
cellular origins
of cystic
fibrosis.3-D*

Wednesday, October 25th, 2023

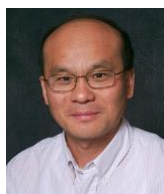
12pm – 1pm
Heitler Hall

or via zoom:

<https://nihealth-org.zoom.us/j/84485322237?pwd=S2VBNiFGcUo0ZkZFZXpRNXIjVndDQT09>



ORI FY24 Travel Awards and FY24 Microgrants – Hong Wei Chu, PhD



The Office of Research Innovation announced its' FY24 **Travel Awards** on Friday, September 29th. **Congratulations to awardees:** Simon Bousseau, Cori Fratelli, Karina Mora Massad and Lingbo Li!

The Research Advisory Committee will meet on Friday, October 6th, to score applications submitted for the FY24 **Microgrants**. The **awards** will be **announced on Monday, October 16th**

Lab Tour to DU's Knoebel Institute for Healthy Aging – Hong Wei Chu, PhD

On Sept. 22nd, a group of NJH trainees, research staff and faculty toured the labs at DU's Knoebel Institute for Healthy Aging. Their research areas in small molecule detection, synthetic protein mimetics and lysosome biology would be of interest to NJH researchers who not only study aging but also other topics. We will provide a tour summary with contact information for DU faculty in our next newsletter.

The Office of Research Innovation will organize a reciprocal lab tour at NJH for DU researchers. Please let us know if you'd like your lab to be considered for the tour.

The Research Advisory Committee (RAC) – Elizabeth Redente, PhD

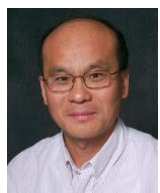


The RAC would like to invite investigators to submit requests of interest for the NIH Development of a Shared Instrumentation Grant (SIG) Program (instruments between \$50,000 and \$600,000) and the High-End Instrumentation (HEI) Program (instruments over \$600,001). **Applications are due June 1, 2024**, but we would like to provide investigators sufficient time to prepare projects with interested faculty and demo instrumentation if necessary.

Please provide a brief 1-page summary of interest to [LeAnn Donahue](#) by **Oct 31, 2023** that includes: **1)** Which program (SIG, HEI), **2)** PI, **3)** Instrument and ~cost **4)** Statement of need and **5)** A preliminary list of R01 funded faculty users.

The RAC will review requests and notify investigators of approval to move forward by mid- Dec.

ORI Workshop – Hong Wei Chu, PhD



On Sept. 27th. ORI hosted Professor Andreas Hoenger from CU Boulder for a workshop entitled “3-D Cryo-Electron Microscopy as a Tool to Study Intracellular Structures”. Dr. Hoenger taught us about the procedures and applications of Cryo-EM.

After his talk, a group of interested trainees and faculty met with Dr. Hoenger over lunch to discuss the use of this cutting-edge research approach. He shared that there is no cost for using Cryo-EM in your NIH-funded projects if your 2-page application is approved by the National Network for Cryo- Electron Tomography.

These links allow you to apply for the use of Cryo-EM or to learn more about the technology:

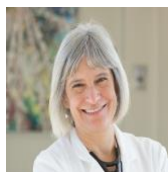
- [Applications](#)
- [CU Boulder Unit](#)
- [Full Cryo-EM Consortium](#)

Department of Medicine Research Town Hall – Evi Zillmer

The Department of Medicine, the Office of Research Innovation and the Research Administration Council invite all Department of Medicine researchers, lab managers and lab staff to join the DOM Research Town Hall, on Thursday, October 12th, 12pm – 1pm, in Heitler Hall or via [Zoom](#).

The agenda will cover the vision of the DOM research operations, current pain points in labs, action items, a roadmap and a short Cayuse update by Michael Dickman, Executive Director of Research Administration. Questions can be sent to in advance to Evi Zillmer at zillmere@njhealth.org or via Zoom chat during the Town Hall.

Kauvar Symposium on the Impact of Climate on Respiratory Health and Immunity – Lisa Maier, MD, MSHP



Climate change is increasingly impacting health and disease in individuals and communities across Colorado, the nation and the globe, especially in those with respiratory and other underlying diseases and/or health disparities.

As a result, **National Jewish Health and its Center for Environment, Climate and Health is hosting the Kauvar Symposium on the Impact of Climate on Respiratory Health and Immunity, Friday, October 27th, 2023, 8am – 3pm**, to discuss research on climate change and health in order to promote conversations, collaboration and research in this area among investigators and colleagues across Colorado. Please see the **agenda below** including experts on the respiratory health effects of climate change.

Agenda:

Featured Speaker: [Chris Carlsten](#), MD, MPH

Professor of Medicine
Head of UBC, Vancouver Respiratory Medicine
Director of the [Air Pollution Exposure Laboratory](#)
Director Legacy for Airway Health

Session 1: [Magda Gorska](#), MD, “Air Pollution Maternal-Child Asthma Risk”

Session 2: [Jennifer Peel](#), PhD, “Indoor Air Pollution”

Session 3: [Kevin Josey](#), PhD, “Climate and Health Disparities”

Session 4: Panel Discussion, “Next Steps in Climate Health Research”

Moderator: Jon Samet, MD, MS

Panelists: Collen Reid, PhD

Sheryl Magzamen, PhD, MPH

Tony Gerber, MD, PhD

The live symposium will be held at National Jewish Health (Molly Blank) with a virtual component for those unable to attend in person. For those attending in person, lunch will be provided.

[Register NOW!](#)

[Abstract submissions](#) are being requested. Six oral presentations will be chosen from the abstract submissions to highlight research being conducted by junior investigators and trainees.