2020 OSU College of Medicine

Trainee Research Day
Agenda

Thursday, April 16th, 2020

LIVESTREAMED LECTURES

11:00 - 12:00  **Keynote Speaker, Joanne Flynn PhD**, “The path to sterilizing immunity in tuberculosis”
   The session will be moderated by Gene Oltz PhD, Chair of the Department of Microbial Infection & Immunity. Dr. Oltz will host a Q&A session (11:50-noon) following the presentation.

LUNCH BREAK

1:00-2:00  **State-of-the-Art OSU Faculty Lectures**
   The session will be moderated by Ginny L. Bumgardner MD PhD, Associate Dean for Research Education. She will host a Q&A following each lecture.

   **Tamar Gur MD PhD** - “How Prenatal Stress Disrupts Neurodevelopment: In Utero and Beyond”
   **Oluyinka O. Olutoye MD PhD** - “The Evolution of an Idea”

2:00-2:15  **Award Ceremony & Concluding Remarks**
   Announcement of Trainee Awards by Ginny L. Bumgardner MD PhD
   Concluding Remarks by Daniel Clinchot MD
Keynote Address

JoAnne L. Flynn, PhD
Distinguished Professor, Department of Microbiology and Molecular Genetics
University of Pittsburgh School of Medicine

Dr. Flynn has a Bachelor of Science in Biochemistry, from the University of California at Davis and a PhD from University of California at Berkeley in Microbiology and Immunology. Dr. Flynn’s first post-doc was with Dr. Magdalene So at the Scripps Clinic Research Institute and then joined the lab of Dr. Barry Bloom at Albert Einstein College of Medicine, as a Howard Hughes Research Associate, where she began her studies in tuberculosis. Dr. Flynn joined the Department of Microbiology and Molecular Genetics at the University Of Pittsburgh School Of Medicine in 1994, and was recently named to the faculty rank of Distinguished Professor. Dr. Flynn directs a NIH T32 Training Grant, and has grants from NIH and the Bill and Melinda Gates Foundation. She was an Editor at Infection and Immunity from 2004-2014 and is a Section Editor for PLOS Pathogens and a member of the NIAID Board of Scientific Counselors. She is the Past-President of the American Association of Immunologists, and a Fellow of the American Academy of Microbiologists. She has published over 180 papers. Her research in tuberculosis is focused on immunology, host-pathogen interactions, vaccines, and drugs, and she has developed and used non-human primate models for tuberculosis over the past 20 years.
2020 State of the Art Lecture Series

Tamar Gur MD, PhD
Assistant Professor, Psychiatry & Behavioral Health, Neuroscience, Obstetrics & Gynecology
Associate Director, Medical Scientist Training Program
The Ohio State University College of Medicine
Dr. Gur received a Bachelor of Science in biology from Brown University and received both her medical degree and PhD at the University of Pennsylvania, where she studied the effects of selective serotonin reuptake inhibitors (SSRIs) on neurogenesis in the laboratory of Dr. Julie Blendy. She completed her residency training in psychiatry at the Hospital of the University of Pennsylvania, where she honed her research interests in women’s mental health. Her clinical work at Ohio State focuses on perinatal and postnatal depression and anxiety, which dovetails with her research interest on the effect of maternal stress and mental illness on the developing organism. She uses a variety of techniques to investigate the link between prenatal stress, microbiota, and inflammation, including rodent models and translational techniques. To date, her research program has received funding from NIMH, the March of Dimes, and the Brain and Behavior Research Foundation.

Oluyinka O. Olutoye, MD, PhD
Surgeon-in-Chief, General Pediatric Surgery
Nationwide Children's Hospital
Dr. Olutoye was appointed surgeon-in-chief at the Hospital effective August 1, 2019. He's also Professor of Surgery at Ohio State and holds the E. Thomas Boles Jr. Chair of Pediatric Surgery. Prior to joining the Hospital, Dr. Olutoye served as co-director of the Fetal Center at Texas Children’s Hospital since 2002 and president of the medical staff in 2019. In addition, from 2017-2019 he was the chair of the Baylor College of Medicine Faculty Senate where he was Professor of Surgery, Pediatrics and Obstetrics & Gynecology.
In 2011, The Distinguished Biomedical Research Mentor of the Year Award was established to recognize outstanding trainee mentorship by OSU College of Medicine faculty at The Ohio State University Wexner Medical Center and Nationwide Children’s Hospital. Award winners are selected from nominations submitted by trainees from the OSU COM and RINCH. This award is intended to recognize and reward faculty mentors who model a passion for biomedical research and help trainees to grow and succeed in their research training. The faculty mentor chosen as the Distinguished Biomedical Research Mentor of the Year receives a commemorative plaque presented at the Trainee Research Day awards ceremony, a dinner in their honor with the Trainee Committee Planning, and a travel award to be used by a trainee in their lab.

Robert Baiocchi, MD, PhD joined the faculty at The Ohio State University in 2005 and is currently a Professor of Internal Medicine, a member of the viral oncogenesis group of the Comprehensive Cancer Center and the Institutional PI for the NIH AIDS Malignancy Consortium. He is the Associate Division Director, Clinical and Translational Research, and Section Head, Lymphoma Program Division of Hematology; Associate Residency Program Director for Research in the Department of Internal Medicine and the Director of the Physician Scientist Training Program at Ohio State.

Dr. Baiocchi’s laboratory focuses on three major areas: (1) epigenetics of B-cell transformation; (2) experimental therapeutics of cancer and (3) immune surveillance of EBV-associated disease. He has over 20 years experience investigating the pathogenesis of EBV-driven diseases and experimental therapeutics of lymphoma. Current work relevant to EBV-associated cancers includes strategies to develop an EBV vaccine for prevention of EBV-associated disorders and HIV/AIDS patients; experimental therapeutic strategies to specifically target herpes virus associated malignancies and characterization of immune reconstitution in HIV+ patients following autologous and allogeneic stem cell transplantation. Work relevant to experimental therapeutics of cancer includes development of novel small molecule inhibitors of the PRMT5 enzyme in hematologic and solid tumors and strategies for targeting mantle cell lymphomas. He actively collaborates with both local and national investigators on basic, translational and clinical research projects. Dr. Baiocchi’s translational research laboratory program has expertise in molecular genetics/virology, epigenetics and cellular biology techniques, molecular and cellular immunology, preclinical animal models for human malignancy, flow cytometry and development of novel experimental therapeutic approaches to treat cancer.

Since his arrival at OSU, Dr. Baiocchi's efforts to commercialize his discoveries have led to the filing of more than ten patent applications. The intellectual property topics range from strategies to prevent EBV-driven cancers to discovery of a novel, first in class inhibitor of the PRMT5 enzyme to treat solid and hematologic malignancies.

The focus of Dr. Baiocchi’s clinical research is dedicated to patients with mantle cell lymphoma, post-transplant lymphoproliferative disease (PTLD) and AIDS-malignancies. He has taken a leadership role in overseeing research of the lymphoma group in the Division of Hematology. His laboratory collaborates with clinical researchers in the Division and on a national level to perform correlative laboratory work for multiple clinical trials. He is a member of the National Marrow Donor Program and Bone Marrow Transplant Clinical Trials Network protocol team that has completed two treatment protocols for treating HIV+ patients with autologous and allogeneic stem cell transplantation. His laboratory was recently granted funds to perform correlative immunology work for these trials.

From an educational standpoint, Dr. Baiocchi is a member of the Integrated Biomedical Graduate Program at OSU and mentors several graduate students in the PhD program. He actively participates in education of undergraduate, graduate and medical students, residents and fellows and has been the recipient of several educational and mentoring awards recognizing his contribution and commitment to educational efforts. Dr. Baiocchi currently mentors post-doctoral fellows supported by the NIH T32 program, the American Association of Cancer Research, American Society of Hematology and European Hematology Association. He also provides research mentorship to 3 graduate PhD candidates, 3 internal medicine residents, and 4 undergraduate students at The Ohio State University, most of who have received independent funding supporting their research.
2020 COM Trainee Research Day Digital Posters

Posters are organized by research category and then alphabetically.

- **Aaron Argall**, Graduate Student - Biomedical Sciences Graduate Program (BSGP)
  - **Project Title:** Inhibition of PRMT5 in Molecularly Heterogeneous Glioma Stem-like Cells
  - **Advisor:** Vinay Puduvalli MBBS
  - **Department:** Neurology
  - **Research Area:** Basic
  - **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research
  - **Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-e7b92d0f43cacfla6a4f95ffbb32127d6_Aaron_Argall.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-e7b92d0f43cacfla6a4f95ffbb32127d6_Aaron_Argall.pptx)

- **Brooke Benner**, Biomedical Sciences Graduate Program (BSGP)
  - **Project Title:** A pilot study of Bruton's tyrosine kinase inhibitor ibrutinib alone and in combination with PD-1 inhibitor nivolumab in patients with metastatic solid tumors
  - **Advisor:** Robert Wesolowski MD
  - **Department:** Internal Medicine
  - **Research Area:** Clinical
  - **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research
  - **Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/144-d63de69217e3e30904648061423f698c_Brooke_Benner.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/144-d63de69217e3e30904648061423f698c_Brooke_Benner.pptx)

- **Russell Bonneville**, Biomedical Sciences Graduate Program (BSGP)
  - **Project Title:** Rapid autopsy of metastatic cholangiocarcinoma demonstrates diverse patterns of clonal heterogeneity
  - **Advisor:** Sameek Roychowdhury MD, PhD
  - **Department:** Internal Medicine
  - **Research Area:** Translational
  - **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research
  - **Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-bed6e25f6077b761ea99c82fe0731a89_Russell_Bonneville.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-bed6e25f6077b761ea99c82fe0731a89_Russell_Bonneville.pptx)

- **Megann Boone**, Biomedical Sciences Graduate Program (BSGP)
  - **Project Title:** Structure-function mapping reveals novel role of FLI in Ewing sarcomagenesis
  - **Advisor:** Stephen Lessnick MD, PhD
  - **Department:** Nationwide Children's Hospital
  - **Research Area:** Basic
  - **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research
  - **Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-fc0eaa87027a248160a2df52135315a2_Megann_Boone.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-fc0eaa87027a248160a2df52135315a2_Megann_Boone.pptx)

- **Fiona Brown**, Biomedical Sciences Graduate Program (BSGP)
  - **Project Title:** PRMT5 Inhibition Restarts a Pro-Apoptotic Program and Creates Vulnerability to Combination Treatment with BCL-2 Inhibitor Venetoclax in Mantle Cell Lymphoma
  - **Advisor:** Robert Baiocchi MD, PhD
  - **Department:** Internal Medicine
  - **Research Area:** Translational
  - **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research
Shurui Cai, Biomedical Sciences Graduate Program (BSGP)
Project Title: ERK Inhibitor Induces EMT and CSC Enrichment in NSCLC
Advisor: Qi-En Wang MD, PhD
Department: Radiation Oncology
Research Area: Basic
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-7e3d6ad7e1152092ee3e25040b4d4bc3_Shurui_Cai.pptx

Sergio Corrales-Guerrero, Biomedical Sciences Graduate Program (BSGP)
Project Title: Targeting RRM2 by triapine sensitizes glioblastoma to radiotherapy
Advisor: Terence Williams MD, PhD
Department: Radiation Oncology
Research Area: Translational
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-878c60226dadc50ef94d7a236f29a9f5_Sergio_CorralesGuerrero.ppsx

Emma Crawford, Undergraduate
Project Title: Determining the role of pigmentation in ultra-violet light (UV)-dependent melanoma formation.
Advisor: Christin Burd PhD
Department: Molecular Genetics and Cancer Biology and Genetics
Research Area: Basic
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-8012ae007327dc1d74607b6b87ec854b_Emma_Crawford_COM_Tranee_Research_Day.pptx

Mallory DiVincenzo, Postdoctoral Researcher/Fellow
Project Title: Determination of the expression patterns and functional implications of microRNAs in ulcerated cutaneous melanoma
Advisor: William Carson MD
Department: Surgery
Research Area: Translational
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-36cd87731ecb10576723310d9fac9ec6_Mallory_DiVincenzo.pptx

Sydney Fobare, Medical Scientist Training Program (MSTP)
Project Title: Inhibition of the enhancer of zeste homolog 2 (EZH2) induces differentiation in acute myeloid leukemia
Advisor: Erin Hertlein PhD
Department: Internal Medicine
Research Area: Translational
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-e9bea0e5299f1bd31dd8d64356d74ddf_Sydney_Fobare.pptx
Tiffany George, Resident/Clinical Fellow
Project Title: Concurrent treatment of VEGFR tyrosine kinase inhibitors (TKIs) and Xa inhibitors is associated with increased bleeding risks
Advisor: Ming Yin MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-45f8c380e056a42ad1e48705fa4ac6e4_Tiffany_George.pptx

Timothy Grosel, Medical Student
Project Title: Germline variants in MBD4 do not predispose to uveal melanoma but do predict exceptional clinical outcomes
Advisor: Mohamed Abdel-Rahman MD, PhD
Department: Ophthalmology
Research Area: Clinical
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-0e3bde2f6ee26ee3cbdf6096d16d4ae8_Timothy_Grosel.pptx

Walter Hanel, Resident/Clinical Fellow
Project Title: A phase I dose escalation study evaluating the safety and tolerability of the combination of parasclisb and romidespin in relapsed/refractory T-cell lymphomas
Advisor: Basem William MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-b5385a807bbb743792e385bdeebcc4b3_Walter_Hanel.pptx

Amy Johnson, Resident/Clinical Fellow
Project Title: Outcomes of patients with cutaneous T-cell lymphoma (CTCL) treated with extracorporeal photopheresis (ECP): a single institution experience
Advisor: Basem William MRCP
Department: Hematology
Research Area: Clinical
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-ad4079953f97c4797d101ec3a685f2a7_AmyGJohnson.pptx

Martin Kery, Postdoctoral Researcher/Fellow
Project Title: Regulation of lipolysis modulates targeted therapy toxicity in thyroid cancers.
Advisor: Ioanna Papandreou PhD
Department: Radiation Oncology
Research Area: Basic
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-307a4fb8be0653038d0d34041dd4a6c_MK_trainee_poster_YP_04-01_MK2.pptx
- **Sofia Kolovich**, Undergraduate  
  **Project Title:** Anti-EGFL7 as a Novel Targeted Therapy in Acute Myeloid Leukemia  
  **Advisor:** Adrienne Dorrance PhD  
  **Department:** Internal Medicine  
  **Research Area:** Translational  
  **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research  
  **Poster link:** [http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-442f1c2fe0e9a9180d23d7d9bc28ca8a_Sofia_Kolovich.pptx](http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-442f1c2fe0e9a9180d23d7d9bc28ca8a_Sofia_Kolovich.pptx)

- **Allison LaRocco**, Medical Student  
  **Project Title:** Investigating the role of Egf7 in bone marrow in acute myeloid leukemia  
  **Advisor:** Adrienne Dorrance PhD  
  **Department:** hematology/oncology  
  **Research Area:** Basic  
  **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research  
  **Poster link:** [http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/80-e44f095298f351d00df8001172ecf02c_Allison_LaRocco.pptx](http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/80-e44f095298f351d00df8001172ecf02c_Allison_LaRocco.pptx)

- **Dayron Leyva Rodriguez**, Discovery Prep Trainee  
  **Project Title:** Bruton tyrosine kinase inhibitors: Role in cardiac health and disease  
  **Advisor:** Sakima Smith MD  
  **Department:** Davis Heart & Lung Research Institute  
  **Research Area:** Basic  
  **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research  

- **Michelle Lightfoot**, Resident/Clinical Fellow  
  **Project Title:** The identification of exosomal proteins as biomarkers for high-grade serous ovarian cancer  
  **Advisor:** Selvendiran Karuppaiah PhD  
  **Department:** Obstetrics/Gynecology  
  **Research Area:** Translational  
  **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research  
  **Poster link:** [http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-0bb2fdd619265ecc29ea9b3ec0f966ec4_Michelle_Lightfoot.pptx](http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-0bb2fdd619265ecc29ea9b3ec0f966ec4_Michelle_Lightfoot.pptx)

- **Matthew Lordo**, Medical Scientist Training Program (MSTP)  
  **Project Title:** Group 1 Innate Lymphoid Cell Dysregulation in Acute Myeloid Leukemia  
  **Advisor:** Bethany Mundy-Bosse PhD  
  **Department:** Internal Medicine  
  **Research Area:** Translational  
  **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research  
  **Poster link:** [http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-37d49bde77220027cfac4656b122009f_Matthew_Lordo.pptx](http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-37d49bde77220027cfac4656b122009f_Matthew_Lordo.pptx)

- **Sean Maroney**, Resident/Clinical Fellow  
  **Project Title:** The Impact of Obesity on Positive Margin Status in Patients Undergoing Proctectomy for Rectal Cancer  
  **Advisor:** Syed Husain MBBS  
  **Department:** Colon and Rectal Surgery  
  **Research Area:** Clinical  
  **Research Category:** Category 1: Cancer Biology & Clinical Cancer Research  
  **Poster link:** [http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-e44a100980e10683e28f97219446833a_Sean_Maroney.pptx](http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-e44a100980e10683e28f97219446833a_Sean_Maroney.pptx)
- **Resham Mawalkar**, Undergraduate
  Project Title: Lack of breastfeeding as a risk factor for breast cancer: A strategy to address prevention
  Advisor: Bhuvaneswari Ramaswamy MD
  Department: Internal Medicine
  Research Area: Basic
  Research Category: Category 1: Cancer Biology & Clinical Cancer Research
  Poster link: [http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-6073a19daec153ccad0f856b0ab25c_Mawalkar_Resham.pptx](http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-6073a19daec153ccad0f856b0ab25c_Mawalkar_Resham.pptx)

- **Amblessed Onuma**, Resident/Clinical Fellow
  Project Title: Neutrophil extracellular traps blockade in combination with PD-1 inhibition in treatment of colorectal cancer metastasis
  Advisor: Allan Tsung MD
  Department: Surgery
  Research Area: Translational
  Research Category: Category 1: Cancer Biology & Clinical Cancer Research
  Poster link: [http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-825838060382545136c19f5c773e859_Amblessed_Onuma.pptx](http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-825838060382545136c19f5c773e859_Amblessed_Onuma.pptx)

- **Michael Ozga**, Resident/Clinical Fellow
  Project Title: Predictors of Relapse after Haploidentical Hematopoietic Progenitor Cell Transplantation (Haplo-HCT); A Single-Institution Experience
  Advisor: Basem William MD
  Department: Hematology
  Research Area: Clinical
  Research Category: Category 1: Cancer Biology & Clinical Cancer Research

- **Taylor Pearl**, Medical Student
  Project Title: Facilitating the Oncolytic HSV Anti-Tumor Immune Response
  Advisor: Kevin Cassady MD
  Department: Nationwide Children's Hospital
  Research Area: Basic
  Research Category: Category 1: Cancer Biology & Clinical Cancer Research
  Poster link: [http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-b024974e4178f0a77dc4ee14437c5f5a_Taylor_Pearl.pptx](http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-b024974e4178f0a77dc4ee14437c5f5a_Taylor_Pearl.pptx)

- **Nikhil Pramod**, Undergraduate
  Project Title: HER2 as a target in Invasive Lobular Carcinoma
  Advisor: Bhuvaneswari Ramaswamy MD
  Department: Internal Medicine
  Research Area: Basic
  Research Category: Category 1: Cancer Biology & Clinical Cancer Research
  Poster link: [http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-2ff5fe4d46068c52f1fecc05488ed00a5_Nikhil_Pramod.pptx](http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-2ff5fe4d46068c52f1fecc05488ed00a5_Nikhil_Pramod.pptx)
Dionisia Quiroga, Resident/Clinical Fellow
Project Title: Exploratory analysis of immune checkpoint receptor expression by circulating T cells and tumor specimens in patients receiving neo-adjuvant chemotherapy for operable breast cancer
Advisor: William Carson MD
Department: Surgery
Research Area: Clinical
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-6ce7bc81ad22e9c38c7505233291c2f3_Dionisia_Quiroga.pptx

Janani Ravikrishnan, Biomedical Sciences Graduate Program (BSGP)
Project Title: Targeting Bcl-2 with fine-tuned Bcl-xL in venetoclax resistant Chronic Lymphocytic Leukemia
Advisor: Deepa Sampath PhD
Department: Internal Medicine
Research Area: Translational
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-066310226e1d699d344c6259f33a37a2_Janani_Ravikrishnan.pptx

Hannah Rinehardt, Medical Student
Project Title: Assessment of Leptomeningeal Carcinomatosis Management, Diagnosis and Outcomes from 2005 to 2015: a single institution experience
Advisor: Anne Noonan MD
Department: Stefanie Spielman Breast Center
Research Area: Clinical
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-0fd33c7a84ac86931cde38ae4006734c_Hannah_Rinehardt.pptx

Sara Singer, Resident/Clinical Fellow
Project Title: A phase II trial of avatrombopag for the treatment of thrombocytopenia after allogeneic hematopoietic stem cell transplant
Advisor: Basem William MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/216-8e0bd7c1d33815b4b2b64fde1277477_Sara_Singer.pptx

Benjamin Stromberg, Biomedical Sciences Graduate Program (BSGP)
Project Title: Understanding the Role and Therapeutic Potential of USP37 in Lung Adenocarcinoma
Advisor: Matt Summers PhD
Department: Radiation Oncology
Research Area: Basic
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-97a10b48afe1c659ec03966ac052e80b_Benjamin_Stromberg.pptx
Steven Sun,  Postdoctoral Researcher/Fellow  
Project Title: Targeting Myeloid Derived Suppressor Cells Enhances Therapeutic Response to Anti-PD-L1 Immune Checkpoint Blockade  
Advisor: William Carson MD  
Department: Surgery  
Research Area: Basic  
Research Category: Category 1: Cancer Biology & Clinical Cancer Research  
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-f36444e11bdbefeb95df139feb49c770_Steven_Sun.pptx

Miranda Tallman, Biomedical Sciences Graduate Program (BSGP)  
Project Title: Radio-sensitizing glioblastoma cancer stem cells by inhibiting FACT  
Advisor: Monica Venere PhD  
Department: Radiation Oncology  
Research Area: Basic  
Research Category: Category 1: Cancer Biology & Clinical Cancer Research  
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-eb0abbd60eba320bdc73ca2acf8aeb30_Miranda_Tallman.pptx

Max Wilberding, Undergraduate  
Project Title: The Role of OLFM4 in Cholangiocarcinoma  
Advisor: Sameek Roychowdhury MD, PhD  
Department: Internal Medicine  
Research Area: Translational  
Research Category: Category 1: Cancer Biology & Clinical Cancer Research  
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-8ee7f0dedf566685876666a6181f629f_Max_Wilberding.pptx

Alex Wollet, Undergraduate  
Project Title: Ultra-Fast Dynamic Perfusion PET in Esophageal Cancer to Assess Tumor Neovascularity Enabled by Digital Photon Counting PET/CT-A Feasibility Demonstration  
Advisor: Michael Knopp MD, PhD  
Department: Radiology  
Research Area: Translational  
Research Category: Category 1: Cancer Biology & Clinical Cancer Research  
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-fd668875db5209ec80e81984f078b77a_Alex__Wollet.pptx

Max Yano, Medical Scientist Training Program (MSTP)  
Project Title: Development of IL-21-expanded NK cells for CLL therapy  
Advisor: Natarajan Muthusamy DVM, PhD  
Department: Internal Medicine  
Research Area: Translational  
Research Category: Category 1: Cancer Biology & Clinical Cancer Research  
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-b47daf1a4fdebb7551d5f67408d874c_Max_Yano.pptx
Pu Zhang, Biomedical Sciences Graduate Program (BSGP)
Project Title: Identification of Novel Synthetic Lethal Partners of NAMPT Inhibitor By CRISPR-Cas9 Screens in Acute Myeloid Leukemia
Advisor: Rosa Lapalombella PhD
Department: Hematology
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-f26243e43c5fa04748c7c0f68ba4d955_Pu_Zhang.pptx

Rachel Brown, Medical Scientist Training Program (MSTP)
Project Title: CRISPR screens identifying factors altering cytokine expression profiles in type III innate lymphoid cells (ILC3)
Advisor: Eugene Oltz PhD
Department: Microbial Infection and Immunity
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-e54ea9945c37f774290b45d7094e3106_Rachel_Brown.pptx

Kylene Daily, Medical Scientist Training Program (MSTP)
Project Title: Microglial Autophagy-Mediated Clearance of Amyloid-Beta Plaques is Dysfunctional in Alzheimer's Disease Mice
Advisor: Amal Amer MD, PhD
Department: Microbial Infection and Immunity
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-328b0c4095b60d26390ff33470fa66fc_Kylene_Daily.pptx

Nicholas Deems, Neurosciences Graduate Program
Project Title: Modeling Young Microglia to look like Old Microglia: Is HMGB1 sufficient to induce a "primed" phenotype in young microglia
Advisor: Ruth Barrientos PhD
Department: Psychiatry
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-c58af7019eccd3df8f4ad6bcef33cd46_Nicholas_Deems.pptx

Audra Fullen, Biomedical Sciences Graduate Program (BSGP)
Project Title: Biofilm formation and Bordetella polysaccharide enhance innate immune resistance for Bordetella pertussis.
Advisor: Rajendran Deora PhD
Department: Microbial Infection and Immunity
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/2550-c8ddef4a6cc997e05471b31e69de9f5b_AUDRA_FULLEN.pptx

Jerra Furay, Undergraduate
Project Title: Dynamics of mucosal NK and ILCs following short term ALVAC treatment in B6 mice
Advisor: Namal Liyanage PhD
Department: Microbial Infection and Immunity
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-a8ddef4a6cc997e05471b31e69de9f5b_AUDRA_FULLEN.pptx
Brigitte Gonzalez Olmo, Anatomy
Project Title: High-fat diet evokes an exaggerated neuroinflammatory response in prefrontal cortex and impairments in spatial working memory in aged rats
Advisor: Ruth Barrientos PhD
Department: Neuroscience
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-0d88b89a0f2e36c52aa062fb8ce49b56_Gonzalez%2C_Brigitte_COM_poster.pptx

Rajdeep Grewal, Other
Project Title: Development of an in-silico spatially resolved NK cell signaling model to interrogate mechanisms of signal integration in human NK cells
Advisor: Jayajit Das PhD
Department: Pediatrics
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-f842633c35a930967f0e3119d21e9fee_Rajdeep_Grewal.pptx

Manuja Gunasena, Comparative & Veterinary Medicine Program
Project Title: ALVAC-HIV vector that used in RV144 clinical trial can regulate T cell responses in the very early phase of the vaccination
Advisor: Namal Liyanage PhD
Department: Microbial Infection and Immunity
Research Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-3950339f67f39a3a01c1211fee6123d7_Manuja_Gunasena.pptx

Tripti Gupta, Other
Project Title: Investigation of staphylococcus aureus aggregates on orthopedic biomaterials under varying shear stress
Advisor: Paul Stoodley PhD
Department: Microbial Infection and Immunity
Research Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-f8a0a6b25b98e4bb43fa4569d375ad8f_Tripti_Thapa_Gupta.pptx

Kaitlin Hamilton, Molecular, Cellular and Development Biology Graduate Program
Project Title: Identification of mitochondrial defects in cystic fibrosis macrophages
Advisor: Amal Amer MD, PhD
Department: Microbial Infection and Immunity
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-638b89de74fe4a0df2e633658925923b_Tripti_Thapa_Gupta.pptx
Jing Han, Biomedical Sciences Graduate Program (BSGP)
Project Title: Clinical correlations associated with development of de novo donor-specific antibody in the first year following kidney transplant at a single center
Advisor: Ginny Bumgardner MD, PhD
Department: Surgery
Research Area: Clinical
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-6f1a00f4e1619907733dd2705d583f7f_JING_HAN.pptx

Devin Jones, Biomedical Sciences Graduate Program (BSGP)
Project Title: Ikaros zinc finger transcription factors as novel regulators of T helper cell differentiation and STAT factor activity
Advisor: Ken Oestreich PhD
Department: Microbial Infection and Immunity
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-87ba4dd144cb64ff29771f29709879db_Devin_Jones.pptx

Aaren Kettelhut, Medical Scientist Training Program (MSTP)
Project Title: Altered Cardiovascular Disease Risk in HIV-Infection with Estrogen Therapy in Transgender Women
Advisor: Nicholas Funderburg PhD
Department: Health Rehabilitation & Sciences
Research Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-6433eb93475d860e15b99b53a48dd6ec_Aaren_Kettelhut.pptx

Paul Macklis, Medical Student
Project Title: The impacts of oral health symptoms, hygiene, and diet on the development and severity of psoriasis
Advisor: Benjamin Kaffenberger MD
Department: Dermatology
Research Area: Clinical
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/216-1ab15dab96e54b8a32a380b475d42fa9_Paul_Macklis.pptx

Emily McCauley, Undergraduate
Project Title: Epithelial Sodium Channel (ENaC) regulates Macrophage Function in Cystic Fibrosis
Advisor: Benjamin Kopp MD
Department: Nationwide Children's Hospital
Research Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-8f60e88e57cb0575f54b382e985e868e_Emily_Mccauley.pptx

Ansel Nalin, Medical Scientist Training Program (MSTP)
Project Title: The role of Notch signaling in human NK cell development
Advisor: Aharon Freud MD, PhD
Department: Pathology
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-e9d7f7eba176ffdd14095e5aff4f80ad_Ansel_Nalin.pptx
• Zayda Lizbeth Piedra-Quintero, Postdoctoral Researcher/Fellow  
**Project Title:** PRMT5 controls pathogenicity and metabolic genes during Th17 polarization  
**Advisor:** Mireia Guerau-de-Arellano PhD  
**Department:** Health and Rehabilitation sciences  
**Research Area:** Basic  
**Research Category:** Category 2: Basic and Applied Research in Inflammation, Infection & Immunology  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-244bd4ec52a92aede20339eb2f0850e6_Zayda_Piedra-Quintero.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-244bd4ec52a92aede20339eb2f0850e6_Zayda_Piedra-Quintero.pptx)

• Kaitlin Read, Biomedical Sciences Graduate Program (BSGP)  
**Project Title:** Eos supports Th1 differentiation through feed-forward propagation of the IL-2/STAT5 signaling pathway  
**Advisor:** Ken Oestreich PhD  
**Department:** Microbial Infection and Immunity  
**Research Area:** Basic  
**Research Category:** Category 2: Basic and Applied Research in Inflammation, Infection & Immunology  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-ad7b5ade22e9369ea8ca3a093d7bb805_Kaitlin_Read.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-ad7b5ade22e9369ea8ca3a093d7bb805_Kaitlin_Read.pptx)

• Valerie Rodriguez Irizarry, Discovery Prep Trainee  
**Project Title:** Susceptibility of Human Primary Decidual Cells to Listeria monocytogenes  
**Advisor:** Stephanie Seveau PhD  
**Department:** Microbial Infection and Immunity  
**Research Area:** Basic  
**Research Category:** Category 2: Basic and Applied Research in Inflammation, Infection & Immunology  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-a8810350fc8526a948fc90bed00bf718_Valerie_Rodriguez_.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-a8810350fc8526a948fc90bed00bf718_Valerie_Rodriguez_.pptx)

• Nathan Ryan, Anatomy  
**Project Title:** Inflammation is attenuated by black raspberry metabolites in a murine model of allergic contact dermatitis  
**Advisor:** Steve Oghumu PhD  
**Department:** Pathology  
**Research Area:** Basic  
**Research Category:** Category 2: Basic and Applied Research in Inflammation, Infection & Immunology  

• Shouvonik Sengupta, Biomedical Sciences Graduate Program (BSGP)  
**Project Title:** Role of T cell PRMT5 in cholesterol metabolism and EAE  
**Advisor:** Mireia Guerau PhD  
**Department:** Health and Rehabilitation Sciences  
**Research Area:** Basic  
**Research Category:** Category 2: Basic and Applied Research in Inflammation, Infection & Immunology  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-a42d7ed05f59fd9704e5a82e56f2741b_Shouvonik_Sengupta.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-a42d7ed05f59fd9704e5a82e56f2741b_Shouvonik_Sengupta.pptx)
Divya Shankar, Undergraduate
Project Title: Inhibition of BET proteins by novel inhibitor, PLX51107, regulates Fc\(\alpha\) receptors' function and reduces inflammation in rheumatoid arthritis
Advisor: Susheela Tridandapani PhD
Department: Internal Medicine
Research Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/80-7f63b66d178f56c68e4e813d26647e8f_Divya_Shankar.pptx

Rajni Kant Shukla, Postdoctoral Researcher/Fellow
Project Title: Role of Tonsillar Innate and Adaptive immune cells during SIV infection in Rhesus macaques
Advisor: Namal Liyanage PhD
Department: Microbial Infection and Immunity
Research Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-04324668e28eb65ad6c28fba4896989c_Rajni_Shukla.pptx

Darren Wethington, Biomedical Sciences Graduate Program (BSGP)
Project Title: McSNAC: A software package to determine signaling kinetics from single-cell protein phosphorylation data
Advisor: Jayajit Das PhD
Department: Nationwide Children's Hospital
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-a610e8ae5d6666ded0df47d000f224de_Darren_Wethington.pptx

Zachary Wilson, Undergraduate
Project Title: Method to differentiate human macrophages in vitro
Advisor: Mireia Guerau-de-Arellano PhD, PharmD
Department: Health and Rehabilitation Science
Research Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology

Benjamin Wisniewski, Other
Project Title: E-Cigarette Exposure Attenuates CFTR-Restoration In Cystic Fibrosis Tezacaftor/Ivacaftor Treated Macrophages
Advisor: Benjamin Kopp MD, MPH
Department: Pediatrics
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-a93aa9e8b8ab3f0ad7ca5f6d6b52434e_Benjamin_Wisniewski.pptx

Jenifer Akinduro, Medical Student
Project Title: Hyperglycemia Alters the Expression of Endoplasmic Reticulum Stress Proteins in Human Amniotic Fluid Stem Cells
Advisor: Peixin Yang PhD
Department: Reproductive Sciences
Research Area: Basic
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-66f293b9777417a91410ef1fe0b400e65_Jenifer_Akinduro_.pptx
vijaya bharti, Other
Project Title: Combinationatorial treatment with Aurora kinase and pro-survival BCL2 family protein inhibitor shows synergistic effect in Patient derived organoids of Melanoma.
Advisor: Anna Vilgelm MD, PhD
Department: Pathology
Research Area: Translational
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-952ba6c22c876ce39dd699a0884d33f_vijaya_bharti.ppt

Warren Campbell IV, Medical Scientist Training Program (MSTP)
Project Title: Retinal midkine provides neuroprotection from excitotoxic damage and facilitates the formation of Müller glia derived progenitor cells
Advisor: Andy Fischer PhD
Department: Neuroscience
Research Area: Basic
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-ac74e7955aa7c746280d83f0f7c0b2eb0_Warren_Campbell.pptx

Ting-Heng Chou, Other
Project Title: Quantitative assessment of skeletal muscle perfusion using a novel first-pass PET imaging technique: Application in pig model of hind limb ischemia and translation to PAD patients
Advisor: Mitchel Stacy PhD
Department: Surgery
Research Area: Translational
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-a05210f927e17be083b6e60b12448bb7_Ting-Heng_Chou.pptx

Clarine Long, Medical Student
Project Title: Hypoglycemia Awareness and Burden Among Hospitalized Patients at High Risk for Hypoglycemia
Advisor: Kathleen Dungan MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-4a952cbcb278bbd419083fe51ae1387d_Clarine_Long.pptx

Somayya Mohammad, Biomedical Sciences Graduate Program (BSGP)
Project Title: Calcium induced fragmentation of βII spectrin and statins' protective effect.
Advisor: Sakima Smith PhD
Department: Davis Heart & Lung Research Institute
Research Area: Translational
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-66dd81ea6e438718585642b4c39b392c_SOMAYYA_MOHAMMAD.pptx
Dina Moustafa, Other
Project Title: Drug Combinations That Can Overcome Resistance to PARP Inhibitor Therapy for BRCA1-Associated Breast Cancer
Advisor: Jeffrey Parvin MD, PhD
Department: Biomedical Informatics
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-c71b04db645f05f884ec931eaffd2585_Dina_Moustafa_poster_presentation_2.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-c71b04db645f05f884ec931eaffd2585_Dina_Moustafa_poster_presentation_2.pptx)

Kristen Navarro, Molecular, Cellular and Development Biology Graduate Program
Project Title: The role of tmed-3 and C18B12.6 in C. elegans cell signaling ligand secretion
Advisor: Helen Chamberlin PhD
Department: Molecular Genetics
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics

Devin O'Piela, Undergraduate
Project Title: Air Particulate Matter Inhalation Causes Alterations to Brain Microenvironment in Alzheimer-prone Mice
Advisor: Loren Wold MD
Department: Physiology & Cell Biology
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-7380ae90fccc145cd6e51c15f75dc6b02_Devin_OPiela.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-7380ae90fccc145cd6e51c15f75dc6b02_Devin_OPiela.pptx)

Bryce White, Discovery Prep Trainee
Project Title: Pleiotropic Effects of Statins May be Cardioprotective in Nature
Advisor: Sakima Smith MD
Department: Davis Heart & Lung Research Institute
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics

Bianca Zapanta, Resident/Clinical Fellow
Project Title: Exome Sequencing Results At Nationwide Children's Hospital And Influence On Medical Management
Advisor: Kandamurugu Manickam MD
Department: Medical Genetics
Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics
Poster link: [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-b1aedee687792980a6fbb1a83c1a7a7_Bianca_Zapanta.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-b1aedee687792980a6fbb1a83c1a7a7_Bianca_Zapanta.pptx)
Zachary Abrams, Postdoctoral Researcher/Fellow
Project Title: Large-scale cytogenetic profiling of lymphoid malignancies from the Mitelman database using CytoGenetic Pattern Sleuth (CytoGPS)
Advisor: Kevin Coombes PhD
Department: Biomedical Informatics
Research Area: Translational
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-b85eaf49259c1be89dd20cda2f091c6c_Zachary_Abrams.pptx

Khawlah Al-Muhanna, School of Health and Rehabilitation Sciences
Project Title: The Impact of Poverty on Diet and Health: Fostering Student Understanding through an Immersive Interprofessional Poverty Simulations
Advisor: Deborah Nichols-Larsen PhD
Department: School of Health and Rehabilitation Sciences
Research Area: Translational
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-9c8b3934cf19abcecdffedab55da9341_Khawlah_Al-Muhanna_COMposter.pptx

Sarah Anderson, School of Health and Rehabilitation Sciences
Project Title: Determinants of Implementing an Assistive Smartphone Navigation App for Individuals with Cognitive Disabilities
Advisor: Amy Darragh PhD
Department: Occupational Therapy
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-a90588a78126a270d0ca5f333399c489_Sarah_Anderson.pptx

Mackenzie Banks, Medical Student
Project Title: Return to Basecamp: Systemizing Student-Driven Ultrasound Research
Advisor: Michael Pratas MD
Department: Emergency Medicine
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-832d5cc199bff5468008a49186704aa5_Mackenzie_Banks.pptx

Barbara Barash, Resident/Clinical Fellow
Project Title: An investigation of the financial status, wellness and education of family medicine residents
Advisor: Fred Miser MD
Department: Family Medicine
Research Area: Translational
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-5538c79d07382cde82af995321ce0ef_Barbara_Barash.ppsx
Tyler Beauregard, School of Health and Rehabilitation Sciences
Project Title: Current Practices in Acute Musculoskeletal Injury Care: A National Survey of Athletic Trainers
Advisor: Mark Merrick PhD
Department: Athletic Training
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-705a3cc27d014d67274fc2f697b7d84d_Tyler_Beauregard.pptx

Belle Benazea-Fontem, Medical Student
Project Title: Differential Expression Patterns of Anesthetic Target Proteins in Mouse Cortical Neurons
Advisor: Andrew Hudson MD, PhD
Department: Anesthesiology
Research Area: Basic
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-f5980b4dd472733eed1f23afeb2b4cd8_Belle_BenanzeaFontem.pptx

Alison Biltz, Medical Student
Project Title: Patient and Provider Reported Uses, Benefits, and Barriers of MyChart Secure Messaging
Advisor: Jennifer Hefner PhD
Department: Family Medicine
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-453a5d50a0396d9613a6f2042fc2efc3_Alison_Biltz.pptx

Erin Bishop, Medical Student
Project Title: Acceptability of HPV self-sampling among a national sample of women in the United States
Advisor: Paul Reiter PhD
Department: Public Health
Research Area: Translational
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-d94d5257c5a7e0ea5c4c8b1e300fee2b_Erin_Bishop.pptx

Janice Bonsu, Medical Student
Project Title: Undergoing Hip Fracture Surgery at Critical Access Hospitals vs. Non-Critical Access Hospitals: An Analysis of Medicare Beneficiaries
Advisor: Carmen Quatman MD, PhD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/196-dffe1ceca1af5e3dc1457242f60a9faf_Janice_Bonsu.pptx
Angelique Boutzoukas, Resident/Clinical Fellow
Project Title: Cultivating Early Stewards: A Pilot Antimicrobial Stewardship Curriculum Improves Medical Student Comfort and Knowledge of Stewardship Concepts
Advisor: Joshua Watson MD
Department: Nationwide Children's Hospital
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-2d3049837633b1c5e5f4379f569bafe2_Angelique_Boutzoukas.pptx

Carolina Brea, Medical Student
Project Title: Language Barriers in Annual Wellness Visit Cognitive Screening
Advisor: Guibin Li MD, PhD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics

Kevin Calamari, Medical Student
Project Title: Assessing the utility of a novel non-human parotid model as an educational tool for determining pathology via ultrasound
Advisor: David Bahner MD
Department: Emergency Medicine
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-e7e2b361e5c5eca31b9e2eb01bd1d3e0_Kevin_Calamari.pptx

Jacqueline Chu, Medical Student
Project Title: Opioid Overprescribing and Procedure-specific Opioid Consumption Patterns for Plastic and Reconstructive Surgery Patients
Advisor: Jenny Barker MD, PhD
Department: Plastic Surgery
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-03e32186487fedd0156e7bacab1e2c8d_Jacqueline_Chu.pptx

Caitlin Coombes, Medical Student
Project Title: Umpire 2.0: Simulations of Realistic Clinical Data for Unsupervised Machine Learning
Advisor: Guy Brock PhD
Department: Biomedical Informatics
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-9522ac416992438a17929227536f0b11_Coombes_Umpire_TRD_VO_final.pptx
Jane Dewire, Medical Student
**Project Title:** Clinical Predictors of Safety and Efficacy of Veno-Venous Extra-Corporeal Life Support  
**Advisor:** Sree Satyapriya MD  
**Department:** Anesthesiology  
**Research Area:** Clinical  
**Research Category:** Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/Research Ethics  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-c49604df513a027e81477f50d0d94e09_Jane_Dewire_Recorded.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-c49604df513a027e81477f50d0d94e09_Jane_Dewire_Recorded.pptx)

Beth Foreman, Resident/Clinical Fellow
**Project Title:** Evaluation of Ultrasound Enhancing Agent Use in a University Echocardiography Lab  
**Advisor:** Timothy Obarski MD  
**Department:** Internal Medicine  
**Research Area:** Clinical  
**Research Category:** Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/Research Ethics  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-ddf66a5413713bbf65b11adc2b1b0913_Beth_Foreman.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-ddf66a5413713bbf65b11adc2b1b0913_Beth_Foreman.pptx)

Taylor Freeman, Medical Student
**Project Title:** Exploration of barriers to Gestational Diabetes Mellitus care: Perspectives of providers  
**Advisor:** Seuli Brill MD  
**Department:** Internal Medicine  
**Research Area:** Clinical  
**Research Category:** Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/Research Ethics  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-3a72808d1a06f60a78abfcd80b223a46_Taylor_Freeman.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-3a72808d1a06f60a78abfcd80b223a46_Taylor_Freeman.pptx)

Sarah Hatef, Medical Student
**Project Title:** Risk Factors for Failure of ORIF of Isolated Olecranon Fractures in Adults  
**Advisor:** Kanu Goyal MD  
**Department:** Orthopaedics  
**Research Area:** Clinical  
**Research Category:** Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/Research Ethics  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-dab436dc94bf8dafa2a9f1cc3c9c347a_TraineeDayPoster_SarahHatef.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-dab436dc94bf8dafa2a9f1cc3c9c347a_TraineeDayPoster_SarahHatef.pptx)

Trevor Hodson, Medical Student
**Project Title:** Enhanced Recovery After Surgery Protocols Decrease Outpatient Opioid Use in Patients Undergoing Abdominally Based Microsurgical Breast Reconstruction as compared to historical controls prior to ERAS protocols.  
**Advisor:** Albert Chao MD  
**Department:** Plastic Surgery  
**Research Area:** Clinical  
**Research Category:** Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/Research Ethics  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-8c1d14b69a5f642835b33d6d01545c_Trevor_Hodson.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-8c1d14b69a5f642835b33d6d01545c_Trevor_Hodson.pptx)
Paul Horning, Medical Student
Project Title: Urology Faculty Perspectives on Research Mentorship
Advisor: Tasha Posid PhD
Department: Urology
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-edd943f7b8ebcc54de0c0ab6cd43a7f4_Paul_Horning.pptx

Pallavi Jonnalagadda, Postdoctoral Researcher/Fellow
Project Title: Health-related Internet use among cancer survivors: findings from the Health Information National Trends Survey, 2003-2018
Advisor: Naleef Fareed PhD
Department: CATALYST
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-b49ca34af359ceafe8d077c894d60fe5_Pallavi_Jonnalagadda.pptx

Lily Kaufman, Undergraduate
Project Title: Cross-Cultural Training in Healthcare: A Global Health Experience for Medical Trainees
Advisor: Tasha Posid PhD
Department: Urology
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-cda1fed2d791a498248b23c66635fb68_Lily_Kaufman.pptx

Julia Kumar, Undergraduate
Project Title: Evaluating the Impact of Pulmonary Artery Dysfunction After Lung Transplant Surgery: A Systematic Review and Meta-Analysis
Advisor: Manoj Iyer MD
Department: Anesthesiology
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-2f310b0915fc87703d4341c667714be_Julia_Kumar.pptx

Celia Ligorski, Resident/Clinical Fellow
Project Title: A Pilot Study of the Effectiveness of an eLearning Module to prepare residents for the Pediatric ICU
Advisor: Claire Stewart MD
Department: Pediatrics
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-5278856cde425d136d4a9f3ca541699b_Celia_Ligorski.pptx

Daniel Lynch, Medical Student
Project Title: The Effect of Derotational Kirschner Wires on Fracture Gap Reduction with Variable-Pitch Headless Screws
Advisor: Kanu Goyal MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-e6787ad622f7ebfca98c8f3345151ed3_Daniel_Lynch.pptx
Lauren Mansour, Health and Rehabilitation Science Graduate Program
Project Title: Exploring the Use of Multimedia Resources in Online Medical Education: A Targeted Literature Review
Advisor: Emily Patterson PhD
Department: Medical Technology
Research Area: Translational
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-60976ea5a8affcbf4f7fc2e7d859e5e_Lauren_Mansour.pptx

Andrew Patt, Biomedical Sciences Graduate Program (BSGP)
Project Title: MDM2 copy number aberrations alter ceramide glycosylation in liposarcoma tumors, impacting drug response
Advisor: Ewy Mathe PhD
Department: Biomedical Informatics
Research Area: Translational
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-a68a794b8292758e8ed386cd1b136853_Andrew_Patt.pptx

Matthew Phillips, Medical Student
Project Title: Factors Associated with Multiple Psychiatric Readmissions for Youth with Mood Disorders
Advisor: Cynthia Fontanella PhD
Department: Psychiatry
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-4f0fb2f0a7798f34c8a222e17c753ec1_Matthew_Phillips.pptx

Shijie Qu, Undergraduate
Project Title: Combining Structured and Unstructured Data in Electronic Health Record for Readmission Prediction via Knowledge-Linking Network
Advisor: Ping Zhang PhD
Department: Biomedical Informatics
Research Area: Translational
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
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Arwa Raza, Medical Student
Project Title: Provider Socioeconomic Bias in Cognitive Impairment Screenings
Advisor: Guibin Li MD, PhD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-a4acf9ec6ed47eda1bb7af0b7d371ba64_Arwa_Raza.pptx
Ashlee Senay, Resident/Clinical Fellow
Project Title: Street Smarts for Medical Students: Implementing a Novel Course on Social Determinants of Health
Advisor: Julie Niedermier MD
Department: Psychiatry
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
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Steven Shen, Medical Student
Project Title: Training Environment Simulating Transesophageal Echocardiography (TEST)
Advisor: Michael Prats MD
Department: Emergency Medicine
Research Area: Basic
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-782c9ec20e54114b09858c8068c70960_Steven_Shen.pptx

Kyle Spencer, Biomedical Sciences Graduate Program (BSGP)
Project Title: The Effect of Diet on the Metabolome and Microbiome on the Colon of a Lifetime Obesity Murine Model
Advisor: Ewy Mathe PhD
Department: Biomedical Informatics
Research Area: Basic
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
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Douglas Weaver, Medical Student
Project Title: Assessing the relationship between frailty and post-operative outcomes following elective posterior lumbar fusion using the Modified 5-item Frailty Index (mFI-5)
Advisor: Elizabeth Yu MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-7520e1b7044d41e4b53cc258a26ceb0c_Douglas_Weaver.pptx

Romi Xi, Medical Student
Project Title: Differences in Patient Age and Specialist Referral Rates in the Setting of the Medicare Annual Wellness Visit Cognitive Screening
Advisor: Guibin Li MD, PhD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 4: Biomedical Informatics/Health Care Education, Delivery, Organization/ Research Ethics
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-263be1291115da5597471d3dd7e82b4_Romi_Xi.ppsx
 Morgan Amigo, Medical Student
Project Title: Change in Peanut Skin Prick Testing Over Time in Infants at Risk for Food Allergy Who Continue to Avoid Peanut
Advisor: Benjamin Prince MD
Department: Pediatrics
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-30de7ba8c99bb66d11b0b6dd70d8b5b3_Morgan_Amigo.pptx

 Daniel Brook, Medical Scientist Training Program (MSTP)
Project Title: Ecological Relationship Between Office-Based Buprenorphine Prescribing Capacity and Acute HCV Rates in the United States, 2014-2016
Advisor: William Miller MD, PhD, MPH
Department: College of Public Health
Research Area: Translational
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-2ff045df228c2b28a02f8cd8cf736109_Daniel_Brook.pptx

 Kaetlyn Culter, Undergraduate
Project Title: Travel Partner Satisfaction and Effectiveness of Wayfinder System
Advisor: Carmen DiGiovine PhD
Department: Occupational Therapy
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-ec991f76b7db43db1f6b07ee250563e4_Kaetlyn_Culter.pptx

 Stephanie Fanelli, Health and Rehabilitation Science Graduate Program
Project Title: Lower Protein Intake is Associated with Lower Physical Functioning and Diet Quality in Adults with Diabetes: 2005-2016 NHANES
Advisor: Christopher Taylor PhD
Department: Medical Dietetics
Research Area: Translational
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-516f8fed5ac54b715c7ce286634314f2_Stephanie_Fanelli.pptx

 Corey Gatewood, Medical Student
Project Title: Age Influences Biomechanical Changes After Participation in an Anterior Cruciate Ligament Injury Prevention Program
Advisor: Julie Thompson PhD
Department: Biomedical Engineering
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-253e8ebf366391dd5771ff94903fc3_Corey_Gatewood.pptx
Daniel Gilmore, Health and Rehabilitation Science Graduate Program
Project Title: Autistic Adults' Satisfaction with Care at a Primary Care Medical Home
Advisor: Brittany Hand PhD
Department: Occupational Therapy
Research Area: Basic
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-73d093428f2a7fa29fdce24e2cab9988_Daniel_Gilmore.pptx

Hannah Huffman, Health and Rehabilitation Science Graduate Program
Project Title: The relationship between body composition and clinical outcomes in pediatric cystic fibrosis.
Advisor: Marcia Nahikian-Nelms PhD
Department: Health and Rehabilitation Sciences
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-739421f20f797762e6b584e88ba8cb50_Hannah_Huffman.pptx

Jessica Jung, Health and Rehabilitation Science Graduate Program
Project Title: Diet Quality and Differences in Physical and Cognitive Function of U.S. Older Adults
Advisor: Christopher Taylor PhD
Department: Medical Dietetics
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-46d7dff43a9abde66c53c1d3a987194b_Jessica_Jung.pptx

Colin Kloock, Medical Student
Project Title: Moving from Assessment to Intervention in Geriatric Oncology
Advisor: Ashley Rosko MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-dacda7d2a33d309d51714ab03c4071f5_Colin_Kloock.pptx

Grace Lee, Medical Student
Project Title: The Association of Anthropometric, Imaging and Biological Measures of Adiposity with Aldosterone among African Americans: The Jackson Heart Study
Advisor: Joshua Joseph MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-3574ab95a30d235f2fe2e9085bd9291_Adiposity_and_Aldosterone_Final_Poster-_JJJ.pptx
Anne Longo, Undergraduate
Project Title: Primary Care Medical Home Linked with Improved Continuity of Care Among Autistic Adults
Advisor: Brittany Hand DOT, PhD
Department: Occupational Therapy
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-e94c491fdeb58a46aa4ef386fd60bd8_Anne_Longo.pptx

John Mickley, Medical Student
Project Title: Patient and Surgical Factors Influence Postoperative Opioid Prescription in Single Admission Single Surgery Orthopaedic Trauma Patients
Advisor: Kanu Goyal MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-79e76a1a20942389e9dc93e61b5928d_John_Mickley.pptx

Christine Miguel, Medical Student
Project Title: Scripted Tours Through a Giant Inflatable Colon: An Innovative and Effective Educational Tool in Diverse Urban Communities
Advisor: Darrell Gray MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-696cfdfc2d68bc8205c1a6f8cfc4bd_Christine_Miguel.pptx

Lauren Montemorano, Resident/Clinical Fellow
Project Title: Differences in Self-Reported Health-Related Quality of Life in Heterosexual and Sexual Minority Women Surviving Cancer: 2013-2018 National Health Interview Survey
Advisor: Floor Backes MD
Department: Obstetrics/Gynecology
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-49306e199451683e2d4c6abb9eac406_Lauren_Montemorano.pptx

Candice Park, Medical Student
Project Title: Sacral nerve stimulation: Long-term outcomes for children with functional and organic defecation disorders
Advisor: Peter Lu MD, MS
Department: Nationwide Children's Hospital
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmosresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-401e90ceb4b655296f823f5d9e1e49f_Candice_Park.pptx
Janell Pisegna, Health and Rehabilitation Science Graduate Program
Project Title: Mental Health-Related Quality of Life Influences Diet Quality in Older Female Cancer Survivors
Advisor: Jessica Krok-Schoen PhD
Department: Health Sciences
Research Area: Translational
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-1b02ddee3d9e83910e349b0380a5b4773_Janell_Pisegna.pptx

Nikou Pishevaresfahani, Medical Student
Project Title: Outcomes in severe bronchopulmonary dysplasia based on respiratory support at 36 weeks post menstrual age
Advisor: Leif Nelin MD
Department: Nationwide Children's Hospital
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/195-83248be838a4ca3bdbf2a45b605cb8b6_Pishevaresfahani_Nikou_BPD_.ppt

Nathan Rodrigues, Undergraduate
Project Title: Bridging the Gap: ENCompass' Internal Review of Social Care Impact
Advisor: Diane Habash PhD
Department: Family Medicine
Research Area: Translational
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-161e236eae3d0780af8a26b615e9af3_Nathan_Rodrigues.pptx

Benjamin Sarac, Medical Student
Project Title: Gender Differences in Patients Undergoing Surgical Repair of Acute Type A Aortic Dissection
Advisor: Nahush Mokadam MD
Department: Surgery
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-5cc2fd6575617fb98c3bc363ae91e7e8_Benjamin_Sarac.pptx

Zhana Smith, Medical Student
Project Title: Medicare Annual Wellness Visit Cognitive Screening in Different Racial Groups
Advisor: Guibin Li MD, PhD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 5: Research in Special Populations and Community Research
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-73bc0d93a1e96f0f47915d087ee83249_Zhana_Smith.pptx
Ashley Stojkov, Undergraduate  
**Project Title:** Case Series of an Accessible Smartphone Navigation Application for Individuals with Cognitive Disabilities to Improve Community Mobility  
**Advisor:** Carmen DiGiovine PhD  
**Department:** Occupational Therapy  
**Research Area:** Clinical  
**Research Category:** Category 5: Research in Special Populations and Community Research  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-b51fbd0e0f27968969b2821cd28ebdd_Ashley_Stojkov.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-b51fbd0e0f27968969b2821cd28ebdd_Ashley_Stojkov.pptx)

Patrick Sylvester, Resident/Clinical Fellow  
**Project Title:** Retrospective Chart Review of ED CT Chest Utilization in Patients with Cancer  
**Advisor:** Eric Adkins MD  
**Department:** Emergency Medicine  
**Research Area:** Clinical  
**Research Category:** Category 5: Research in Special Populations and Community Research  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-fa55cacf7a8550cb1b9ed5c223d955db_Patrick_Sylvester.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-fa55cacf7a8550cb1b9ed5c223d955db_Patrick_Sylvester.pptx)

Jordan Vajda, Medical Student  
**Project Title:** Pediatric Cosmetic-Related Injuries Treated in US Emergency Departments: 2002 through 2016  
**Advisor:** Lara McKenzie PhD  
**Department:** Nationwide Children's Hospital  
**Research Area:** Clinical  
**Research Category:** Category 5: Research in Special Populations and Community Research  
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-e6ac7b9b146d19c50b25bd015f4a6eb2_Jordan_Vajda.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-e6ac7b9b146d19c50b25bd015f4a6eb2_Jordan_Vajda.pptx)

Srikanth Vedachalam, Resident/Clinical Fellow  
**Project Title:** Outcomes of Cholecystostomy With and Without Follow-Up Cholecystectomy in Patients with Cirrhosis  
**Advisor:** Khalid Mumtaz MD  
**Department:** Internal Medicine  
**Research Area:** Clinical  
**Research Category:** Category 5: Research in Special Populations and Community Research  

Jack Xie, Medical Student  
**Project Title:** Discharge to Inpatient Care Facilities following ORIF for Ankle Fractures Increases the Risk of Post-discharge 30-day Complications, Re-admissions and Re-operations  
**Advisor:** Safdar Khan MD  
**Department:** Orthopaedics  
**Research Area:** Clinical  
**Research Category:** Category 5: Research in Special Populations and Community Research  
Elizabeth Auckley, Medical Student
**Project Title:** Prospective Measurement of Sarcopenia with Masseter Muscle Ultrasound in Elderly Trauma Patients
**Advisor:** Itay Bentov MD, PhD
**Department:** Anesthesiology
**Research Area:** Clinical
**Research Category:** Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-d69d2717e46dad7637360833436083b2_Elizabeth_Auckley.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-d69d2717e46dad7637360833436083b2_Elizabeth_Auckley.pptx)

Christopher Ayoub, Medical Scientist Training Program (MSTP)
**Project Title:** Gene expression signature of neuroprotection against Alzheimer's tauopathy
**Advisor:** Jeff Kuret PhD
**Department:** Molecular & Cellular Biochemistry
**Research Area:** Basic
**Research Category:** Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-c2a2aed1f9c4f18c0e99dfe261b255de_Christopher_Ayoub.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-c2a2aed1f9c4f18c0e99dfe261b255de_Christopher_Ayoub.pptx)

Christian Blough, Medical Student
**Project Title:** Biologic Augmentation of Isolated Meniscal Repair: A Systematic Review and Meta-Analysis
**Advisor:** David Flanigan MD
**Department:** Orthopaedics
**Research Area:** Translational
**Research Category:** Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-e72157bc06bbaaddea97b38ca3c5e1c_Christian_Blough.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-e72157bc06bbaaddea97b38ca3c5e1c_Christian_Blough.pptx)

Michael Butler, Postdoctoral Researcher/Fellow
**Project Title:** Fatty foods, fatty acids, and microglial priming in the adult and aged hippocampus and amygdala
**Advisor:** Ruth Barrientos PhD
**Department:** Psychiatry
**Research Area:** Basic
**Research Category:** Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-668fae681ec5ee2f728703ff6d1b60f5_OSU_COM_research_day_poster_narration.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-668fae681ec5ee2f728703ff6d1b60f5_OSU_COM_research_day_poster_narration.pptx)

David Calafiore, Medical Student
**Project Title:** Imaging implant associated meniscus microtears in human cadaveric menisci
**Advisor:** David Flanigan MD
**Department:** Orthopaedics
**Research Area:** Basic
**Research Category:** Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
**Poster link:** [http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-cd976f2da6567268a65d768ce9aa0e1_David_Calafiore.pptx](http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-cd976f2da6567268a65d768ce9aa0e1_David_Calafiore.pptx)
✓ Parker Cavendish, Medical Student
Project Title: Platelet-Rich Plasma Reduces Failure Risk for Isolated Meniscal Repairs but Provides No Benefit for Meniscal Repairs With Anterior Cruciate Ligament Reconstruction
Advisor: David Flanigan MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
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✓ Jennifer Dai, Medical Student
Project Title: Outcomes Following Hybrid ACL Repair
Advisor: Kevin Klingele MD
Department: Nationwide Children's Hospital
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-3896becf343be8ecca23d248022906dc_Jennifer_Dai.pptx

✓ Summer Fair, Discovery Prep Trainee
Project Title: Investigating the functional significance of a novel missense AUTS2 variant using patient-specific cerebral organoids
Advisor: Mark Hester PhD
Department: Nationwide Children's Hospital
Research Area: Translational
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-ef1a484cb0c631c375952384f590f183_Summer_Fair.pptx

✓ Bhageerathi Ganesan, Undergraduate
Project Title: Effect of Nano-dysferlin variants on membrane repair capacity of A/J mouse muscle and dysferlin-deficient cell lines
Advisor: Noah Weisleder PhD
Department: Physiology & Cell Biology
Research Area: Basic
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders

✓ Mangala Gopal, Resident/Clinical Fellow
Project Title: Intravenous Thrombolysis in Acute Ischemic Stroke Patients With Infective Endocarditis
Advisor: Vivien Lee MD
Department: Neurology
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-9a3dee646b3e36542a21b3e5b32ec8bac_Mangala_Gopal.pptx
Claire Hoffman, Biophysics
Project Title: Design and synthesis of PET imaging agents for Parkinson's disease
Advisor: Jeff Kuret PhD
Department: Molecular & Cellular Biochemistry
Research Area: Basic
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-bb2eb7252ca0bc29015917aa6f592abb_Claire_Hoffman.pptx

Daniela Jimenez-Harrison, Medical Scientist Training Program (MSTP)
Project Title: Tau protein aggregation propensity is antagonized by DJ-1 chaperone
Advisor: Jeff Kuret PhD
Department: Molecular & Cellular Biochemistry
Research Area: Basic
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-2336fe3666278c2f87e1ba8ab68a35f6_Daniela_JimenezHarrison_updatedaudio.pptx

Umang Khandpur, Medical Student
Project Title: Functional Recovery via Preregenerated Nerve Graft in Rat Sciatic Nerve Injury Model
Advisor: Wilson Ray MD
Department: Dept. of Neurosurgery, Washington Univ. in St. Louis School of Medicine
Research Area: Translational
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
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Kenna Koehler, Medical Student
Project Title: Diagnosis of Adult-Onset Hypophosphatasia Presenting with Metatarsal Stress Fracture: Proof-of-Concept for a Case Finding Strategy
Advisor: Steven Ing MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-e96ff26ed1a4eb2c5f2046b0a1218d84_Kenna_Koehler.pptx

Nina Livermore, Medical Student
Project Title: Exploring Demographics, Treatment, and Outcomes for Pediatric Bony Ulnar Collateral Ligament (UCL) Injuries
Advisor: Julie Samora MD, PhD, MPH
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-7c43fc5ef9129cea1fac0cee2ebdb8cb_POSTER.pptx
Jonathan Morena, Resident/Clinical Fellow
Project Title: Ehrlichia Meningoencephalitis: A Case Series
Advisor: Dilip Singh MD
Department: Neurology
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/196-c326c9efdb3294379458953cc5ac006f_Jon_Morena.pptx

Stephanie Muscat, Biomedical Sciences Graduate Program (BSGP)
Project Title: The Role of TLR-4 in Post-Operative Cognitive Decline and its Potential Use as a Novel Therapeutic Target
Advisor: Ruth Barrientos PhD
Department: Psychiatry
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-a70cebd2b424665288c269bf2a5db878_Stephanie_Muscat.pptx

Kenechukwu Okoye, Medical Scientist Training Program (MSTP)
Project Title: Intraoperative femoral anterior-posterior position with respect to the tibia influences peak knee flexion moment two years after total knee arthroplasty
Advisor: Laura Schmitt PhD
Department: Physical Therapy
Research Area: Translational
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-8f50b489499dfb5332a34f16fdb889ba_Kenechukwu_Okoye.pptx

Althea Perez, Medical Student
Project Title: Bone Mineral Density and Hardware Failure in Pediatrics
Advisor: Amanda Whitaker MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-df9103b51a871bd356edb55f9d38d979_Althea_Perez.ppt

Jennifer Petrosino, Biomedical Sciences Graduate Program (BSGP)
Project Title: METTL3 is an RNA modifying methyltransferase that regulates hypertrophy in skeletal muscle
Advisor: Federica Accornero PhD
Department: Physiology & Cell Biology
Research Area: Basic
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-c7f0caff332744b784a66e1a285f63d4_Jennifer_Petrosino.pptx
Megan Pino, Medical Scientist Training Program (MSTP)
Project Title: Development and characterization of a mouse model of an ALS-associated Kif5a variant
Advisor: Stephen Kolb MD, PhD
Department: Neurology
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
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Rahul Rege, Medical Student
Project Title: Does intra-operative testing reliably predict post-operative stimulation thresholds during DBS surgery?
Advisor: Vibhor Krishna MD
Department: Neurological Surgery
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-f7be410af00dc3baf9a88e40438754d9_Rahul_Rege.pptx

Austin Roebke, Resident/Clinical Fellow
Project Title: Evaluation of the Role of Dynamic Elbow Stabilizers on Radiocapitellar Joint Alignment
Advisor: Amy Speeckaert MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
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Benjamin Seicol, Neurosciences Graduate Program
Project Title: Neuroimmune Consequences of Aging and Noise Exposure in Mice
Advisor: Ruili Xie PhD
Department: Otolaryngology
Research Area: Basic
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-0b52c7985e552f6028fffd189203fb0c_Ben_Seicol.pptx

Luke Smith, Resident/Clinical Fellow
Project Title: Comparison of Parental Satisfaction and Outcomes of Strip Craniectomy with Helmet versus Spring-Mediated Remodeling in Sagittal Craniosynostosis
Advisor: Annie Drapeau MD
Department: Neurological Surgery
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Samantha Walkin, Undergraduate
Project Title: Forelimb training to improve trunk stability and hindlimb locomotion after thoracic SCI
Advisor: D. Michele Basso Ed.D, PT
Department: School of Health and Rehabilitation Sciences
Research Area: Translational
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
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Edward Woods, Medical Student
Project Title: The Implications of Timing of Acquisition of Culture Specimens for Evaluation of Suspected Septic Arthritis
Advisor: Anne Sullivan MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
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Wenyuan Yin, Medical Scientist Training Program (MSTP)
Project Title: Brain endothelial cells contribute to inflammatory signaling following social stress
Advisor: Jonathan Godbout PhD
Department: Neuroscience
Research Area: Basic
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/196-34843c274b6133b9a99e295778532998_Wenyuan_Yin.pptx

Kylie Zane, Medical Student
Project Title: Bacteria and their viruses in the gut microbiome are altered in response to spinal cord injury
Advisor: Matthew Sullivan PhD
Department: Microbiology
Research Area: Translational
Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders
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Esthela Artiga, Anatomy
Project Title: Heart Failure Induced MicroRNA and mRNA Alterations in the Human Sinoatrial Node May Lead to Sinoatrial Node Dysfunction
Advisor: Vadim Fedorov PhD
Department: Physiology & Cell Biology
Research Area: Basic
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-999cc0e701f7e78f40bbe296a31ac673_Esthela_Artiga.ppsx
Sarah Beach, Anatomy
Project Title: Impact of Age on Submucosal Nerve Measurements in Rectal Biopsies from Patients with Hirschsprung Disease
Advisor: Melissa Quinn PhD
Department: Nationwide Children's Hospital
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-8f06b52249c4b956add3eb616e658276_Sarah_Beach.pptx

Aneel Bhagwani, Pulmonary and Critical Care and Sleep Medline
Project Title: Clonal expansion of CD117+ Endothelial cells yields highly proliferative Endothelial Cells with progenitor cell phenotype and reduced p53 expression in Pulmonary Hypertension.
Advisor: Laszlo Farkas MD, PhD
Department: Internal Medicine
Research Area: Translational
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-c595dc21495ace4375fa77dc2827bb57_Research_day_poster_aneel_bhagwani.ppsx

Kevin Blum, Medical Scientist Training Program (MSTP)
Project Title: Gender-Specific Effects of Tamoxifen on Neotissue Development in Murine Tissue Engineered Vascular Grafts
Advisor: Christopher Breuer MD
Department: Nationwide Children's Hospital
Research Area: Basic
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Mena Botros, Resident/Clinical Fellow
Project Title: Early Postoperative Acute Kidney Injury and End Stage Renal Disease in Lung Transplant Recipients
Advisor: Brian Keller MD, PhD
Department: Pulmonary, Critical Care, and Transplant Medicine
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-ffb1afd7424f02391b23c686999e945c_Mena_Botros.pptx

Grace Castelli, Medical Student
Project Title: Duration of emergency room admission does not change outcomes for penile fracture repair, a single institution experience
Advisor: Tasha Posid PhD
Department: Urology
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-1e04cf2803fbb43a9f27b3659e52cc10_Grace_Castelli.pptx
Lisa Dorn, Medical Scientist Training Program (MSTP)
Project Title: Microfibrillar-associated protein 4 regulates maladaptive cardiac remodeling
Advisor: Federica Accornero PhD
Department: Physiology & Cell Biology
Research Area: Basic
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-053716f203fd46e69675e63426aa160_Lisa_Dorn.pptx

Michael Durda, Medical Student
Project Title: Progress Toward Development of a Novel Factor XIII Activity Assay
Advisor: Bryce Kerlin MD
Department: Pediatrics
Research Area: Basic
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Andrew Gabanic, Medical Student
Project Title: Pulmonary Hypertension Resolves Post Transplantation in Patients Treated with Milrinone or Dobutamine
Advisor: Sakima Smith MD
Department: Internal Medicine
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-77f1ff4774ea420a1725b3d11db81e4b_Andrew_Gabanic.pptx

Austin Hare, Undergraduate
Project Title: Positive Inotropic Response to (-)-Epigallocatechin-3-Gallate in Isolated Human Myocardium
Advisor: Paul Janssen PhD
Department: Physiology & Cell Biology
Research Area: Basic
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-195c824756c9e31183396eda76daf24b_Austin_Hare.pptx

Nicole Hoeflinger, Undergraduate
Project Title: Linkage of LDLr Human Mutation to Severe Familial Hypercholesterolemia
Advisor: Sara Koenig PhD
Department: Physiology & Cell Biology
Research Area: Translational
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-245dfcc0a52585685305e5cfe4e8fa7_%28Nicole_Hoeflinger%29.pptx
Amanda Huang, Medical Scientist Training Program (MSTP)
Project Title: Memantine is associated with decreased hospital admissions for heart failure exacerbation but not arrhythmia
Advisor: Paul Janssen PhD
Department: Physiology & Cell Biology
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-8aa2436023a29fdecd92e5d7f98b2e00_Amanda_Huang.pptx

Kyle Kopechek, Medical Student
Project Title: Risk Factors for Postoperative Blood Transfusion After Shoulder Arthroplasty
Advisor: Gregory Cvetanovich MD
Department: Orthopaedics
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-5cde53227a2bc33fc34ee3cef7840c7a_Kyle_Kopechek.pptx

Nicolas Kumar, Medical Student
Project Title: Intraoperative Pulmonary Vein Velocities as a Predictor of Primary Graft Dysfunction Following Lung Transplantation: A Single-Center Retrospective Analysis
Advisor: Amar Bhatt MD
Department: Anesthesiology
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-63f443fed7f852d7981fd9a98dd7b885_Nicolas_Kumar.pptx

Tassiana Maloof, Medical Student
Project Title: Anal dilations in primary posterior sagittal anorectoplasty: A randomized controlled trial
Advisor: Richard Wood MD
Department: Surgery
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-88b1ed5c2b517e887d17b367729ba0da_Tassiana_Maloof.pptx

Megan Mansour, Undergraduate
Project Title: The effect of brown adipose tissue on cardiac function
Advisor: Mark Ziolo PhD
Department: Physiology & Cell Biology
Research Area: Translational
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Yuichi Matsuzaki, Other
Project Title: Development of acellular bio-degradable tissue engineered arterial graft in sheep carotid artery model.
Advisor: Toshiharu Shinoka MD, PhD
Department: Nationwide Children's Hospital
Research Area: Translational
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Nicolette Payne, Medical Student
Project Title: Drain Placement after Robotic Assisted Pyeloplasty in Adults
Advisor: Box Geoffrey MD
Department: Urology
Research Area: Clinical
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-83007e82e2b256d2ce8d33be58f93cc6_NPayne_DrainPlacement_2020_Poster.pptx

Shane Scott, Medical Scientist Training Program (MSTP)
Project Title: In-vivo and ex-Vivo High-Resolution Near-Infrared Optical Mapping to Visualize Reentrant Drivers of Persistent Atrial Fibrillation in a Translational Canine Model
Advisor: Vadim Fedorov PhD
Department: Physiology & Cell Biology
Research Area: Translational
Research Category: Category 7: Cell Biology and Organ Specific Disorders
Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-a63afe74b0fd6204622ee66563108c6_Shane_Scott.ppsx

Zheng Hong Tan, Medical Scientist Training Program (MSTP)
Project Title: Impact on macrophages on epithelial regeneration
Advisor: Tendy Chiang MD
Department: Nationwide Children's Hospital
Research Area: Translational
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Gina S Torres Matias, Discovery Prep Trainee
Project Title: Calcium Cycling Proteins Assessment in Human Heart Failure
Advisor: Paul Janssen PhD
Department: Physiology & Cell Biology
Research Area: Translational
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Audrey White, Medical Student
Project Title: Natural History of Tracheal Microvasculature in a Mouse Model of Syngeneic Tracheal Replacement
Advisor: Tendy Chiang MD
Department: Otolaryngology
Research Area: Basic
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Joshua Zent, Medical Scientist Training Program (MSTP)
Project Title: An imaging-based platform for detection of pericellular matrix metalloproteinase activity in the 3D microenvironment
Advisor: Jennifer Leight MD
Department: Biomedical Engineering
Research Area: Basic
Research Category: Category 7: Cell Biology and Organ Specific Disorders
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Noah Mcgreal
Project Title: Development and Application of a Novel and Efficient Skills Assessment Tool: A Pilot Initiative to Measure Vasectomy Competency On A Smart Phone
Advisor: Matthew Murtha
Department: Research Area:
Research Category:
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Charissa Newkirk
Project Title: The Role of Peer-Led Educational Mentorship Sessions for USMLE Board Preparation
Advisor: Matthew Murtha
Department: Research Area:
Research Category:
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-f8f01f6e7a10a2915c66a967d8e602de_Charissa_Newkirk.pptx
## 2020 Student Organizing Committee

<table>
<thead>
<tr>
<th>Trainee Name</th>
<th>Trainee Program</th>
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</thead>
<tbody>
<tr>
<td>Kevin Blum</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Matt Lordo</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Lisa Dorn</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Gabe Mirhaidari</td>
<td>Biomedical Sciences Graduate Program (BSGP)</td>
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<td>Roy Chang</td>
<td>Biomedical Sciences Graduate Program (BSGP)</td>
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<tr>
<td>Charles Rabolli</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<td>Felix Yang</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Arden Piepho</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Matthew Murtha</td>
<td>Medical Student, Landacre Research Honor Society</td>
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<tr>
<td>Jack Xie</td>
<td>Medical Student, Landacre Research Honor Society</td>
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<tr>
<td>Jerry Cui</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Neil Kapoor</td>
<td>Medical Student, First Year</td>
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<tr>
<td>Max Yano</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Aaren Kettelhut</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Jann Petrosino</td>
<td>Biomedical Sciences Graduate Program (BSGP)</td>
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<tr>
<td>David Allen</td>
<td>Medical Student, Landacre Research Honor Society</td>
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<tr>
<td>Zheng Tan</td>
<td>Medical Scientist Training Program (MSTP)</td>
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<tr>
<td>Mariah Johnson</td>
<td>Biomedical Sciences Graduate Program (BSGP)</td>
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<tr>
<td>Janek Walker</td>
<td>Biomedical Sciences Graduate Program (BSGP)</td>
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<tr>
<td>Victor Chen</td>
<td>Medical Student, Landacre Research Interest Group</td>
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<tr>
<td>William MacDonald</td>
<td>Medical Student, Landacre Research Interest Group</td>
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<tr>
<td>Sienna Wong</td>
<td>Medical Student, Landacre Research Interest Group</td>
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<tr>
<td>Alberta Negri Jimenez</td>
<td>Medical Student, Landacre Research Interest Group</td>
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<tr>
<td>Rohan Shah</td>
<td>Medical Student, Landacre Research Interest Group</td>
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