

CHRISTINE L. LAU, MD, MBA

Dr. Robert W. Buxton Professor and Chair, Department of Surgery
University of Maryland School of Medicine
Surgeon-in-Chief
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Contact Information

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Education

1985-1989	B.S. Biochemistry	The Florida State University
1991-1995	M.D. (With Honors/Rank 1 st)	Dartmouth Medical School Hanover, NH
2010-2012	Darden MBA	University of Virginia Charlottesville, VA

Post Graduate Education and Training

1991-1991	Pfizer Pharmaceuticals Research Fellowship
1995-1996	Internship in General and Thoracic Surgery, Duke University
1996-1997	Junior Assistant Resident in General and Thoracic Surgery, Duke University
1997-1999	Research Fellow, Pulmonary Transplantation Laboratory, Duke University
1997-1998	Undergraduate Research Project
1999-2001	Senior Assistant Resident in General and Thoracic Surgery, Duke University
2001-2002	Chief Resident in General Surgery, Duke University
2002-2005	Cardiothoracic Fellow & Lung Transplant Fellow, Washington University SOM

Certifications

2003	American Board of Surgery
2007	American Board of Thoracic Surgery

Medical Licensures

Inactive	Michigan
Inactive	Missouri
Active	North Carolina
Active	Virginia
Active	Maryland

Employment History

Academic Appointments

2005-2007 Assistant Professor of Surgery, Section of Thoracic Surgery, Univ of Michigan
2007-2010 Assistant Professor of Surgery, Section of Thorac & Cardiovasc Surg, Univ of Virginia
2009-2013 Co-Surgical Director of Lung, Section of Transplantation, Univ of Virginia
2010-2019 Associate Professor of Surg, Section of Thorac & Cardiovasc Surg, Univ of Virginia
2012-2019 Associate Program Director, Section of Thorac & Cardiovasc Surg, Univ of Virginia
2013-2017 Surgical Director of Lung Transplantation, University of Virginia
2014-2019 Chief, Section of Thoracic Surgery, University of Virginia
2016-2019 Chief, Division of Thoracic Surgery, University of Virginia
2017-2019 Professor of Surgery, Division of Thorac & Cardiovascular Surg, Univ of Virginia
2018-2019 George Minor Professor of Surgery
2019-present Dr. Robert W. Buxton Professor and Chair of Surgery, Univ. of Maryland SOM

Other Employment

1989-1990 Allied-Signal Research Chemist

Professional Society Memberships

1994 Alpha Omega Alpha –Past President of Medical School Chapter
1995 Mosenthal Surgical Society
2002 International Society of Heart and Lung Transplantation
2002 Sabiston Surgical Society
2005 John Alexander Surgical Society,
2007 Southern Thoracic Surgical Association
2008 American College of Surgeons
2008 Association of Women Surgeons (also Virginia Association of Women Surgeons)
2008 Virginia Woman in Surgeon Chapter Secretary/Treasurer
2008 Society of Thoracic Surgeons
2008 National Lung Review Board
2008 ABTS General Thoracic Consultant
2008 Women in Thoracic Surgery
2008 Pulmonary Transplant Council Communications Workforce Leader
2008 Invited chair on session of gastroesophageal reflux and lung transplantation (ISHLT 4/08 meeting)
2008 American Society of Transplant Surgeons
2008 General Thoracic Surgery Club
2008 Cabell Society (UVA Surgical Interest Group) Attending Sponsor
2008 General Thoracic Biology Club
2009 Reimbursement Committee
2009 Muller-Jones Surgical Society.
2009 Thoracic Surg Foundation for Research and Education- Research Comm Member
2009 American Association of Thoracic Surgery

- AATS Academy Part I (April 29th -30th AATS 2010)
- AATS Academy Part II (May 6th AATS 2011)
- AATS Skills Course Director 2011
- AATS Research Scholarship Committee
- 2009 AATS medical student fellowship sponsor (David Harris)
- AATS TSDA reviewer of curriculum
- AATS Scientific Affairs and Government Relations Committee
- AATS Centennial Committee
- 2009 JCTSE CT Curriculum Editor
- 2009 AATS Membership Committee
- 2009 AATS Publications Committee
- 2009 AATS IT Committee
- 2009 AATS Guidelines Committee
- 2009 AATS Council
- 2010 Program Committee
- 2010 Association for Academic Surgeons
- 2010 AAS Leadership Committee
- 2011 AATS/STS Joint Workforce on Health Policy, Reform, and Advocacy
- 2011, 2013&2016 Temporary member SAT study section NHLBI/NIH
- 2012 Secretary Virginia Surgical Society
- 2012 Thoracic Inservice Consultant
- 2013-2016 Southern Thoracic Surgical Association Council STSA
- 2015 President of Virginia Surgical Society
- 2016 Director American Board of Thoracic Surgery
- 2016 Leapfrog Panel Expert
- 2018 SAT NHLBI/NIH Member

Honors and Awards

- 1994 Junior AOA, Dartmouth Medical School
- President AOA - Alpha, NH Chapter
- 1994 Syvertsen Scholar, Dartmouth Medical School
- 1995 Janet M. Glasgow Memorial Award, 1st in Medical School Class
- 1995 Arthur Naitove Surgical Scholar Award, Dartmouth Medical School
- 1995 Association for Academic Surgery Award
- Founding Member of the Mosenthal Surgical Society,
Dartmouth Medical School
- 1995 David C. Sabiston Surgical Research Scholar
- 1997-1998 Recipient of ISHLT Transplant Research Fellowship
- 1998-1999 Weck/Duke University Medical Center Department
of Surgery Award for Excellence in Clinical & Basic Science Lung Transplantation
- 1998
- 2002-2003 Washington University School of Medicine Pulmonary
Medicine Training Grant (T32HL07317)
- 2006-2008 AATS John W. Kirklin Fellow

- 2007 Detroit's Top Doctors (Hour Detroit Magazine)
- 2010 Leadership in Academic Medicine
- 2010 Leadership Fellowship Darden MBA
- 2011 US News and World Report Top Doctor
- 2011-present Top Doctor in Thoracic Surgery and Cancer
- 2015 Newsweek Top Doctor
- 2017 Dean's Excellence Award for Team Science

Clinical Activities

Inpatient

Surgical Director of Lung Transplantation.

Outpatient

- 2009-2017 Developed outreach clinic at Augusta Medical Center
- 2009-20017 Only thoracic surgeon going to AMC and first outreach in thoracic surgery
- 2014-2017 Started the Augusta Thoracic Surgery Program (1/14)

Development of Clinical Programs

New Innovative Programs

- 2007 Photodynamic Therapy - In collaboration with gastroenterology, I have taken over the direction of this program at UVA.
- 2009 Transtracheal oxygen (SCOOP catheter) - Brought the new fast-track system to UVA and successfully implemented in thoracic surgery
- 2010 Endoscopic bronchial ultrasound (EBUS) - Brought this program to UVA and successfully implemented in thoracic surgery
- 2014 Lung Cancer Screening Clinic at UVA. - I wrote the business plan for this for the Cancer COE.
- 2014 Augusta Thoracic Surgery Service Line - I started thoracic surgical program from the beginning at Augusta Health, private hospital 40 mins from Charlottesville. I developed and implemented from the beginning this entire program.
- 2015 Ex-Vivo Lung Program - I wrote the business plan for this program
- 2016 Clinical Trial of Regadenoson in Human Lung Transplantation - Our bench to bedside research culminated in the first ever human lung transplant recipient receiving regadenoson infusion at the time of transplantation. Ultimately, we are hoping to use these compounds (adenosine agonists) as a way to prevent early lung inflammation and subsequent rejection.

Administrative Service

Editorial Boards

- 2008-2009 Innate Immunity
- 2008-2009 Minimally Invasive Surgery

Ad-Hoc Reviewer

2005-present J Thorac Cardiovascular Surg
2006-present Annals of Surgical Oncology
2008-present Ann Thorac Surg
2008-present Nature Protocols
2008-present Immunobiology
2010-present American Journal of Transplantation

Institutional Service

School of Medicine

2005-2009 General Surgery/ Cardiothoracic Fellow Interviews
2008 Speaker at Medical Student Program at American College of Surgeons
2008, 2009 & 2011 Speaker at Exploring Opportunities Day (Career Day) (TCV-Surgery)
2009 Pediatric Heart Surgeon - Search Committee Member
2009 Academic Excellence Awards Committee
2009 Organized the Lipscomb Lecture (Dr. Vincent Gott speaker; May 7th)
2010 Horsley Award Committee
2010 Biomedical Engineer Chair - Search Committee Member
2013, 2014 Speaker at Cabell Society function on multiple occasions
2014 Abdominal Transplant Surgeon - Search Committee Member
2015 Hepatology Attending - Search Committee Member
2018 Division Chief Vascular Surgery - Search Committee Member

UVa Hospital

2009-2012 Thoracic Quality Support Team Attending Representative
2011 Ethics Committee
2011 HSF Audit Committee
2011 Operations Management Team

Local and National Service

Local Service

2008-2009 Secretary/Treasurer, Virginia Association of Women Surgeons
2012 Secretary, Virginia Surgical Society

National Service

2008-2010 Consultant Neomend/Progel
2009 AATS Scientific Affairs and Government Relations Committee (SAGR)
2009 AATS Centennial Committee
2009-2011 American Society of Transplant Surgeons Reimbursement Committee
2009-2013 AATS Research Scholarship Committee
2010 AAS Leadership Committee
2010-present Thoracic Surgery Foundation for Research and Education- Research Committee Member

2010-2014 Consultant Vitrolife- NOVEL safety committee
2011-2014 International Society of Heart and Lung Transplantation: Pulmonary Transplant
Council Communications Workforce Leader
2012-2015 National Lung Review Board
2012-2014 Ethicon Advisory Board
2013-2016 Council STSA
2014-2016 Ad Hoc SAT (NIH/NHLBI) study section
2014-2016 JCTSE CT Curriculum Editor
2015 STS Program Committee
2015-2017 AATS TSDA reviewer of curriculum
2015-2016 AATS Membership Committee
2016-present ABTS General Thoracic Consultant
2016-present Director ABTS
2016-present Council AATS

Teaching Service

2005-present Ward, Clinic, and OR (med students, residents, fellows)

Medical Student Teaching

2005-2007 University of Michigan medical student thoracic lectures (4 lectures)
2007-present Medical Student Thoracic Lectures 1-hr/6 weeks

Resident and Fellow Teaching

2005-2007 University of Michigan resident teaching conference (6 lectures)
2007-present Organize fellow teaching conference 1-hr/week
2007-present Fellow teaching conference lectures 8 lectures (4 each year)
2008-present Cabell Society Attending Sponsor
2009 Am resident teaching rounds on chest wall masses
2009 Academic versus Private Practice 1 hr to residents
2012 JCSTE "Educate the Educators" course

Post-Graduate Teaching

2002 Duke University Medical Center Grand Rounds
2006 University of Michigan Grand Rounds
2006 University of Virginia Anesthesia Grand Rounds
2007-2009 Organized fellow teaching conference
2008 University of Virginia General Surgery Grand Rounds
2009 Dartmouth Medical School General Surgery Grand Rounds
2009 Vanderbilt Medical Center Pulmonary Research Rounds
2011 Johns Hopkins Bayview Center Surgery Grand Rounds
2011 Shanghai Pulmonary Hospital Surgery Grand Rounds
2013 Wake Forest Baptist Medical Center Surgery Grand Rounds

2015 University of Virginia General Surgery Grand Rounds

Teaching Committees

2008 Christopher Coleman MSSRP MD student
2011 Independent study for John Steidle UVA undergraduate
2011-2013 Independent study for David Harris, Medical Student (AATS fellowship)
2013-2015 Independent study for Joshua Jolliesant, Medical Student (AATS fellowship)
2014 Rebecca C. Obeng MSTP Advisory Committee

Student Counseling

2011-2012 David Mauro (resident) Faculty Advisor
2011-2017 Laura Rosenberg (resident) Faculty Advisor

Other, including development of curriculum or new teaching materials, methods of evaluation, program supervision, etc.

2009 Rejuvenation of transtracheal oxygen program at UVA
2010 Development of endoscopic bronchial ultrasound at UVA

Active Grants

04/2016-03/2021 (PI, 35 %)
Prevention of Lung Transplant Injury with Adenosine 2A Receptor Agonist

R01 HL128492
NIH/NHLBI
Annual Direct Cost 663,833
Total Direct Cost (\$3,319,165)

Completed Grants

07/1998-06/1999 (PI, 100%)
ISHLT Research Fellow. Lung Transplantation.
Total Direct Cost 25,000

07/2006-06/2008 (PI, 30%)
Leukoregulation by CD39 in Lung Transplantation.
AATS John W. Kirklin Fellow
Annual Direct Cost 80,000
Total Direct Cost 160,000

2006-2007 (Co-PI, 5%) (PI Doug Arenberg, MD)
Primary Pulmonary Hypertension.
Project Grant Number N008170.
Total Direct Cost \$40,000

08/2008-07/2009 (PI, 20%)
Cardiovascular Research Center Partner's Award. Adenosine Signaling in Heart Transplantation
Annual Direct Cost \$25,000
Total Direct Cost \$25,000

01/2009-12/2013 (PI, 50%)
Adenosine 2A Receptor Signaling in Lung Transplant Injury and Rejection
NIH/NHLBI 5K08HL094704
Annual Direct Cost \$75,000
Total Direct Cost \$375,000

07/2009-06/2014 (PI, 10%)
Thoracic Surgery Foundation for Research and Education
Matching Funds for K08
These are matching funds for the K08.
Annual Direct Cost \$75,000
Total Direct Cost \$375,000

2011 (PI, 5%)
Covidien Education Grant
Annual Direct Cost \$35,000
Total Direct Cost \$35,0000

12/2012-11/2014 (Co PI, 5%) (PI: Kron)
Improving Lung Transplantation with Immediate Ex Vivo Perfusion
Roche Organ Transplant Research Foundation, Meggen, Switzerland
This project studies the role of immediate versus delayed ex vivo lung perfusion for the rehabilitation of donor lungs for transplantation using a porcine model.
Total Direct Cost 200,000

12/2012-11/2014 (PI, 20%)
Prevention of Chronic Allograft Rejection through Fibrocytes and mTOR Inhibition
IIR WS2331368
Pfizer ARTS grant
The goal of this study is to study the role of fibrocytes in chronic rejection.
Total Direct Cost 197,372

8/2013-7/2018 Co Investigator 5% (MPI: Laubach/Kron)
Ex vivo perfusion in a lung box for rehabilitation of donor lungs
R01 HL119218
NIH/NHLBI
Annual Direct Cost \$416,167
Total Direct Cost \$2,080,835

7/2015-6/2018 (PI, 10%)
Ex-vivo Lung Perfusion Buchanan Foundation
This project provides funding to establish the clinical EVLP program at UVA
Annual Direct Cost \$54,087
Total Direct Cost \$162,261

Patents

1. Horn KA, **Lau CL**. Polymeric nitrones having an acrylic backbone chain. Europe, 1992 (EP 92 90 84 18.4).
2. Horn KA, **Lau CL**. Polymeric nitrones having a styrene-derived backbone chain. United States, 1993 (USP 52 19, 710).
3. Horn KA, **Lau CL**. Polymeric nitrones having an acrylic backbone chain. World, 1993 (WO 92 15, 625).
4. Horn KA, **Lau CL**. Polymeric nitrones having an acrylic backbone chain. United States, 1993 (USP 51 76, 983).
5. Horn KA, **Lau CL**. Divisional-polymeric nitrones having an acrylic backbone chain. United States, 1993 (USP 52 73, 863).

Publications

Peer-reviewed journal articles

1. Beeson KW, Horn KA, **Lau CL**, McFarland M, Schwind D, Yardley JT. Photochemical delineation of waveguides in polymeric thin films. SPIE: Photopolymer Device Physics, Chemistry, and Applications II 1991; 1559:258-266.
2. Hulin B, **Lau CL**, Gibbs EM. Synthesis of a biotin conjugate of darglitazone, a new antidiabetic agent. A general protocol for the reversible biotinylation of ketones. Bioorganic and Medicinal Chemistry Letters 1993; 3:703-706
3. Yeatman M, Daggett CW, **Lau CL**, et al. Human complement regulatory proteins protect swine lungs from xenogeneic injury. Ann Thorac Surg 1999; 67:769-75.
4. Holzknecht ZE, Coombes S, Blocher BA, **Lau CL**, Davis RD, Platt JL. Identification of antigens on porcine pulmonary microvascular endothelial cells recognized by human xenoreactive natural antibodies. Laboratory Investigation 1999; 79:763-773
5. **Lau CL**, Bentley RC, Que LG, Gockerman JP, D'Amico TA. Malignant melanoma presenting as a mediastinal mass. Ann Thorac Surg 1999; 67:851-2.
6. **Lau CL**, Posther KE, Stephenson GR, et al. Mini-circuit cardiopulmonary bypass with vacuum assisted venous drainage: feasibility of asanguineous prime in the neonate. Perfusion 1999; 14:389-396.
7. D'Amico TA, Aloia TA, Moore MB, Herndon, JE, Brooks KR, **Lau CL**, Harpole, DH. Molecular Biologic Substaging of Stage I Lung Cancer According to Gender and Histology. Ann Thorac Surg 2000;69: 882-6 (Southern Thoracic Surgical Association 1999 President's Award for the Best Scientific Paper)
8. Holzknecht ZE, Coombes S, Blocher BA, Plummer TB, Bustos M, **Lau CL**, Davis, RD, Platt, JL. Evidence of immune complex formation in pulmonary xenografts. Transplantation Proceedings 2000; 32(5): 1141.

9. **Lau CL**, Daggett CW, Lin SS, et al. The role of antibodies in dysfunction of pig to baboon pulmonary transplants. *J Thorac Cardiovascular Surg* 2000; 120: 29-38.
10. **Lau CL**, Palmer SM, Posther KE, et al. Influence of Panel-Reactive Antibodies on Post-Transplant Outcomes in Lung Transplant Recipients. *Ann Thorac Surg* 2000; 69: 1520-24.
11. **Lau CL**, Harpole DH. Noninvasive clinical staging modalities for lung cancer. *Seminars in Surgical Oncology* 2000; 18:116-123.
12. **Lau CL**, Harpole DH, Patz. Staging Techniques for Lung Cancer. *Chest Clinics of North America* 1000: 781-801.
13. Lin SS, Hannaway MJ, Gonzalez-Stawinski GV, **Lau CL**, et al. The target of xenoreactive antibodies in the acute vascular rejection of xenotransplants. *Transplantation* 2000; 70: 1667-1674.
14. Holzknrecht ZE, Coombes S, Blocher BA, Plummer TB, Bustos M, **Lau CL**, Davis, RD, Platt, JL. Immune complex formation following xenotransplantation: evidence of type III as well as type II immune reactions provide clues to pathophysiology. *American Journal of Pathology* 2001; 158:627-637
15. Clary EM, Bruch SM, **Lau CL**, Ali A, Chekan EG, Garcia-Oria MJ, Eubanks S. Effects of pneumoperitoneum on hemodynamic and systemic immunologic responses to peritonitis in pigs. *Journal of Surgical Research* 2002. 108(1):32-8.
16. Gonzalez-Stawinski, GV, Daggett CW, **Lau CL**, Karoor S, Love SD, Logan JS, Gaca, JH, Parker, W, Davis RD Non-anti-Gal α 1-3Gal antibody mechanisms are sufficient to cause hyperacute lung dysfunction in pulmonary xenotransplantation *Journal of American College of Surgeons* 2002; 194(6) 765-73.
17. **Lau CL**, Moore MB, Brooks KR, D'Amico TA, Hrpole D. Molecular staging of lung and esophagega cancer. *Surgical Clinics of North America* 2002; 82 (3) 497-523.
18. **Lau CL**, Palmer, SM, Howell, DN, McMahan R, Hadjiliadis, Gaca, J, Pappas, TN, Davis, RD, Eubanks, S. Laparoscopic Anti-Reflux Surgery in the Lung Transplant Population. *Surgical Endoscopy* 2002; 16(12) 1674-1678.
19. Hadjiliadis D, Davis RD, Steele MP, Messier RH, **Lau CL**, Eubanks SS, Palmer SM. Gastroesophageal reflux disease in lung transplant recipients. *Clinical Transplantation* 2003. 17(4):363-8.
20. **Lau CL**, Cantu E, Posther KE, Gonzalez-Stawinski GV, Nichols, TC Platt JL, Parker W, Davis RD. The role of von Willebrand Factor in discordant lung xenotransplantation. *American Journal of Transplantation*. 2003 Sep; 3(9):1065-75.
21. Davis RD, **Lau CL**, Eubanks S, Messier, RH, Hadjiliadis D, Steele, MP, Palmer SM. Improved lung allograft function following fundoplication in lung transplant patients with GERD. *J Thorac Cardiovascular Surg* 2003; 125 (3) 533-42.
22. **Lau CL**, Patterson GA. Current status of lung transplantation. *Eur Respir J* 2003;22:Suppl. 47. 57s-64s.
23. Force SD, **Lau CL**, Moazami N, Trulock EP, Patterson GA. Bilateral lung transplantation and pulmonary artery reconstruction in a patient with chronic obstructive pulmonary disease and a giant pulmonary artery aneurysm. *J Thorac Cardiovascular Surg* 2003. 126(3):864-6.
24. **Lau CL**, Patterson GA. Lung Volume Reduction Surgery. *Minerva Pneumol*. 2003; 42: 127-37.
25. O'Halloran E, Reynolds JD, **Lau CL**, Manson RJ, Davis RD, Palmer SM, Pappas TN, Clary EM, Eubanks WS. Laparoscopic Nissen fundoplication for treating reflux in lung transplant recipients. *J Gastrointest Surg*. 2004 Jan;8(1):132-7.

26. **Lau CL**, Patterson GA, Palmer SM. Critical care aspects of lung transplantation. *Journal of Intensive Care Medicine* 2004;19(2): 83-104.
27. Mody GN, Picus D, Bhalla S, Ritter J, McCardle, Patterson GA, **Lau CL**. Mycotic Pulmonary Artery Pseudoaneurysm: A case report. *Journal of Thoracic Imaging* Volume 20(4), November 2005, 310-313.
28. **Lau CL**, Hoganson DM, Meyers, BF, Damiano, RJ, Patterson GA. Use of the urchin heart stabilizer in lung transplantation. *Ann Thorac Surg* 2006; 81:1524-1525.
29. Chang AC, Chan KM, Lonigro RJ, **Lau CL**, Lama VN, Flaherty KR, Florn R, Pickens A, Murray S, Martinez FJ, Orringer MB. Surgical patient outcomes following the increased utilization of bilateral lung transplantation. *J Thorac Cardiovasc Surg* 2007; 133(2): 532-40.
30. Lama VN, Murray S, Lonigro RJ, Toews GB, Chang AC, **Lau CL**, Flint A, Chan KM, Martinez FJ. Course of FEV₁ after Onset of Bronchiolitis Obliterans Syndrome in Lung Transplant Recipients. *American Journal of Respiratory and Critical Care Medicine* 2007 Jun 1 175(11) 1192-8.
31. Varghese T, Marshall B, Chang AC, Pickens A, **Lau CL**, Orringer MB. Surgical Treatment of Epiphrenic Diverticula: A 30-year Experience. *Ann Thorac Surg* 2007; 84 (6): 1801-9.
32. Scipione, CN, Chang AC, Pickens A, **Lau CL**, Orringer MB. Transhiatal Esophagectomy in the Profoundly Obese – Implications and Experience. *Ann Thorac Surg* 2007; 84:376-383.
33. Cantu E. Balsara KR. Li B. **Lau C**. Gibson S. Wyse A. Baig K. Gaca J. Gonzalez-Stawinski GV. Nichols T. Parker W. Davis RD. Prolonged function of macrophage, von Willebrand factor-deficient porcine pulmonary xenografts. *American Journal of Transplantation* 2007; 7(1):66-75
34. Harada H, Lama VN, Badri LN, Petrovic-Djergovic D, Liao H, Yoshikawa Y, Iwanga, **Lau CL**, Pinsky DJ. Early growth response gene-1 (Egr-1) promotes airway allograft rejection. *American Journal of Physiology - Lung Cellular & Molecular Physiology* 2007; 293(1): L124-30.
35. Orringer MB, Marshall B, Chang ACC, Lee J, Pickens A, **Lau CL**. Two Thousand Transhiatal Esophagectomies: Changing Trends, Lessons Learned. *Annals of Surgery*. 2007; 246 (3) 363-72.
36. Romano M, Bolling SF, **Lau CL**. Pulmonary Artery Sarcoma Diagnosed by Hemoptysis. *Chest* 2007;132 (4) 689S.
37. Cooke DT, **Lau CL**. Primary repair of esophageal perforation. *Operative Techniques in Thoracic and Cardiovascular Surgery* 2008;13(2) 126-37.
38. Boedefeld RL, Eby J, Boedefeld WM, Stanley D, **Lau CL**, Kern JA, Kozower BD. Fatal mycobacterium tuberculosis infection in a lung transplant recipient. *J Heart Lung Transplant* 2008; 27:1176-8.
39. Kozower BD, **Lau CL**, Jones DR, Stukenborg G. Measuring the quality of surgical outcomes in general thoracic surgery: should surgical volume be used to direct patient referrals? *Ann Thorac Surg* 2008 86 (5); 1405.
40. McKay G, Arlet V, Kern J, **Lau CL**, Jones DR, Kozower BD. A bi-lobed thoracic outlet mass: options for resection. *J Thorac Cardiovasc Surg*. 2009; 137. 245-7.
41. Cooke DT, Pagani FD, Kaul DR, Cooke KR, **Lau CL (corresponding author)**, Riddell J. Successful treatment of pulmonary zygomycosis in two transplant recipients with liposomal amphotericin B and partial surgical resection followed by posaconazole. *Mycoses* 2010; 53:163-67.

42. Taylor MD, Smith PW, Brix WK, Wick MR, Theodosakis N, Swenson B, Kozower BD, **Lau CL**, Jones DR. FDG-SUVmax correlates with increased expression of GLUT-1, p53, and EGFR in patients with NSCLC. *J Thorac Cardiovasc Surg.* 2009; 137(1): 43-8.
43. Ailawadi G, **Lau CL (corresponding author)**, Fedoruk L, Smith P, Kuhn C, Kozower B, Kern J, Peeler B, Kron I, Jones DR. Does reperfusion injury still cause significant mortality after lung transplantation? *J Thorac Cardiovasc Surg.* 2009; 137: 688-94.
44. **Lau CL**, Zhao Y, Kim J, Kron IL, Linden J, Pinsky DJ. Enhanced fibrinolysis protects against lung ischemia-reperfusion injury. *J Thorac Cardiovasc Surg.* 2009; 137: 1241-48.
45. Cooke DT, Lin GC, **Lau CL**, Zhang L, Si M, Lee J, Chang AC, Pickens A, Orringer MB. Analysis of cervical esophagogastric anastomotic leaks after transhiatal esophagectomy-risk factors. presentation, detection. (Hawley H. Seiler Resident Award Paper). *Ann Thorac Surg* 2009; 88; 177-85.
46. Ailawadi G, Lapar DJ, Siefert SA, Swenson BR, Kern JA, **Lau CL**, Peeler BB, Kron IL. Model for end-stage liver disease predicts mortality for tricuspid valve surgery. *Ann Thorac Surg* 87 (5); 1460-7.
47. Walters, DM, Dunnington GH, Dustin SM, Frierson HF, Peeler BD, Ailawadi G, **Lau CL**, Rosai-Dorfman disease manifesting as a pulmonary artery mass causing right heart failure, a case report and review of the literature. *Ann Thorac Surg* 2010; 89:300.
48. **Lau CL**. Zhao Y, Kron IL, Stoler, MH; Laubach, VE, Ailawadi, G; Linden J. The role of adenosine A(2A) receptor signaling in bronchiolitis obliterans. *Ann Thorac Surg* 2009; 88:1071-78.
49. Kozower BD, Ailawadi G, Jones DR, Pates RD, **Lau, CL**, Kron IL, Stukenborg GJ. Predicted risk of mortality models: surgeons need to understand limitations of the university healthsystem consortium models *J American Coll Surg* 2009; 5:551-56.
50. Grogan E, Hennessy S, Harthun NL, Bodefield R, Jones DR, Robbins M, Vaughn C, Ailwadi G, Kozower BD, **Lau CL**. Transplant Pneumonectomy in a Patient with an Acutely Thrombosed Allograft. *Ann Thorac Surg* 2010 89 (3) 975-77
51. Ailawadi G, Walton S, Pei H, Moehle C, Yang Z, **Lau, CL**, Mochel M, Kron IL, Owens G. Smooth muscle phenotypic modulation is an early event in aortic aneurysms. *Journal of Thoracic and Cardiovascular Surgery* 2009: 138 (6): 1392-9.
52. Kozower BD, **Lau CL**, Phillips JV, Burks SG, Jones DR, Stukenborg GJ. A thoracic surgeon directed tobacco cessation intervention. *Ann Thorac Surg* 2010: 89 (3) 926-31.
53. Hennessey SA, Hranjec T, Swenson BR, Kozower BD, Jones DR, Ailawadi G, Kron IL, **Lau CL**. Donor factors are associated with bronchiolitis obliterans following lung transplantation. *Ann Thorac Surg* 2010 89 (5): 1555-62.
54. Nagji AS, Hranjec T, Swenson BR, Kern JA, Bergin JD, **Lau CL**, Jones DR, Kron IL, Ailawadi G. Donor age is associated with chronic allograft vasculopathy following adult heart transplantation: implications for donor allocation. *Ann Thorac Surg* 2010; 90:168-75.
55. Emaminia A, Nagji A, Dunnington G, **Lau CL**. Bronchoscopic removal of an endobronchial fibrolipoma using an endoloop. *Ann Thorac Surg* 2010; 90:1714.
56. Kozower BD, Sheng S, O'Brien SM, Liptay MJ, **Lau CL**, Jones DR, Shahian DM, Wright C. Predictors of mortality and major morbidity after resection for lung cancer: a society of thoracic surgeons general thoracic surgery database risk model. *Ann Thorac Surg* 2010; 90: 875-83.
57. Dunlap N, Larner JM, Read PW, Kozower BD, **Lau CL**, Sheng Ke, Jones DR. Size matters: a comparison of T1 and T2 peripheral non-small cell lung cancers treated with stereotactic body radiation therapy (SBRT). *J Thorac Cardiovasc Surg* 2010; 140: 583-89.

58. Zhao Y, LaPar, DJ, Steidle J, Emaminia A, Kron IL, Ailwadi G, Linden J, **Lau CL** Adenosine signaling via the A2B receptor is involved in bronchiolitis obliterans development. *J Heart and Lung Transplant* 2010; 29: 1405-14.
59. Hennessey SA, **Lau CL**. Thoracic Surgery Update. *American Journal of Surgery* 2011; 202,357-9.
60. Harthun, NL, **Lau CL**. The incidence of pulmonary neoplasms discovered by serial CT scanning following endovascular AAA repair. *J Vasc Surg.* 2011; 53(3):738-41.
61. Lapar D, Nagji A, Bhamidipati CM, Kozower BD, **Lau CL**, Ailawadi G, Jones DR. Seasonal variation influences outcomes following lung cancer resections. *Eur J Cardiothorac Surg.* 2011; 40(1):83-90.
62. Zhao Y, Sharma A, Ailawadi G, Emaminia A, Kron IL , **Lau CL**. Tissue plasminogen activator knock-out mice are protected against lung ischemia-reperfusion injury thru prevention of neutrophil extravasation. *Am J Physiol Lung Cell Mol Physiol.* 2011; 300(5): L718-29.
63. Emaminia A, Hennessey S, Hranjec T, Kozower BD, Jones DR, **Lau CL**. Bronchiolitis obliterans is increased in the post-lung allocation score era. *J Thorac Cardiovasc Surg.*; 2011; 141(5): 1278-82.
64. Lapar DJ, Bhamidipati DM, Walters DM, Stukenborg GJ, **Lau CL**, Kron IL, Ailawadi G. Primary Payer Status Affects Outcomes for Cardiac Valve Operations. *J Am Coll Surg.* 2011; 212(5):759-67.
65. LaPar DL, Ailawadi G, Irvine Jr. JN, **Lau CL**, Kron IL, Kern JA. Preoperative Computed Tomography Is Associated with Lower Risk of Perioperative Stroke in Reoperative Cardiac Surgery. *Interact Cardiovasc Thorac Surg.* 2011; 12(6):919-23.
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14. **Lau CL**, Palmer S, Posther KE, et al. Influence of panel reactive antibody on post-transplant outcomes in lung transplant recipients. Forty-sixth Annual Meeting of the Southern Thoracic Surgical Association; Nov 4-6, 1999.
15. Posther KE, **Lau CL**, Gonzalez-Stawinski GV, et al. Xenoreactive antibody recognition of relevant antigens in swine kidney and lung. *Transplantation* S381; 67(7), S140; 1999.
16. Posther KE, **Lau CL**, Gonzalez-Stawinski GV, et al. Alpha Omega Alpha Symposium. Duke University Medical Center April, 1999.
17. Holzknrecht ZE, **Lau CL**, Davis RD, Platt, JL. Shedding of von Willebrand Factor and Formation of Immune Complexes in Renal Xenotransplantation. ASN 33rd Annual Meeting 2000.
18. Gonzalez-Stawinski GV, Daggett CW, **Lau CL**, Karoor S, Logan J, Platt, JL, Davis, RD. Anti-Gal α 1-3Gal antibody depletion and graft function in the orthotopic swine to baboon xenotransplantation lung model ACS Surgical Forum 2000.

19. **Lau CL**, Palmer SM, Hadjiliadis D, Pappas TN, Davis RD, Eubanks S. Laparoscopic anti-reflux surgery in the lung transplant population. SAGES Annual Scientific Session 2001.
20. Miyata, Yoshihiro, **Lau CL**, Davis RD, Platt, JL, Holzknecht ZE. Type III immune reactions in xenotransplantation. ATS 2001 American Journal of Transplantation, May 2001.
21. Miyata Y, Holzknecht Z, **Lau CL**, Davis R.D., Platt, J. Formation of immune complexes after organ xenotransplantation. Xenotransplantation. 8 (Supplement 1): 19, August 2001.
22. **Lau CL**, Palmer SM, Hadjiliadis D, Pappas TN, Eubanks WS, Davis RD. Anti-reflux surgery improves pulmonary function in lung transplant patients. The Journal of Heart and Lung Transplantation; 21:157A. 2002.
23. Davis RD, **Lau CL**, Eubanks S, Hadjiliadis D, Palmer SM. Improved lung allograft function following fundoplication in lung transplant patients with GERD. AATS 82nd Annual Meeting AATS, May 5-8, 2002.
24. O'Halloran EK, **Lau CL**, Davis RD, Palmer SM, Pappas TN, Reynolds JD, Clary EM, Eubanks WS. Laparoscopic nissen fundoplication in lung transplant recipients. DDW Annual Meeting, May 19-22, 2002.
25. Cantu E, Gibson S, Wyse A, **Lau CL**, Gaca J, Stawinski GG, Baig K, Nichols T, Parker W, Davis RD. Role of porcine von Willebrand factor in pulmonary xenograft injury. IXA. Glasgow Scotland. 2003.
26. **Lau CL**, Guthrie TJ, Chaparro C, et al: Lung transplantation in recipients with previous lung volume reduction surgery. The Journal of Heart and Lung Transplantation;22 (1);S183 2003.
27. **Lau CL**, Guthrie TJ, Scavuzzo M, et al: Lobectomy to downsize donor lungs for use in small recipients. The Journal of Heart and Lung Transplantation; 22(1) S116-7. 2003
28. Cantu E, Gibson S, Wyse A, **Lau CL**, Gaca J, Stawinski GG, Baig K, Nichols T, Parker W, Davis RD. Role of porcine von Willebrand factor in pulmonary xenograft injury. Xenotransplantation; 10(5), 487. 2003.
29. Gonzalez-Stawinski G, **Lau CL**, Gaca JG, Davis RD. CD20+ B-cells contribute to natural xenoreactive antibody production while elicited responses are partially mediated CD19-/CD20- B-cells. The Journal of Heart and Lung Transplantation; 23:133A. 2004.
30. **Lau CL**, Trulock EP, Guthrie TJ, Aloush AA, Meyers BF, Hachem R, Patterson GA, Chakinala MM. Post-operative atrial dysrhythmias after lung transplantation. The Journal of Heart and Lung Transplantation; 23:150A. 2004.
31. Cantu E, Gibson S, Wyse A, **Lau CL**, Gaca J, Stawinski GG, Baig K, Nichols T, Parker W, Davis RD. Porcine von Willebrand Factor antigen deficiency with pulmonary intravascular macrophage depletion abrogates hyperacute pulmonary xenograft dysfunction. American Transplant Congress, Boston, MA. 2004.
32. Chang AC, Chan KM, Lonigro RJ, **Lau CL**, Lama VN, Flaherty KR, Florn R, Pickens A, Murray S, Martinez FJ, Orringer MB. Surgical patient outcomes following the increased utilization of bilateral lung transplantation. American Association of Thoracic Surgeons Philadelphia, PA. 2006.
33. Varghese T, Marshall B, Chang AC, Pickens A, **Lau CL**, Orringer MB. Surgical Treatment of Epiphrenic Diverticula: A 30-year Experience. Southern Thoracic Surgical Association Tucson AZ. 2006.
34. Orringer MB, Marshall B, Chang ACC, Lee J, Pickens A, **Lau CL**. Two Thousand Transhiatal Esophagectomies: Changing Trends, Lessons Learned. American Surgical Association Colorado Springs, CO., 2007.

35. Romano M, Bolling SF, **Lau CL**. Pulmonary Artery Sarcoma Diagnosed by Hemoptysis. Chest. Chicago, IL, 2007.
36. Ailawadi G, **Lau CL**, Fedoruk L, Smith P, Kuhn C, Kozower B, Kern J, Peeler B, Kron I, Jones DR. Does reperfusion injury still cause significant mortality after lung transplantation? American Association for Thoracic Surgery, San Diego, CA 2008.
37. **Lau CL**, Kim J, Pinsky DJ. Interplay between coagulation and inflammation in lung transplantation ischemic-reperfusion. International Society for Heart and Lung Transplantation, Boston, MA 2008.
38. Taylor MD, Smith PW, Brix WK, Wick MR, Theodosakis N, Swenson B, Kozower BD, **Lau CL**, Jones DR. FDG-SUVmax correlates with increased expression of GLUT-1, p53, and EGFR in patients with NSCLC. Presented 6/08 Western Thoracic Surgical Association, Kona, Hawaii 2008.
39. **Lau CL**, Fields RC, Patterson GA. Carinal resection via median sternotomy. Southern Thoracic Surgical Association, Austin, Texas, 2008.
40. Cooke D, Lin G, **Lau CL**, Chang AC, Pickens A, Orringer MB. Analysis of cervical esophagogastric anastomotic leaks after trans hiatal esophagectomy: risk factors, presentation, detection. Southern Thoracic Surgical Association, Austin, Texas 2008.
41. **Lau CL**, Zhao Y, Kron IL, Linden J. Adenosine signaling in lung transplant rejection. Society of Thoracic Surgeons, San Francisco, California 2009.
42. Kozower BD, Ailawadi G, Jones DJ, Pates RD, **Lau CL**, Kron IL, Stukenborg G. A. Comparison of predicted risk of mortality models for adult cardiac surgery. Society of Thoracic Surgeons, San Francisco, California, 2009.
43. Taylor MD, Um J, Kozower BD, Jones DR, Ailawadi G, Scavuzzo M, Guthrie T, Meyers BF, Patterson GS, Davis RD, **Lau CL**. Risk of bronchiolitis obliterans in lung transplant recipients who require ECMO for primary graft failure. International Society for Heart and Lung Transplantation Paris, France, April 2009.
44. Hennessey SA, Grogan EL, Harthun NL, Jones DR, Kozower BD, **Lau CL**. Symptomatic pulmonary emboli in lung transplant recipients. International Society for Heart and Lung Transplantation, Paris, France April 2009.
45. Ailawadi G, Walton S, Pei H, Moehle C, Yang Z, **Lau, CL**, Mochel M, Kron IL, Owens G. Smooth muscle phenotypic modulation is an early event in aortic aneurysms. American Association for Thoracic Surgeons 89th Annual Meeting, Boston, MA. May 12, 2009.
46. Dunlap NE, Lerner, JM, Read PW, Kozower BD, **Lau CL**, Sheng K, Jones DR. Size matters: a comparison of T1 and T2 peripheral non-small cell lung cancers treated with stereotactic body radiation therapy (SBRT). Western Thoracic Surgical Association 35th Annual Meeting, June 26, Banff AB Canada 2009.
47. Hennessey SA, Swenson BR, Kozower BD, Jones DR, Ailawadi G, Kron IL, **Lau CL**. Donor hyperoxia is associated with development of bronchiolitis obliterans following lung transplantation. Fifty-six Annual Meeting of the Southern Thoracic Surgical Association, Marco Island, FL. 2009.
48. Kozower BD, **Lau CL**, Phillips JV, Burks SG, Jones DR, Stukenborg GJ. A thoracic surgeon directed tobacco cessation intervention. Fifty-six Annual Meeting of the Southern Thoracic Surgical Association, Marco Island, FL. 2009.
49. Nagji AS, Swenson BR, Kern JA, Bergin JD, **Lau, CL**, Peeler BB, Kron IL, Ailawadi G.

50. Donor age is associated with late coronary artery disease following heart transplantation: implications for donor allocation. Fifty-six Annual Meeting of the Southern Thoracic Surgical Association, Marco Island, FL. 2009.
51. Zhao Y, Steidle J, Emaminia A, Kron IL, Laubach VE, Ailwadi G, Linden J, **Lau CL**. Adenosine 2B receptor signaling in lung transplant bronchiolitis obliterans. Forty-six Annual Meeting of the Society of Thoracic Surgeons, Ft. Lauderdale, FL. January 25-27, 2010.
52. Hennessey SA, Hranjec T, Kozower BD, Jones DR, **Lau CL**. Postoperative dialysis is highly fatal after lung transplantation. International Society of Heart and Lung Transplantation April, Chicago IL 2010.
53. Emaminia A, Hennessey S, Hranjec T, Kozower BD, Jones DR, **Lau CL**. Bronchiolitis obliterans is increased in the post-lung allocation score era. American Transplant Congress, San Diego, CA, May 1-5, 2010.
54. Zhao Y, Emaminia A, Kron IL, Laubach VE, Ailwadi G, **Lau CL**. Tissue plasminogen activator knock-out mice are protected against lung ischemia-reperfusion injury through prevention of neutrophil extravasation. 90th Annual Meeting of the American Association for Thoracic Surgery, Toronto, ON, Canada. May 1-5, 2010.
55. Harthun NL, Kozower BD, Jones DR, **Lau CL**. The incidence of pulmonary neoplasms discovered by serial CT scanning following endovascular AAA repair. Society of Vascular Surgery, Boston, MA, June 10-13, 2010.
56. Strieter RM, Burdick MD, Rose CE, **Lau CL**, Mehrad B. Fibrocytes in fibroproliferative disorders of the lung. International Colloquium on Lung and Airway Fibrosis, Busselton Western Australia Oct 3-Nov 3, 2010.
57. Lapar DL, Burdick M, Harris D, Emaminia A, Robbins M, Kron IL, Strieter, RM, **Lau CL**. Circulating fibrocytes correlate with bronchiolitis obliterans syndrome development following lung transplantation: A novel clinical biomarker. Forty-seventh Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA Jan 31-Feb 2nd, 2011.
58. Lapar DL, Jones DR, Kozower BD, Kron IL, **Lau CL**. Gender, race and socioeconomic status affects outcomes following lung cancer resections in the United States. Forty-seventh Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA Jan 31-Feb 2nd, 2011.
59. Hennessey SA, Hranjec T, Emaminia A, Kozower BD, Jones DR, Kron IL, **Lau CL**. Geographic distance between donor and recipient does not influence BOS after lung transplantation. Forty-seventh Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA Jan 31-Feb 2nd, 2011.
60. Zhao Y, Turlingotn M. Kron IL, Jones DR, Pu L, **Lau CL**. Characterization of novel synthesized small molecular compounds against non-small cell lung cancer. Forty-seventh Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA Jan 31-Feb 2nd, 2011.
61. Julien M, Dunnington G, **Lau CL**. Laparoscopic repair of giant Morgagni hernia. (video session). Forty-seventh Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA Jan 31-Feb 2nd, 2011.
62. LaPar DJ, Emaminia A, Crosby IK, Sharma AK, Sumner HM, **Lau CL**, Laubach VE, Kron IL. Pretreatment Strategy with Adenosine A2A Receptor Agonist Attenuates Reperfusion Injury in a Preclinical Porcine Lung Transplantation Model. 91th Annual Meeting of the American Association for Thoracic Surgery, Philadelphia, PA. May 7-11, 2011.

63. LaPar DJ, Sharma AK, Hajzus VA, Hennessy SA, Zhao Y, **Lau CL**, Laubach VE, Kron IL. Receptor for Advanced Glycation Endproducts (RAGE) Signaling Mediates Acute Hyperglycemia Exacerbation of Experimental Lung Ischemia-Reperfusion Injury. 91th Annual Meeting of the American Association for Thoracic Surgery, Philadelphia, PA. May 7-11, 2011.
64. Lapar DJ, Castigliano M, Stone ML. Guyer RA, **Lau CL**, Kron IL, Ailawadi GA. Damien J LaPar, Castigliano M Bhamidipati, Matthew L Stone, Richard A Guyer, Christine L Lau, Irving L Kron, Gorav Ailawadi. Primary Payer Status Affects Mortality for Coronary Artery Bypass Grafting Operations. American Heart Association. Orlando, FL. November 16, 2011.
65. Wei CH, Kozower BD, Stukenborg GJ, Anderson CW, Nellis J, **Lau CL**, Jones, DR. Induction Therapy for Esophageal Cancer Improves Survival: A Study of Comparative Effectiveness. 97th Annual American College of Surgeons. San Francisco, CA. Oct 23-27, 2011.
66. Lapar DJ, Zhao Y, Kron IL, Blank RS, **Lau CL**. Serum Levels of Endothelial Glycocalyx Degradation Products Correlate with Experimental Lung Ischemia-Reperfusion Injury: Potential subclinical biomarkers. 58th Annual Meeting of the Southern Thoracic Surgical Association, San Antonio, Texas Nov 9-12, 2011.
67. Taylor, MD, Nagji AS, Petroni GR, Theodosakis N, Kozower BD, **Lau CL**, Jones DR. Predictors of Recurrence Following an R0 Resection for Non-Small Cell Lung Cancer. 58th Annual Meeting of the Southern Thoracic Surgical Association, San Antonio, Texas Nov 9-12, 2011.
68. Jones DR, Wei C, Kozower BD, **Lau CL**, Stukenborg GS. Pathologic Lymph Node Ratios Superior to Nodal Staging as a Prognostic Indicator of Survival in Esophageal Cancer. Analysis 58th Annual Meeting of the Southern Thoracic Surgical Association, San Antonio, Texas Nov 9-12, 2011.
69. Lapar DJ, Mulloy DP, Stone ML, Crosby IK, **Lau CL**, Kron IL, Ailawadi GA. Concomitant Tricuspid Valve Surgery Affects Outcomes Following Mitral Operations: A Multi-Institutional, Statewide Analysis. 58th Annual Meeting of the Southern Thoracic Surgical Association, San Antonio, Texas Nov 9-12, 2011.
70. Zhao Y, Steidle J, Kron IL, **Lau CL**. Prevention of the Second Stage of Epithelial Loss is a Potential Novel Treatment for Bronchiolitis Obliterans. STS 48th Annual Meeting, Fort Lauderdale, Florida Jan 28-Feb 1. 2012
71. Lapar DJ, Bhamidipati CM, **Lau CL**, Jones DR, Kozower BD. The Society of Thoracic Surgeons General Thoracic Database: Establishing Generalizability to National Lung Cancer Resection Outcomes. STS 48th Annual Meeting, Fort Lauderdale, Florida Jan 28-Feb 1. 2012
72. David A. Harris, Yunge Zhao, Damien J. LaPar, Abbas Emaminia, John F. Steidle, Mark Stoller, Joel Linden, Irving L. Kron, **Christine L. Lau**. Inhibiting Fibrocyte Attenuates Bronchiolitis Obliterans in a Murine Tracheal Transplant Model. Presented at the American Association for Thoracic Surgery's 92nd Annual Meeting, San Francisco, California. April 28 to May 2, 2012.
73. Yount KW, Weiss E, Kron IL, Jones DR, Kozower BD, **Lau CL** Kaizen and Lean Thinking In Thoracic Surgery Operating Rooms: The Results Of A Pilot Study. 59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, Florida Nov 7-10, 2012.

74. Gillen JR, Zhao Y, Harris DA, Kron IL, **Lau CL** mTOR Inhibition Blocks Fibrocyte Migration and Attenuates Bronchiolitis Obliterans in a Murine Heterotopic Tracheal Transplant Model. 59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, Florida Nov 7-10, 2012.
75. Taylor MD, Lapar DJ, Davis JP, Kozower BD, **Lau CL**, Jones DR. Induction Chemoradiotherapy Versus Surgery Alone for Esophageal Cancer: Comparison of Perioperative and Postoperative Outcomes 59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, Florida Nov 7-10, 2012.
76. Lapar DJ, **Lau CL**, Ailawadi G, Kern JA, Kron IL. A Protocol Driven Approach to Cardiac Reoperations Reduces Mortality and Cardiac Injury at the Time of Resternotomy. 59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, Florida Nov 7-10, 2012. 59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, Florida Nov 7-10, 2012.
77. Hu, Y, Ezekian B, Jones DR, Schirmer, **Lau CL**, Burks S, Kozower BD. Long-Term Patient Satisfaction and Medication Dependence After Antireflux Surgery. 59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, Florida Nov 7-10, 2012.
78. Lapar, DJ, **Lau CL**, Kern JA, Kron IL, Ailawadi G Effects of gender, race, socioeconomic status, and primary payer type on treatment allocation for mitral repair versus replacement: a propensity analysis. 59th Annual Meeting of the Southern Thoracic Surgical Association, Naples, Florida Nov 7-10, 2012.
79. Yount KW, Reames BN, Kensinger CD, Boeck MA, Thompson PW, Forrester JD, Upchurch GR, Gauger PG, Kron IL, **Lau CL**. Resident Awareness of Documentation Requirements and Reimbursement: A Multi-institutional Survey. STS 49th Annual Meeting, Los Angeles, California Jan 26-30, 2013.
80. Gillen, JR, Zhao Y, Harris DA, Kron IL, **Lau CL** Intermittent rapamycin dosing preserves airway epithelium and protects against bronchiolitis obliterans in a murine model. STS 49th Annual Meeting, Los Angeles, California Jan 26-30, 2013.
81. Stone, ML, Mulloy D, Laubach VE, **Lau CL**, Kron IL. Ex Vivo Lung Perfusion with Concomitant Adenosine 2A Receptor Agonism Treatment Provides a Superior Strategy for Non-heart-beating Lung Rehabilitation. AATS 93rd Annual Meeting, Minneapolis, MN April 28 to May 2, 2013.
82. Gillen, JR, Zhao Y, Harris DA, Kron IL, **Lau CL**. Stem cell therapy to prevent bronchiolitis obliterans. AATS 93rd Annual Meeting, Minneapolis, MN April 28 to May 2, 2013.
83. Yount, KW, Gillen, JR, Kron IL, Kern JA, Kozower BD, Ailawadi G, Jones DR, **Lau CL**. Attendings' Performing Simultaneous Operations in Academic Cardiothoracic Surgery Does Not Increase Operative Duration Or Negatively Affect Patient Outcomes. AATS 94th Annual Meeting 2014.
84. N. Pope, M. Salmon, W. Johnston, G. Lu, **C. L. Lau**, G. Upchurch, G. Ailawadi Interleukin-6 Is Critical to Experimental Thoracic Aortic Aneurysm Formation. STS Annual Meeting, 2015.
85. K. Yount, L. T. Yarboro, R. Thiele, R. K. Ghanta, I. L. Kron, G. Ailawadi, J. A. Kern, **C. L. Lau**; Rotational Thromboelastometry Decreases Blood Product Transfusion in High-Risk Patients Undergoing Cardiac Surgery. STS Annual Meeting, 2015.
86. K. Yount, **C. L. Lau**, L. T. Yarboro, R. K. Ghanta, I. L. Kron, J. A. Kern, G. Ailawadi. Late Operating Room Start Times Impact Mortality and Cost for Nonemergent Cardiac Surgery STS Annual Meeting, 2015.

87. K. Yount, J. M. Isbell, Z. Dietch, G. Ailawadi, I. L. Kron, J. A. Kern, **C. L. Lau**. Risk-Adjusted Bundled Care in Cardiac Surgery: Is It Feasible? STS Annual Meeting, 2015.
88. Jacob R Gillen; Tracey R Hoke; Bruce D Schirmer; Michael D Williams; **Christine L Lau**. Using Interdisciplinary Workgroups to Educate Residents in Systems Based Practice and Quality Improvement and Quality Improvement" 2015 Academy of Distinguished Educators (ADE) Session 2015.
89. Beller JP; Hawkins RB; Mehaffey JH; Chancellor WZ; Teaster R; Walters DM; Krupnick AS; Davis RD; **Lau CL**. Poor Performance Flagging is Associated with Fewer Transplants at Centers Flagged Multiple Times. ISHLT, Nice France, April 11-14, 2018.
90. **Lau, CL**; Beller JP; Boys JA; Zhao Y; Phillips J; Cosner M; Petroni G; Charles EJ; Mehaffey JH; Kron IL, Krupnick AS; Linden J. First in Human: Adenosine A_{2A} Receptor Agonist (Regadenoson) in Lung Transplantation AATS 99th Annual Meeting, Toronto Canada, May 4-7, 2019.

Other Brief Communications

1. **Lau CL**, Kron IL. The physiologic basis of surgery; Eds. O'Leary & Tabuenca, 4th Edition. JAMA, 2008; 300 (9): 1086-1087.

Published Multimedia

1. http://www.ctsnet.org/sections/clinicalresources/videos/vg2009_LauC_CarinalResectn.htm
2. http://www.healthsystem.virginia.edu/internet/news/archives09/oxygen_therapy.cfm
3. <http://www.thedoctorschannel.com/video/858.html?specialty=9>
4. [Juggling it all. Front cover of Virginia Business Sept 2015](#)

Major Invited Speeches

1. **Lau CL** Duke University Medical Center General Surgery Ground Rounds Xenotransplantation 2002
2. **Lau CL**. UNOS Form 7 Region Conference Invited Speaker. Non-Heart Beating Lung Donors. May 1, 2003. Chicago, Ill.
3. **Lau CL**. Michigan's Lung Transplant Program. Invited Talk University of Michigan Grand Rounds 2006, Ann Arbor, MI.
4. **Lau CL**. Women in Surgery Career Conference at Duke University - March 13-14, 2008
5. **Lau CL** Women in Medicine 2008 program (March 31, 2008) - "Dancing as Fast as I Can: Panel of Junior/MidLevel Women Faculty"
6. **Lau, CL**. Lung Transplantation at UVA Invited Talk University of Virginia Anesthesia Grand Rounds July 16th, 2008, Charlottesville, VA.
7. **Lau CL**. Current Status of Lung Transplantation. Invited Talk University of Virginia Surgical Grand Rounds 2008, Charlottesville, VA.
8. **Lau CL**. Lung Cancer Staging. Invited Talk American College of Surgeons 2008, San Francisco, CA.
9. **Lau CL**. Esophageal Board Review. Invited Talk American College of Surgeons 2008, San Francisco, CA.
10. **Lau CL**. Bilateral Lung Transplantation. American College of Surgeons 2008, San Francisco, CA.

11. **Lau CL.** Why Chose Thoracic Surgery? Invited Talk American College of Surgeons 2008, San Francisco, CA.
12. **Lau CL** Esophageal Cancer. Invited Talk AAMA and VSMA Augusta Community Center 2008 Fishersville, VA
13. **Lau CL.** Lung Transplantation. Invited Talk. Dartmouth Surgical Grand Rounds 2/09, Hanover, NH.
14. **Lau, CL.** Current Issues in Lung Transplantation. Invited Talk. Muller-Jones Society 6/09, Charlottesville, VA.
15. **Lau, CL** Ischemia-Reperfusion in Lung Transplantation. Invited Talk Vanderbilt Medical Center Pulmonary Research Rounds 6/09 Nashville, TN.
16. **Lau CL.** What is New in Lung Ischemia-Reperfusion Injury. Thoracic Surgery Skills Course. 90th Annual Meeting of the American Association for Thoracic Surgery, Toronto, ON, Canada. May 1-5, 2010.
17. **Lau CL.** Adenosine Signaling in Lung Transplant Injury. General Thoracic Biology Club at AATS. Toronto, ON, Canada. May 1, 2010.
18. **Lau CL.** Thoracic Surgery. Johns Hopkins Bayview Grand Rounds. May 17, 2011. Baltimore, MD.
19. **Lau CL.** Women in Surgery. Covidien Women in Surgery Conference. June 10th, 2011 Charlottesville, VA.
20. **Lau, CL.** What's Happening Currently in Lung Transplantation. Shanghai Pulmonary Hospital Grand Rounds. September 23, 2011. Shanghai, China.
21. **Lau, CL.** Teaching an Old Dog New Tricks: MD/MBA, Physician Leadership and why it is so Important. Wake Forest Baptist Medical Center Grand Rounds. July 11, 2013. Winston-Salem, NC.
22. **Lau, CL.** Interviewing and Self-Marketing; Residents Symposium. STS 50th Annual Meeting 2014.
23. **Lau, CL.** Surgical Techniques in Lung Cancer: Duke Lung Cancer Symposium, Staunton, VA, Nov 2014.
24. **Lau, CL** Keys to a Successful Interview. Residents Symposium: Transitioning from Residency to a Successful Practice. STS 51th Annual Meeting 2015.
25. **Lau, CL** CMS/UNOS Calling How to Emerge from Regulatory Hell. American Association for Thoracic Surgery 95th Annual Meeting, April 25 - 29, 2015, Seattle, WA.

Invited Paper Discussant at Meetings/ Session Chair

1. Invited chair on session of gastroesophageal reflux and lung transplantation. International Society of Heart and Lung Transplantation, April 2008 meeting
2. Oncologic Utility of Anatomic Segmentectomy for Stage 1 Non-Small Cell Lung Cancer in the Elderly –Southern Thoracic Surgical Association 55th Annual Meeting 2008
3. Inhibition of Apoptosis by Flaxseed in a Mouse Model of Lung Ischemia Reperfusion Injury
4. American College of Surgeons Annual Meeting 2008
5. Long acting oral phosphodiesterase inhibition preconditions against reperfusion injury in an experimental lung transplantation model
6. Eighty-eight Annual Meeting of The American Association for Thoracic Surgery, San Diego, CA 2008 (J Thoracic Cardiovascular Surgery 2009; 137; 1256-7)
7. Invited Chair Cardiothoracic Session. American College of Surgeons. October 2009

8. Effectiveness and risk of complications associated with intrapleural alteplase via tube thoracostomy
9. Fifty-six Annual Meeting of the Southern Thoracic Surgical Association, Marco Island, FL. 2009.
10. Invited Chair Thoracic Parallel Session. Society of Thoracic Surgeons. Forty-six Annual Meeting of the Society of Thoracic Surgeons, Ft. Lauderdale, FL. January 25-27, 2010.
11. Invited Chair Thoracic Parallel Session Southern Thoracic Surgical Association 57th Annual Meeting 2010
12. Invited Chair Thoracic Parallel Session Forty-seventh Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA Jan 31-Feb 2nd, 2011.
13. Invited Chair/Moderator thoracic surgery skill course. 91th Annual Meeting of the American Association for Thoracic Surgery, Philadelphia, PA. May 7-11, 2011.
14. Invited Chair. Thoracic Basic Science Session. STS 48th Annual Meeting, 2013.
15. Invited Moderator, Thoracic Basic Science Session, STSA 61st Annual Meeting, 2014.
16. Invited Discussant. Ask the Experts—Esophageal Benign Disease. STS 51st Annual Meeting 2015.
17. Invited Discussant “The use of high-risk donors decreases one-year survival in high-risk lung recipients. A review of the United Network of Organ Sharing Database" AATS 95th Annual Meeting 2015.