

**University of Maryland School of Medicine  
Office of Student Research and  
Alpha Omega Alpha Honor Medical Society**

**44<sup>th</sup> Annual Medical Student Research Day**

Monday, November 15, 2021, 1 – 5:35 p.m. and  
Tuesday, November 16, 2021, 1 – 4:30 p.m.  
2-Day Virtual Event through Zoom

See [MSRD 2021 Webpage](#) for more information about the event and any updates

**General Schedule**

**Day 1: Monday, November 15**

**[Zoom Link \(Day 1\)](#)**

**Opening**

**1:00 – 1:50 p.m. (Main Room)**

1:00 – 1:15 p.m.

Opening Remarks

**Gregory B. Carey, Ph.D.**

Associate Professor of Microbiology and Immunology  
Assistant Dean for Student Research and Education  
Executive Director of Student Research and Community Outreach  
Director of PRISM and UM Scholars at SOM Programs  
Director of STAR-PREP Program

**Miriam K. Laufer, M.D., M.P.H.**

Professor of Pediatrics  
Associate Dean for Student Research and Education  
Director of Office of Student Research  
Associate Director for Malaria Research  
Center for Vaccine Development and Global Health Associate

**AOA Student Representative**

Maryland Beta Chapter  
Alpha Omega Alpha Honor Medical Society

1:15 – 1:50 p.m.

Keynote Address

Title: *From Ear to gEAR - Building a Career as a Surgeon-Scientist at UMSOM*

**Ronna Hertzano, M.D., Ph.D.**

Professor of Otorhinolaryngology - Head and Neck Surgery  
Professor of Anatomy and Neurobiology

**Student Plenary Session I**                      **1:50 – 2:20 p.m. (Main Room)**

Special Plenary Presentations by Outstanding Student Researchers

1:50 – 2:05 p.m.                      *Title: A Nanocomposite Hydrogel for Stromal Cell-Derived Factor-1 Alpha Delivery and Modulation of Macrophage Phenotype for Skin Tissue Regeneration*

**Justine Yu, MS III**

MD-PhD Candidate (PhD 2021)

2:05 – 2:20 p.m.                      *Title: The Neurons, the Glia and the Vasculature: My Journey through the Neurosciences*

**Serban Negoita, MS IV**

2:20 – 2:30 p.m.                      *Break*

**Oral Presentations**                                      **2:30 – 5:35 p.m. (Breakout Rooms)**

**(See breakout room explanation at the end of the schedule)**

2:30 – 4:00 p.m.                      Oral Presentation Sessions I - IV

4:00 – 4:05 p.m.                      *Break*

4:05 – 5:35 p.m.                      Oral Presentation Sessions V - VIII

**Day 2: Tuesday, November 16**                      **[Zoom Link \(Day 2\)](#)**

**Student Plenary Session II**                      **1:00 – 2:00 p.m. (Main Room)**

Special Plenary Presentations by Outstanding Student Researchers

1:00 – 1:15 p.m.                      *Title: Severity of Hidradenitis Suppurativa is Inversely Correlated with Educational Attainment*

**Rohan Singh, MS III**

1:15 – 1:30 p.m.                      *Title: Dynamics of the Head and Neck Tumor Microenvironment and the Impact of Immunotherapy*

**Neha Amin, MS IV**

1:30 – 1:45 p.m.                      *Title: Cell – Vessel Mismatch in Glaucoma*

**Christopher Le, MS IV**

1:45 – 2:00 p.m. *Title: Role of the Parabrachial Complex in Rodent Models of Pain*  
**Olivia Uddin, MS III**  
MD-PhD Candidate

2:00 – 2:10 p.m. *Break*

**Poster Presentations** **2:10 – 3:15 p.m. (Breakout Rooms by Presentation ID)**  
**(See breakout room explanation at the end of the schedule)**

2:10 – 2:40 p.m. Poster Presentation Session I (P.02 - P.08)

2:40 – 2:45 p.m. *Break*

2:45 – 3:15 p.m. Poster Presentation Session II (P.09 - P.12, P.014 - P.16)

3:15 – 3:25 p.m. *Break*

**Special Student Research** **3:25 – 3:55 p.m. (Main Room)**  
**Panel**

3:25 – 3:55 p.m. Tips on Being a Productive Student Researcher  
**Serban Negoita, MS IV**  
**Rohan Singh, MS III**  
**Christopher Le, MS IV**  
**Olivia Uddin, MS III**  
**MaryJoe Rice, MS IV**

**Awards** **4:00 – 4:30 p.m.**

4:00 – 4:15 p.m. Honoring Faculty Mentors: Mentor Recognition Awards  
**Gregory B. Carey, Ph.D.**  
**Miriam K. Laufer, M.D., M.P.H.**

4:15 – 4:25 p.m. Presentation of Student Awards  
**AOA Student Representative**  
Maryland Beta Chapter  
Alpha Omega Alpha Honor Medical Society

4:25 – 4:30 p.m. Closing Remarks  
**Gregory B. Carey, Ph.D.**

## Zoom Information

Zoom Link	Meeting ID (for call in only)
<a href="#">Day 1 (11/15)</a>	953 0881 9661
<a href="#">Day 2 (11/16)</a>	983 1731 2120

### For Call in:


Passcode (both days): 112021

+1 301 715 8592 US (Washington DC)

+1 929 205 6099 US (New York)

## Explanation of Breakout Rooms

Oral and poster presentation sessions will be held in breakout rooms within that day's Zoom session. Once you have joined the Zoom main room, you can choose a breakout room, change rooms, or rejoin the main room during the presentation sessions by following these instructions:

1. Click on "**Breakout Rooms**"  in your meeting controls (typically at the bottom of Zoom window). This will display the list of open breakout rooms available.
2. Hover your pointer over the number to the right of the breakout room you wish to join, click on "**Join**," then confirm by clicking on "**Join**." The breakout rooms will be labeled by the oral presentation session or the poster presentation ID.
3. You can repeat as necessary to join other breakout rooms.
4. Click on **Leave Room** to return to the main session.

**Note:** If you do not use the desktop or mobile app (version 5.3.0 or higher) of Zoom to join the event, you will not be able to self-select a breakout room. If this applies to you, ask the host or co-hosts to help move you into your desired breakout room.