

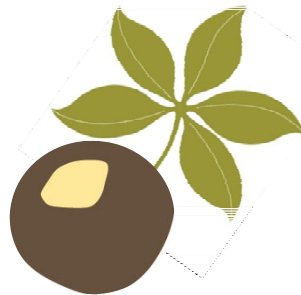


**Trainee
Research Day**

The Ohio State University College of Medicine
The Ohio State University Wexner Medical Center
The Research Institute at Nationwide Children's Hospital

2020 OSU College of Medicine

Trainee Research Day



THE OHIO STATE UNIVERSITY

COLLEGE OF MEDICINE

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

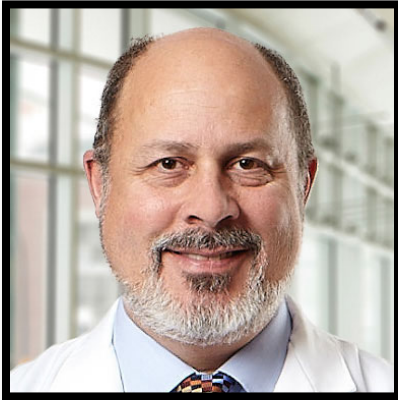
Surgeon-in-Chief, General Pediatric Surgery

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.

Mentor of the Year

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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-e7b92d0f43cacf1a6a4f95ffb32127d6_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-4b2030fec272312082544ef4af798811_Fiona_Brown.pptx

❖ **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://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-7e3d6ad7e1152092ee3c25040b4d4bc3_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://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-878c60226dad50ef94d7a236f29a9f5_Sergio_CorralesGuerrero.pptx

❖ **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://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-8012ae007327dc1d74607b0b7ecb854b_Emma_Crawford_COM_Trance_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://surveygizmoresponseuploads.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://surveygizmoresponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-0e3bde2f6ec26ee3cbdf6096d16d4ae8_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 parsaclisb and romidespin in relapsed/refractory T-cell lymphomas

Advisor: Basem William MD

Department: Internal Meicine

Research Area: Clinical

Research Category: Category 1: Cancer Biology & Clinical Cancer Research

Poster link: http://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-307a4ffb8be0653038d0d34041dd4a6c_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-442f1c2fe0e9a9180d23d7d9bc28ca8a_Sofia_Kolovich.pptx

❖ **Allison LaRocco**, Medical Student

Project Title: Investigating the role of Egfl7 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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-275f02276da08560d3284a25b2d1854b_Dayron_Leyva.pptx

❖ **Michelle Lightfoot**, Resident/Clinical Fellow

Project Title: The identification of exosomal proteins as biomarkers for high-grade serous ovarian cancer

Advisor: Selvendiran Karuppaiyah PhD

Department: Obstetrics/Gynecology

Research Area: Translational

Research Category: Category 1: Cancer Biology & Clinical Cancer Research

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-0bb2fdd619265ecc29ea9b3c0f966ec4_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-37d49bde7220027cfac4656b122009f_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-c44a100980e10683e28f97219446833a_Sean_Maroney.pptx

❖ **Resham Mawalkar**, Undergraduate

Project Title: Lack of breastfeeding as a risk factor for breast cancer: A strategy to address prevention

Advisor: Bhuvanewari 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/191224/5508590/230-6073a19dac61ce53ccad0f856b0ab25c_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/191224/5508590/114-8258380603882545136c19f5c773e859_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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-b8614c6bd960ac39afdb513f93092860_Michael_Ozga_haplo-HCT_presentation.pptx

❖ **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-b024974e4178f0a77dc4ec14437c5f5a_Taylor_Pearl.pptx

❖ **Nikhil Pramod**, Undergraduate

Project Title: HER2 as a target in Invasive Lobular Carcinoma

Advisor: Bhuvanewari 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/191224/5508590/106-2ff5fe4d46068c52f1fec05488ed00a5_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/191224/5508590/102-6ce7bc81ad22c9c38c7505233291c2f3_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/191224/5508590/11-0fd33c7a84ac86931cde38ac4006734c_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/191224/5508590/216-8e0bd7c1d33815b4b2bf64dbe1277477_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-f36444e11bdfefeb95df139feb49c770_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-b47daf1a4fbdebb7551d5f67408d874c_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 Area: Basic
Research Category: Category 1: Cancer Biology & Clinical Cancer Research
Poster link: http://surveygizmoreponseuploads.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 Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoreponseuploads.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 Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoreponseuploads.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 Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-e58af7019eccd3df8f4ad6bcef33cd46_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: Rajendar Deora PhD
Department: Microbial Infection and Immunity
Research Area: Basic
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-a8ddef4a6cc997e05471b31c69de9f5b_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 Area: Translational
Research Category: Category 2: Basic and Applied Research in Inflammation, Infection & Immunology
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-c17b56314b51998e8f8ddba6705a4790_Trainee_Day_Poster.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-638b89de74fe4a0df2e633658925923b_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-f8a0a6b25b98e4bb43fa4569d375ad8f_Kaitlin_Hamilton.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-8f60c88c57cb0575f54b382e985e868c_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-e9d7ff7eba176fdd14095e5aff4f80ad_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/191224/5508590/11-244bd4ec52a92aede20339eb2f0850c6_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

❖ **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

❖ **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

Poster link: http://surveygizmoresponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-577e99bbc115120e266eeb853c4962ea_Nathan_Ryan.pptx

❖ **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

❖ **Divya Shankar**, Undergraduate

Project Title: Inhibition of BET proteins by novel inhibitor, PLX51107, regulates Fc γ 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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-04324668e28cb65ad6c28fba4896989c_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-a610e8ae5d6666ded0df47d000f224dc_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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-6c289eca257d5277768085eb518fe131_Zachary_Wilson.pptx

❖ **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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-a93aa9e8b8ab3ffad7ca5f6d6b52434e_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-66f293b977417a91410ef1fc0b400e65_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/191224/5508590/250-952ba6c22c876ce39ddc699a0884d33f_vijaya_bharti.ppt

❖ **Warren Campbell IV**, Medical Scientist Training Program (MSTP)

Project Title: Retinal midline 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-ac74e7955aa7c746280d83f07c0b2eb0_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-a05210f927e17be083bae60b12448bb7_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 β II 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/191224/5508590/242-66dd81ea6c438718585642b4c39b392c_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 Area: Basic

Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-c71b04db645f05f884cc931eaffd2585_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 Area: Basic

Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-c5676f2fb2f24d929875d7c4db779e85_Kristen_Navarro.pptx

❖ **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 Area: Basic

Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-7380ae90fcc145cd6e51c15f75de6b02_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 Area: Translational

Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/80-8211eccc2eb4b3e3909325e3ae302f2a_Bryce_White_Research_trainee_Day_poster_%281%29.pptx

❖ **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 Area: Clinical

Research Category: Category 3: Structural, Developmental or Molecular Biology, Genetics, & Therapeutics

Poster link: http://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-5538c79d07382cdc82afd995321ce0ef_Barbara_Barash.pptx

❖ **Tyler Beaugard**, 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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-705a3cc27d014d67274fc2f697b7d84d_Tyler_Beaugard.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-f5980b4dd47273eed1f23afeb2b4cd8_Belle_BenazeaFontem.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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/191224/5508590/114-2d3049837633b1c5e5f4379f569bafc2_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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-912f73583a340deab2af24d46fd4ed47_Carolina_Brea.pptx

❖ **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 Venovenous 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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-dab436dc94bf8dfe2a9f1cc3c9c347a_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-8c1d14b69aab5f642835b33d6d01545c_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/108-2f310b0915fcb87703d4341c667714be_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-60976ea5a8affcfb4f7fc2e7d859e5e_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-a68a794b8292758c8ed386cd1b136853_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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-eb697f20d6cc9a7f64ea47840c097265_Shijie_Qu.pptx

❖ **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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-a4acf9c6ed47edafbb7af0b7d371ba64_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
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/90-420af68979eed5413b2e6a1ac3e54db9_Ashlee_Senay.pptx
- ❖ **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://surveygizmoreponseuploads.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
Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/194-a75bd6a98241238624a1c9c2cb9b91a5_Kyle_Spencer.pptx
- ❖ **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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/102-263bc1291115da5597471d3dd7e8e2b4_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/191224/5508590/250-30de7ba8c99bb66d11b0bfd70d8b5b3_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/191224/5508590/114-253e8ebf8366391dd5771ffb94903fc3_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-3574ab95a30d235f2fe2e9085bd99291_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/42-e94c491fdb458a46aa4ef386fb60bd8_Ann_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-79e76a1a20943389e9dc23fe61b5928d_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-696cfd2d668bc8205c1a6f8cefc4bd_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-49306e199451683e2d4c6abb9eeac406_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-401e90ceb4b6655296f823f5d9c1e49f_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-1b02dde3d9e83910e349b0380a5b4773_Janell_Pisegna.pptx

❖ **Nikou Pishvaresfahani**, 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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/195-83248be838a4ca3bdbf2a45b605cb8b6_Pishvaresfahani_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/233-161e236eace3d0780af8a26b615e9af3_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-65bb22b32bd4fc33616835fa59e18949_Srikanth_Vedachalam.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-3d4229746b48a4003fa73fd58d542351_Jack_Xie.pptx

❖ **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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-c2a2aed1f9c4f18c0e99dfc261b255de_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-cd9762f2da6567268a65d768ce9aa0e1_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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-412be26a9bf7bda6d91c9a1c46b3e112_Parker_Cavendish.pptx

❖ **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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-3896becf343bc8ecca23d248022906dc_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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/57-722da160ceaaa53ed023845c07961b5b_Bhageerathi_Ganesan.pptx

❖ **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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-9a3dce646b3e36542a21b3e5b32c8bac_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/127-0c5f388c1d492ff258c05203bf7b0575_Umang_Khandpur.pptx

❖ **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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-7c43fc5ef9129cea1fac0cce2ebdb8cb_POSTER.pptx

❖ **Jonathan Morena**, Resident/Clinical Fellow

Project Title: Ehrlichia Meningoencephalitis: A Case Series

Advisor: Dilip Singh MD

Department: Neurology

Research Area: Clinical

Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders

Poster link: http://surveygizmoreponseuploads.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 Area: Translational

Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders

Poster link: http://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/230-8f50b489499dfb5332a34f16fbd889ba_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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.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 Area: Translational

Research Category: Category 6: Neuroscience and Neurologic, Psychological, & Musculoskeletal Disorders

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-15785074ccef649a72ad37c42ee3db36_MEGAN_PINO.pptx

❖ **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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-f7be410af00dc3bafea88e40438754d9_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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-ed19c46beb5bf20a93e5908b5b5adc8c_RC_Study_Poster_OSUWMC_Trainee_Day.pptx

❖ **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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/162-aa034f5bfca4202dcbe4437757472db1_Luke_Smith.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/47-0c6461d43bcb93f49aa972b72f861a95_Samantha_Walkin.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-0811f225a81c068ad9b90866021a035e_Edward_Woods.pptx

❖ **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://surveygizmoreponseuploads.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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/106-abc7ffb7ffb6606a9ae49171fdd6c26a_Kylie_Zane.pptx

❖ **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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-999cc0c701f7e78f40bbe296a31ac673_Esthela_Artiga.pptx

❖ **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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-8f06b52249c4b956add3cb616e658276_Sarah_Beach.pptx

❖ **Aneel Bhagwani**, Pulmonary and Critical Care and Sleep Medicine

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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-c595dc21495ace4375fa77dc2827bb57_Research_day_poster_aneel_bhagwani.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/169-72b44ba15a4d4cd6ccb6eb0c84c7d797_Kevin_Blum.pptx

❖ **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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-1e04cf2803ffb43a9f27b3659c52cc10_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-053716ff203fd46e69675e63426aa160_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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/55-b54aefafe35dcd7db5967b1cb7747db2_Michael_Durda.pptx

❖ **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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/250-195c824756c9e31183396cda76daf24b_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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-245dfcc0a52585685305e5cfb4ac8fa7_%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/191224/5508590/194-8aa2436023a29fdccd92e5d7f98b2e00_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/191224/5508590/233-5cdc53227a2bc33fc34ee3cef7840c7a_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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/144-26c5e345468fbcc766d007fdaba29aa5_Megan_Mansour.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/241-e67cbd200803bfc832d029ad9405bc1c_Yuichi_Matsuzaki.pptx

❖ **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://surveygizmoreponseuploads.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://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/40-a63afe74b0fbd6204622ee66563108c6_Shane_Scott.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-83e08acfc6c7f7effb54bef151ed6102_Zhenghong_tan.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/242-6b74c87d29a99de7a4a97fa23a488ba8_Poster_WMC_Research_trainee_day2020.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/167-6893f60fcd4ca35209a6d1eddfda93c1_Audrey_White.pptx

❖ **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

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/114-158cb049972e0b6d39cb43831617b74b_Joshua_Zent.pptx

❖ **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:

Department:

Research Area:

Research Category:

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/11-e1921980d192cc1e72677e5afc8a0a12_Noah_McGreal_Matthew_Murtha.pptx

❖ **Charissa Newkirk**,

Project Title: The Role of Peer-Led Educational Mentorship Sessions for USMLE Board Preparation

Advisor:

Department:

Research Area:

Research Category:

Poster link: http://surveygizmoreponseuploads.s3.amazonaws.com/fileuploads/191224/5508590/207-f8f01f6e7a10a2915c66a967d8e602de_Charissa_Newkirk.pptx

2020 Student Organizing Committee

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