

## TL1 Alumni

### 2022

**Carter Allen** - PhD

College of Graduate Studies

Mentor: Dongjun Chung, PhD

Research Project: Investigation of systemic sclerosis pathways using a novel data integration approach and the stochastic block model

Graduated: 2022

Current Position: Research Scientist, Eli Lilly and Company

**Daniel Baer** - PhD

College of Graduate Studies

Mentor: Andrew Lawson, PhD

Research Project: Mild Cognitive Impairment and Alzheimer's Disease: Progression in Brain Function and Etiological Links

Graduated: 2022

Current Position: Research Fellow at University of Pennsylvania

**Mary C. Bridges** - PhD

College of Graduate Studies

Mentor: Antonis Kourtidis, PhD

Research Project: The Adherens Junctions Suppress Pro-Tumorigenic Colon Cell Transformation Via Long Non-Coding RNAs

Graduated: 2022

Current Position: Medical Science Liaison, Natera, Inc.

**John Delgaizo** - PhD

College of Graduate Studies

Mentor: Alexander Alekseyenko, PhD

Research Project: Preventing Surgical Errors before They Occur, Steps Toward an Automated Alert System

Graduated: 2022

Current Position: AI Researcher Biomedical Data Science and Informatics, Medical University Of South Carolina

**Stephanie Jones** - PhD

College of Graduate Studies

Mentor: Linda Kelemen, PhD

Research Project: Understanding Nicotine Dependence and Smoking Cessation Failure: the Role of Genetic Variation

Graduated: 2022

Current Position: Assistant Professor Public Health, Baylor University

**Danira Medunjanin** - PhD

College of Graduate Studies

Mentor: Kelly Hunt, PhD

Research Project: Survival and Healthcare Patterns of Elderly Veterans with Advanced CKD

Graduated: 2022

Current Position: Statistician, Ralph H Johnson VA Medical Center

**Corey Morrow** - PhD

College of Health Professions

Mentor: Kit Simpson, PhD

Research Project: Translate emerging upper extremity rehab technology from clinical trials to rehabilitation therapy practice

Graduated: 2022  
Current Position: Assistant Professor, Whitworth University

**Johnathan Turner** - MSTP

College of Graduate Studies  
Mentor: Christopher Davies, PhD  
Research Project: Design of Novel Penicillin Binding Protein 2 (PBP2) Inhibitors as Drug Candidates for Penicillin- and Cephalosporin-Resistant *Neisseria gonorrhoeae*  
Graduated: 2022  
Current Position: Resident, Internal Medicine, Massachusetts General Hospital

**2021**

**John Barrows** - PhD

College of Graduate Studies  
Mentor: David Long PhD  
Research Project: Personalized Therapy for BRCA 1-mutant Tumors  
Graduated: 2021  
Current Position: Post-Doctoral, Kennesaw State University

**Charles Reese III** - PhD

College of Graduate Studies  
Mentor: Stanley Hoffman PhD  
Research Project: Monocyte/Fibrocyte Lineage in Fibrotic Disease: Universal and Tissue-Specific Features  
Graduated: 2021  
Current Position: Post-Doctoral Scholar at MUSC

**Amanda Vatinno** - PhD

College of Health Professions  
Mentor: Na Jin Seo PhD  
Research Project: Prognostic Utility of EEG in Post-Stroke Upper Extremity Motor Recovery  
Graduated: 2021  
Current Position: Medical Device Regulatory Writer, Global Regulatory Writing and Consulting

**2020**

**David Bastian** - PhD

College of Graduate Studies  
Mentor: Xue-Zhong MD  
Research Project: Targeting JAK2 to Control T-Cell Alloreactivity and Graft-versus-Host Disease  
Graduated: 2020  
Current Position: Post-Doctoral

**Alyson Black** - PhD

College of Graduate Studies  
Mentor: Anand Mehta PhD  
Research Project: High-Throughput Glycoprotein Biomarker Discovery by MALDI Mass Spectrometry Imaging of Antibody Arrays for Serum Biomarkers of Hepatocellular Carcinoma  
Graduated: 2020  
Current Position: Application Scientist, HTX Imaging Technologies

**Ravyn Duncan** - PhD

College of Graduate Studies  
Mentor: Nathan Dolloff PhD  
Research Project: Enhancing Anti-myeloma T Cell Activity by Inhibiting FOXP3 Function  
Graduated: 2020

Current Position: Diagnostic Research with Molecular Pathology Laboratory Network

**David Hartmann** – MD/PhD

College of Graduate Studies

Mentor: Andy Shih PhD

Research Project: A Potential New Role for Pericytes in Functional Hyperemia

Graduated: 2020

Current Position: Resident Neurology, Stanford University

**Xinh-Xinh Nguyen** – PhD

College of Graduate Studies

Mentor: Carol Feghali-Bostwick PhD

Research Project: The Role of Lysyl Oxidase in Systemic Sclerosis

Graduated: 2020

Current Position: Post-Doctoral Scholar at MUSC

**Steven Schutt** – PhD

College of Graduate Studies

Mentor: Xue-Zhong Yu MD

Research Project: Identifying the Role and Immunobiological Mechanisms of Fli-1 Mediated Pathogenicity in Chronic Graft-versus-Host Disease

Graduated: 2020

Current Position: Post-Doctoral Fellow National Cancer Institute

**2019**

**Raymond Boaz** – PhD

College of Graduate Studies

Mentor: Andrew Lawson PhD

Research Project: Multivariate Air Pollutant Exposure Prediction and Characterization

Graduated: 2019

Current Position: Data Scientist, eSite Analytics

**Myroslawa Happe** – PhD

College of Graduate Studies

Mentor: Maria Ann Westerink MD

Research Project: Age-related Changes in B-cells Impact Immune Responses to Pneumococcal Vaccination in Aging HIV+ Individuals

Graduated: 2019

Current Position: Scientific Advisor, NIH

**Daniel Herr** – MD/PhD

College of Graduate Studies

Mentor: Donald Menick PhD

Research Project: Elucidating the Effects of Class I and IIa HDACs on GATA4 Regulation in Heart Failure

Graduated: 2019

Current Position: Resident, Internal Medicine, University of Michigan

**Serena-Kaye Kinley-Cooper** – PhD

College of Graduate Studies

Mentor: Deanna Adkins PhD

Research Project: Enhancing Motor Recovery Following MCAo in Aged Rats

Graduated: 2019

Current Position: Postdoctoral Fellow, Neurology, MUSC

**Daniel Lench** – PhD

College of Graduate Studies

Mentor: Colleen Hanlon PhD  
Research Project: Interaction of Depression and Sensorimotor Function: A Study Comparing Healthy Individuals and Chronic Stroke Patients  
Graduated: 2019  
Current Position: Postdoctoral Fellow, University of Minnesota

**Brian Riesenber**g - PhD  
College of Graduate Studies  
Mentor: Yi Yang PhD  
Research Project: Role of Platelets in Dampening Antitumor Immunity  
Graduated: 2019  
Current Position: Postdoctoral Fellow, Cancer Immunology, Ohio State University

**Halley Rycenga** - PhD  
College of Graduation Studies  
Mentor: David Long PhD  
Research Project: The Role of p97 in DNA Crosslink Repair  
Graduated: 2019  
Current Position: Medical Science Liaison, Terumo BCT Biotechnologies LLC

**Danielle Stevens** - PhD  
College of Graduate Studies  
Mentor: Kelly Hunt PhD  
Research Project: Prenatal and Early Life Exposures and Subsequent Cardiometabolic Risk  
Graduated: 2019  
Current Position: Postdoctoral Fellow, National Institute of Child Health and Human Development, NIH

**Erik Strungs** - MD/PhD  
College of Graduate Studies  
Mentor: Louis Luttrell MD/PhD  
Research Project: Monitoring arrestin-mediated signaling with intramolecular BRET probes  
Graduated: 2019  
Current Position: Resident, General Surgery, University of Wisconsin-Madison

**Caroline Vrana-Diaz** - PhD  
College of Graduate Studies  
Mentor: Jeffrey Korte PhD  
Research Project: Gender Equity and HIV Self-testing in Kenya and Uganda  
Graduated: 2019  
Current Position: Research Project Coordinator, Prader-Willi Foundation

**Carly Williams** - PhD  
College of Graduate Studies  
Mentor: Elizabeth Yeh PhD  
Research Project: The Regulation of c-Casitas B-Lineage Lymphoma (c-Cbl) by Hormonally Up-regulated Neu-associated Kinase (HUNK) in Epidermal Growth Factor Receptor (EGFR) Degradation in Triple-Negative Breast Cancer (TNBC)  
Graduated: 2019  
Current Position: Postdoctoral Scholar, University of Alabama Birmingham

## 2018

**Danielle Desjardins** - MD/PhD  
College of Graduate Studies  
Mentor: Zsolt Ablonczy PhD

Research Project: Mitochondrial Dysfunction in Degenerative Pathologies  
Graduated: 2018  
Current Position: Resident, Dept of Anesthesiology and Perioperative Medicine, Oregon Health & Science University

**Carolina Fugle** - MD/PhD  
College of Graduate Studies  
Mentor: Zihai Li MD/PhD  
Research Project: The Role of TGFB in B-Cell Biology and Autoimmunity  
Graduated: 2018  
Current Position: Freelance Scientific Writer

**George Glenn** - MD/PhD  
College of Graduate Studies  
Mentor: Jens Jensen PhD  
Research Project: Assessment of Ischemic Stroke with Advanced Diffusion Magnetic Resonance Imaging  
Graduated: 2018  
Current Position: Resident Radiology, Emory University

**Jennifer Hunnicutt** - PhD  
College of Health Professions  
Mentor: Chris Gregory PhD  
Research Project: Central and Peripheral Neuromuscular Adaptations as Indicators of Functional Recovery Following Anterior Cruciate Ligament Reconstruction  
Graduated: 2018  
Current Position: Post-doctoral scholar, Dept of Orthopedics, Emory University

## 2017

**Kelly Anderson** - PhD  
College of Health Professions  
Mentor: Michelle Woodbury PhD  
Research Project: Optimizing Post-Stroke Motor Learning Treatment Conditions  
Graduated: 2017  
Current Position: Assistant Professor, Dept of Occupational Therapy, Eastern Carolina University

**Casey Holmes** - MD  
College of Medicine  
Mentor: Steven Rosenzweig PhD  
Research Project: Neuroprotective Role of Melatonin Receptors in Spinal Cord Injury  
Graduated: 2017  
Current Position: Resident, Dept of Family Medicine, Self-Regional Healthcare

**Craig Kutz** - MD/PhD  
College of Graduate Studies  
Mentor: Patrick Woster PhD  
Research Project: Targeting Epigenetic Enzymes as Potential Therapeutics in Cardiac Ischemia-Reperfusion Injury  
Graduated: 2017  
Current Position: Resident, Dept of Emergency Medicine, Univ of California San Diego

**Jennifer Scott** - MD/PhD  
College of Graduate Studies  
Mentor: Gary Gilkeson PhD  
Research Project: Estrogen Receptor Alpha Modulation of Type I Interferon Production in Plasmacytoid Dendritic Cells Derived from Lupus Patients

Graduated: 2017  
Current Position: Resident, Dermatology, MedStar Health

**Jamie Speiser** - MD

College of Graduate Studies  
Mentor: Valerie Durkalski-Mauldin MD  
Research Project: Random Forest Prognosis Model for Repeatedly Measured Binary Patient Outcomes  
Graduated: 2017  
Current Position: Assistant Professor, Dept of Biostatistical Sciences, Wake Forest Univ Health Sciences; KL2 Scholar

**2016**

**Victor Fresco** - PhD

College of Health Professions  
Mentor: William Argraves PhD  
Research Project: Fibulin-1 Dysregulation of Fgf8 Signaling in DiGeorge Syndrome  
Graduated: 2016

**Anthony Leonard** - MD/PhD

College of Graduate Studies  
Mentor: Craig Beeson PhD  
Research Project: Mitochondrial Protective Mechanisms in the Neurodegenerative Process of Retinitis Pigmentosa  
Graduated: 2016  
Current Position: Fellowship in Oculoplastic Surgery, Dept of Ophthalmology, Washington University School of Medicine

**2015**

**Joseph Alge** - MD/PhD

College of Graduate Studies  
Mentor: John Arthur MD/PhD  
Research Project: Discovery of Graft-Versus-Host Disease Biomarkers by Proteomic Analysis of Plasma Exomes  
Graduated: 2015  
Current Position: Fellow, Pediatric Nephrology, Baylor College of Medicine

**Maria Dipiro** - PhD

College of Health Professions  
Mentor: James Krause PhD  
Research Project: Aerobic Exercise to Treat Depression Following Incomplete SCI  
Graduated: 2015  
Current Position: Post-doctoral scholar, Dept of Rehabilitation Research in Neurological Conditions, MUSC

**Jordan Gruber** - PhD

College of Graduate Studies  
Mentor: Yong-Mei Zhang PhD  
Research Project: The Role of Dihydroxyquinoline (DHQ) in Pseudomonas Aeruginosa Pathogenicity  
Graduated: 2015  
Current Position: Microbial Business Manager, DuPont

**2014**

**Kendra Garand** - PhD

College of Health Professions  
Mentor: Bonnie Martin-Harris PhD  
Research Project: Quantifying Normal Swallow Physiology Across the Adult Lifespan  
Graduated: 2014

Current Position: Assistant Professor, Dept of Speech Pathology & Audiology, Univ of South Alabama

**Katlyn McGrattan** - PhD

College of Health Professions

Mentor: Bonnie Martin-Harris PhD

Research Project: Validation of a Noninvasive Assessment Method for Feeding and Swallowing Impairment in Infants with Cardiac Conditions

Graduated: 2014

Current Position: Assistant Professor, Speech-Language-Hearing Sciences, University of Minnesota

**Kristin Midgett** - PhD

College of Health Professions

Mentor: Diane Kamen MD

Research Project: The Effects of PFOS (Perfluorooctane sulfonic acid) on the Immune System and its Possible Role in Triggering Systemic Lupus Erythematosus (SLE)

Graduated: 2014

Current Position: Interior Designer

**Lee Wheless** - MD/PhD

College of Graduate Studies

Mentor: Anthony Alberg PhD

Graduated: 2014

Current Position: Instructor, Dept of Dermatology, Vanderbilt

**2013**

**Melissa Allen** - MD

College of Medicine

Mentor: Kevin Delaney MD

Graduated: 2013

Current Position: Assistant Professor, Children's Hospital of Georgia, Augusta University

**Sarah Logan** - PhD

College of Graduate Studies

Mentor: Joyce Nicholas PhD

Research Project: Psychotropic Therapy for Children with Autism Spectrum Disorders

Graduated: 2013

Current Position: Post-Doctoral Scholar, Dept of Public Health Sciences, MUSC

**Jordan Magarik** - MD

College of Medicine

Mentor: Daniel Lackland PhD

Graduated: 2013

Current Position: Clinician, Neurosurgery, Mercy Clinic

**2012**

**Andrea Boan** - PhD

College of Graduate Studies

Mentor: Daniel Lackland PhD

Graduated: 2012

Current Position: Assistant Professor, Dept of Pediatrics, College of Medicine, MUSC

**Guillermo De Angulo** - MD

College of Medicine

Mentor: Robert Adams MD

Graduated: 2012

Current Position: Clinical Instructor, Dept of Pediatrics, Weill-Cornell

## 2011

### **Clayton Ellis** - MD

College of Medicine

Mentor: Nester Esnaola MD

Research Project: Effect of Seat Belt Use and Impact of Mandatory Seat Belts Laws on Motor Vehicle-Related Health and Economic Outcomes

Graduated: 2011

Current Position: Fellow, Dept of Colorectal Surgery, University of Massachusetts Medical School

### **Charles Hatcher** - MD

College of Medicine

Mentor: Michelle Macias MD

Graduated: 2011

Current Position: Pediatrician, Greenville SC

### **Brandi Stevens** - MD

College of Medicine

Mentor: Diane Kamen MD

Research Project: Determining the Role of PBDEs and PFAAs as Environmental Triggers of Autoimmunity in Genetically at-risk Individuals

Graduated: 2011

Current Position: Assistant Professor, Pediatric Rheumatology, Riley Hospital for Children

### **Jason Wheeler** - MD

College of Medicine

Mentor: Carolyn Reed MD

Research Project: Chemotherapy Sensitivity of Esophageal Adenocarcinoma

Graduated: 2011

Current Position: Resident, Internal Medicine, Cleveland Clinic (Cleveland OH)