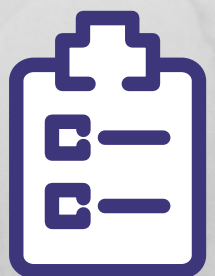
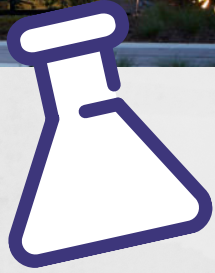




LOYOLA INTERNAL MEDICINE 2021-22

# RESIDENT RESEARCH

- **Over half of our residents** get involved in clinical research or quality improvement projects at Loyola University Medical Center or the Edward Hines, Jr. VA Hospital.
- The Department of Medicine has **over 360 active IRBs** led by **70+ attendings** in various subspecialties including allergy, pulmonology and critical care, cardiology, gastroenterology, nephrology, hematology/oncology, rheumatology, and more!





## Academic Research Curriculum

- 3-year longitudinal curriculum for all residents.
- Activities include **writing workshops** and detailed **reviews of scientific articles** focusing on research methods, study design, biostatistics, interpretation of data, and critical analysis.
- Led by dedicated faculty members and divided into small groups for focused content.

## Research Elective

- Two tiers of dedicated research time:
  - **Research Associate:** maximum of 3 weeks per senior year of residency.
  - **Research Scholar:** maximum of 6 weeks per senior year of residency, with poster presentation at a local/national conference.
- Poster presentation at **Loyola Resident Research & Quality Improvement Day**.

## Research Resources

- **Clinical Research Database:** data repository with over 13 million patient encounters to query.
- **Clinical Research Office** provides infrastructure services, including statistician services, help with IRB submission, and grant writing.
- **Research Chief Resident:** provides research oversight and support.
- **Other resources include:** The Health Sciences Library, The Center for Translational Research and Education, REDCap, RefWorks, and Mendeley reference manager software.

...And much more!

# RESEARCH SCHOLARS

## 2021-2022

**Lauren Bloomberg, MD** – PGY-2 (Mentor: Dr. Jonah Rubin | Hepatology)  
*Transitions in Clinical Practice to Telehealth Models During COVID-19: Outcomes in Patients with Chronic Liver Disease.*

**Sovik DeSikar, MD** – PGY-3 (Mentor: Dr. Amir Darki | Cardiology)  
*Novel Echocardiogram Predictors of Mortality in Acute Pulmonary Embolism.*

**Austin Fan, MD** – PGY-3 (Mentors: Drs. Nina Clark | Infectious Disease)  
*Retrospective Case-Control Study of 5-Day Course of Remdesivir Versus Shortened Remdesivir Course and Clinical Outcomes.*

**Deneyal Syed, MD** – PGY-3 (Mentor: Dr. John Lopez | Cardiology)  
*A Novel Automated and Comprehensive Method to Assess Cardiac Allograft Vasculopathy After Heart Transplantation.*

**Matthew Thomas, DO** – PGY-3 (Mentor: Dr. Mark Rabbat | Cardiology)  
*The Utility of Strain Cardiac Magnetic Resonance Imaging, Right Ventricular Dyssynchrony Measurements, and Late Gadolinium Enhancement.*

**Phillip Zhang, MD** – PGY-2 (Mentor: Dr. Steven Scaglione | Hepatology)  
*PHQ-9 and Associations with Alcohol Relapse and Other Liver Transplant Outcomes in Patients with Alcohol-Associated Liver Disease.*



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# RESEARCH ASSOCIATES

## 2021-2022

**Ahmed Aleem, MD** – PGY-3 (Mentor: Dr. Stephanie Berg | Hematology/Oncology)  
*Epidemiology and Risk Factors for Invasive Fungal Infections for Acute Leukemia: A Retrospective Cohort Study.*

**Alissa Chandler, MD** – PGY-3 (Mentor: Dr. Varun Bhalla | Rheumatology)  
*Lupus Outcomes in Two Distinct Socioeconomic Groups Seen by University Rheumatologists.*

**Corrin Hepburn, MD** – PGY-2 (Mentor: Dr. Jonah Rubin | Hepatology)  
*Technology Literacy and Telehealth Patient Satisfaction in Patients with Liver Disease.*

**Eliza Lewine, MD** – PGY-3 (Mentor: Dr. Steven Hendler | Gastroenterology)  
*Yield of Endoscopy for Chronic Abdominal Pain.*

**Mashaal Ikram, MD** – PGY-3 (Mentor: Dr. Dennis Yu | Cardiology)  
*What's on Your Plate, COVID-19 and Diet.*

**Robin David, MD** – PGY-2 (Mentor: Dr. Ayokunle Abegunde | Gastroenterology)  
*Yield of Positive FOBT in the Inpatient Setting.*

**Timothy O'Connor, MD** – PGY-2 (Mentor: Dr. Daniel Dilling | Pulmonary & Critical Care)  
*Telomere Biology Disorder Prevalence and Phenotypes in Adults with Interstitial Lung Disease.*

**Connor Young, MD** – PGY-3 (Mentor: Dr. Menhel Kinno | Cardiology)  
*Non-Invasive Coronary CT in Predicting Surgical Candidates for ByPass Grafting.*



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