Welcome
Welcome to the 2021 NIPM Virtual Symposium!

The Nevada Institute of Personalized Medicine (NIPM) at UNLV, College of Sciences, will hold its first ever virtual symposium on March 4, 2021, and will feature talks from Centers of Biomedical Research Excellence (COBRE) Research Project investigators, Sciences and Services development at NIPM including the Genomics Acquisition & Analysis Core and COVID-19 Wastewater Surveillance Program, COBRE Pilot Projects, Trainee Research, Student Poster Presentations, and Keynote Speaker, Dr. Kenton M. Sanders, Chair, Department of Physiology and Cell Biology, University of Nevada Reno, School of Medicine.

The Nevada Institute of Personalized Medicine (NIPM) believes that applied genetics and genomics can improve individual and systemic health care through translational clinical scientific research, workforce education and training, commercialization of technologies, job creation and clinical genetics services. The Nevada Institute of Personalized Medicine is the only established Center of Excellence for Personalized Medicine in Nevada that is endorsed by the National Institutes of Health.

NIPM Symposium 2021 Sponsorship Opportunity

Conference Sponsorship – $1,000
All sponsorships receive the following opportunities during the conference:
• 2-5 minute video presentation posted on the NIPM website, prior to, and following the Symposium.
• Breakout room hosting opportunity to meet with symposium attendees;
• Marketing and networking opportunities with all symposium attendees;
• Company name on symposium brochure;
• Company name on the slide show that plays during the symposium;
• Acknowledgement of sponsorship during the symposium.

If you are interested in a sponsorship, please contact Cory Nelson, Director of Development, UNLV College of Sciences, at 702-895-2488 or via email at cory.nelson@unlv.edu.

2021 SYMPOSIUM
March 4, 2021
8:00 AM – 5:00 PM
Via Zoom
http://nipmsymposium.sites.unlv.edu/
### NIPM Virtual Retreat
**March 4, 2021**

#### MORNING SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Event/Presenter</th>
<th>Details</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Call to Order</td>
<td>[Martin Schiller]</td>
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<tr>
<td>8:05</td>
<td>Welcome</td>
<td>Eric Chronister, Dean, COS&lt;br&gt;Keith Whitfield, UNLV President</td>
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#### SESSION 1: COBRE
**Facilitator:** Martin Schiller  
**8:20:** State of the Institute  
**8:35:** Project 1:  
Transposable Element Driven Alternative Promoters In Cancer  
**9:05:** Project 2:  
Genomics, Machine Learning, and Fragility Fracture Prediction  
**9:35:** Project 3:  
Schizophrenia Patient-Specific Model of Microglia  
**10:05:** Coffee Break & Poster Session

#### SESSION 2: COBRE & COVID
**Facilitator:** Nora Caberoy  
**10:20:** Project 4:  
Research on the Development of a Novel Therapy for Alzheimer’s Disease  
**10:50:** GAA Core Services  
**11:20:** COVID-19 Wastewater Surveillance  
**11:50:** Lunch & Posters  

### AFTERNOON SESSION

#### SESSION 3: PLENARY
**Facilitator:** Dr. Edwin Oh  
**1:20:** Recognition of Sponsors, Advisors, Mentors, Prahu & Nick Spiritos

**Keynote Speaker Presentation**  
**1:30-2:30pm:** Dr. Kenton Sanders, UNR

#### SESSION 4: COBRE PILOT PROJECTS
**Facilitator:** Dr. Martin Schiller  
**2:30:** Pilot Project - Dr. Brian Hedlund  
**2:45:** Pilot Project - Dr. Farhad Shokoohi  
**3:00:** Pilot Project - Dr. John Colombo  
**3:15:** Pilot Project - Dr. James Navalta  

**3:20:** Coffee Break & Poster Session

#### SESSION 5: Trainee Research at NIPM
**Facilitator:** Dr. Mira Han  
**3:40:** TBD  
**3:55:** Performance of FRAX with BMD in predicting fracture  
**4:15:** TBD PhD Student  
**4:30:** Interrogating rare and undiagnosed disorders in children  
**4:45:** Transcription factor binding in transposable elements  
**5:00:** Poster Session

### COBRE Virtual Business Session
**March 5, 2021**

**Attendees:** Project PIs, EAB, Mentors

#### SESSION 1: COBRE PROGRESS
**9:00:** Introduction  
**9:15:** RP1 Progress  
**9:45:** RP2 Progress  
**10:15:** RP3 Progress  
**10:45:** RP4 Progress  
**11:15:** GAA Core Progress

**11:45** LUNCH - GROUP DISCUSSION

#### SESSION 2A: MENTORING BREAKOUT
**1:15:** Project PI /Mentor  
**2:15:** Mentoring Panel

#### SESSION 2A: EAB BREAKOUT
**1:15:** GAA Core  
**1:30:** Admin Core  
**2:15:** Review RP1  
**2:30:** Review PR2  
**2:45:** Review RP3  
**3:00:** Review RP4  
**3:15** Wrap up Group Discussion  
**4:15** Adjourn

### Questions?
Contact nipmsymposium@unlv.edu

http://nipmsymposium.sites.unlv.edu/agenda/