

**Martha L. Lepow, M.D.,  
Irwin H. Lepow, M.D., PhD.  
Medical Student Research Day**

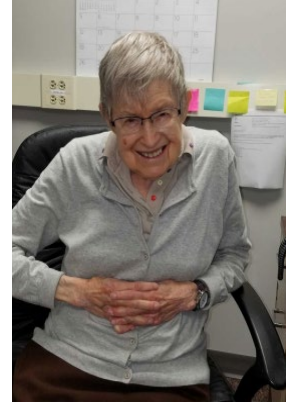
**February 4, 2021**

**Case Western Reserve University School of Medicine  
& The Cleveland Clinic Lerner College of Medicine**

**2021**

## Martha L. Lepow, M.D.

Dr. Martha Lipson Lepow was born in Cleveland, Ohio, graduated from Heights High School and then enrolled at Oberlin College, majoring in chemistry. She entered Western Reserve Medical School in the class of 1952 and was one of the 7 women in a class of 84. During her fourth year, she served as Acting Intern at Babies and Children's hospital in Cleveland, where she cared for children with Leukemia, Cystic Fibrosis and Nephrosis. She also saw how penicillin, recently licensed, could cure pneumonia and then decided on a Pediatric residency. In 1953, she was transferred to Cleveland's City Hospital (now MetroHealth Medical Center) Infectious Disease's Service and Pediatrics where Dr. Frederick Robbins was Chair and Dr. Robert Eiben supervised the poliomyelitis unit. Dr. Robbins invited her to work in the virus laboratory, where studies on sera from vaccines were being tested. In 1957, a fourth year medical student, Irwin H. Lepow, Ph.D. came to this virus laboratory to learn to grow cells in culture. He and Martha were married 2 months later. Martha later became a faculty member, teaching, caring for patients and working on testing the Sabin, Rubeola and the Rubella vaccines.



In 1967, Irwin and Martha were recruited to the new university of Connecticut Medical School. She started the Department of Pediatrics and the division of Pediatric Infectious Diseases. She and her husband then moved to Albany, New York in 1978, where she was Professor of Pediatrics at Albany Medical College. She was Vice-Chair and Head of the Division Pediatric Infectious Disease and became Chair from 1993-1997. She is currently an Emeritus professor.

Martha has served on the board membership in a large community health center in Albany and has been a medical adviser to several other community non-profit agencies and the Capital District Physicians Health Plan. Nationally, she has served as an editor of the Red Book, a manual of infectious diseases and vaccines for pediatricians, which is also a publication of the Pediatric Infectious Diseases of the American Academy of Pediatrics. In addition, Dr. Lepow was a grant reviewer for the NIH and March of Dimes. Finally, she has won numerous teaching awards and national awards for Pediatric Education from the AAP and an Honorary Degree from Oberlin College. She has over published over 100 research articles and book chapters.

## Irwin H. Lepow, M.D., Ph.D.

Irwin H. Lepow received his Ph.D. from Western Reserve University in 1951, for complement research done in Louis Pillemer's laboratory in the Institute of Pathology. He later received his M.D. from Western Reserve in 1958. Between 1951 and 1967, he served on the School of Medicine's faculty, and during that time he extended the medical school's reputation for complement research that was established by his predecessors. In 1967, he accepted the Chair of Pathology at the then new medical school of the University of Connecticut and subsequently became Chair of Medicine. Before his death in 1984, he was Vice President for Research at the Sterling Drug Company, Rensselaer, New York, and President of its Sterling-Winthrop Research Institute.



Dr. Lepow's major research contributions included the purification and characterization of the C1qrs complex of complement and the demonstration of its enzymatic nature. He also discovered, purified and characterized the natural serum inhibitor of C1 esterase, whose deficiency underlies the disease, hereditary angioedema. Another major research contribution was showing that complement components play a significant role as mediators of the inflammatory reaction through their ability to enhance vascular permeability. Dr. Lepow was a prominent figure in the field of immunology throughout his career, based not only on his fundamental contributions to complement research but also on his personal character and leadership abilities. His stature is exemplified by his election as President of the American Association of Immunologists in 1979.

## **Dear Students, Faculty, Staff and Guests:**

Welcome to the Martha L. Lepow, M.D. and Irwin H. Lepow, M.D., Ph.D., Research Day, 2020-21! Due to issues occurring in these trying times, this year's Lepow Day will be a virtual (Zoom) half day meeting, beginning with our plenary lecture by Lia S. Logio, M.D., our Vice Dean for Medical Education at CWRU. Her talk is entitled, "Variation and Value in Medicine". Following the Lepow lecture, there will be student Oral presentations from 2:15-4:30pm. The winners of the poster/recorded presentations will close the event.

The Case Western Reserve School of Medicine and the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University are grateful to the family, friends and colleagues of Drs. Martha L. and Irwin H. Lepow, who, by contributing so generously to the Lepow Endowment Fund, have made this Medical Student Research Day and its distinguished Lepow Lecture possible.

In order for this day to become possible, a number of faculty and staff members have played significant roles. The Lepow Day Committee consists of Drs. Derek Abbott, Jill Azok, Colleen Croninger, Neil Greenspan, Robert Haynie, Alan Hull, Charles Joiner, Thomas Kelley, James Lieberman, Charles Malemud, Donald Mann, Neil Mehta, Todd Otteson, Steven Ricanati and Charles Smith. They have worked on the program over the past year, formulated the current program and judged all the abstracts for the selection of the sixteen oral presentations, the highest honor for students submitting an abstract.

The following faculty members have generously donated their time to serve as Poster judges: Drs. Sarah Augustine, Jill Azok, Robert Bahler, Barbara Bates-Greenwalt, William Bemish, Tracey Bonfield, Robert Bonomo, Christina Cheng, Colleen Croninger, Shyamasree Datta, Salil Deo, David Friel, Jonatha Gott, Douglas Gunzler, Rosa Hand, Corrielyn Hileman, Charles Joiner, Amanda Lansell, James Lieberman, Raymond Liu, Agnes Loeffler, Thomas Love, Charles Malemud, Kimberly McBennett, Thomas McCormick, Adam Perzynski, John Pink, Ronald Posner, James Quilty, Bradford Richmond, Mary Ann Richmond, Arne Rietsch, Catherine Rogers, Anastasia Rowland-Seymour and Kingman Strohl. We thank these faculty members for their time and help in selecting the best poster/recorded presentations for awards.

Finally, staff member, Ms. Sharon Callahan, has been enormously helpful with regard to all administrative aspects of the Lepow Day program and her assistance is sincerely appreciated.

It is important to recognize that both Drs. Martha and Irwin Lepow have been committed to the education of medical students and developing a cadre of physician scientists. For this reason, we have this important day at Case Western Reserve University for presentations and discussions of science/medicine by distinguished faculty and importantly, our student scholars and future physician scientists. Hopefully, we can do this meeting in person, in the future.

Sincerely,  
Nicholas P. Ziats, Ph.D.  
Chair, Lepow Day 2020-21

## Schedule of Events

**MARTHA L. LEPOW, M.D., & IRWIN H. LEPOW, M.D., PhD.  
MEDICAL STUDENT RESEARCH DAY  
February 4, 2021**

**1:00 pm – 1:05 pm, Nicholas P. Ziats, Ph.D., Lepow Day Chair**

**1:05 pm – 1:10 pm, Remarks by Martha L. Lepow, M.D.**

**1:10 pm – 1:15 pm, Introduction of Speaker, Stan Gerson, M.D.  
Interim Dean, CWRU School of Medicine**

**1:15 pm – 2:00 pm, Keynote Speaker: Lia S. Logio, M.D.  
Vice Dean for Medical Education, CWRU**

**2:00 pm – 2:15 pm, Break**

**2:15 pm – 3:15 pm, Oral Presentations – Part 1**

**3:15 pm – 3:30 pm, Break**

**3:30 pm – 4:25 pm, Oral Presentations – Part 2**

**4:30 pm, Poster Winner Winners Announced and Closing**

**Lia S. Logio, MD, MACP, FRCP**  
**Vice Dean for Medical Education**



**Keynote Lecture**  
***“Variation and Value in Medicine”***

**1:15 PM – 2:00 PM**

Dr. Lia Logio is the inaugural John L. Caughey Jr., M.D. Professor of Medicine who currently serves as the Vice Dean for Medical Education and the Director for the Center of Medical Education. She joined the Case Western Reserve University School of Medicine in July 2020.

Dr. Logio completed her undergraduate and medical degrees at Johns Hopkins University before doing her internal medicine residency at Duke University Medical Center. She joined the faculty at Duke in 1995 and began her journey in medical education as the Program Director for the Primary Care Residency Track in Internal Medicine and the Associate Program Director for the large categorical traditional residency program.

In 2001, she moved to Indiana University in Indianapolis where she went on to become the Program Director and an Assistant Dean for Faculty Development. The IU program was selected as one of only 21 programs in the country to participate in the ACGME Education Innovation Project (EIP). Dr. Logio led the IU team to transform residency education with a

focus on patient-centered care, quality improvement and patient safety, and developing leaders and changes agents.

In 2010, she was recruited to Weill Cornell Medicine at New York Presbyterian Hospital in Manhattan and served as the residency program director and Vice Chair for Education in the Department of Medicine. She additionally served as the director of the Leadership in Academic Medicine Program and an Associate Dean for Faculty Development before being recruited to become Chair of Medicine at Drexel University College of Medicine in Philadelphia, her role just prior to her current position.

Dr. Logio is nationally known for her educational innovations and focus on improving the healthcare delivery system for all patients, particularly the most needy. She will be speaking today about variation and value in healthcare and prompting us to think outside the box about focusing on value, in both medicine and medical education.



**MARTHA L. LEPOW, M.D., & IRWIN H. LEPOW, M.D., PhD.**

### **MEDICAL STUDENT RESEARCH DAY**

**February 4, 2021**

**Full (10 min.) & Rapid Talk (3 min.) Presentations**

Introductory Remarks - Dr. Nicholas P. Ziats, Chair, Lepow Day Committee

#### **Part 1**

- 2:15 pm**      **Do, Michael:** Molecular Docking of an Antihelminthic Drug Into Human Gamma D Crystalline as a Paradigm for the Pharmacologic Prevention of Age-Related Cataract
- 2:25 pm**      **Brown-Korsah, Jessica:** Association of Breast and Colorectal Cancer in Patients with Central Centrifugal Cicatricial Alopecia: A Retrospective, Cross-Sectional Pilot Study
- 2:35 pm**      **Valdez, Rogelio:** Prostate Imaging Reporting and Data System (PI-RADS) Performance in Patients on 5-Alpha Reductase Inhibitors
- 2:45 pm**      **Sharma, Neha:** Non-Covalent Complexing Strategy For or Exogenous Sirna Delivery Using Cell-Penetrating Peptides
- 2:55 pm**      **Obi, Elizabeth:** Incidence of Cutaneous Melanoma Among African Americans
- 3:05 pm**      **Narang, Jatin:** Retrospective Analysis of Dermatology Residency Applicant's Research Quantity and Quality from 2007-2018 (**Rapid Talk/3 min.**)
- 3:08 pm**      **Hom, Grant:** Internet Search Engine Queries of Common Causes of Blindness and Low Vision in the United States (**Rapid Talk/3 min.**)
- 3:11 pm**      **Lopez Rivera, J. Gabriel:** Assessing Medical Student Preparedness for Professionally Addressing Microaggressions in a Clinical Setting (**Rapid Talk/3 min.**)

**Break to 3:30pm**

**MARTHA L. LEPOW, M.D., & IRWIN H. LEPOW, M.D., Ph.D.**

**MEDICAL STUDENT RESEARCH DAY**

**February 4, 2021**

**Full (10 min.) & Rapid Talk (3 min.) Presentations**

**Part 2**

- 3:30 pm**      **Pasady, Selena:** Utility of Salivary Gland Biopsy in Diagnosing Sjogren's Syndrome in a POTS
- 3:40 pm**      **Zhang, Xinrui:** Transcription Factors Pet1 and Lmx1b Regulate Chromatin Dynamics in Maturing Postmitotic Serotonergic Neurons
- 3:50 pm**      **Chen, Lloyd:** Patient Demographics and Services of the Case Western Reserve University Student Run Health Clinic
- 4:00 pm**      **Liu, Jessica:** Mapping Retinal Flavoprotein Fluorescence in Patients with Non-Exudative Age Related Macular Degeneration
- 4:10 pm**      **Pan, Eric:** Shifting Practice in Pediatric Prescription Opioid Use
- 4:20 pm**      **Hii, Jeffrey:** Similar Outcomes Between Native and Periprosthetic Fractures of the Distal Femur (**Rapid Talk/3 min.**)
- 4:23 pm**      **Mulligan, Kathleen:** Sociodemographic Factors Associated with Scabies in the Inpatient Setting (**Rapid Talk/3 min.**)
- 4:26 pm**      **Kimura, Stephen:** Use of Impella 5.0 is Associated with Improved Outcomes in Patients with Cardiogenic Shock: Single Center Experience (**Rapid Talk/3 min.**)
- 4:30 pm**      **Awards for Posters/Recording**

## Poster Presentations

	<b>Presenters Name</b>	<b>Abstract Title</b>
1	<b>Acuna, Alexander</b>	<b>A Work in Progress: National Opioid Prescription Reductions across Orthopaedic Subspecialties in a Contemporary Sample of 4,127,740 Claims.</b>
2	<b>Adhvaryu, Varun</b>	<b>Evaluating Patient and Provider Satisfaction with Telemedicine in Laryngology</b>
3	<b>Adomshick, Victoria</b>	<b>Psychiatric Disorders in the Trauma Patient: Characterizing an Opportunity for Improvement</b>
4	<b>Ahorukomeye, Peter</b>	<b>Title: Assessing the association of hyperglycemia and chemotherapy response in pancreatic cancer</b>
5	<b>Ajani, Kiran</b>	<b>What is it about my controlled drug prescribing?: Reflections from Medical Board-Identified Problem Prescribers</b>
6	<b>Allen, Frederick</b>	<b>In pursuit of individualized assessment of metabolic health: Targeted plasma metabolomic analysis of amino acids, acylcarnitines, and their ratios as biomarkers of metabolic health and unwellness</b>
7	<b>Alsalous, Peter</b>	<b>Consequences of Treatment Lapse In Retinal Vein Occlusion Patients Receiving Anti-Vascular Endothelial Growth Factors Injections.</b>

8	Asirwatham, Jessica	<b>Intraoperative Vasopressor Use in Free Flap Reconstruction Is Safe and Reduces Postoperative Flap Congestion</b>
9	Auriemma, Alyson	<b>An Analysis of Case Western Reserve University School of Medicine Regarding LGBTQ+ Topics</b>
10	Austhof, Ethan	<b>Impact of Prostatic Urethral Lift Device on Prostate MRI image quality.</b>
11		
12	Balaji, Dhikshitha	<b>Fixation and Saccadic Abnormalities in Amblyopic Patients With and Without Nystagmus</b>
13	Bank, Nicholas	<b>The Phylogeny of the rfbA Gene in Parabacteroides Distasonis: Relevance to LPS as a virulence factor</b>
14	Barekatain, Kayvan	<b>Swept-Source Optical Coherence Tomography Angiography Parameters Correlate with Leakage and Ischemic Indices from Ultra-Widefield Fluorescein Angiography in Diabetic Retinopathy</b>
15	Barzallo, Devin	<b>Age of Melanoma Diagnosis in Patients with Limited English Proficiency (LEP)</b>
16	Bheemidi, Abhinav	<b>Examining the Necessity of Day-1 Postoperative Review After Pars Plana Vitrectomy: A Meta-Analysis</b>

17	<b>Boas, Samuel</b>	<b>Divergent Trends of Hip Periprosthetic Fractures: Declining Rates of Revision Arthroplasty</b>
18	<b>Boehm, Blake</b>	<b>Single-site retrospective assessment of surgical outcomes in non-ambulatory patients with degenerative cervical myelopathy</b>
19	<b>Borovik, Alexander</b>	<b>Primary tumor location and genomic expression as predictive factors of survival outcomes in Colorectal liver metastasis (CRLM) patients undergoing Y90 - Single institution retrospective analysis of 45 patients.</b>
20	<b>Boruah, Abhilasha</b>	<b>A Case of Fitz-Hugh Curtis Syndrome in a Male Patient with HIV</b>
21	<b>Brauer, Philip</b>	<b>Readmission Rates Following Major Head and Neck Surgery with Concurrent Tracheostomy</b>
22	<b>Burkhart, Robert (Bobby )</b>	<b>Conservative treatment for minimally displaced (&lt;2 mm) fractures of the lateral humeral condyle in children</b>
23	<b>Butke, Jeffrey</b>	<b>Diagnosis Related Group as a Predictor of Length of Stay, Disposition in Patients Undergoing Anterior Cervical Disectomy and Fusion</b>

24	Cao, Caroline	<b>Secondary Stroke Risk Reduction in African Americans: Current Evidence-based Interventions and their Outcomes</b>
25	Chang, Catherine	<b>The impact of bariatric surgery compared to metformin therapy on pregnancy outcomes in patients with polycystic ovarian syndrome: a systematic review and meta-analysis</b>
26	Chang, Irene	<b>Impact of Comorbidity Burden on Outcomes and Mortality in Implant-Based Breast Reconstruction</b>
27	Chen, Allen	<b>Location of arteriovenous malformations on small bowel endoscopy</b>
28	Chen, Lin (Jerry )	<b>Traffic Stops Do Not Prevent Traffic Deaths</b>
29	Cho, Elizabeth	<b>Preliminary Outcomes of Different Proximal Fixation Modalities within Cephalomedullary Nails in Low Energy Intertrochanteric Fractures</b>
30	Clark, Robert	<b>Does Routine Use of Negative Pressure Wound Therapy and Flap Reconstruction Improve Salvage of Threatened Ventricular Assist Devices: A Systematic META-Analysis of Patient Outcomes</b>
31	Clayton, Deidre	<b>Individual-Level Factors Influencing Food Consumption Behaviors</b>

32	<b>Coffey, Max</b>	<b>Iatrogenic Rib Fractures and the Associated Risks of Mortality</b>
33	<b>Cullison, Christopher (Chris )</b>	<b>Tumor Primary Site Acts as a Prognostic Factor for Disease-specific Mortality in Merkel Cell Carcinoma</b>
34	<b>Darin, Christina</b>	<b>Comparison of Surgical Outcomes Following Total Laparoscopic Hysterectomy (TLH) and Total Vaginal Hysterectomy (TVH) in Large Uteri</b>
35	<b>Daugirdas, Sarunas</b>	<b>Novel Image Grading Scale for Novel Flavoprotein Fluorescence Imaging</b>
36	<b>Davis, Nathaniel</b>	<b>Psychological Stress Induced Colonic Immune Response in SAMP1 Mouse Models</b>
37	<b>Del Greco, Carson</b>	<b>Values in Spine Surgery: An Analysis of the Relationship Between RVUs and Outpatient Spinal Procedure Rates</b>
38	<b>DeMeo, Dustin</b>	<b>Empirical estimation of strain patterns during Mohs micrographic surgery histologic embedding</b>
39	<b>Desai, Ansh</b>	<b>The impact of admission and perioperative hemoglobin levels on large vessel occlusion outcomes: a retrospective study</b>
40	<b>Deverakonda, Divya</b>	<b>Efficacy of Linaclotide for IBS-C in Real-World Studies</b>

41	Dinardo, Perry	<b>Clinical characteristics and treatment outcomes in children and adolescents with avoidant/restrictive food intake disorder (ARFID)</b>
42	Drouet, Domenica	<b>Assessment of Population-appropriate Polygenic Risk Scores for Lipid Traits in African Americans</b>
43	Ducich, Nicole	<b>Pyruvate Dehydrogenase Complex Deficiency: An Updated Carrier Frequency and Mutational Localization Evaluation</b>
44	Edwards, Matthew	<b>Household food insecurity in Chincha, Peru: a pilot study</b>
45	Erickson, Kayley	<b>FAD and EHK Melanocytic Staining Within Dysplastic Nevi</b>
46	Gardner, Rachel	<b>Poor Survival Following Cryopreserved Allograft Use in the Management of Thoracic Aortic Graft Infections</b>
47	Garg, Kiran	<b>Monocular and Binocular Visual Function Deficits in Amblyopic Patients with and without Fusion Maldevelopment Nystagmus</b>
48	Gendi, Steve	<b>Time to Initial Treatment in Pancreatic Adenocarcinoma: Factors Affecting Delay and its Effect on Long Term Outcomes</b>



49	Gerber, Alexandria	<b>K-means clustering can help elucidate vulnerable subpopulations in vaginal and cesarean deliveries in patients at risk for postpartum hemorrhage</b>
50	Gong, Jenny	<b>Hematological Predictors of Long-term Outcomes in Pancreatic Ductal Adenocarcinoma</b>
51	Greene, Brady	<b>Application of Photoacoustic Nanoparticles for Laser Lithotripsy</b>
52	Grits, Daniel	<b>Determining a Threshold of NarxCare Scores &gt;300 as a Predictor for Adverse Outcomes After Primary Total Hip Arthroplasty</b>
53		
54	Gupta, Sohini	<b>Toxicity profiles of combination chemotherapy regimens in pancreatic adenocarcinoma: a systematic review and meta-analysis.</b>
55	Gutierrez, Jorge	<b>Prognostic Factors for Tympanoplasty: A Systematic Review</b>
56	Ha, Megan	<b>Characterizing the Skin and Fecal Microbiome in Solid Organ Transplant Recipients</b>
57	Hennekes, Mary	<b>Barriers to Adverse Event Reporting Among Trainees</b>

58	<b>Hentati, Firas</b>	<b>Patient Satisfaction with Telemedicine in Rhinology during the COVID-19 Pandemic</b>
59	<b>Hinkle, Jane</b>	<b>Utilizing Big Data to Characterize Obstructive Sleep Apnea in Adult and Pediatric Populations</b>
60	<b>Ho, Emily</b>	<b>Fitness Landscape Inference with a Novel Genetic Algorithm</b>
61	<b>Hu, David</b>	<b>Food as Medicine: Combatting Food Insecurity through a Hospital-Based Food Pantry</b>
62	<b>Hu, Lucille</b>	<b>Development of a Clinical Tool to Improve Waitlist Mortality in Patients with Cystic Fibrosis</b>
63	<b>Hurtado, Alexander</b>	<b>Increased expression of epithelial-derived GSDMB in Inflammatory Bowel Disease (IBD) can be modulated by IFNg</b>
64	<b>Jackson, Elizabeth</b>	<b>Trends in Rhinology: Patterns in the Treatment of Sinus Concerns</b>
65		
66	<b>Jin, Alison</b>	<b>Platelet-Rich Plasma for Treatment of Hair Loss</b>
67	<b>Kalra, Mehak</b>	<b>Maternal and Fetal Outcomes in Superobese Pregnancies</b>

68	<b>Kanagasegar, Nithya</b>	<b>Utilization of Cyclodextrin Microparticles in PMMA Bone Cement for Chemotherapeutic Drug Delivery for Osteosarcoma Treatment</b>
69	<b>Kang, Lei</b>	<b>Dual Professionalism: Physician and Soldier</b>
70	<b>Karthik, Naveen</b>	<b>A Readability Comparison of Online Spanish and English Patient Education Materials about Vision Health</b>
71	<b>Katkar, Rahul</b>	<b>Linacotide Safety Profile for IBS-C in Real World Studies</b>
72	<b>Kaufman, Matthew</b>	<b>Assessing the Incidence of Postoperative Dysphagia for Anterior Cervical Discectomy and Fusion</b>
73	<b>Kaur, Navkiranjot</b>	<b>Characterization of Memory Outcome Following Temporal Lobe Resection in Children with Epilepsy</b>
74	<b>Keller, Eleanor</b>	<b>SentiNot - use of a novel tracer in DCIS treatment to avoid unnecessary procedures and associated risks, complications, and costs</b>
75	<b>Kendall, Ellen</b>	<b>Genomic characterization of histiocytic sarcoma transdifferentiated from chronic lymphocytic leukemia</b>

76	Kimble, Blair	<b>Peer-to-peer anatomy teaching between medical students is as effective when performed remotely: lessons learned from the transition to online learning</b>
77	King, Eshan	<b>Fitness Seascapes Predict the Evolutionary Response to Rapid Environmental Change</b>
78	Kuo, Blanche	<b>Impact of EMR Alert on Hydroxychloroquine Dosage Based on Patient Weight</b>
79	Larson, Monica	<b>Lessons Learned from the Antifragility Initiative: Healing Pediatric Victims of Violence</b>
80	Latif, Marina	<b>Developing and adapting a sustainable reading program in the NICU</b>
81	Le, Hao-Tinh (Tinh )	<b>Effects of Buprenorphine Initiation on Patient Outcomes in a Community Emergency Department</b>
82	Lee, Leah	<b>Characterizing The Anatomic Spectrum, Surgical Treatment, And Long-term Clinical Outcomes For 131 Patients With Shone's Syndrome</b>
83	Lemos, Carolina	<b>Personal Perception of COVID-19 and Impact on Childcare Decision-Making</b>

84	Lenhard, Nora	<b>Literature Review of Virtual Global Health Partnerships among Medical and Nursing Trainees</b>
85	Levine, Isaac	<b>Social Media Use by Applicants in the 2021 Interventional Radiology Match Cycle</b>
86	Li, Henry	<b>Elucidating a Silent Illness: Hepatitis B Knowledge in Northeast Ohio</b>
87	Linz, Marguerite	<b>Rescheduling colonoscopies during the COVID19 pandemic</b>
88	Liu, Julia	<b>Centering Pregnancy and racial disparities--a retrospective cohort study comparing the preterm birth rate between middle-income African American women enrolled in group vs traditional prenatal care.</b>
89	Lu, Elaine	<b>Computed Tomography Perfusion and Magnetic Resonance Imaging in Evaluation of Acute Ischemic Stroke</b>
90	Mahajan, Uma	<b>Bilateral deep brain stimulation is the procedure to beat for advanced Parkinson's disease: a meta-analytic cost-effective threshold analysis for focused ultrasound</b>

91	Mally, Alison	<b>Post-marketing Assessment of Finasteride Adverse Events Reported to the FDA from 2003 to 2018 in the Context of Increasing Online Prescribers</b>
92	Markwei, Metabel	<b>Outcomes of Minimally Invasive Management of Tubo-ovarian Abscess: A Systematic Review</b>
93	Mason, Akailah	<b>Mode of delivery at First live birth differs by Race/Ethnicity: Evidence from the National Health and Nutritional Examination Survey</b>
94	Maynard, Marquis	<b>Discrete Linear Transformation of 2D images to 3D images of Aortic Sections</b>
95	Mazahery, Claire	<b>Aged human keratinocytes have protein coding and non-coding RNA signatures indicative of inflammation, proliferative defects, and barrier deficiency</b>
96	Mazmudar, Rishabh	<b>Trends in Volume and Reimbursement of Trainee-Assisted Services in Dermatology: Analysis of Medicare 2010-2018 Claims Data</b>
97	Mcconaghy, Kara	<b>Short-term Mortality After Elective Total Hip Arthroplasty</b>

98	<b>McKenna, Madeline</b>	<b>Prediction of Neonatal Growth Restriction in Fetuses with Gastroschisis by Early Third Trimester Ultrasonography Utilizing Contemporary Birth Weight Percentiles</b>
99	<b>Mercado, Amiel</b>	<b>Referral Trends for ENT Sleep Surgery in Obstructive Sleep Apnea Patients</b>
100	<b>Meyers, Abigail</b>	<b>Outcomes of Carpal Ligament Release in Severe Carpal Tunnel Syndrome: A Systematic Review of 2712 Hands</b>
101	<b>Mhonda, Lorado</b>	<b>Emergency Department Utilization by Patients Living with HIV</b>
102	<b>Momin, Arbaz</b>	<b>Task-related Physiology of the Dentatohalamocortical Circuit in Naïve and Stroke Rats</b>
103	<b>Moncaliano, Maria</b>	<b>Scholarship in Student-Led Diversity-Related Curriculum Development</b>
104	<b>Mulvihill, Lianne</b>	<b>The Quality of Information in YouTube Videos Vs. Websites for Neuromodulator and Soft-Tissue Filler</b>
105	<b>Murali, Sanjana</b>	<b>Identifying risk factors for retinopathy of prematurity</b>
106	<b>Nagy, Matthew</b>	<b>Relationship Between Preventive Dental Visits and Oral Health Status for Children in a Small Peruvian Coastal City</b>

107	Naik, Ilora (Lily )	<b>Treatment of Slipped Capital Femoral Epiphysis With the Modified Dunn Procedure</b>
108	Obiri - Yeboah, Derrick	<b>Postoperative Opioid Use in Craniotomies and Endoscopic Endonasal Surgery</b>
109	Orfahli, Lynn	<b>Reflecting on Your Reflection – Examining the Effect of a Non-Reversing Mirror on the Self-Perception of Individuals Interested in Aesthetic Facial Procedures</b>
110	Orji, Peace	<b>Size-Independent Interventions for BPH: Internet Search Trends and Correlation to Bibliometric Analysis</b>
111	Pang, Aaron	<b>Ilizarov vs. Hexapod External Fixators in Post-traumatic Tibial Bone Lengthening</b>
112	Pascoe, Maeve	<b>Association of pneumococcal vaccination with outcomes related to Coronavirus Disease 2019 (COVID-19)</b>
113	Patel, Anooj	<b>Online Side-effect Reporting for Botox, Fillers, and Chemical Peels</b>
114	Perino, Jacob (Jake )	<b>Rapid B1-Insensitive MR Fingerprinting for Quantitative Pediatric ARPKD Renal Imaging</b>



115	<b>Petschke, Allison (Allison )</b>	<b>Outcomes in a Pediatric Aerodigestive Patient Population: Trends Over 3 Years</b>
116	<b>Qureshi, Hira</b>	<b>Assessing appropriate use of multitarget stool DNA (mt-sDNA) testing in outpatient practice</b>
117	<b>Rahman, Sarah</b>	<b>Racial Differences in Rhegmatogenous Retinal Detachment Repair Outcomes</b>
118	<b>Ramanathan, Diya</b>	<b>Validated Outcome Measures and Post-Surgical Scar Assessment Instruments in Eyelid Surgery: A Systematic Review</b>
119	<b>Ravishankar, Pavitra</b>	<b>Recanalization Procedure Time is Associated with Clinical Outcome in Patients undergoing Lower Extremity Revascularization for Peripheral Artery Disease</b>
120	<b>Remer, Sarah</b>	<b>Improving Breastfeeding Rates at RCWC</b>
121	<b>Rivera, Trenton</b>	<b>The Peer-to-Peer Parent Manager: a key driver of the Family-Centered Care philosophy in the Neonatal Intensive Care Unit</b>
122	<b>Rivero, Marco-Jose (Marco )</b>	<b>Developing a Multivariate Clinical-Radiomic Predictor Associated with Need for Surgery in Crohn's Disease</b>

123	Rothfusz, Christopher	<b>The Orthopaedic Interview Spreadsheet: Classification and Comparison to the NRMP</b>
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152	Zhai, Kevin	<b>Multi-level Posterior Cervical Foraminotomy Associated with Increased Peri-operative Infection Rates Relative to Anterior Cervical Discectomy with Fusion and Cervical Disc Arthroplasty</b>
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155	Zheng, Susan	<b>Evaluating Patient Outcomes after Implementation of a Standardized Protocol for Pediatric Acute Appendicitis</b>
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