National Jewish Health®
Breathing Science is Life.®

Office of Research Innovation

July 2025

ORI Updates	Grant Writing Workshop
The RAC	Collegial Corner

Laboratory Opportunities

Interested or know someone who is looking to work for a research lab at National Jewish Health. These opportunities are currently available:

Lab researcher Numata-Nakamura lab (part-time) https://pm.healthcaresource.com/CS/national_i/#/job/8292
Lab researcher Nakamura (Pool) https://pm.healthcaresource.com/CS/national_i/#/job/8266
Lab research technician Seibold lab (full-time) https://pm.healthcaresource.com/CS/national_i/#/job/9153
Lab researcher Gerber/Sasse lab (full-time) Lab Researcher - Gerber/Sasse Lab - National Jewish Health
Postdoctoral Research Associate Pulmonary(full-time) Postdoctoral Research Associate - National Jewish Health
Lab researcher Pulmonary (full-time) Lab Researcher - National Jewish Health

Grant Writing Workshop- Anthony Gerber, MD, PhD.

Applying for a grant? NIH or other? Check out our award-winning Grant Writing Workshops program. These workshops are designed to provide critical guidance and feedback for any level investigator. All faculty and fellows are welcome! They are interactive and feature hands-on practical reviews from various colleagues and faculty, to help investigators attain a thorough understanding of the grant writing and review process. Contact Coordinator Erin Brown (brownee@njhealth.org), for details. The NIH's official publication of notices of grant policies, guidelines and funding opportunity announcements (FOAs) is available in a searchable format. Visit: https://grants.nih.gov/funding/nih-guide-for-grants-and-contracts

The RAC- Elizabeth Redente, PhD.

Thank you for the Medical Science Incubator Award submissions. The RAC will be reviewing applications and will announce recipients for both the postdoctoral award and the investigator-initiated award at the end of July.

Collegial Corner –

Research-focused events, from our partner institutions

The **Colorado Clinical and Translational Sciences Institute (CCTSI)** is an NIH-funded program that supports clinical and translational research with the goal of accelerating discoveries to improve health. **Free membership** provides access to expert consultations, research resources, pilot funding, and a wide range of **education and career development programs** for researchers at all levels.
CCTSI offers training in grant writing, leadership, mentoring, communication, and team science, along with funding opportunities through pilot grant programs in areas such as cross-disciplinary research, child and maternal health, and community engagement.
Anyone involved in clinical and translational research, including investigators, trainees, postdocs, and research professionals, can benefit by joining.

Learn more or become a member at cctsi.cuanschutz.edu.

CU Anschutz PACCM AirBio Program

You are invited by the Airway Biology (AirBio) Program of the Pulmonary, Allergy, and Critical Care Medicine Division for three expert sessions held throughout this summer focused on critical concepts and methods in pulmonary research!
Sessions will take place in a hybrid format and are open to all divisional members.

Please look for invites to the next two sessions:

SESSION 2 – JULY
Concepts: Metabolism & Energetics by Sergejs Berdnikovs, PhD AMC
Methods: Omics research

SESSION 3 – AUGUST
Concepts : Animal Models of Lung Disease by Chris Evans, PhD AMC
Methods: Transgenic mouse model development

Interested in learning more about AirBio? Email eszter.vladar@cuanschutz.edu

MSU Denver Mentorship Program

National Jewish Heath is happy to launch our MSU Denver Mentorship program featuring the MSU Denver Health Scholars. You might have seen some of the MSU Denver Scholars around campus on Friday, March 14th, as they attended Grand Rounds and toured the campus. Special thanks to the Clinical Quality Team, The Library Team, Morgridge Academy, and Carrie Horn, MD for telling the students more about exciting roles in healthcare that are sometimes overlooked. We hope to have more of these tours, so please reach out to oconnellt@njhealth.org if you or your team would like to be a stop (informal, no more than 30 minutes) on the next MSU Denver field trip to NJH.

If you are interested in mentoring an MSU Denver student, please fill out this redcap survey: https://redcap.njhealth.org/redcap/surveys/?s=YCH78T7C7TYNEF8X, OR email oconnellt@njhealth.org.

About the Health Scholars:
These students are a diverse and driven group dedicated to careers in healthcare. Many are first-generation college students, DACA recipients, or from underrepresented backgrounds. They're eager to learn from experienced professionals like you.

Why Mentor?

- Share your passion: Inspire a student eager to learn about the medical profession.
- Shape the future: Help diversify the healthcare workforce and contribute to a more inclusive and equitable healthcare system.
- Gain fresh perspectives: Benefit from the energy and enthusiasm of a mentee.
- Minimal time commitment: Flexible format tailored to your schedule, only 10 hours a semester
- Mentorship: Provide guidance and support as they navigate their educational and career journey.
    - You do NOT need to be in a clinical role to mentor! Many students are interested in admin roles in public health, HR, education, etc. Mentorships are less about providing experience and more about coaching and counseling students as they work through college and beyond. Think of yourself as a coach and a teacher. For example, you might help them with interview techniques, review their resume, help them network, guide self-advocacy and study habits, and this is just the beginning!

Are you interested in learning how to do research in space and why it could benefit your research projects? Here is your chance!
NASA is conducting their 6th annual **FREE** virtual course on Spaceflight Technology, Applications & Research (STAR) training program focused on the science and technology behind biological experiments in space across research fields, some of which intersect with NJH expertise (stem cells, organoids, aging, inflammation, immunity, microbiology, environmental stressors etc.).

STAR has the following goals:
- Train principal investigators, researchers, and postdoctoral scholars in space biosciences, exposing

them to spaceflight hardware and opportunities while educating them on the principles of conducting flight experiments. It facilitates the entry of researchers into space biology and preparation for spaceflight experiments using NASA and commercial platforms (Axiom Space, Sierra Space, Bioserve Space Technologies etc.).
- Support collaborations between new and experienced space biology researchers.
In the last couple of years, a growing number of US academic institutions have created space biomedicine research centers such as Mass General & Harvard Med, Cedars Sinai, University of Pittsburgh, UCSD, UCLA and of course institutions in TX and FL historically associated with the space program.
In 2023, Dr. Lee Reinhardt was one of 29 investigators selected worldwide for this training program. Please feel free to contact him and/or Emmanuel Hilaire to learn more about the program. You can also learn more about the course here and submit your application here before July 9.

The University of Pittsburg School of Medicine is hosting a half-day symposium titled: “From Space to Earth – Biology as a bridge” on Monday July 7 in the morning.
The event will be live-streamed. See agenda.
If you are interested, please feel free to register here.
As space access is being commercialized and democratized, there is an increasing interest and demand from academic research institutions worldwide in using the microgravity environment of space as an innovative biomedical research platform to advance human health in space (Health for Space) and on earth (Health from Space).
This research approach can lead to discoveries that have the potential to provide us with exciting insights into various diseases on earth, for example associated with aging since astronauts suffer from health issues resembling natural aging.
Research in space can also lead to the development of innovative technologies for better protecting and improving human health in space.

The symposium will touch on that and other topics that intersect with NJH research such as regenerative medicine, organoid, longevity, immunity, mitochondrial health, environmental stressors, etc. Please feel free to contact Emmanuel Hilaire if you have any questions.

The Alpha-1 Foundation is pleased to announce its

funding opportunities for the 2025-2026 grants cycle!

The Alpha-1 Foundation is committed to finding a cure for Alpha-1 Antitrypsin Deficiency (AATD) and to improving the lives of individuals affected by Alpha-1 worldwide.The specific aims of the Grants Award Program are to promote research that would eventually result in the improved health of individuals with AATD and to find a cure for AATD. To achieve these aims, the Foundation offers financial awards to support a wide range of meritorious research related to AATD.

The Alpha-1 Foundation offers grants in six different categories:

- John W. Walsh (JWW) Career Development
- Pilot and Feasibility
- Clinical Pilot
- Postdoctoral Research Fellowship
- Research or 2 PI Research
- Ethical, Legal, and Social Issues (ELSI) Relating to Alpha-1 Antitrpsin Deficiency

Please visit our website for more information about our research opportunities, application deadlines, and application instructions for the 2025-2026 grants cycle.

	Click here to learn more Grant Opportunities - Alpha-1 Foundation The 2025-2026 In-cycle letters of intent (LOI) are due by Friday, September 26, 2025 using the Alpha-1 Foundation's online LOI forms on ProposalCentral. **Click here to apply online** Altum | ProposalCentral Please feel free to contact Vanessa Valencia: vvalencia@alpha1.org Grants Administration Manager Phone: 305-567-9888 ext. 242