

Jameson M. Petrochko

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EDUCATION

Cardiothoracic Surgical Fellowship, Allegheny Health Network

Started July 1st 2025, Graduation anticipated June 2027

General Surgical Residency, St. Luke's University Health Network

June 22nd 2020, - June 30th 2025, Board Certification November 2025

M.D., Lewis Katz School of Medicine at Temple University, St. Luke's Regional Campus

Graduated, Spring 2020

B.S., Bioengineering, Lehigh University

Graduated Magna Cum Laude, Spring 2015

High School, Germantown Academy, Fort Washington PA

Graduated, Spring 2011

HONORS AND AWARDS

Tau Beta Pi Engineering Honor Society, Fall 2014

- Inducted Junior Year at Lehigh University

Dean's List, Lehigh University, Fall 2011-Spring 2014

Letter of commendation, Bear Creek Ski Patrol, January 2010

PUBLICATIONS

Nguyen K, Petrochko JM, Wilson J, Sheth SU, Doctor L, Qaqish M. Incidental Discovery of Mycotic Aortic Aneurysm Presenting after Blunt Trauma. Undergoing revisions prior to resubmission

Munshower E, Petrochko JM, Tellschow S, Burfeind W. Mediastinal Anastomosing Hemangioma Causing Recurrent Pleural Effusion. Undergoing revisions prior to resubmission

DiRico MA*, Daly TP*, Petrochko JM, Hart TT, Stoltzfus J, Corwin DS, Stahlnecker DM**, Manchester DJ**. Starting A Robot-Assisted Electromagnetic Navigational Bronchoscopy Program: A Review of Our First Year in Practice. Undergoing revisions prior to resubmission.

*Shared first authorship **Shared senior authorship

Bauerle WB, Hamlin S, Dubois S, Petrochko JM, Frenzel ZA, Ng-Pellegrino A, Stoltzfus J, Burfeind WR, Harrison MA. Impact of Liposomal Bupivacaine on Enhanced Recovery After Surgery Protocol for Lung Resection. *Ann Thor Surg.* 2025;119(1):219-226

Allsbrook A*, Petrochko JM*, Wilson J, Fisher J. Iatrogenic radial arteriovenous fistula after coronary angiography - a case report and literature review. *Vasc Dis Manag.* 2023;29(8):e162-E166.

*Shared first authorship

Hamlin S, Gallo SR, Petrochko J, Wilson J, Sheth S. Pancreaticoduodenal Artery Aneurysm Complicated by Median Arcuate Ligament Syndrome. *Vasc Endovasc Surg,* 2024;58(2):213-217

Evans J, Petrochko JM, Sherman MJ, Gifford TD, Baillie D, Brown AM. Ischemic Fallopian Tube: Uncommon Femoral Hernia Contents During Pregnancy. Accepted to *ACS Case Rev Surg.* 2024;4(8)

Gallo SR, Wilson J, Petrochko JM, Redstone E, DiMaggio C, Hamlin S. Endovascular Repair of Ruptured Renal Artery Aneurysm: A Lifesaving and Kidney-preserving Approach, Case Report and Review of the Literature. *Vasc Dis Manag.* 2023;20(4):e74-E76

Petrochko JM, Ullrich LA. Anterior Compartment Syndrome After Inversion Sprain. *Am Surg.* 2023;89(9):3857-3857

Petrochko JM, Pateman Aciu SM, Sheth SU. A Case of Portal Vein Thrombosis After Second Pfizer/BioNTech COVID-19 Vaccine. *J Vasc Surg Cases Innov Tech.* 2022;8(4)

Pateman Aciu SM, Petrochko JM, Fisher JB, Bassik N. Spontaneous Isolated Celiac and Splenic Artery Dissection with Splenic Infarction. *Radiolog Case Rep.* 2022;17(6):2085-2091

Conti KR, *et al.* Case Report: Juvenile Nasopharyngeal Angiofibroma and a Call for Communication. *Pennsylvania Academy of Otolaryngology – Head & Neck Surgery Soundings Newsletter Fall 2021*

Petrochko JM *et al.* "Virtual Interviewing for Residency/Fellowship during the COVID-19 Pandemic" In Contemporary Topics in Graduate Medical Education - Volume 2, edited by Stanislaw Stawicki *et al.* London: IntechOpen, May 2021

Petrochko JM, Abrahamian G, Cigarroa F, Thomas E. Colonic mucormycosis in solid organ transplantation: Case report and review of the literature (Colonic mucormycosis after DDLT). *Transpl Infect Dis.* 2020;22(6):e13362

Petrochko JM, Canning JA, Wheeler CA. Perineal Groove in a Neonate with Increased Maternal Serum Alpha-Fetoprotein. *Int J Clin Pediatr.* 2020;(9)4, 110-115

Petrochko JM *et al.* Tattoo-associated complications and related topics: A comprehensive review. *Int J Acad Med.* 2019;5(1):19-50

PRESENTATIONS, National / Regional

Petrochko JM, Olenchock SA, Ullrich LA. No Bypass, No Problem: Historical Management of Cardiac Trauma in the Pre-Bypass Era. Poster presented at 2024 Southeastern Surgical Congress, February 2024; Clearwater FL

Petrochko JM, Olenchock SA. Outcomes of Postinfarction Ventricular Septal Defect Repair at a University-Affiliated Community Hospital. Poster presented at Eastern Cardiothoracic Surgery Society 61st Annual Meeting, October 2023; Manalapan, FL

Petrochko JM, Ullrich LA. Anterior Compartment Syndrome After Inversion Sprain. Poster presented at 2023 Southeastern Surgical Congress, February 2023; Savannah, GA

Petrochko JM, Manchester DJ, Fitzpatrick JR, Roscher CR. Systolic Anterior Motion of the Mitral Valve During One-Lung Ventilation in the Setting of Massive Pulmonary Embolism. Poster presented at 2022 American Society of Anesthesiologists Annual Meeting, October 2022; New Orleans, LA

PRESENTATIONS, Local

Evans J, Petrochko JM, Manchester DJ. Interval Supercharged Colonic Interposition Graft After Esophagogastrectomy. Presented at St. Luke's University Health Network Research Day 2023 QuickShot Presentations, June 2023; Bethlehem PA

Petrochko JM, Olenchock SA. Stanford Type A Aortic Dissection Occurring in the Emergency Department. Presented at St. Luke's University Health Network Research Day 2023 QuickShot Presentations, June 2023; Bethlehem PA

Petrochko JM, Gioia W, Manchester DJ. Successful Conservative Management of Purulent Pericarditis in a Poor Surgical Candidate. Presented at St. Luke's University Health Network Research Day 2023 QuickShot Presentations, June 2023; Bethlehem PA

Petrochko JM, Cipolla J. *Mycobacterium abscessus* infection after abdominoplasty. St. Luke's University Health Network Research Day 2022 QuickShot Presentations, June 2022; Bethlehem PA

Petrochko JM, Darby ZE, Wilde-Onia R, Cipolla J. Improving Early Mobility in Trauma Patients. Lewis Katz School of Medicine Class of 2020 Virtual Poster Presentations, May 2020; Philadelphia PA

RESEARCH EXPERIENCE

Quality Improvement Researcher, St. Luke's University Health Network, Division of Trauma, Surgical Critical Care, and Emergency Surgery, October 2018 – May 2020

Intern, Genesis Genetics, May – August 2014

Intern, Lehigh University Biosystems Dynamics Summer Institute, May – July 2013

WORK EXPERIENCE

Class Capture A/V Setup Tech, St. Luke's Campus of Lewis Katz School of Medicine, August 2017 – May 2018

Anesthesia Department Research Technician, Temple University Hospital, May – July 2016

Patient Care Assistant (Nurse's Aide), St. Luke's University Health Network, August 2015 – April 2016

Mentor, Pennsylvania Governor's School for Engineering and Technology, June – July 2015

- Mentored rising high school seniors interested in STEM fields

Machinist, Lehigh University Department of Mechanical Engineering, August – September 2014

Laboratory Intern, Genesis Genetics, May – August 2014

Stagehand, Zoellner Arts Center at Lehigh University, September 2011 – February 2012

PROFESSIONAL SERVICE

Operation Giving Back, High School student mentorship program, December 2022 – May 2023

Co-leader, Estes Surgical Society, Fall 2017 – Spring 2020

Established two new electives (Thoracic Surgery & Fertility Medicine) at St. Luke's University Hospital Network Regional Campus of Lewis Katz School of Medicine, Summer 2019

COMMUNITY SERVICE

Medical Student Volunteer, Division of Trauma, Surgical Critical Care, and Emergency Surgery, October 2017 – March 2018

Emergency Department and Pharmacy Volunteer, St. Luke's University Health Network, 2013-2015

Alpine Ski Patroller, Bear Creek Mountain Resort, 2008-2015

- Letter of commendation, January 2010

Volunteer EMT, Lower Frederick Regional Ambulance Corps, 2009 – 2011

PROFESSIONAL AFFILIATIONS

Society of Thoracic Surgeons, candidate member

National Ski Patrol, alumni member

Tau Beta Pi Engineering Honor Society, Member

Beta Kappa chapter of Sigma Phi Delta Engineering Fraternity, Founding Member

LANGUAGES

English: Native Language

Spanish: Basic conversational

CERTIFICATIONS AND OTHER TRAINING

Advanced Surgical Skills for Exposure in Trauma (ASSET), August 2024

Advanced Trauma Life Support (ATLS), June 2019

Robotic surgery, completion of Basic & Advanced Curricula on Mimic dV TRAINER simulator, Fall 2018

Pennsylvania EMT-B, 2009-2018

National Ski Patrol Certification, 2008-2015

INTERESTS

Automotive repair and modification

- Amateur drag racing
 - 1976 Chevrolet Monte Carlo
 - Naturally aspirated 6.0L Gen III Small Block (LQ4) Engine/TH400 Transmission
 - M&H Racemaster Slicks, footbrake
 - 11.500 seconds in ¼ mile at 115.28 mph, Cecil County Dragway, November 2019
- Lehigh Formula SAE 2011-2015
 - Mechanical Properties Team Leader 2013-2015
- General automotive maintenance

Racquetball & Squash

Cooking

Gardening

Snowboarding