

Monthly HSGA Meeting

Wednesday, September 30th, 2020

5 – 6 PM

***Please mute your mic upon entering the meeting**

***Please type your name and program in the chat at the beginning of each meeting.**

***Note if you are a program representative**



President's Report:
Kenyatta Viel
vielkc@mail.uc.edu

Holmes Redux Project

- Project started in early April
- Purpose: Rework the Holmes UHS Clinic
- Hiatus due to COVID-19

GSG Orientation

- Thomas, Audrey, and I attended the GSG Orientation
- More about funding opportunities from Andrea Baker, GSG Treasurer.

GSRF Updates

- Virtual GSRF: October 21 to 23, 2020
- Deadline: THIS FRIDAY October 2nd
- Center for Clinical and Translational Science and Training (CCTST) is providing additional funding
- Record Presentation via PowerPoint
 - [Link via Microsoft](#)

Dean of Graduate Education

- Dr. Tim Le Cras will serve as the next Associate Dean for Graduate Education beginning Nov. 1





Vice President's Report:
Audrey Crowther
Audrey.Crowther@cchmc.org

Mark your calendars!

First grad café on
Tuesday October 6th at 4:30pm

HSGA GRAD CAFE PRESENTS

BOSSING ONLINE SPACES

Navigating Online Job Interviews and
Networking Events

PRESENTED BY
THE BEARCAT PROMISE CAREER STUDIO

Join Online: <https://ucinnstudents.webex.com>
Meeting Number (Access Code): 120 772 6794
Password: XaEvSdN5Q88

Please Register to Receive a Calander
Reminder:
<https://tinyurl.com/y5uyakkz>

HSGA 
University of
CINCINNATI

**RICHARD AKESON EXCELLENCE
IN TEACHING NOMINATIONS**

Nominations



DR. BRYAN
MACKENZIE



DR. STEPHEN
WAGGONER



DR. LEAH
KOTTYAN



DR. NATHAN
SALOMONIS

Nominations



DR. BRYAN
MACKENZIE

- **Academic Appointments:** Associate Professor of Physiology
- **Teaching and Training Programs**
 - Academic Director | Special Master's Program in Physiology
 - Director of Research Experiences | Medical Sciences Baccalaureate Program
 - Deputy Editor-in-Chief | Advances in Physiology Education
- **Courses Taught**
 - Currently involved in 6 graduate courses
 - Previous involvement in 6 additional graduate courses
 - Course Director for 3 graduate courses:
 - *Advanced Statistical Methods in Physiology*
 - *Statistics and Experimental Design for the Biomedical Sciences*
 - *Interprofessional Education in Health Sciences and Medicine*
- **Mentoring History**
 - 2 PhD students
 - Thesis Committee for 2 PhD students
 - 16 masters students
- 12 Letters of Support from past/current graduate students

Student Statements:

"Overall, Dr. Mackenzie's passion for teaching students at all levels is apparent, from training successful students in his lab to delivering lectures that send a "ripple effect" throughout each student's career."

"On a personal note, Dr. Mackenzie's support of my life plans in both moments of success and failure has been more than just statistically significant. More so than many educators I've known, he knows when to crack a joke, when to just listen, and when to provide a motivational push."

Nominations



DR. STEPHEN
WAGGONER

- **Academic Appointment:** Associate Professor for the Center for Autoimmune Genomics and Etiology
- **Courses Taught**
 - Actively involved in 10 courses
 - 5 lectures in the *Foundations in Immunology* series
 - Scientific writing development
 - *Immunology Student Post Doc Forum*
- **Mentoring History**
 - 7 PhD students
 - 5 masters students
 - Thesis Committee for 13 PhD students
- 23 Letters of Support
 - 14 letters from graduate students

Student Statements:

“His unique combination of determination, approachability, and intellectual curiosity make him an advocate and an ambassador for exemplary teaching and training.”

“The description of Dr. Waggoner that is several cohorts deep is “pro-student.””

Nominations



DR. LEAH
KOTTYAN

- **Academic Appointment:** Associate Professor for the Center for Autoimmune Genomics and Etiology
- **Courses Taught**
 - Actively involved in 7 courses
 - Previous involvement in 3 additional graduate courses
 - Leadership role in the following courses:
 - *Introduction to Immunology and Laboratory Research*
 - *GWAS and issues of diversity*
 - *Ethics in Research/Scientific Integrity*
- **Mentoring History**
 - 4 PhD students
 - 1 masters students
 - Thesis Committee for 15 PhD students and 2 masters students
- 3 Letters of Support
 - 2 graduate students

Student Statements:

“Dr. Kottyan interacts with her students with a unique blend of positivity and constructive criticism, which enables students to answer complex questions about their thesis topic while continually fueling their passion for learning.”

“I highly recommend anybody who wants to develop into a better person and scientist to engage with [Dr. Kottyan].”

Nominations



DR. NATHAN
SALOMONIS

- **Academic Appointment:** Associate Professor for the Department of Biomedical Informatics
- **Courses Taught**
 - Co-director of *Introduction to Functional Genomics*
- **Mentoring History**
 - 5 PhD students
 - Thesis Committee for 1 PhD students
- 4 Letters of Support
 - 3 current/past graduate students

Student Statements:

"Like all other professors, Dr. Salomonis is busy through the workdays and even weekend, but he would always spend times on talking with lab members including me, he would love to hear what we have achieved and more importantly, what he could possibly help with."

"I believe a good teacher is someone who does his job passionately well but an excellent teacher is someone who is a mentor and huge pillar of support to his students throughout their learning curve. [Dr. Salomonis] is definitely an excellent professor and I strongly support him for this award."

Nominations



DR. BRYAN
MACKENZIE



DR. STEPHEN
WAGGONER



DR. LEAH
KOTTYAN



DR. NATHAN
SALOMONIS

Voting is restricted to
HSGA officers and
program representatives

Follow this link to cast your vote!

<https://www.surveymonkey.com/r/VPHBG7C>



Make sure to
cast your vote
by 6pm today!



Treasurer's Report:
Thomas Gerding
gerdintr@mail.uc.edu

Treasurer's Report:

- Fall Budget:
 - \$300 for being GSA of the Year last year
 - \$100 allocation for Fall
 - \$100 for holding an orientation
-
- \$500 Total for Fall Semester



Secretary's Report:
Marissa Smail
smailma@mail.uc.edu

Social Event Chair's Report: Open Position



Philanthropy Chair's
Report:
Thomas Gerding
gerdintr@mail.uc.edu

Upcoming Events

- HSGA is currently seeing if the CCM GSA would like to collaborate on the virtual Holiday Concert to offset some of the cost for us
 - CCM students for hire will be \$300+ for this event
 - Sponsorship forms for this event are being created currently
- RRT is hosting another Little Miami River clean up Saturday, 10/17 9-2.
- \$5 to participate – donated to the Little Miami Conservancy
- Register here:
<https://roadsriversandtrails.com/events/>

Upcoming Events, Cont'd

- Kenwood Lions Club will be hosting a tree planting event at Eden park sometime towards the end of October (probably either 10/17 or 10/24).



Social Media Chair's
Report:
Martha Dua-Awereh
duaawemb@mail.uc.edu
@MarthaDu

Updates

- Officer headshots and updates for the HSGA Website (in progress)
- Welcome Back/First HSGA meeting promoted on HSGA Facebook, Twitter, Instagram
- Updating IFTTT to link automatic posting of upcoming events from HSGA Google Calendar to HSGA Facebook and Twitter
- Updating calendar with upcoming events

Dean's Council
Representative's
Report:

Zana Percy

percyzg@mail.uc.edu



September Dean's Council Meeting

- This was our first meeting since June (there are not typically meetings over the summer)
- Research Metrics Updates
 - Currently have the highest grant holdings for the past 10 years (\$133 million), meeting the President's Challenge
 - We have had a 35% success rate for submitted grants and 20% increase in grant size
 - These numbers include student fellowship awards!

September Dean's Council Meeting

- Cyclotron update
 - Compact particle accelerator that makes radioactive isotopes and tagged biologic molecules for use in research and imaging
 - Decay quickly, so it is important to be able to make these on site
 - We collaborated with CCHMC and Pharmalogic to house this machine in Holmes
 - Construction to begin in about 1 month and will take 18-24 months



Sep Dean's Council Meeting

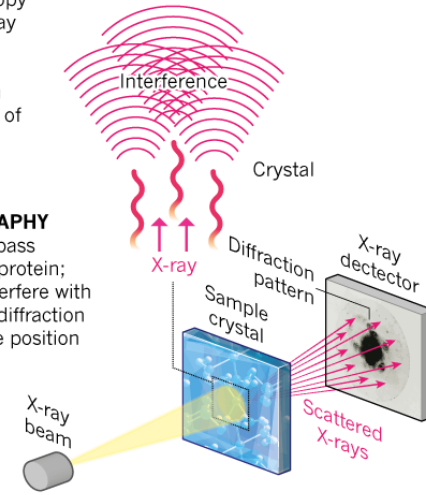
- Cryogenic electron microscopy update
 - Helps especially in the field of structural biology to visualize biologic structures at the atomic level
 - Since 2015, there has been a 700% increase in the number of grants using this technology
 - We are able to solve protein structures in record time (COVID spike protein was solved in a matter of weeks)
 - UC has a 3-tier plan to invest in this tech
 - Buy a special machine to help with sample preparation
 - Then invest in a mid-level machine
 - Finally, purchase the highest resolution level machine or have our samples analyzed at a national center

THE RISE OF CRYO-ELECTRON MICROSCOPY

Cryo-electron microscopy is taking over from X-ray crystallography as a method to deduce high-resolution protein structures, particularly of large molecules.

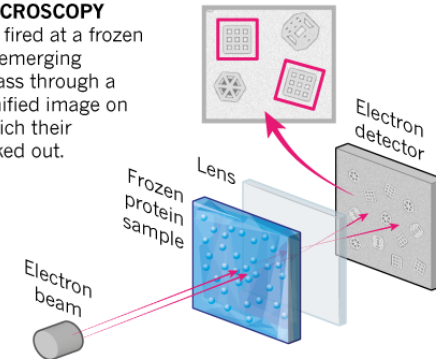
X-RAY CRYSTALLOGRAPHY

X-rays scatter as they pass through a crystallized protein; the resulting waves interfere with each other, creating a diffraction pattern from which the position of atoms is deduced.



CRYO-ELECTRON MICROSCOPY


A beam of electron is fired at a frozen protein solution. The emerging scattered electrons pass through a lens to create a magnified image on the detector, from which their structure can be worked out.



September Dean's Council Meeting

- COM Gratitude Awards
 - Open to students, faculty, and staff
 - We should nominate people who are “stepping up to show their dedication, empathy, and who are living into the College of Medicine culture of caring”
 - Nominate people [here](#) (the form for nomination is very simple!)
 - There are not limits on the number of awardees
- COVID Check App
 - The Dean wants people to use this app every time they come to campus





Graduate Student
Government (GSG)
Representative's Report:
Clair Kronk
kronkcj@mail.uc.edu



General Information

- GSG meetings have been moved online for the time being
- Representatives for GSAs are made panelists; but anyone can attend as an attendee (however, only representatives can vote and/or cast motions)

Student Advisory Committee on the University Budget (SACUB)

- SACUB and GSG have had a rocky relationship
- SACUB has had significant diversity issues, has discounted and disregarded the needs of international students and graduate students generally
- Last Spring, GSG voted to leave SACUB for these reasons
- New committee this year is more diverse, asked us to stay; we will be voting on whether to abandon the previous motion in October

Student Advisory Committee on the University Budget (SACUB)

- Renee Hargrove, Chase Morris, and Hunter Crawford from SACUB met with us
- University-level financial concerns were the focus, not student-level financial concerns
- Allocation this year has only allocated for the Fall so far as a response to COVID
- GSG seems to be leaning toward good faith and rejoining, personally I didn't see the commitment statements I wanted, but I'll leave that up to the constituents of HSGA

A Call to Action for Racial Equity for the Black Community at the University of Cincinnati

- Link to letter and information here:
<https://linktr.ee/callsforracial-equity>
- Any individuals can endorse
- GSG will be voting on whether to endorse in October
- Send to your programs to ask for endorsement

A Call to Action for Racial Equity for the Black Community at the University of Cincinnati

- Over 1,300 endorsements so far
- Met with Dr. Marshall in July
- Sent statement to President Pinto
- Met with Pinto in early September and discussed strategic directions and commitments to action
- Help from consulting firm Integrity Development Corp.

Graduate Student Trustee

- Non-voting member of the Board of Trustees
- 2-year term
- Must be a U.S. citizen and a resident of Ohio
- Jack Cohen is current trustee; but will be leaving soon
- Contact at Cohen2jk@mail.uc.edu if you're interested

Graduate Student Emergency Fund (GSEF)

- \$25,000 (more money can be requested based on need)
- Application is available and open here:
<https://www.uc.edu/campus-life/dean-of-students/emergency-funds.html>
- Committee for recommendations is graduate students; email GSG President or Treasurer if you would like to help! (Need to be available Oct. 1st and 2nd)
- Looking at making this fund consistent moving forward

COVID Updates

- New dashboard is live:
<https://www.uc.edu/publichealth/covid-19-dashboard>
- CHIC-T (COVID-19 Health Incident Command Team) is meeting daily 4:30-5:00pm
- Random testing (should) now be completely free
- Install UC COVID check app; non-app users can complete REDCap survey (app is on Android/IOS now)
- Disposable masks available at GSG office (ordering cloth masks to be available for free as well)
- Most libraries are now open

Grants, Fellowships, Misc.

- Group Grant (2 Oct. 2020), \$1,000 for this cycle
- Research Fellowships (\$1,200; \$1,500 for interdisciplinary)
 - Deadline is 4 Dec. 2020 by 5pm EST
- Masters of Social Work GSA (MSWGSA) is looking for a Spring speaker to discuss anti-racism and systematic racism, if you have any suggestions for them

Mental Health Updates

- Gradcats Together Network
 - Mental health initiative by grad students, for grad students
 - Cooperation with CAPS, Wellness Center, and Women's Center
- For community providers, \$35 copay with student health insurance
- IKRON provides free/inexpensive counseling services



CGE Representative's
Report:
Sandra Koigi
Sandra.Koigi@cchmc.org

HSL Committee Representative's Report: **Open Position**

PROGRAM PRESENTATIONS

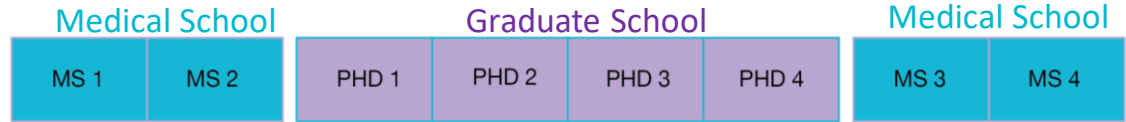
Medical Scientist Training Program (MSTP)

- **Combined MD/PhD degree training**

- Choice of 12 PhD granting graduate programs
- Molecular and Developmental Biology (MDB), Immunology, Cancer and Cell Biology, Neuroscience, Biomedical Informatics, Environmental Health among others

- **70 current students**

- ~9 incoming students each year



- **7-9 year program**

- 4 years (MD)
- 3-5 years (PhD)



Medical Scientist Training Program (MSTP)

- **Unique aspects of the MSTP:**

- Heterogeneous population of students
- Bridging connections between clinicians and basic scientists

- **MSTP Student Groups:**

- MSTP Student Governance Council (SGC)
- MSTP Student Enrichment Committee
- MSTP Pathways Committee
- Representation in both graduate program and MD student groups

- **MSTP Professional and Social Events:**

- MSTP journal clubs
- Yearly spring and fall retreats for professional development
- Opportunities to meet with visiting scientists
- Bimonthly program meetings

- **HSGA Involvement**

- Representation through the MSTP and through individual HSGA graduate programs
- Current MSTP HSGA officers
 - Zana (Environmental Health)



Molecular Genetics, Biochemistry, and Microbiology (“MolGen”)

- Our Mission:
 - Graduate Education – Ph.D., M.S.
 - Cutting-edge Biomedical Research
- Two tracks:
 - Molecular genetics
 - Human genetics
- Diverse fields of research
 - Structural Biology
 - Microbiology and Virology
 - Cancer Biology
 - Regenerative Medicine and Neuroscience...
- 20 departmental faculty, 25 affiliate faculty



Molecular Genetics, Biochemistry, and Microbiology (“MolGen”)

- Offer both MS and PhD
 - PhD = 5.5 years
 - MS = 2 years
- ~30 current students
 - 5-7 new PhD students per year
 - 2-3 new MS students per year
- Annual fall picnic, holiday party
- Weekly departmental seminars



Thanks for Coming!

- Questions?
- Comments?
- Concerns?
- Email: uc.hsga@gmail.com
- Instagram: [uc.hsga](https://www.instagram.com/uc.hsga)
- Twitter: [@HSGA_UofCincy](https://twitter.com/HSGA_UofCincy)
- Facebook: www.facebook.com/groups/uc.hsga
- Website: <http://med.uc.edu/hsga>