Fall is almost here!

Autumn begins on Tuesday, September 22nd. With autumn comes cooler weather, making it a great time to do outdoor activities that might otherwise be too strenuous during the summer heat. For this month’s feature, Dr. Rita Tohme writes about socially distanced outdoor activities around CLE this fall.

We also recap the most recent LEADERS seminar on Grant Writing given by Dr. Cassandra Talerico. Part 2 of this seminar will be held on September 14th. This is a great time to brush up on your grant-writing skills before winter deadlines! This month’s featured alumnus is Dr. Arunachal Chatterjee, fellow is Dr. Krishnendu Khan, and graduate student is Stetson Thacker. We also introduce two LPDA leaders, Executive Board Co-President Dr. Kelly Mitchell, and Executive Board Coordinator Dr. Priya Putta.
Dear Lerner Graduate Students,

As I reflect on my time here at Lerner, you have all individually and as a whole been an inspiration to me, especially learning about your passion for research and desire to make a difference. I have enjoyed watching the transformation take place, as you grow into world-class scientists! It has been a true honor.

You are the next generation of young scientists and I cannot wait to hear about your meaningful work and groundbreaking discoveries.

Wishing you all the best,
Sarah

Sarah joined the Research Education and Training Center in 2016 as the Program Manager of Predoctoral Training. In her role, she was also the Program Manager of the Molecular Medicine PhD Program and the Advisor for the Lerner Graduate Student Association. She will be taking on a new position at the Cleveland Clinic Simulation Center. Best of luck on your future endeavors, Sarah - you will be missed!

Lerner graduate students should contact RETC (RETC@ccf.org) with any questions.
Announcements

Attention Graduate Students:

We hope you are doing well and staying safe. As the new school year is starting, we want to remind you that if you are experiencing any symptoms associated with COVID-19 and want to be tested, contact your university health clinic. In the event that you test positive for COVID-19, please contact your PI, department chair and/or admin. We will want to be sure to follow all protocols to keep everyone who may have been in contact with you safe and we can only do that if we know that you have tested positive. Please see below for updated testing information from our partnership institutions.

Case Western Reserve University:

- Call 24/7 Nurse on Call/Schedule an appointment: (216) 368-2450
- Testing is available on campus. If you have a fever, cough, any respiratory symptoms or concern for COVID-19 exposure, please call (216) 368-2450 to receive instructions.

Cleveland State University:

- Health and Wellness Services: 216-687-3649
- Phone and email is monitored Monday-Friday 8am-4:30pm
- COVID testing is available at CSU only by appointment. Please call 216-687-3649 to complete a health screening to schedule an appointment. They will make your appointment if it’s medically appropriate and give you further instructions. If medical assistance is needed during closed hours, students are instructed to call the Teledoc line at 855-281-6556 or visit an urgent care or minute clinic center for non-emergency situations.

Kent State University:

- COVID Response Team: (330) 772-2525
- 24/7 Nurse Line: (330) 672-2326
  - Phone is monitored, students will be instructed if they suspect they have COVID.
  - Testing is available on campus by appointment only. If you are experiencing symptoms, please make a Tele-visit appointment. They will perform a brief assessment to determine next steps.

University of Akron:

- Taking calls/appointments from 1-5pm weekdays: (330) 972-7808 (leave voicemail)
- Limited testing is available on campus by appointment only. If symptomatic, a brief assessment will be done over the phone to determine if testing is necessary.

Please note: If you encounter any problems at your university related to COVID-19, please contact RETC@ccf.org for help.
Where did you obtain your PhD? The University of Calcutta in March 2011.

When did you work in Lerner and in which lab? What positions did you hold? I worked at Lerner from December 3rd, 2012 to May 11th, 2015. I worked in two labs (Dr. Karnik’s and Dr. Prasad’s) in the Department of Molecular Cardiology (now Cardiovascular & Metabolic Sciences) as a post-doctoral research fellow.

What did you work on at Lerner? While at Lerner, I studied the role of a connective tissue growth factor, as well as the GPCR Mas and angiotensin-II receptors in cardiac dysfunction. I also studied the role of β-adrenergic receptor in cardiac diseases.

What successes did you have at Lerner? I published four papers while at Lerner, including one first-author publication. I also received the AHA Great Rivers Affiliate Winter 2015 Postdoctoral Fellowship for my project titled “Impaired beta-adrenergic receptor resensitization contributes to cardiac dysfunction.”

What is your current position title and where are you now? Currently, I am working as an assistant professor of zoology in Acharya Jagadish Chandra Bose College, affiliated with the University of Calcutta, Kolkata, India. I also work as a guest lecturer in the Department of Zoology, Asutosh College, Kolkata.

In my free time, I volunteer as an executive council member for one of the oldest academic societies in Asia: the Zoological Society, Kolkata, India.

What does your role in your current position entail and what is your favorite part? My primary responsibility is teaching, which also happens to be my favorite part of the job. My position also entails administrative and research work.

What about your time at Lerner do you think prepared you for this position? I became a more organized person with the help of Russell Desnoyer, who is a research technologist in the Karnik lab. My speaking and mentoring skills also improved under the guidance of Dr. Karnik. The most important thing that I received from the Karnik lab was an increase in confidence. I’m very grateful to Dr. Karnik for helping me develop my career. All of the skills that I developed at Lerner helped me immensely when I returned to India for my current position.

Is there something you particularly miss from your time at Lerner? Yes, I miss the people in the Karnik lab a lot.

In one sentence, what advice would you give current Lerner postdocs? Stay connected with other labs and their people. Listen to them, work methodically, and enjoy Lerner’s research facilities; all these things will definitely prepare you for the next level.
Dr. Khan is a native of West Bengal, India. He completed his master’s degree in medical biotechnology from the Post Graduate Institute of Medical Education and Research in Chandigarh, India. Dr. Khan joined the biochemistry department at Indian Institute of Science in Bangalore, India to pursue his PhD. He completed his graduate research in 2013, which focused on understanding structure-function aspects of proteins involved in meiotic recombination. He specifically studied their importance in chromosome pairing and condensation in the *Saccharomyces cerevisiae* species of yeast. Additionally, he studied DNA recombination in the *Mycobacterium tuberculosis* species of bacteria.

Dr. Khan came to Cleveland Clinic in 2015. He joined the department of Cardiovascular and Metabolic Sciences to work with Paul Fox, PhD. Dr. Khan was intrigued by Dr. Fox’s research program in translation regulation. Dr. Khan also wanted to train in a collaborative environment where basic science can be easily applied to clinically-relevant questions. His current research focuses on the canonical and non-canonical functions of tRNA synthetases under various physiological and pathological conditions.

Dr. Khan is interested in the structure and assembly process of the 12-protein tRNA multisynthetase complex (MSC) and how its disruption affects various cellular processes. To study this, Dr. Khan uses cross-linking mass spectrometry to develop a structural model of MSC. His work, modeling the MSC structure, was recently published in *Nucleic Acids Research*. In addition, Dr. Khan’s research received a Cleveland Clinic accelerator grant to understand co-translational protein complex assembly. His proposal has also been awarded VeloSano Pilot 6 funds to use this knowledge to generate more effective anti-cancer therapeutics. This success highlights Dr. Khan’s drive to apply findings from basic science research to clinical questions.

In addition to researching multisynthetases, Dr. Khan is also studying clinical mutations in tRNA synthetases and their contributing role in the progression of neurological diseases.

Outside of the lab, Dr. Khan enjoys hiking in the various Cleveland Metroparks with his family. He is an avid traveler and loves to visit new places, especially the national parks.

“Cleveland Clinic provides a unique opportunity to validate the importance of basic science findings from the lab in clinical practice. It is a great opportunity to train in an environment where world-class basic scientists and clinicians work side-by-side”
- Dr. Krishnendu Khan
Stetson Thacker is a graduate student who recently published a co-first-author article titled “An Integrated Deep-Mutational-Scanning Approach Provides Clinical Insights on PTEN Genotype-Phenotype Relationships” in *The American Journal of Human Genetics*. Mighell and Thacker et al. was a collaborative project demonstrating that deep mutational scanning (DMS) data generated on phosphatase and tensin homolog (PTEN) via saturation mutagenesis studies could be used to gain clinical insight into PTEN genotype-phenotype relationships.

Specifically, the group found that mutations that are more damaging to the phosphatase activity of PTEN associate with more severe overgrowth phenotypes (such as macrocephaly) in patients. Moreover, it was found that the risk of developing early-onset cancers and classical hamartoma-related features of PTEN Hamartoma Tumor Syndrome (PHTS; aka having a germline PTEN mutation) is significantly higher in certain DMS-defined variant classes.

Stetson graduated from Denison University where he majored in biology and English literature. Before graduate school he participated in summer undergraduate research in the laboratory of Dr. Charis Eng.

He enjoyed his experience immensely and learned a lot. After college he joined the Molecular Medicine PhD program and the Eng laboratory in the Genomic Medicine Institute.

After joining the Molecular Medicine program, he was happy to restart his work in the Eng lab as a PhD candidate. His project is concerned with mapping PTEN genotype-phenotype relationships with the goal of understanding why certain mutations in PTEN increase risk for cancer while others increase risk for autism. He is also working to leverage -omic datasets on PTEN models to understand more about PTEN-autism spectrum disorder (ASD) pathogenesis.

Outside of research Stetson enjoys exercising and fitness, as well as reading literature.

“Training at Lerner allows you the unparalleled resource of the world class research hospital which facilitates translational biomedical research.” -Stetson Thacker
Meet your LPDA Leaders

Kelly Mitchell, PhD | Executive Board Co-President

Dr. Mitchell grew up in the small suburb of Armonk, New York, located about 30 miles north of New York City. Dr. Mitchell did her undergraduate studies at University of North Carolina at Chapel Hill where she studied biology and environmental health science. She obtained her PhD at Albert Einstein College of Medicine in the Bronx, NY in 2018. She is currently studying the role of an epigenome-modifying complex in glioblastoma cancer stem cells in Dr. Justin Lathia’s lab. Her team is working with the Center for Therapeutics Discovery at Cleveland Clinic to develop small molecule inhibitors that disrupt the function of this complex as a therapeutic strategy for glioblastoma, which is an aggressive and fatal brain tumor. While interviewing at Cleveland Clinic, she was impressed by the trainees she met. Everyone was enthusiastic, driven, bright, friendly, and down-to-earth. The PIs were open to providing mentorship and developing basic research and clinical collaborations. Dr. Mitchell believes she is good at seeing all points of view and acting as a mediator. She values integrity, will follow through if she says she will do something, and tries to be a good listener. As Co-President, Dr. Mitchell would like to build a stronger sense of community among trainees at Lerner. She would like to offer postdocs additional platforms to connect with peers and mentors about science and career advancement. She thinks it’s important that postdocs have a social support network because there are many ups and downs in research. Outside of the lab, she loves exploring the beautiful neighborhoods, hiking trails, bike routes, parks, and beaches in Cleveland (bringing her dog along when she can)!

Priya Putta, PhD | Executive Board Coordinator

Dr. Putta is from Mumbai, India. She did her undergraduate studies at Sophia College for Women - University of Mumbai. After Dr. Putta earned both her BS and MS degrees in microbiology, she moved to the U.S. to pursue her PhD in cell and molecular biology at Kent State University in Ohio. During her PhD, she investigated the fundamental nature of lipid architecture and its influence on protein interaction in plants, that in turn dictates the fate of many cellular processes. She is currently working in Dr. Linda Graham’s lab as a postdoctoral fellow. Her interest centers around understanding the role of oxidized lipids in endothelial cell healing upon injury. The big picture view of her research is to enable our bodies to recover and heal from cardiovascular surgery faster, more efficiently, and without scar production, thus avoiding complication and reoperation. Dr. Putta is a team player who is able to manage the needs of others before her own to lead the team forward. She is able to listen, empathize, and resolve problems as they arise. Dr. Putta strongly believes in leading by example, and feels that leaders need to be the change they want to see versus a “do as I say, not as I do” attitude. Her greatest strength is being able to critically evaluate a situation by understanding the facts. She believes this helps to achieve beneficial outcomes to resolve and advance from the situation. As the Coordinator for LPDA, her goals are to learn from what has already helped and worked for the team, and understand where LPDA can improve and help bridge the gap to advance the reach of LPDA to all trainees. Outside of the lab, Dr. Putta enjoys rowing and being outdoors appreciating nature.

“LPDA has provided me with resources to make the most of my time as a postdoc at Cleveland Clinic – I encourage postdocs in all stages of their training to join!”

-Dr. Kelly Mitchell

“I have long been intrigued by lipids and their silent role in nature. Cleveland Clinic gives me the opportunity to pursue my passion for lipids and understand their role in human diseases and health.”

-Dr. Priya Putta
Upcoming Events

LEADERS Seminar Series

2020
LEADERS
Series for Lerner Research Institute Trainees

LERNER EXPERIENCE IN ADVANCED DEVELOPMENT
OF EDUCATION AND RESEARCH SKILLS

Grant Writing

Part 2

- Provides Lerner trainees with career development tools that will accelerate their professional development.
- Sessions open to all Lerner Research Institute trainees.
- 12 sessions in 2020
- Receive a certificate of completion if 75% of sessions are attended.

WHO: Cassandra Talerico, PhD
Science Writer, Department of Cancer Biology, LRI

WHEN: September 14, 2020
4:00 - 5:00 PM

WHERE: Virtual (Zoom)
Upcoming Events

CELEBRATE

NATIONAL POSTDOC APPRECIATION WEEK

SAVE THE DATE!

SEPTEMBER 21-25, 2020

This a great opportunity to demonstrate our support for the contributions postdocs make to research and development.

MORE DETAILS TO FOLLOW
Upcoming Events

The Lerner Postdoctoral Association
Career Development Seminar Series

Careers for Scientists in Patent Law
Everything you wanted to know about the field of patent law but were afraid to ask

Richard S. Wesorick, BSME, JD
Attorney at Law, Managing Partner
Tarolli, Sundheim, Covell & Tummino LLP

Thursday, September 24th
Zoom 2:00PM

As the Managing Partner for the 32-lawyer Tarolli law firm based here in Cleveland and 20+ years in protecting inventions in medical technologies, Mr. Wesorick will share his insights on the field of patent law, trends in the field, requirements for entering the field, and career opportunities.
It’s that time again! Join one of the teams at Lerner to join the Cleveland AHA Walk - digitally!

This year’s reimagined Heart Walk will be the biggest ever, as we bring the experience right to you! You can walk wherever you are, joining 1 million walkers from across the nation.

Almost half of those hospitalized with COVID-19 are stroke survivors or people with heart disease. They’re counting on us now more than ever! Your donations will help fast-track research and train front-line workers while we continue the fight against heart disease and stroke.

Join a team here now!
Recent Events

Highlights from the LEADERS seminar

Grant Writing Part 1
- Maksim Sinyuk, PhD

Did you miss the virtual LEADERS seminar on ‘The Challenge of Writing (Grants) - Part 1’ presented by Dr. Cassandra Talerico? Here is the recap!

In our current hypercompetitive funding climate, it is critical for investigators at all stages of their careers to write clear, cohesive, and compelling proposals for the limited number of awards. However, before brainstorming and planning the next scientific breakthrough, investigators need to be aware of available funding sources, including their associated mission statements, funding priorities, and application processes. Dr. Cassandra Talerico is the scientific writer for the Department of Cancer Biology and joins us to discuss the ins-and-outs of successfully navigating the complex world of grantsmanship. She provides her insights into finding a funding partner to help make your next scientific proposal a reality.

Be realistic when deciding to apply for funding

Dr. Talerico advises that researchers thoroughly scrutinize their funding needs. Be aware of the type of funding you require. You may want to seek smaller non-profit, charitable organizations as your source of support or apply for funding from larger, more established grant-awarding institutions. Be sure to apply only for the amount of funding you require - requesting too little or too much may harm your application. Be cognizant that each type of institution may also have its own application and award process which can take up to a year from the time of grant submission to funding distribution.

Match your work to the sponsor’s research program

According to Dr. Talerico, one of the most common mistakes made by investigators, when applying for grants, is their oversight of the priorities behind a funding agency’s choice to fund or pass on a particular proposal. She cautions that you must adapt your interests and expertise to what the sponsor wants. Accordingly, grant programs do not exist to make you successful but rather it is your job to make them succeed by adopting an attitude of service instead of scholarly passion. This is especially important when applying for private foundation awards as these entities are non-governmental and are often not-for-profit. They typically have their own funds or endowments, but it is up to the trustees or directors to manage them according to the founder’s original purpose.

Consider the geographic location and mission statement of potential funding institutions

Look for funding sources specific for your area of interest instead of trying to tailor your proposal to fit within the constraints or requirements of the funding institution. Be aware of funding sources within your geographic region. Some may only fund local investigators while others may provide national or even international support. Be diligent and understand the sponsor’s purpose and mission in the creation of their program. Some sources may have limitations on the amount of funding or the eligibility of potential applicants. Some may even have restrictions placed on awards such as a prohibition on animal testing or the use of human subjects for clinical purposes.

Federal funding guidelines and support

For those applicants interested in pursuing federal funding for their proposals, Dr. Talerico suggests they familiarize themselves with the two largest sources of such support, the National Institutes of Health (NIH) and Department of Defense (DoD). Each has a specific mission statement: the NIH is focused on the pursuit of science to advance fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to extend healthy life and reduce the burdens of illness and disability. The DoD manages collaborative research that discovers, develops, and delivers health care solutions for service members, veterans, and the American public. With these objectives in mind, she cautions that investigators should not forget that each institution is composed of multiple awarding centers with their own missions, funding priorities, grant support, budgets, and procedures. It is up to the investigator to understand which institute supports their research area, including the proper usage of grant mechanisms and the rules for application. All things considered, Dr. Talerico closed by reminding the audience to familiarize themselves with the NIH and DoD Congressionally Directed Research Program websites to identify potential funding opportunities and most important of all to follow the provided application instructions.

A copy of the slides from this presentation can be found on the intranet here.
Recent Events

Biomedical Engineering “virtual” summer internship offers students a chance to learn and create during pandemic

To help replace internship opportunities lost by the COVID-19 pandemic, the Biomedical Engineering (BME) Alliance—a partnership between BME departments at Cleveland Clinic’s Lerner Research Institute and Case Western Reserve University (CWRU)—recently created and offered a “virtual” summer internship experience.

The internship ran from June 9 to August 13, and generated tremendous interest. By the time the program started, more than 500 students—who otherwise would have spent the summer working closely working with engineers and graduate students in labs—had registered from more than 50 universities around the world, including schools in Peru, England and Australia.

During the internship, undergraduate students participated in the following activities:

- Seminars focused on undergraduate student interests (careers in BME, applying to graduate and medical school, basics on presenting and writing scientific papers, etc.)
- Ten “fireside chats” with leading BME staff and faculty from both institutions on their research areas
- A “virtual tour” of the BME departments at both institutions
- Ten design classes led by Matt Williams, PhD, who teaches the CWRU BME senior design course
- A remote research/design project focusing on the response to the COVID-19 pandemic. Projects included a number of innovative mask designs, mask-sterilizing systems and online training courses on the importance of wearing masks at school. This assignment culminated in an online “pitch competition” at the end of the internship, in which students created videos that are now featured on YouTube. (The competition ends on August 28, and the team with the most “likes” will win. You can watch, and vote on, the videos here.)

Lerner BME personnel who took part in the internship included Elise Baron, PhD; Jill Beveridge, PhD; Kathleen Derwin, PhD; Aaron Fleischman, PhD; Vijay Krishna, PhD; Xiaojuan Li, PhD; Jinjin Ma; Paul Marasco, PhD; Sara Al-Nimer; Ellen Klonowski; Nicole Byram; Sheronica James, PhD; Snehal Chokhandre; Ariel Schwartz; Chaitali Ghosh; PhD; Matthew Rudy; Robin Crotty; and D. Geoffrey Vince, PhD chair of the BME department. Jon Sakai from Cleveland Clinic Innovations was also a faculty member.

CWRU internship guides included Stephen Fening, PhD, associate professor of BME; Matt Williams, PhD, assistant professor of BME; and Robert Kirsch, PhD, chair of the CWRU BME department.

Robin Crotty, MA  
Supervisor of BME Education

Matt Williams, PhD  
Assistant Professor of BME

Stephen Fening, PhD  
Associate Professor of BME

Cont on page 14..
Recent Events

SUMMER 2020
VIRTUAL INTERNSHIP

Follow us for real-time updates!

#BMEinCLE

Shelby Gammon is a junior at the University of Texas at Austin, majoring in biomedical engineering. Her design group, which included students from Georgia, Iowa, and Massachusetts, created the C.A.S.E (COVID-19 Awareness, Safety and Education) training modules to educate students about the virus and provide tips for staying safe as they return to campus.

“I had a great time participating in this internship!” she says. “The seminars and fireside chats were very interesting and covered such a wide range of topics within our field. I really enjoyed the project and working with students from across the country. Though completing the project completely virtually had its challenges, it was such a memorable experience, and I’m super proud of the final product that we were able to create.”

Ian Stabl is a senior at Baldwin Wallace University with a double major in neuroscience and psychology, and a minor in biology. After taking part in the virtual internship, Ian is looking into the MD/PhD program at CWRU.

“There are so many students who would like the chance to understand how graduate school works and how BME can be a great fit for them,” he says. “The BME Alliance created a great program for this.

“I also really appreciated the many PIs and graduate students who talked about their work and how they got to the place that they are now. It really helped me get perspective on how I will achieve my goals in neuroscience as a future physician.”

Dr. Vince, who gave a fireside chat on his careers in both the biotech industry and academia, found this unique internship to be an extraordinary experience. “It’s been an incredible honor and privilege to work with these amazing, driven students,” he says. “We were heartened by the response to the internship, and thrilled that we were able to create this fabulous opportunity in the middle of a worldwide pandemic. I’m grateful to our respective staffs and the BME administrative team for facilitating the internship.”

Robin Crotty, department manager and supervisor of BME education, was an internship guide and faculty member. “A part of our mission is to further educate those who serve, and with this internship we were able to do just that. It was so important to us to allow these students to have a meaningful summer experience even though we couldn’t have them physically here with us on campus.

“We are completely floored by their final projects,” she continued. “The creativity and innovation showcased in the videos is beyond what we ever expected, and some of the teams are even pursuing bringing their ideas to market, which could ultimately help patients.”

D. Geoffrey Vince, PhD, Chair, Department of Biomedical Engineering

LERNER TRAINEE NEWSLETTER
Fun outdoor activities around Cleveland: beyond Metroparks

-Rita Tohme, PhD

Summer in Cleveland equals plenty of fun outdoor activities on both the east and west sides. While our previous newsletter featured activities at the Metroparks, this list will provide you with more entertainment ideas to satisfy all tastes!

**Visiting the Holden Arboretum.** Covering 3,500 acres, the [Holden Arboretum](#) is among the largest arboreta in the US and was named an Important Bird Area by the Audubon Society. A haven for birds and nature enthusiasts, with more than 20 miles of hiking trails, the Arboretum also includes a visitor center, a reference library, and a picnic area.

The Holden Arboretum welcomes both members and general public Tuesday through Sunday (9 AM - 5 PM), including this Labor Day (Monday, September 7) for as low as $15 per adult and $10 for children (ages 3 - 12 years old). They closely adhere to the public health guidelines, provided by federal and state authorities.

Starting Saturday, August 29, 2020, the Patrick Dougherty’s *Stickwork* outdoor sculpture experience will be coming for the first time to Northeast Ohio. It was featured in more than 300 locations around the world! This exhibit will feature twisting mazes, towering castles and hedges full of faces. For ticket information, visit [holdenarb.org](#) (pre-registration is required). The Holden Arboretum is located at 9550 Sperry Rd, Kirtland, OH 44094.

**The Drive-In Theater Experience.** This is probably one of the best things out there if you miss going to the movies! Whether you decide to go to the [Aut-O-Rama Twin Drive-In](#) (which was built in 1965!), the [Mayfield Road Drive-In Theater](#), or the [Midway Twin Drive-In Theater](#), you can enjoy high-definition movies on a digital projection. Even better, it is one price per carload. The movie sound is stereo FM, so make sure you bring a working radio. You can enjoy the movie from the comfort of your own vehicle, but you can also bring blankets and lawn chairs if you plan on sitting outside. You can buy passes and reserve a spot online. The featured schedule is released weekly or bi-weekly and the 2020 season will last until the end of September.

**River Cruiser Kayaking.** The [River Cruiser Kayaking](#) is a mobile kayak rental service based in Cleveland that specializes in small private outings for groups who are looking to tour the rivers and lakes in Northeast Ohio. Whether you are interested in kayaking lessons, single kayaking recreational touring, or tandem recreational kayaks, make sure to make advance [reservations](#) at least 24 hours prior to the desired start time.
Now Hiring

Postdoctoral Fellow position in Neurosurgery/Neuro-oncology | Emory University, Atlanta, GA
The Boulis laboratory in the department of Neurosurgery at Emory University-Atlanta, GA- is seeking a capable and self-motivated individual to oversee projects involving the development of a lentiviral vector-induced glioblastoma model in the brain of a large animal (swine). Our lab is also strongly interested in the molecular characterization of the model, as well as therapeutic approaches, including resection and treatment options.
For general information about the laboratory click here. The candidate should hold a Ph.D. in the appropriate field and have a strong background in neuro-oncology and related areas. The ideal candidate should also have previous understanding and experience in gene therapy/vectorology and molecular biology. The candidate should also have excellent oral and written communication skills and the ability to work as part of a team. Surgical experience is preferred. Interested individuals should send their curriculum vitae and list of references to tfederi@emory.edu.

Assistant Professor | The Ohio State University Wexner Medical Center
Assistant Professor (Job Opening 460858) - Serves as a faculty member in the department of Cancer Biology and Genetics; develops and establishes an independent research program. PhD required in Molecular Medicine, Cancer Biology or related field; Requires successful completion of a background check. Qualified candidates may be asked to complete a pre-employment physical, including a drug screen. For more details click here.

Assistant Professor-Department of Physiology and Biophysics | Case Western Reserve University, Cleveland, OH
The Department of Physiology and Biophysics at Case Western Reserve University School of Medicine is seeking qualified candidates for a full-time faculty position at the rank of Instructor or Assistant Professor (non-tenure). Applicants must hold a Ph.D. in Physiology, Pharmacology, or related disciplines, or an M.D. or D.O. degree. For more details click here.

Assistant Professor-Human Genetics | Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, US
Seeking a talented individual for a position of Assistant Professor to conduct research both independently and collaboratively; to participate in teaching, training, scholarly activities and/or service/administration. PhD degree in a related scientific or research field; three years related experience in research field research and/or Lab experience assisting with the preparation of data for presentation at scientific meetings; Associate Professor appointment or eligibility is required. For more details click here.

Assistant Professor Faculty position-Department of Population and Quantitative Health Sciences | Case Western Reserve University, Cleveland, OH
The Department of Population and Quantitative Health Sciences at Case Western Reserve University (CWRU) School of Medicine (http://pqhs.case.edu/) seeks to fill a faculty position in Biostatistics at the Assistant or Associate Professor rank in either the Tenure or non-Tenure track. Looking for expertise that complements current areas of research (statistical genomics, complex longitudinal statistical modeling, modeling of health impact of environmental and behavioral factors, correlated data analysis, big data analytics, clinical trials and causal inference). A Ph.D. or equivalent degree in biostatistics or a relevant quantitative discipline is expected. For more details click here.

Scientist -Drug Discovery | SBH Sciences, Natick, Massachusetts
Currently seeking a motivated Scientist for our drug discovery team that will be involved in internal / client programs mainly related to neuroscience, oncology, and fibrosis and will identify and validate novel targets for drug discovery programs. In this position, you will develop and perform new cell-based assays including neurological assay, primary immune cells / NK cells, T-Cell activation, and investigate the tumor microenvironment. For more details click here.
Congratulations to Young Jun Shim, PhD from the Baldwin lab in the Department of Inflammation and Immunity (current lab: McCrae lab in the Department of Cardiovascular and Metabolic Sciences)!


Congratulations to Caroline Schuerger from the Saunthararajah lab in the Department of Translational Hematology & Oncology Research!

Caroline Schuerger recently published an opinion piece titled, “Why isn’t Ohio listening to science anymore?” in Crain’s Cleveland Business. Click here.

Congratulations to Abhishek Asthana from the Silverman lab in the Department of Cancer Biology!

Dr. Asthana recently gave a presentation at the American Society for Virology conference’s virtual workshop organized by Colorado State University, Fort Collins, CO on June 16th, 2020. The title of the talk was, "Characterization of the phosphodiesterase activity of NS4b from Middle East respiratory syndrome coronavirus."

Congratulations to Alyson Wolk from the Anand-Apte lab and Mala Upadhyay from the Bonilha lab in the Department of Ophthalmic Research!

Alyson Wolk and Dr. Upadhyay recently published a co-first-author paper titled, “The Retinal Pigment Epithelium in Sorsby Fundus Dystrophy Shows Increased Sensitivity to Oxidative Stress-induced Degeneration” in Redox Biology. Click here.
Wellness Resources

New! Kickboxing, yoga and more on demand

Author: Caregiver Communications
Original Article: click here.

Our lives have changed. We’re adapting to living during the pandemic. Employee Wellness continues to be there for you to live your healthiest life.

That’s why they’ve created on-demand fitness classes you can do from the comfort of your home. All caregivers and their families are can take these free virtual classes.

Are you into yoga? Or are you more into strength training? There’s something for all of us. Click the original article link above to get started!

Well-Being, Self-Care and Emotional Support for Caregivers

Please note: A connection to the Cleveland Clinic network is required to access many of these resources.

For a more detailed and complete list of resources, please visit this link.

Caregiver Experience Wellness Portal: disconnect, unwind or say thank you virtually

Caring for Caregivers: confidential services that preserve, restore and enhance wellbeing of our caregivers. Available at 1-800-989-8820 (including new Boost telephone appointment).

Cleveland Clinic Office of Caregiver Experience on Facebook and Instagram.

Connect Today/Learner Connect: resiliency resources to help you manage complex, changing times (virtual meetings, change and stress management, and communication)

Occupational Health: If you have further questions about COVID-19 please contact the COVID-19 Caregiver Hotline at 216-445-8246.

OneClick to Well-Being: well-being information and resources for staff

Spiritual Care and Healing Services: information for the religious and spiritual needs of CCF patients, their families and loved ones, and Cleveland Clinic caregivers. (216) 444-2518

CCPD Victim Advocacy: resource to help educate and support the CCF community on DV. Email the committee at: dvcommittee@ccf.org

LERNER TRAINEE NEWSLETTER
Behind the Scenes

This newsletter is written by the communications teams of the LPDA Leadership Council, LGSA Leadership Team and fellow trainees. We welcome your questions and suggestions!

Email lri-postdoc-assoc@ccf.org to connect with us.

LPDA Communications Team
Kelsey Bohn, PhD; Kirsten Evonuk, PhD; Mihyun Hwang, PhD; Isha Kapoor, PhD; Morgan Rogers-Carter, PhD; Maksim Sinyuk, PhD

LGSA Communications Team
Abigail Dooley, Jasmine Gajeton

---

LPDA Leadership Council

Executive Board
Co-Presidents: Maksim Sinyuk, Kelly Mitchell
Coordinator: Priya Putta
Treasurer: Elise Baron

Career Development and Resources
Chair: Christina Cajigas-Du Ross
Members: Ayesgul Balyimez, Sumit Bhutada, Metis Hasipek, Priya Putta

Mentorship/Advocacy
Chair: Emily Esakov
Members: Elise Baron, Defne Bayik, Christina Cajigas-Du Ross, Vivek Narayan, Jie "Jane" Yang

Communications
Chair: Kirsten Scarlett Evonuk
Members: Kelsey Bohn, Mihyun Hwang, Isha Kapoor, Morgan Rogers-Carter, Maksim Sinyuk

Social/Outreach
Chair: Benjamin Krishna
Members: Vijay Nagampalli, Vivek Narayan, Lingjun Zhang, Yee Peng Phoon

LGSA Leadership Team

President: Gabrielle Mey
Chair of Public Relations: Abigail Dooley
Chair of Community Outreach: Morgan Engelhart
Chair of Student Engagement: Nazmin Bithi
Chair of Professional Development: Shilpa Rao
General Members: Kristin Allan, Morgan McGrath, Katie Trolke, Alyson Wolk, Raneem Khedraki