

# Early Cutaneous Research Experiences (ECuRE) Enrichment Programming

## Thursday Seminar Series

3:30-4:30PM, *Grab-and-go food & drink to be provided after session*

### **June 23<sup>rd</sup>: Facilitating Skin Research with the SBDR**

Location: BRB 251 and Zoom

*The SBDR provides key resources to investigators. Learn how the SBDR supports cutting edge skin research by providing critical samples and supporting the latest technologies through our three resource cores – CPAT: Cutaneous Phenomics and Transcriptomics Core, STaR: Skin Translational Research Core, and DSI: Data Science and Informatics Core. Presented by **Drs. Elizabeth Grice, Donna Brennan-Crispi, and Daniel Shin.***

### **June 30<sup>th</sup>: Clinical Dermatology – not just a visit to the doctor**

Location: SCTR 09-146AB\* and Zoom

*The clinical is more than just seeing patients for routine check-ups. Here we give you a glimpse into the technical support provide by the dermatology pathology services, overviews on clinical research, and clinical/translational research talks.*

- **Cynthia Clark, PhD, CRNP**; Director Research Operations Dermatology  
Miracle Worker, aka Clinical Research Coordinator
- **Kim Baynes, MS, HT and Dominic Anastasia**  
Dermopath: What happens on the other side of the slide
- **Maha Syed, MBBS**; Postdoc, Gelfand Lab  
Research Talk - Beyond the skin: Does Atopic Dermatitis increase the risk for fractures?
- **Thomas Leung, MD, PhD**; Assistant Professor  
Research Talk - Decoding inflammatory skin diseases through personalized medicine

### **July 7<sup>th</sup>: Topics in Basic and Translational Skin Research I**

Location: BRB 251 and Zoom

*Dermatological researcher encompasses a wide array of research areas. This week you will hear from four senior trainees and staff about their research, including:*

- **Heather Dingwall, PhD**; Postdoctoral Fellow, Penn Derm T32 Fellow, Kamberov Lab (Genetics)  
The evolution of the skin: The why and how of sweat glands
- **Miriam Doepner, BS**; PhD Candidate, F31 Fellow; Ridky Lab  
Melanoma: Turning clinical observations into novel therapeutic options
- **Damian Maseda, PhD**; Senior Research Investigator; Payne Lab  
CAR- and CAAR-T cells: Harnessing the body's immune system to treat disease
- **Christina Murphy, BS**; PSOM, MSTR Student; Leung Lab  
Scarring versus regenerative wound healing: Decoding cell signaling through mouse models

### **July 14<sup>th</sup>: Responsible Conduct of Research (RCR)\***

Location: BRB Auditorium, and Zoom (Link sent to pre-registered virtual attendees)

*Ethics in scientific research is extremely important to both the rigor of the research and quality of training programs. It is also required that all NIH funded researchers undergo regular trainings in Responsible Conduct for Research (RCR). This session run by our dermatology faculty will be on best practices related to acquisition and management of data, including how to properly keep a notebook. Co-directed by **Drs. John Seykora, David Margolis, and Christoph Ellebrecht.***

\*Registration required: email for link

### **July 21<sup>st</sup>: Topics in Basic and Translational Skin Research II**

Location: BRB 251 and Zoom

*Dermatological researcher encompasses a wide array of research areas. This week you will hear from four senior trainees and staff about their research, including:*

- **Monica Wei, BS**; MD, PhD Candidate; Grice Lab  
Skin Microbiome: MRSA studies using the pig as a model organism

- **Gabby Rice, BS**; PhD Candidate, F31 Fellow; Rompolas Lab  
Live imaging and skin appendage studies
- **Gina Pacella, BS**; PhD Candidate, F31 Fellow; Capell Lab  
Epigenetics: Why do some cells become cancerous?
- **Satish Sati, PhD**; Postdoctoral Fellow; Leung Lab  
Single-cell sequencing technologies: Unlocking causes of fibrotic disease one cell at a time

### **July 28<sup>th</sup>: Meet the Mentors and Ice Cream Social\*\***

Location: BRB 251, 10<sup>th</sup> BRB & Zoom (Link sent to pre-registered virtual attendees)

*Bring your questions to this roundtable forum, an interactive and informal session with Dermatology faculty and trainees on a wide range of topics including preparing yourself for a career in science/medicine, work-life balance, navigating laboratory dynamics, developing a scientific and professional network, among others. The topics are up to you!*  
Session will be followed by an ice cream social on 10th BRB.

\*\*RSVP required: email for link

## **Department of Dermatology Trainee-Invited Speaker – Tuesday, June 28th**

### **Ryan Hobbs, PhD**

Assistant Professor Penn State Hershey

- Noon            Research Talk: “Uncovering roles for Aire in skin biology”; BRB 1001 and Zoom
- 3-4PM         Informal Career Discussions, BRB 1403
- 4-6PM         Outdoor Happy Hour and Social\*  
                         \*ID and RSVP required

## **TRIP Partnership Programming**

This year ECURE is partnering with Undergraduate Translational Research Immersion Program (TRIP) to offer reciprocal seminar programming. TRIP fellows are invited to attend the two Basic and Translational Skin Research Talks (Thursday Seminar Series) and in turn ECURE students are encouraged to attend the following TRIP virtual research talks:

- **Monday, June 27<sup>th</sup> at noon via Zoom**  
Better Living Through Brain Stimulation? The Promise and Pitfalls of Neuromodulation for Cognitive Enhancement.  
-Roy Hamilton, MD
- **Tuesday, July 12<sup>th</sup> at noon via Zoom**  
Debulking different Corona (SARS-COV-2 delta, omicron) and Influenza (H1N1, H3N2) virus strains by plant viral trap proteins in chewing gums to decrease infection and transmission  
-Henry Daniell, PhD
- **Monday, July 18<sup>th</sup> at noon via Zoom**  
Super Resolution Imaging of the Neonatal Brain  
-Misun Hwang, MD, MSTR

Email [dbrenn@penncmedicine.upenn.edu](mailto:dbrenn@penncmedicine.upenn.edu) for all Zoom links and RSVPs