37TH ANNUAL RESEARCH DAY

Friday, April 1, 2022

7:30 a.m.–1:45 p.m.

Ed 2 South (L28), Rm 1102

Poster Presentations: Ed2 South Bridge (L28) 2001
7:45–8:45 a.m.  
**Poster set-up/preview**  
Ed2 South Bridge (L28) 2001

8:15–8:45 a.m.  
**Breakfast beverages**

8:45-8:50 a.m.  
**Welcome and Introduction**  
David Clouthier, PhD  
Chair, Department of Craniofacial Biology

8:50–9 a.m.  
**Dean’s Welcome**  
Dean Denise Kassebaum, DDS, MS  
School of Dental Medicine

9–9:15 a.m.  
“**Low Viscosity, High-Performance Urethane Formulations Designed for 3D Inkjet Printing**”  
Kyle Sorensen (DDS ’25)

9:20–9:35 a.m.  
“**A Patterning Code for the Vertebrate Neurocranium**”  
Jennyfer Mitchell, PhD  
Postdoctoral Fellow, Department of Craniofacial Biology

9:40–9:45 a.m.  
**Introduction of Keynote Speaker**  
Mary Reyland, PhD  
Professor, Department of Craniofacial Biology
9:45–10:35 a.m.
KEYNOTE
“Dental Oral and Craniofacial Research Opportunities at NIH/NIDCR”
Matthew Hoffman, PhD, BDS
Scientific Director
Senior Investigator, Matrix & Morphogenesis Section
National Institute of Dental and Craniofacial Research (NIDCR)

10:35–10:50 a.m.
Break

10:50–11:10 a.m.
“Preventing Dental Caries with Novel Coatings”
Devatha Nair, PhD
Assistant Professor, Department of Craniofacial Biology
Chaitanya Puranik, BDS, MS, MDS, PhD Diplomate
Assistant Professor, Children’s Hospital and the School of Dental Medicine

11:15–11:30 a.m.
“PDGFR Dimer-Specific Activation, Trafficking and Downstream Signaling Dynamics”
Madison Rogers, PhD Candidate

11:35 a.m.–12:05 p.m.
“Joy of Public Health Research”
Bruce Dye, DDS, MPH
Professor and Chair Department of Community Dentistry and Population Health

12:05–1:35 p.m.
Boxed Lunch and review posters

1:40–1:45 p.m.
Award announcements
CONTINUING EDUCATION

Four credits are available.