December Newsletter

It is hard to believe that we are nearing the end of 2019 already. There is still so much to look forward to!

This month we feature Lerner alumnus Dr. Golam Sharoar, fellow Dr. Morgan Rogers-Carter, and graduate student Chase Neumann.

We also provide recaps of recent LEADERS seminars, highlights from the 39th Annual Cleveland Clinic Research Day, the Molecular Medicine Program’s 2019 Student Showcase, photos from the LaRtI and LPDA Friendsgiving potluck as well as upcoming events that you won’t want to miss!

If you enjoy writing, be sure to take a look at an opportunity to submit your piece to the Cleveland Clinic Lerner College of Medicine’s medical humanities journal, Stethos, on page 20.

Don’t forget to submit your accomplishments so they can be featured in our newsletter and, as always, stay active on our LinkedIn group.

Join our LinkedIn group

The Lerner Postdoctoral Association and Alumni Network is a group of current and former postdoctoral fellows, research associates and graduate students at Cleveland Clinic Lerner Research Institute. Our goals are to provide opportunities for career development, networking and highlighting our scientific achievements. We also post reminders about upcoming events, so make sure to turn on notifications.

Request to join today and tell all of your fellow trainees!
LPDA Executive Board
Co-Presidents: Defne Bayik and Maksim Sinyuk
Secretary: Nneha Sakre
Treasurer: Elise Baron

Career Development and Resources
Chair: Vishal Nanavaty
Members: Christina Cajigas-Du Ross and Xiaoqin Wu

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

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

Social/Outreach
Chair: Benjamin Krishna
Members: Vijay Nagampalli, Vivek Narayan, Lingjun Zhang and 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: Kristín Allan
General Members: Allison Grenell, Morgan McGrath, Kayla Merritt, Katie Troike, Shilpa Rao, Alyson Wolk
When did you work in Lerner and in which lab?
I joined as a postdoctoral fellow in Dr. Riqiang Yan’s (currently Professor and Chair of the Neuroscience Department at University of Connecticut Health) lab in the Department of Neurosciences in September 2013.

What did you work on at Lerner?
My research focused on pathological aspects of Alzheimer’s disease (AD), the most common form of aging-associated dementia. The actual causes of the onset of AD are not clear, however, the formation of β-amyloid (Aβ) peptide-composed neuritic plaque in the brain is a major histopathological feature of AD patients’ brains. My PhD study at Chosun University, South Korea, focused on the aggregation properties and cell toxicity mechanism of Aβ peptides. During my postdoctoral studies at Lerner, I investigated the mechanisms of the formation of dystrophic neurites (DNs), which is a distinguishing pathological feature of AD. DNs often appear in amyloid plaques surrounding the area of a neuritic plaque in AD brains, but are absent in the diffuse amyloid plaques of normal elderly human brains.

Where are you now, and what do you work on?
Currently I am an Instructor in Residence in the Department of Neuroscience at University of Connecticut Health Center. I am continuing my endeavor to better understand the mechanistic detail of DNs formation in AD brains, as well as extending my studies to understand the cellular homeostasis dysfunction during disease and in AD pathogenesis. Particularly, I am investigating how cell-specific dysfunction of autophagy and endo-lysosomal systems can cause accumulation of undesired proteins/organelles during aging, which may induce a pathological condition such as AD.

How did being at Lerner prepare you for your current role?
I am junior faculty at my present institute and am looking for a tenure-track position. Most of my postdoctoral training was at Lerner. Therefore, the time I spent at Lerner was very important for me to prepare myself for my current role and for stepping forward toward my career goal. I served as a member of Lerner Postdoctoral Association (LPDA) and Postdoctoral Advisory Committee (PAC). I would say that getting involved with the activities of LPDA and PAC helped me enhance my ability to build networks with my peers, interact with faculty, understand different career paths, and find collaborative opportunities. Besides bench work, I believe that I had enough resources at Lerner for my personal development during my postdoctoral tenure.

What is something you miss from your time at Lerner?
I miss lots of things at Lerner, but particularly the cultural diversity among employees.

How was the transition to your current role?
I moved with my postdoctoral mentor to our current institute, so the transition was smooth as a whole team. However, getting into the new role as a junior faculty was full of excitement, even though it’s not an independent position. My current role has provided more opportunities to build networks and collaborations with faculty and to participate in academic activities.

What is your favorite part of your current job?
My favorite part is the excitement during the period between making a hypothesis and investigating it by doing experiments.

What advice would you give current Lerner postdocs?
A quote from an article by LPDA postdocs, “Science is love and a fervent love brings success.”
Dr. Morgan Rogers-Carter is a Cleveland native. She completed her undergraduate studies in neuroscience at Baldwin-Wallace University in 2013, where she conducted research to elucidate the role of the periaqueductal grey in fear extinction learning using an animal model of post-traumatic stress disorder. In her junior year, Morgan participated in a summer undergraduate research fellowship at the University of California, San Diego Department of Pharmacology, after which she decided to pursue a PhD. Morgan attended graduate school at Boston College to study behavioral neuroscience under the guidance of her mentor, Dr. John Christianson. The goal of her thesis was to identify specific brain pathways that could contribute to the social impairments often observed in psychiatric and developmental disorders like autism and schizophrenia. Her thesis work described the mechanisms by which the neuropeptide oxytocin augments neuronal excitability in the insular cortex during social interactions, and that insular cortex neuronal projections to the nucleus accumbens underlie social approach and avoidance behaviors. Morgan was awarded a National Science Foundation graduate research fellowship for this research, which was published in Nature Neuroscience and The Journal of Neuroscience. She also completed the advanced training course in neurobiology at the Marine Biological Laboratory in Woods Hole, MA in 2017, during which she became enthralled with imaging technologies and related techniques. Morgan joined the Imaging Core here at Lerner as a postdoctoral fellow in August of 2019. She is passionate about helping other researchers and enjoys working with scientists across many disciplines. Outside of work, Morgan enjoys teaching at Cleveland State, cooking, exploring Cleveland, and skiing.
Chase Neumann is a graduate student who recently won the Molecular Medicine Student Showcase Best 5th Year Oral Presentation Award, as well as a nomination for the F. Merlin Bumpus Junior Investigator Award at this year’s 39th Annual Cleveland Clinic Research Day. Chase is from Eagle, Idaho and graduated from Honors College at Boise State University majoring in biology. Prior to graduate school, Chase participated in the Undergraduate Research Experience at Boise State University in the laboratory of Dr. Greg Hampikian on small penetrating peptide cancer research. Chase is a 5th year student in the Molecular Medicine PhD Program where he joined the laboratory of Dr. Mark Brown in the Department of Cardiovascular and Metabolic Sciences. His research focuses on lipid metabolism to hopefully better treat kidney cancer, specifically the role of phosphatidylinositolos or PI’s in cancer. PIs are a necessary phospholipid for vesicle trafficking and signaling events within the cell including PI(3)Kinase, Akt, and many GTPases. Chase has identified a role for arachidonic acid-containing PI and Lands' Cycle partner, MBOAT7, in the advanced form of kidney cancer. With the help of CRISPR/Cas9, kidney cancer cells with MBOAT7 deficiency have reduced in vitro growth, in vivo tumor formation, and migration. He has also found, upon further testing, that MBOAT7 deficiency leads to reduced glycolytic gene expression, protein expression and respiration. He chose to pursue his thesis in the Brown lab because it is a great place to work. He appreciates the diversity of people and projects in the lab and as the only person in the lab who studies kidney cancer, it brings many different perspectives to help drive the project forward from all across the lab. The Brown lab’s philosophy is that anything related to lipids and the microbiome is free game. Outside of research, Chase enjoys spending time with his wife, dog, hanging out with friends and doing triathlons!

“My best experiences training at Lerner have been through patient and clinician interactions, resources (all Core services), and the faculty input.”

-Chase Neumann
MEET YOUR LPDA SOCIAL/OUTREACH COMMITTEE

Dr. Vijay Nagampalli is from a coastal city called Visakhapatnam in the southeastern state Andhra Pradesh in India. He earned his master’s degree in biochemistry from University of Hyderabad and his PhD from the Indian Institute of Science, Bengaluru. He started as an experimental molecular geneticist, worked extensively in the field of RNA-mediated gene expression, and is currently working on integrating multi-omic data in cancer using Machine Learning (ML) methods. His primary interest is to apply his molecular genetics knowledge to various pathological conditions. Many of the scientists here at Cleveland Clinic work extensively on various diseases and he chose to work with Dr. Daniel Blankenberg to develop ML tools for predicting transcriptomic perturbations during cancer development. He enjoys listening and learning classical Indian Carnatic music and has fascination with space and aviation, and he can fly a plane using flight simulator gaming software. Recently, he has also developed an interest in nature photography.

MEET YOUR LGSA LEADERSHIP TEAM

Nazmin Bithi is a graduate student from Bangladesh. She received her Bachelor’s in pharmacy from the University of Asia Pacific, Bangladesh. She is a 3rd year Clinical Bioanalytical Chemistry student in the laboratory of Dr. Christopher Hine. She has multiple ongoing projects in the Hine lab including one with a manuscript under submission in *Cell Metabolism* on tissue specific and cystathionine γ-lyase dependent protein sulfhydrome under dietary restriction and/or 50% calorie restriction. She is also working on a study focusing on tissue sulfhydrome status of aged mice and another in collaboration with the Lathia lab focused on endogenous H$_2$S suppression in Glioblastoma cell progression. Nazmin chose to work at Lerner because it offers great collaboration opportunity with top-notch scientists and a great work environment overall. She appreciates the opportunity to learn valuable research techniques, instrumentation (Mass Spectrometry), and professionalism. Nazmin enjoys fishing, watching Netflix, and playing with her cat.
UPCOMING EVENTS

Lerner Experience in Advanced Development of Educational and Research Skills (LEADERS)

Starting Your Own Lab

- Provides Lerner trainees with career development tools that will accelerate their professional development.
- Sessions open to all postdoctoral fellows and graduate students.
- 20 sessions in 2019
- Receive a certificate of completion if 75% of sessions are attended.

WHO:
- Christopher Hine, PhD
  Department of Cardiovascular & Metabolic Sciences, LRI
- Sarah Schumacher-Bass, PhD
  Department of Cardiovascular & Metabolic Sciences, LRI
- Jessica Williams, PhD
  Department of Neurosciences, LRI

WHEN: December 9, 2019
3:00 - 4:00 pm

WHERE: NE1-205

End of 2019 TGIF
December 13th, 2019 from 5:00 PM - 7:00 PM in the Lerner Commons. 
Come celebrate our accomplishments with food, drinks and music while Dr. Erzurum recaps some of the highlights!

Cleveland Clinic Children's Fundraiser
Every Friday from Nov. 1st through Dec. 20th, visit International Café in the H building to contribute. This fundraiser provides stuffed animals for inpatient and outpatient children for the holidays.

Help save a life this holiday season with the Red Cross Blood Drive
December 18th, 2019 from 9:00 AM - 2:00 PM in the LL Atrium. For more information, click here.
UPCOMING EVENTS

SAVE THE DATE

Trainee Holiday Party

DECEMBER 18
4-7 PM
LERNER COMMONS

Formal invitation with RSVP to follow.
UPCOMING EVENTS

The LPDA is coordinating with Cuyahoga County Children and Family Services to run Hope for the Holidays 2019. Hope for the Holidays provides gifts for children of all ages in foster care, thanks to donations from individuals and organizations in the Cuyahoga area. There are boxes around Lerner for people to donate items, which will be collected on December 10th. Items do not have to be gift wrapped, just placed in the boxes for collection. There are almost 2,900 youth in foster care in Cuyahoga county, which is a 16% increase from last year! Help to make the holidays a little brighter for local children by donating.

**Suggested Donations:**
- Diapers, Pull-Ups and/or Wipes
- Baby Care Items
- Convertible Car Seats/Booster Seats
- Books for all age ranges
- Shoes for all sizes and genders
- Coats
- Dolls of all ethnicities
- Legos
- Tablets
- Infant/Toddler educational toys

**Donation Box Locations:**
- NE5-300 (Janice Blount’s office)
- LRI Commons
- NB5 in front of the CVMS administrative office
- R4 (by Tonda Lanton’s office)
- The Neurosciences department office (NC3-137)
- NC right in front of the mailbox

In 2018 we gave over 3,500 youth gifts because of the generosity of our community!

Help bring joy to children in Cuyahoga County foster and kinship care this holiday season by donating a new toy or a $25 Gift Card!

For more information on this program and others please contact:
Kristin Gardner
Outreach Coordinator
Kristin.gardner@jfs.ohio.gov
216-881-5301
UPCOMING EVENTS

Lerner Graduate Student Association

Volunteer at the Food Bank in the spirit of the Holidays on Dec. 6th!

Register to volunteer here!

LGSA is calling all volunteers

There are more than 330,000 Northeast Ohioans who are food insecure, and the Food Bank plans to distribute 58 million meals by the end of 2019—so we need your help to assist in sorting food for the Food Bank to package and distribute these meals.

If interested in participating please contact Morgan Engelhart at engelho@ccf.org

OR

Register using the link below:
http://cerv.is/m?0136g80aQ0A

Inviting all LRI Trainees

When
Thursday, December 5, 2019
6–8 pm

Where
Greater Cleveland Food Bank

What
Help sort and restock food items

All graduate students, post-docs, and research associates welcome!
Did you miss the LEADERS seminar on ‘Clinical Research’ by Colleen Rouse, MS, RN? Here is a recap!

Colleen Rouse, MS, RN is the Research Education Manager with the Center for Clinical Research (CCR). She focused this LEADERS seminar on introducing the basics of clinical research. She first took some time to define important terms including different types of studies and the term “clinical trial”. A clinical trial is defined as “a prospective study or experiment comparing the effect of and value of intervention(s) against a control in human subjects.” An intervention could be a device, drug, regimen, etc. and a control group could be placebo, no intervention, current/previous standard therapies, etc. When evaluating different clinical trials, not all are created equal. Colleen referred to Green and Byar’s article from *Statistics in Medicine* (1984) that describes the hierarchy of strength of evidence concerning clinical trials. This shows that anecdotal case reports are the weakest type of evidence compared to confirmed randomized controlled clinical trials that represent the strongest evidence. A blinded and randomized trial represents the gold standard for a robust study. It should have patients and doctors blinded to treatment randomization so that all other management is comparable between groups and the outcome should be assessed the same way regardless of treatment.

She then described the components of clinical trial protocol development, highlighting the importance of the study title, study objective, and bias control. When working with human subjects, it is especially important to consider the ethics of study design. This can be addressed by considering sample size, control groups, sources of bias, and appropriate outcome measures. Finally, Colleen touched on the different phases of clinical trials, the people involved in a multicenter trial organization, and the role of the IRB in human subject research.

A take away message from this talk was that clinical research is not easy and can take a very long time, but when it is properly designed in an ethical way, it can be very impactful. If you are interested in learning more about a career in clinical research, please visit the CCR webpage at [http://intranet.lerner.ccf.org/ccr/](http://intranet.lerner.ccf.org/ccr/). This page lists many resources for workshops, REDCap, Responsible Conduct of Research courses, etc. Trainees who are interested are encouraged to take some of the CCR workshops and to reach out to Colleen Rouse (ROUSEC@ccf.org) and Joan Booth (BOOTHJ@ccf.org) for more information about shadowing opportunities. Visit [this link](http://intranet.lerner.ccf.org/ccr/) for a copy of the PowerPoint slides from this presentation.
Did you miss the LEADERS seminar on ‘Conflict Resolution’ by Laurene Miller, MA, ACC? Here is a recap of the seminar!

Laurene Miller facilitated a highly interactive LEADERS seminar on Conflict Resolution. She used activities centered on the Dreaded Drama Triangle (DDT) which initiates conflicts, followed by a transition into The Empowerment Dynamic (TED) to resolve conflicts. Laurene noted that healthcare professions are among the highest to experience workplace conflicts, and the least trained on how to resolve them. She explained that workplace conflicts are caused by **Pressure + Ruminations = Stress**. While we cannot usually control the pressure of our jobs, we can work on controlling the rumination of problems. For example, if we focus on something negative that happened at work and ignore all of the positive things, we are ruminating on the negative and changing our focus toward always seeing negative outcomes. This is the same thing that happens in our relationships. Humans like to be right, and once we have formed an opinion or an idea, we subconsciously form similar ideas on all new information regarding the topic. This **confirmation bias** can lead to conflicts. If your coworker says something that makes you think negatively about them, you will subconsciously bias all new ideas about them in a negative way, damaging your relationship. Since workplaces, especially in research and healthcare, rely so heavily on good teamwork, it is imperative that we work on resolving conflicts as efficiently as possible. See the 3 Vital Questions for Work and Life below to help you change your focus from the DDT model into a TED model to improve outcomes and develop a healthy relationship and work environment. If you identify yourself as a Rescuer in the triangle, work on altering your behavior to become more of a Coach. If you feel like a Victim, be more like a Creator. If you think you may be the Persecutor of the conflict, try to be more of a Challenger.

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**3 Vital Questions for Work and Life**

1. **Where are you putting your focus?**
   - Are you focusing on problems or on outcomes?
2. **How are you relating?**
   - How are you relating to others, your experience and yourself? Are you producing or perpetuating drama or empowering others and yourself?
3. **What actions are you taking?**
   - Are you merely reacting to the problems of the moment or taking creative action in service to outcomes?

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**THE DREADED DRAMA TRIANGLE (DDT)**

- **Rescuer**
  - Intervenes on behalf of the Victim
  - Thinks they are powerless, unwilling to take responsibility

- **Persecutor**
  - Controls others through blame, criticism and oppression

- **Victim**
  - Focuses on desired outcomes, takes responsibility

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**THE EMPOWERMENT DYNAMIC (TED)**

- **Challenger**
  - Challenges assumptions, focuses on improvement and accountability
  - Empowers people through inquiry

- **Coach**
39th Annual Cleveland Clinic Research Day

**Basic Poster Winners**

**Nazmin Bithi**
“Caloric restriction alters sulfhydrome profiles in major metabolic tissues dependent on cystathionine gamma lyase activity.”
Cardiovascular & Metabolic Sciences
Sponsor: Christopher Hine, PhD

**Chia-Feng Liu, PhD**
“Global analysis of histone modification and long-range chromatin interaction in human dilated cardiomyopathy.”
Cardiovascular & Metabolic Sciences
Sponsor: Wilson Tang, MD

**Elizabeth Sweeny, PhD**
“Dynamic regulation of NADPH oxidase 5 by cellular chaperones, heme and nitric oxide.”
Inflammation & Immunity
Sponsor: Dennis Stuehr, PhD

**Clinical Poster Winners**

**Darlene Floden, PhD**
“The brief assessment of cognitive health (BACH): an automated tool to detect cognitive impairment in adults.”
Neurological Institute

**Marcia Morita Sherman**
“Seizure and cognitive outcomes following temporal lobe resections that spare versus remove a MRI-normal hippocampus.”
Neurological Institute
Sponsor: Lara Jehi, MD
## F. Merlin Bumpus Junior Investigator Awards

Congratulations to the F. Merlin Bumpus Junior Investigator Award finalists and winners!

### Basic Science Category

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<th>Rank</th>
<th>Name</th>
<th>Lab/Institute</th>
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<tbody>
<tr>
<td>1st</td>
<td>Iris Nira Smith, PhD</td>
<td>Eng Lab, Genomic Medicine Institute</td>
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<tr>
<td>2nd</td>
<td>Debjit Khan, PhD</td>
<td>Fox Lab, Cardiovascular &amp; Metabolic Sciences</td>
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<tr>
<td>Finalist</td>
<td>Nilaksh Gupta, PhD</td>
<td>Hazen Lab, Cardiovascular &amp; Metabolic Sciences</td>
</tr>
<tr>
<td>Finalist</td>
<td>Chase Neumann</td>
<td>Brown Lab, Cardiovascular &amp; Metabolic Sciences</td>
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<tr>
<td>Finalist</td>
<td>Nikhil Sharma, PhD</td>
<td>Sen Lab, Inflammation &amp; Immunity</td>
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### Clinical Research Category

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<th>Rank</th>
<th>Name</th>
<th>Lab/Institute</th>
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<tbody>
<tr>
<td>1st</td>
<td>Elif Irem Sarihan, MD</td>
<td>Mata Lab, Genomic Medicine Institute</td>
</tr>
<tr>
<td>2nd</td>
<td>Danny Orabi, MD</td>
<td>Digestive Disease &amp; Surgery Institute</td>
</tr>
<tr>
<td>3rd</td>
<td>Jared Warren, DO</td>
<td>Orthopaedic &amp; Rheumatologic Institute</td>
</tr>
<tr>
<td>Finalist</td>
<td>Muhammad Mohsin Furqan, MBBS</td>
<td>Heart &amp; Vascular Institute</td>
</tr>
<tr>
<td>Finalist</td>
<td>Yuan Hou, PhD</td>
<td>Cheng Lab, Genomic Medicine Institute</td>
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Molecular Medicine Student Showcase
-Katie Troike and Abigail Dooley

The Molecular Medicine Student Showcase is an annual event designed to celebrate student accomplishments and highlight the Molecular Medicine PhD program as a whole. Dr. Christine Moravec, Director of the Research and Education Training Center, kicked off the event by congratulating the students on their excellent work and outstanding achievements. Oral presentations were delivered by select fifth year students, including Caroline Shuerger from the laboratory of Dr. Yogen Saunthararajah, Chase Neumann from the laboratory of Dr. Mark Brown, and Samantha Wightman from the laboratory of Dr. George Stark. The presentations spanned topics from transcription factor function in bladder cancer to metabolism in clear cell renal cell carcinoma and therapeutic targets for glioblastoma cancer stem cells. The Most Outstanding Oral Presentation award was presented to Chase Neumann for his talk entitled “MBOAT7-Driven Phosphatidylinositol Remodeling Promotes the Progression of Clear cell Renal Cell Carcinoma (ccRCC)”.

Following the oral presentations, Dr. Serpil Erzurum, the Chair of Lerner Research Institute, opened the poster session by remarking on the passion of our Lerner trainees and the inspiring work being presented at the event. She emphasized that each fifth year talk incorporated a translational component, achieving the ultimate goal of the Molecular Medicine Program: the integration of medical knowledge into basic science. The following two poster sessions allowed students in their second year and above to present their work to faculty, fellow students, and groups of postdoctoral fellow judges, who evaluated each poster. Awards for Most Outstanding Poster Presentation were presented according to year. Winners included Shilpa Rao (2nd year), Lucas Osborn (3rd year), Megan Zangara (4th year), and Tyler Alban (5th+ year).

Dr. Jonathan Smith, Director of the Molecular Medicine Program, closed out the evening by highlighting the program’s progress since its inception in 2007. Some notable statistics included 43 students currently in the program including six PRISM students, as well as 50 PhD degrees and 5 MS degrees awarded thus far. There have been 8 years of support from HHMI and 5 years of support from an NIH T32 grant. Dr. Smith also praised the students themselves who have collectively been awarded three NIH F31 Fellowships, an HHMI Gilliam Fellowship, an AHA Predoctoral Fellowship, and two CCF RPC Pilot grants.
Molecular Medicine Student Showcase
-Katie Troike and Abigail Dooley

Molecular Medicine PhD Program Graduate Students

2019 Best Oral Presentation

Chase Neumann

2019 Best Poster Presentations

*Not pictured: 4th year winner: Megan Zangara

A word from the Planning Committee:
“We are so grateful for the opportunity to chair the 2019 Molecular Medicine Showcase Planning Committee. This event beautifully highlighted the impressive work being done by all of the students in our program and we were thrilled to be a part of the celebration. Many thanks to all of the faculty, postdocs, and students who helped make Showcase possible. We absolutely could not have done this without your help. We hope everyone enjoyed the event and we look forward to Showcase 2020!”
-Katie Troike and Abigail Dooley, Showcase Planning Committee Co-Chairs
RECENT EVENTS

Dozens of LRI trainees contributed to the Friendsgiving Potluck in November. We had a brilliant spread of dishes from around the world, and lots of talk among friends. Personally, I am thankful for everyone who attended and made the event such a success!

-Ben Krishna, PhD, LPDA Social Committee Chair

The Lerner Diversity Council hosted its annual LaRtI event last month, where Lerner caregivers shared their artistic talents. Attendees had a great time looking at photography, sculptures, paintings, and enjoying entertainment with a night full of performances. The Diversity Council would like to say thank you to the LPDA trainees for their help setting up and tearing down the event! They would also like to thank Dr. Serpil Erzurum, the Office of Diversity & Inclusion and the Lerner Central Office for their help, and everyone at Lerner Research Institute for participating!
LOOKING FOR A JOB? NOW HIRING!

Staff Scientist
Molecular Biology, ThermoFisher Scientific
Seeking a creative and motivated Staff Scientist to join our Molecular Biology Product Development (R&D) team to participate in the development of new products, evaluation of new technology, and sustaining/continuous improvement activities for the Microarray Business Unit within the Genetic Sciences Division in Life Sciences Solutions Group.
For more details [click here](#)

Senior Computational Geneticist
Pfizer, Cambridge, MA, US
The Computational Systems Immunology group is seeking a research scientist with a passion for solving biomedical questions using complex, high-dimensional genetics datasets in conjunction with innovative methods. Ph.D. in computational biology, bioinformatics, biostatistics, human genetics, or related disciplines. 2+ years of relevant post-graduate experience applying quantitative approaches to solving biological problems in academia or industry. Background in human biology/medicine, and experience with biological data and relevant public or proprietary databases relating to inflammatory or immunological diseases desirable.
For more details [click here](#)

Research Fellow
Mayo Clinic, Rochester, MN, US
A postdoctoral position is available immediately in the Division of Hematology Research, Mayo Clinic Rochester. The fellow will join a highly interactive and collaborative research team that focuses on development of novel drugs for treatment of multiple myeloma. Evidence of scientific publications is required in addition to experience in molecular techniques, tissue culture, animal models, and/or protein chemistry. Must have a Ph.D., M.D., or equivalent doctoral degree in a field deemed relevant by the program. Research Fellow is appropriate for individuals who have completed no more than one prior postdoctoral fellowship, at Mayo Clinic or elsewhere.
For more details [click here](#)

Scientific Editor, Clinical and Translational, Cell Press
Elsevier, Shanghai City, China
Looking for passionate and dynamic full-time professional scientific editors to join Elsevier’s new clinical and translational premier research journal. This is a unique opportunity to help launch and shape a premier translational research journal which will be part of the vibrant and growing Cell Press journal portfolio. Hiring at multiple levels of seniority, based on experience and expertise. PhD or MD in a relevant discipline and postdoctoral experience preferred. Previous editorial experience is not required but will be favorably considered. Applicants with pharma experience are also encouraged to apply. Full-time editorial positions that can be based in any of our international offices: USA (Cambridge, MA), UK (Oxford or London), The Netherlands (Amsterdam) and China (Shanghai and Beijing).
For more details [click here](#)

Assistant Professor of Biology, Cellular/Molecular Biology
Western Kentucky University, Bowling Green, KY, US
The successful candidate will deliver high-quality instruction in both undergraduate and graduate courses, including courses in cellular/molecular biology or microbiology in the Biology Department's pre-health curriculum, based on the expertise of the candidate. This is a full-time, 9 month tenure eligible position. Applicants must have completed the Ph.D. in Biology or a relevant subdiscipline of Biology by time of application.
For more details [click here](#)
Congratulations to Dr. Sylvain Ferrandon from the Kalady lab in the Department of Cancer Biology!

Dr. Ferrandon published an original article titled, “CoA Synthase (COASY) mediates radiation resistance via PI3K signaling in rectal cancer” in Cancer Research (November 2019). For more details, click here.

Congratulations to Dr. Vasu Kommireddy from the Fox lab in the Department of Cardiovascular and Metabolic Sciences!

Dr. Kommireddy was selected to give a talk at the 2019 Rustbelt RNA Meeting in Cleveland, OH. The title of the talk was "Translational Control of Leptin by a tRNA Synthetase." For more details, click here.

Congratulations to Dr. Charandeep Singh from the Sears lab in the Department of Ophthalmic Research!

Dr. Singh published an original article titled, “Serine and 1-carbon metabolism are required for HIF-mediated protection against retinopathy of prematurity” in JCI Insight (July 2019). For more details, click here.
Do you enjoy writing? Consider submitting your work to Stethos!

We are thrilled to open submissions for the 10th issue of *Stethos*, the medical humanities journal of the Cleveland Clinic Lerner College of Medicine. In previous issues, *Stethos* has provided a wonderful forum to showcase the incredible diversity and creativity of our students, faculty, and colleagues, and we hope to continue this tradition in our 10th issue. We are seeking submissions of short fiction, reflective writing, poetry, personal narrative, essays, artwork, and photography. Submissions may be about any medicine-related topic (including the trials and tribulations of medical research); we are excited to include benchside perspectives, reflections, and artistic expressions from LRI trainees.

In celebration of our 10th anniversary, we will be organizing a feature piece highlighting reflections from past and present students (from any school/discipline). To contribute to this feature, we encourage you to consider writing a letter to your past or future self about lessons you have learned, dreams you hope to achieve, predictions about the world—the list goes on and on!

Please view previous issues of *Stethos* on our website to see examples of pieces that were published in the past: [http://portals.clevelandclinic.org/lcm2/Stethos/](http://portals.clevelandclinic.org/lcm2/Stethos/).

Our deadline for submissions this year will be **Monday, March 9, 2020**. Please see below for specific submission guidelines. Feel free to contact the Editors-in-Chief, Alice (tzenga@ccf.org) and Ellen (brinzae@ccf.org), with questions. We look forward to receiving your submissions!

All the best,

Stethos Editorial Team

**Submission Guidelines**

Please send submissions using our online form (click for link).

- Up to four submissions per author; **please send each submission on a separate form**
- Prose should be less than 2000 words, submitted in Microsoft Word
- Poems should be less than 75 lines, submitted in Microsoft Word
- Submit all photographs and artwork as a jpeg file (we will contact you later for high-quality file format)
- All photographs and artwork must include a caption

Please save the submission/illustration as the title (or abbreviated title) followed by the author's last name.

- For the article, "Generic" by Dr. Jones, save as follows: **Generic_Jones.doc**

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