**CURRICULUM VITAE**

**Name:**  Paul C. Kuo, M.D., M.S., M.B.A., F.A.C.S., A.B.P.M.-CI

**Work Address:** USF Dept. of Surgery

 2 Tampa General Circle (5th Fl Mailroom)

 Tampa, FL 33606

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 pkmd001@gmail.com

**Education:**

 1982 B.A.-Human Biology with Honors, Johns Hopkins University, Baltimore, MD

 Phi Beta Kappa

 1985 M.D. Johns Hopkins University, Baltimore, MD

 Alpha Omega Alpha

2001 M.B.A. Carey Business School, Johns Hopkins University, Baltimore, MD

2011 M.S.-Health Informatics Northwestern University, Chicago, IL

2017 M.S.-Predictive Analytics DePaul University, Chicago, IL

2021 M.A.- Lib/Information Science University of South Florida, Tampa, FL

 Beta Phi Mu

2025 M.S.-Computer Science Georgia Institute of Technology, Atlanta, GA (in progress)

 Specialization- Machine Learning

**Postdoctoral Training:**

 Internship, Residency and Fellowships

* 1. Intern in General Surgery, Brigham & Women's Hospital;

Clinical Fellow in Surgery, Harvard University, Boston, MA

 1986-1987 Resident in General Surgery, Brigham & Women's Hospital,

Clinical Fellow in Surgery, Harvard University, Boston, MA

 1989-1991 Senior/Chief Resident in General Surgery, Brigham & Women's Hospital,

Clinical Fellow in Surgery, Harvard University, Boston, MA

 1991-1992 Fellow in Transplant/Hepatobiliary Surgery, BI-Deaconess Hospital

Clinical Fellow in Surgery, Harvard University, Boston, MA

 Research Fellowships

 1987-1989 Research Fellow in Surgery, Harvard Medical School, Boston, MA

 1992-1993 Research Fellow in Surgery, Harvard Medical School, Boston, MA

**Postgraduate Education:**

 1994 New England Biolabs Molecular Biology and Biotechnology Workshop, MA

1. Woods Hole Marine Biology Laboratory, Cell and Molecular Physiology Course, MA

1997 Business of Medicine Certificate Program,

Johns Hopkins University, Division of Business and Management, MD

2003 Genome Access Course, Cold Spring Harbor Laboratory, NY

1. Financial Reporting for Non-Financial Managers

Fuqua School of Business, Duke University, NC

 2006 Executive Development Seminar for Dept Chairs and Associate Deans

 Association of American Medical Colleges and Harvard Medical School

 2014 Epic Physician Builder Course (Basic and Advanced), Verona, WI

 Technical software training

 2016 Epic Physician Builder Analytics Course, Verona, WI

 Technical software training

**Appointments:**

 1993 to 1995 Assistant Professor of Surgery,

 Division of Transplantation Surgery

 Stanford University Medical Center, Stanford, CA

 1995 to 1998 Associate Professor of Surgery

 Division of Transplantation Surgery

 University of Maryland Medical Center, Baltimore, MD

 1998 to 2000 Professor of Surgery

 Chief, Kidney and Pancreas Transplantation

 Chief, Laparoscopic Surgery

 Division of Transplantation Surgery

 Georgetown University Medical Center, Washington, D.C.

 2000 to 2008 Professor of Surgery (with tenure)

 Chief, Section of Transplantation Surgery

 Duke University Medical Center, Durham, NC

 2003 to 2010 Professor of Surgery (with tenure)

 Chief, Division of General Surgery

 Vice Chairman for Research, Dept. of Surgery

 Duke University Medical Center, Durham, NC

 2010 to 2017 John P. Igini, M.D. Professor of Surgery (with tenure) Professor of Molecular Pharmacology and Therapeutics Chairman, Department of Surgery Loyola University Medical Center, Maywood, IL

 2010-2015 Attending surgeon, Hines VAH, Hines, IL

 2010-2015 Head, Oncology Research Institute, Cardinal Bernardin Cancer Center

 Loyola University Medical Center, Maywood, IL

 2011 to 2017 Adjunct Professor of Surgery (Research)

 Duke University Medical Center, Durham, NC

 2014 to 2017 Associate Chief Medical Informatics Officer

 Loyola University Medical Center, Maywood, IL

 2014 to 2017 Head, OnetoMAP Section of Clinical Analytics

 Dept. of Surgery

 Loyola University Medical Center, Maywood, IL

 2016 to 2017 Professor of Public Health Sciences Loyola University Medical Center, Maywood, IL

 2017-2022 Richard G. Connar Endowed Chair in Surgery

 Professor of Surgery (with tenure), Univ of South Florida

 Chairman, Department of Surgery, Univ of South Florida

 Surgeon-in-Chief/Chief of Surgery, Tampa General Hospital

 Professor of Information Systems and Decision Sciences,

 Univ of South Florida, Muma College of Business

 Associate Chief Informatics Officer- Surgical Services

 USF Faculty Practice

 Tampa, FL

 2022-present Professor of Surgery (with tenure),

 Assistant Dean for Research Program Development

 Univ of South Florida

 Chief of Surgery, Tampa General Hospital

 Professor of Information Systems and Decision Sciences,

 Univ of South Florida, Muma College of Business Associate Chief Informatics Officer- Surgical Services

 USF Faculty Practice

 Tampa, FL

**Military Service:**

 2014 to 2019 United States Army Reserve Medical Corps

 General Surgery; LTC O5; 61J

 909th Forward Surgical Team, 801st Combat Support Hospital

 Fort Sheridan, IL

 12/2016- 3/2017 697th FST/GHOST Team

 Afghanistan, Operation Freedom’s Sentinel

2019- present United States Army Reserve Medical Corps

 General Surgery; COL O6; 61J

 909th Forward Surgical Team, 801st Combat Support Hospital

 Fort Sheridan, IL

10/2019- 3/2020 909th FST/GHOST Team

 Afghanistan, Operation Freedom’s Sentinel

2022-present United States Army Reserve Medical Corps

 General Surgery/Trauma Surgery; COL O6; 61JM4

 909th Forward Surgical Team, 801st Combat Support Hospital

 Fort Sheridan, IL

**Licensure and Certification:**

 1992 Diplomate, American Board of Surgery (37602)

 1993 Certificate of Added Qualifications in Surgical Critical Care (1209)

2001 American College of Surgeons Ultrasound Certification Level 2

 2002-2013, 2013-2023 Recertification, American Board of Surgery (37602)

 2003-2014, 2014-2024 Recertification, Surgical Critical Care (1209)

 2011-2014, 2014-2017 Certified Professional in Healthcare Information and Management Systems (CPHIMS; 2031328/2201)

 2014-2024 Diplomate, Clinical Informatics, American Board of Preventive Medicine (070051)

 2014-present Epic Physician Builder (Basic and Advanced) Certification

 2016-present Epic Physician Builder Analytics Certification (Epic 2015)

 2018-present Physician Builder and Clinical Content Builder (Epic 2018)

 1985 New York Medical License (164145)

 1987 Massachusetts Medical License (57275)

 1993 California Medical License (A051929)- Active

 1995 Maryland Medical License (D47376)

 1998 District of Columbia Medical License (MD30832)

1. North Carolina Medical License (200001398)

 2010 Illinois Medical License (036126594)- Active

 2015 Washington Medical License (MD60530028)- Active

 2017 Florida Medical License (ME134233)- Active

**Awards and Honors:**

 1979 Kodak Corporation Merit Scholarship (Declined)

 General Motors Corporation Merit Scholarship (Declined)

 1980-85 Human Biology BA/MD Program, Johns Hopkins University

 1982 Phi Beta Kappa Honor Society

 1985 Alpha Omega Alpha Honor Society

 Mosby Medical Textbook Award

 1987 Medical Textbook Award for Excellence in Teaching,

 Department of Surgery, Brigham & Women's Hospital

 1991 Medical Textbook Award for Excellence in Teaching,

 Department of Surgery, Brigham & Women's Hospital

 1995 Fellow’s Prize International Liver Transplant Society/LICAGE Joint Congress, London

 1996 JMT Finney Lecturer, Medical and Chirurgical Faculty of Maryland

 1998 John Horsley Memorial Prize, University of Virginia (Senior author)

1998 American Society of Transplant Surgeons Roche Presidential Award

 2000 Georgetown University Medical Center, Dept. of Surgery,

 Chief Residents’ Faculty Teaching Award

 2003 Who’s Who in America, 58th Edition

1. America’s Top Surgeons, Consumers’ Research Council of America
2. Strathmore’s Who’s Who

2005 Academic Keys Who's Who in Medical Sciences Education

2005 Selected Participant- Gordon Research Conference: SIBLING Proteins

2005 Best Doctors in America 2005-2006

2006 Best Doctors in North Carolina

2007 America’s Top Surgeons

2007 Best Doctors in North Carolina

2007 AHPBA Young Investigator Award (Mentor)

2007 Cambridge Who’s Who Professional Registry

2007 Best Doctors in America 2007-2008

2008 Best Doctors in North Carolina

2009 Best Doctors in America 2009-2010

2009 Best Doctors in North Carolina

2010 Duke University Hospital Strength, Hope and Caring Award

2010 Best Doctors in America 2011-2012

 2014, 2016, 2018, 2021 Chicago Magazine Top Doctors

 2014 America’s Top Doctors

 2015 Newsweek Health: Top Cancer Doctors

2015 Best Doctors in America 2015-2016

2019, 2020, 2022 Tampa Bay Metro Top Doctors

2022 Educator of the Year, USF Dept. of Surgery

2022 Attending of the Year, USF Dept. of Surgery

**Military Awards and Honors:**

 Army Reserve Component Achievement Medal

National Defense Service Medal

  Army Service Ribbon

Army Overseas Service Ribbon

Armed Forces Reserve Medal-M

Global War on Terrorism Service Medal

Afghanistan Campaign Medal-CS

NATO Medal- Resolute Support

**Grant Support:**

 Peer-reviewed:

 1987-1988 Principal Investigator,

 Project title: Fatty acyl modification of plasma membranes and LDL metabolism

 American Heart Association, Massachusetts Affiliate Research Fellowship

 1987-1989 Principal Investigator,

 Project title: Fatty acyl modification of plasma membranes and LDL metabolism

 NIH F32HL007700

 1993-1995 Principal Investigator

 Project title: Hepatocyte production of nitric oxide

 American Society of Transplant Surgeons- Ortho Faculty Development Award; $60,000.

 1996-1997 Co-Investigator

 Project title: Extracorporeal membrane oxygenation to improve graft survival from controlled non-heartbeating donors for liver

 transplantation in a porcine model

 University of Maryland Intramural Clinical Investigator Grant; $7,500.

 1996-1997 Co-Investigator

 Project title: The pathophysiologic and molecular mechanisms of intracranial hypertension in a rat model of ischemia-induced fulminant hepatic failure

 University of Maryland Intramural New Investigator Grant; $15,000.

 1998-2003 Principal Investigator

 Project title: Redox regulation of hepatocyte iNOS expression

 NIH R29 AI44629; $500,225.

 1998-2003 Principal Investigator

 Project title: Oxidative stress transcriptionally regulates hepatocyte iNOS expression: Isolation and characterization of a redox sensitive transcription factor

American College of Surgeons, George H. A. Clowes, M.D. Memorial Research Career Development Award; $200,000.

* 1. Site Investigator (Agreement R6476412805)

Project title: Transitional Multi-Site HIV+ Kidney Transplant Study

NIH AI40166; $34,810

 2002-2007 Principal Investigator

Project title: NO induces osteopontin, a potent trans-repressor of iNOS

NIH R01 GM65113; $1,034,880.

 2003-2009 Principal Investigator

 Project title: Hepatocyte iNOS expression is redox regulated by HNF-4

NIH R01 AI44629; $1,732,000.

 2004-2009 Principal Investigator

 Project title: Training in the biology of injury and inflammation

NIH T32 GM069331; $648,291.

2005-2010 Faculty

 Project title: Duke Training Grant in Digestive Disease and Nutrition

 NIH T32 DK007568

 (Anna Mae Diehl, M.D.-PI)

* 1. Faculty

Project title : Integrated Training in Anesthesia Research

NIH T32 GM08600

(David Warner, M.D.- PI)

* 1. Co-Investigator

Proteome mining as a predictive tool of drug toxicity

NIH R01 GM075835

(Timothy Haystead, Ph.D.- PI)

 2006-2009 Principal Investigator

Project title: Redox mediated p300 regulation of hepatocyte NF-κB

NIH R21 DK070642 ; $387,500

* 1. Principal Investigator

Project title: Osteopontin regulates ubiquitin-proteasome degradation of STAT1

Dean-Duke School of Medicine Bridge Funding; $50,000

* 1. Principal Investigator

Project title: Osteopontin regulates ubiquitin-proteasome degradation of STAT1

NIH Director’s Bridge Award NIH 2R56 GM065113-05A1; $262,080

2008-2009 Co-Investigator

 Project title: Use of an S-nitrosylating agent to optimize kidney obtainment and preservation for transplant

 Duke Translational Research Institute Pilot Project

 (James Reynolds, PhD- PI)

2008- 2012 Faculty

 Project title: Translational research in surgical oncology

 NIH T32 CA093245

 (H. Kim Lyerly, M.D.- PI)

* 1. Principal Investigator

Project title: Osteopontin regulates ubiquitin-proteasome degradation of STAT1

NIH R01 GM065113; $1,220,356

 2009-2014 Principal Investigator (relinquished with the move to Loyola)

 Project title: Training in the biology of injury and inflammation

NIH T32 GM069331 ; $648,291.

* 1. Preceptor / Principal Investigator (Jovan Markovic- Research Fellow)

Project title: Genomics of primary and chronic insufficiency

American College of Phlebology; $45,000

* 1. Principal Investigator

 Project title: Osteopontin aptamer inhibits breast cancer metastasis

 Duke CTSA/Duke Translational Research Institute Pilot Project

NIH UL1 RR024128; $96,928

* 1. Co-Principal Investigator (with Diana McNeill, M.D., Dept of Medicine)

Project title: Calling for Collaboration

Duke GME Innovation Fund; $80,328.

* 1. Principal Investigator

 Project title: Optimization of osteopontin aptamer targeting for breast cancer therapy

 JJR Foundation Grant; $50,000.

2010-2011 Co-Principal Investigator (with Joshua Broder, MD)

 Project title: Comprehensive educational, clinical decision support, and monitoring system for efficient use of diagnostic ionizing radiation: an educational and patient safety initiative.

Duke GME Innovation Fund; $5,500

 2010-2017 Principal Investigator

Cardinal Bernadin Cancer Center; Kelly Endowment, Cancer Center Endowment, and Speh Endowment

 2011-2013 Co-Investigator (PI: Claudio Osipo, PhD)

 Project title: Therapeutic opportunities using Notch inhibitors in PEA3- overexpressing triple negative breast tumors.

 IDPH- Ticket for the Cure; $200,000

 2012-2015 Principal Investigator

 Project title: Aptamer targeting of osteopontin in hepatocellular cancer

 NIH 1R21CA155306-01A1; $410,000

 2013-2015 Co-Principal Investigator

 (with Jiwang Zhang, Ph.D. and Diana Wagner, Ph.D.)

 Developing an ectopic bone marrow niche for leukemia stem cell research.

 Loyola-Notre Dame Cancer Research Development Grant; $50,000

 2015-2020 Principal Investigator (with Matthias Majetschak, M.D.)

Project title: Training in trauma and burn research

NIH T32GM08750-16; $963,520

2015-2016 Faculty Sponsor (Lindsay Gil and Max Drescher- Principals)

 Health Career Academy Program Initiation Grant

 Aetna Division of Racial and Ethnic Equality

2016-2017 Faculty Sponsor (Lindsay Gil and Max Drescher- Principals)

 Health Career Academy Program Continuation Grant

 Aetna Division of Racial and Ethnic Equality

2022-2026 Co-Investigator (with Ji Li, PhD- PI)

 Project title: Activated protein C in acute injury

 VA Merit Review; $1,200,000

2022-2023 Principal Investigator

Project title: Personalized cost-effectiveness of novel Da vinci surgical system for abdominal surgery technologies

Intuitive Foundation; $60,000

Pending:

2022-2027 MPI (with Matthias Majetschak, PhD)

 Surgeon-scientist research training in the pathobiology of injury and critical illness

 NIH 1 T32 GM144274-01; $1,291,988

Industry sponsored:

2002-2004 Site Investigator (CERL080A2405-US01)

Myfortic Kidney Transplant Study

Novartis

2002 Site Investigator

An Open-Labeled, Comparative, Randomized Trial Of Zenapax Versus Thymoglobulin In Combination With Steroids, Tacrolimus And MMF For Prevention Of Acute Pancreas Rejection in Pancreas Transplant Recipients

Sangstat

 2003-2004 Site Investigator (CFTY720-0125)

 FTY720 Kidney Transplant Study

 Novartis

 2003-2004 Site Investigator (02-0-158)

 Sustained Release Tacrolimus Kidney Transplant Study

 Fujisawa

 2003 Site Investigator (STN-ML17140)

 Rapamycin/Mycophenolate And Calcineurin Withdrawal Kidney Transplant Study

 Roche

 2003 Site Investigator (SMC-101-1025)

 Thymoglobulin And Steroid Withdrawal Kidney Transplant Study

 Sangstat/Genzyme

1. Site Investigator (0468H1-101497)

Project Title : ORION-Randomized Open-Label Study To Compare The Safety And Efficacy Of Two Sirolimus Regimens In Renal Allograft Recipients.

 Wyeth-Ayerst

1. Site Investigator

A phase II, Randomized, Open-Label, Parallel Group, Multi-Center STudy to Assess the Safety and Efficacy of Prograf/FK778 and Prograf/MMF in Kidney Transplant Recipients

Fujisawa

 2004 Site Investigator

A Phase II, Randomized, Open-Label, Two-Arm, Parallel Group, Multi- Center Study to Assess the Efficacy and the Safety of FK778 Compared with the Standard Care in Renal Transplant Recipients with Biopsy-Diagnosed Polyomavirus Nephropathy

Fujisawa

1. Site Investigator

INTAC Trial: Phase IV trial of Campath 1H, Simulect or Thymoglobulin.

Fujisawa

2005 Site Investigator (0468H1-101497)

A Randomized Open-Label Study to Compare the Safety and Efficacy of Two Different Sirolimus Regimens with a Tacrolimus + Mycophenolate Mofetil Regimen in De Novo Renal Allograft Recipients Wyeth

1. Site Investigator

A 6-Month, Phase 2, Multicenter, Randomized, Open-Label, Comparative Study of 2 Dose Levels of CP-690-550 Administered Concomitantly With IL-2 Receptor Antagonist Induction Therapy, Mycophenolate Mofetil and Corticosteroids Versus a Tacrolimus-Based Immunosuppressive Regimen for the Prevention of Allograft Rejection in De Novo Renal Allograft Recipients

Pfizer

2005 Site Investigator (0468H1-318-WW)

 A Randomized, Open-Label, Comparative Evaluation of the Safety and Efficacy of Sirolimus versus Cyclosporine when Combined in a Regimen Containing Basiliximab, Mycophenolate Mofetil, and Corticosteriods in Primary De Novo Renal Allograft Recipients Protocol Wyeth

1. Site Investigator

A Phase IIB, Randomized, Multicenter, Open-Label, Concentration-

Controlled, Safety Study of ISA247 and Tacrolimus (Prograf) in De Novo Renal Transplant Patients (ISA05-01)

Isotechnika

1. Principal Investigator

Training Curriculum Development.

Diomed

2007 Site Investigator

 Belatacept Conversion Trial in Renal Transplantation (BENEFIT)

 Bristol Myers Squibb

2007 Site Investigator

Randomized Double Blind Study To Assess The Efficacy Of Maribavir Vs Oral Ganciclovir For The Prevention Of CMV Disease In OLT Recipients

 Viropharma

2007 Site Investigator

A Phase 2, Randomized, Open-Label, Parallel Group, Multi-Center Study to Assess the Safety and Efficacy of Alefacept in de novo Kidney Transplant Recipients

Astellas

 2007 Site Investigator

A 12-Month Open-Label, Randomized, Multicenter, Sequential Cohort, Dose Finding Study To Evaluate The Efficacy, Safety And Tolerability Of Oral AEB071 Versus Tacrolimus In Combination With Myfortic, Simulect And Corticosteroids In De Novo Adult Renal Transplant Recipients

 Novartis

 2008 Site Investigator

A Phase 2/3 Randomized Open Label Active Controlled Multicenter Trial to Evaluate the Safety and Efficacy of Efalizumab compared with Cyclosporine in De Novo Renal Transplantation

Genentech

 2008 Site Investigator (CRAD001 A 2401)

 A Facilitated Access Program To Provide Everolimus For Maintenance For Patients Completing Therapy In RAD Trails In Solid Organ Transplantation

 Novartis

 2009 Site Investigator (0468E8-4500-WW)

 Planned Transition to Sirolimus-based Therapy versus Continued Tacrolimus-based Therapy in Renal Allograft Recipients.

 Wyeth

 2008 Site Investigator (CRAD001H2304)

A 24 month multi-center, open-label, randomized controlled study to evaluate the efficacy and safety of concentration-controlled Everolimus to eliminate or to reduce tacrolimus compared to tacrolimus in de novo liver transplant recipients

 Novartis

 2009 Site Investigator

 A Phase 3, Open-Label, Multicenter, Prospective, Randomized Study of the Efficacy and Safety of Conversion from Prograf Capsules Twice Daily to LCP-Tacro Tablets Once Daily for the Prevention of Acute Allograft Rejection in Stable Kidney Transplant Patients

 Life Cycle Pharma

 2010 Site Investigator (CRAD001AUS92)

 A 12 month multi-center randomized open-label non-inferiority study comparing the safety and efficacy of concentration-controlled Everolimus with low dose tacrolimus to Cellcept with std dose tacrolimus in de novo renal transplant recipients

 Novartis

 2010 Site Investigator (QRK.006)

Controlled, randomized, prospective double-blind multicenter phase I/II dose escalation trial of 15NP for prophylaxis of DGF in deceased donor kidney transplantation

 Quark Pharmaceuticals

 2020 Site Investigator

 Viral infection and respiratory illness universal study: Covid-19 registry

 and validation of C2D2 (Critical Care Data Dictionary)

 PI- Rahul Kashyap, MBBS/MBA- Mayo Clinic

**Patent and Trademark Applications:**

 Aptamer inhibitors of osteopontin and methods of use thereof

 WO 2009102438 A2; CA2714535A1, EP2247731A2, US20110190386, WO2009102438A3

 Paul C Kuo, Zhiyong Mi, Hongtao Guo

Aptamer targeting ADAM8 (A Disintegrin and Metalloproteinase Domain-containing protein 8)

 Pau C. Kuo, Zhiyong Mi

 OnetoMAP

 Trademark application;FTK97620052

 Paul C. Kuo

**Professional and Scientific Societies:**

Councilor/Recorder- Society of Asian Academic Surgeons (2011-2013)

 President Elect- Society of Asian Academic Surgeons (2015-2016)

 President - Society of Asian Academic Surgeons (2016-2017)

 Society of Critical Care Medicine

 Transplantation Society

 Association for Academic Surgery

 American Society of Transplant Surgeons

 Southwestern Surgical Congress

 International Liver Transplant Society

 Society for Surgery of the Alimentary Tract

 Society of University Surgeons

 Fellow, American College of Surgeons

 SAGES

 National Kidney Foundation

 Surgical Biology Club II

 Southern Surgical Association

 American Hepatopancreaticobiliary Association

 American Association for the Study of Liver Disease

 American Surgical Association

 Sabiston Surgical Society

 Society of Clinical Surgery

 International Society of Surgery

 Society of Surgical Oncology

 Halsted Surgical Society

 Society of Surgical Chairs

 Society of Asian Academic Surgeons

 Central Surgical Association

 Chicago Surgical Society

 Illinois Surgical Society

 Midwest Surgical Association

 Western Surgical Association

 AMDIS

**Editorial Board Membership:**

 Editor- Transplant News Network (1997-2001)

 Editor- Advances in Renal Replacement Therapy (1998-2004)

 Editorial Board- Transplantation (1999-2008)

 Contributing Editor- Medscape Transplantation Journal Scan (2000)

 Editorial Review Board- American Journal of Transplantation

 (2001-2010)

 Editorial Board- Journal of Surgical Research (2001-2004)

 Editorial Board- The Open Breast Cancer Journal (2008-present)

 Editorial Board- Journal of Gastrointestinal Surgery (2008-2010)

 Editorial Board- Journal of the American College of Surgeons

 (2006-present)

 Editorial Board- Journal of Transplantation (2008-present)

 Editorial Board- World Journal of Clinical Oncology (2010-present)

 Editorial Board- World Journal of Experimental Medicine (2011- present)

 Editorial Board- World Journal of Medical Genetics (2011- present)

 Editorial Board- International Journal of Biochemistry and Molecular

 Biology (2011-present)

 Review Board- Journal of Healthcare Information Management

 (2011-present)

 Editorial Board- Oncology Discovery (2012-present)

 Editorial Board (SUS representative)- Surgery (2013-present)

 Deputy Editor- Cureus/Flagship (2021-present)

 Editorial Board- JZYM (2022-2024)

Editorial Board- Annals of Laparoscopic and Endoscopic Surgery (2022-2024)

 Ad hoc reviewer- Journal of Surgical Research, Transplantation, Gastroenterology, Surgery, Liver Transplantation, Toxicological Sciences, Urology, Journal of Pathology, Proteomics, Journal of the American College of Surgeons, Journal of Immunology, Hepatology, Annals of Surgery, Carcinogenesis, Biological Chemistry, Journal of Hepatology, Neuro-Oncology, Oncogene, Experimental Cell Research, Digestive Disease and Sciences, Cancer Research

**Grant Reviews:**

 Ad hoc reviewer- VA Merit Review Grants

 National Institutes of Health- NIDDK

 National Institutes of Health- NIGMS

 SAT study section

 National Institutes of Health- NIGMS

 Minority Biomedical Research Support

 National Institutes of Health- NIGMS

 SEP- Trauma and Burn P50 Centers

 National Institutes of Health- NIGMS

 SEP- Trauma and Critical Care

 Institutional Training Grants

 National Institutes of Health- NIAID

 SEP- Transplant P50 Centers

 Austrian Science Fund

 Health Research Board, Ireland

 Philip Morris External Research Program

 Deployment Related Medical Research Program

 National Institutes of Health- NCI Oncology 2 - Translational Clinical IRG

 National Institutes of Health- Surgical Sciences, Biomedical Imaging and Bioengineering IRG

 National Institutes of Health-SEP

 NIDDK Central Repositories

 Non-renewable Sample Access

 National Insitutes of Health- NCATS NIH-

 Industry Pilot Program: Discovering

 New Therapeutic Uses for Existing

 Molecules

 National Institutes of Health- SEP

 Utility of Extracellular RNA for Therapy Development

 National Institutes of Health- NIGMS T32 Review Panel

**Committee Activity- National:**

 Program and Publications Committee,

 American Society of Transplant Surgeons (1995-1996)

 Newsletter Committee,

 American Society of Transplant Surgeons (1996-2010)

 Scientific Studies Committee,

 American Society of Transplant Surgeons (1997-1999)

 Abstract Review Committee, Annual Scientific Meeting

 American Society of Transplant Surgeons (1998)

 UNOS Scientific Advisory Committee (1999-2002)

 UNOS Tumor Advisory Committee (1999-2002)

 Membership Committee, SAGES (1999-2005)

 Membership Committee, Society of University Surgeons (2000)

Publications Committee, Society of University Surgeons (2000- 2003)

 Education Committee, American Society of Transplant Surgeons

 (2002-2005)

 NIH- Humoral rejection workshop- Basic Science Committee (2003)

 AASLD Journals Publication Committee (2005-2007)

Membership Committee, American Society of Transplant Surgeons (2005-2008)

 Research and Education Committee, AHPBA (2005-2006)

 Audit Committee, AHPBA (2006-2007)

 Business Advisory Committee, ASTS (2007-2010)

 AASLD Representative- GI Society Task Force on Sedation (2008)

 Grantsmanship Program Mentor, SUS (2011-12)

 CRI Cancer Immunotherapy Consortium (2011-present)

 Associate Board Examiner, American Board of Surgery (2012-present)

 Organizing Committee, FASEB Osteopontin Biology Summer Conference 2015 (2012-present)

 Society of University Surgeons Executive Council (2013-2016)
 ASTS, Membership & Workforce Committee (2013-2016)

 American College of Surgeons, Informatics Committee (2013-2016)

 American College of Surgeons, EHR Subcommittee (2013-2016)

 Society of University Surgeons, Planning Committee, Mid-Career Academic Surgery Professional Development Course (2013-2014)

 SWOG GI Cancer Committee (2013-present)

 Central Surgical Association, Program Committee (2014-2017)

 American College of Surgeons, EMR Executive Committee (2015- present)

 Illinois Surgical Quality Improvement Collaborative (ISQIC) Research Committee (2016)

 Central Surgical Association Auditing Committee (2017-2018)

 Midwest Surgical Association Editorial Committee (2022-

Central Surgical Association Nominating Committee (2022-

 Chair-Scientific Studies Committee,

 American Society of Transplant Surgeons (1999-2002)

 Chair-Abstract Review Committee, New Immunosuppression,

 ASTS-AST Transplant 2000 Meeting (2000)

 Chair- Re-evaluating clinical endpoints for chronic rejection,

 AST-ASTS Consensus Conference (2001)

 Chair-Abstract Review Committee, Immunosuppression- Preclinical Studies, ASTS-AST Transplant 2001 Meeting

 (2001)

 Chair- Transplant Drug Study Design,

 ASTS-AST Working Group (2001)

 Chair- Society of University Surgeons Genomics Workshop (2004)

 Chair- NIH- NIAID SEP Transplantation P50 Centers (2006)

 Co-Chair, Membership Committee, American Society of Transplant

 Surgeons (2006-2008)

 Chair- Audit Committee, AHPBA (2007-2008)

 Chair- Membership Committee, American Society of Transplant Surgeons (2008-2011)

 Director- Current Status of Renal Transplantation, Duke University (2008)

 Chair- Clinical Events Classification (CEC) Committee, ACTIONS Study, Jubliant Clinsys/MAQUET/Datascope Corp (2011- present)

 Chair- Central Surgical Association Local Arrangements Committee

 (2019)

 Abstract Reviewer- Digestive Disease Week/SSAT (2001)

 Abstract Reviewer- Transplant 2002 Economics/Public Policy (2002)

 Abstract Reviewer- Digestive Disease Week/SSAT (2003)

 Abstract Reviewer- ASTS Winter Symposium (2004)

 Abstract Reviewer- World Congress of Nephrology (2005)

 Grant Reviewer- ASTS/Roche Scientist Scholarship (2005)

 Grant Reviewer- AHPBA Research Fellowship (2005)

 Abstract Reviewer- World Transplant Congress (2006)

 Abstract Reviewer- American Transplant Congress (2010)

 Judge- Alpha Omega Alpha 41st Annual Scientific Research Symposium, Duke University (2010)

 Abstract Reviewer- American Transplant Congress (2011)

 Abstract Reviewer- American Transplant Congress (2013)

 Grant Reviewer- ASTS Grants Committee (2014)

 Moderator, Miscellaneous Section, Annual Scientific Meeting,

 American Society of Transplant Surgeons (1996)

 Moderator, Immunology III Section, Annual Scientific Meeting

 American Society of Transplant Surgeons (1998)

 Moderator, Liver Transplantation Section, Annual Scientific Meeting,

 American Hepato-Pancreatico-Biliary Assoc (1999)

 Moderator, Biliary Complications After Liver Transplant, American Hepato-Pancreatico-Biliary Assoc (1999)

 Moderator, Immunobiology II Section, Annual Scientific Meeting, American Society of Transplant Surgeons (1999)

Moderator, National Kidney Foundation-National Capitol Area

 Research Forum (1999)

Moderator, Immunosuppression Section, Annual Scientific Meeting,

 ASTS-AST Transplant 2000 (2000)

 Moderator, Immunosuppression Section: Basic Science, Annual

 Scientific Meeting, ASTS-AST Transplant 2001 (2001)

 Moderator, Meet-The-Professors, Topic: HIV and Transplantation

 ASTS-AST Transplant 2001 (2001)

Moderator, Topic: Ischemic injury and marginal donors: at what cost? ASTS Winter Symposium (2002)

Moderator, Topic: Liver: Clinical Science, American Transplant Congress (2002)

Moderator, SUS Genomics Workshop (2004)

Moderator, SUS, Gastrointestinal Topics Session (2005)

Moderator, AHPBA- Politics, ethics and medical evidence influencing liver transplantation for HCC (2005)

Moderator, SUS, Transplant II- Oral Poster Session (2006)

Moderator, World Transplant Congress- Infections and prophylaxis in

 liver transplantation (2006)

Moderator, ASTS Winter Meetings, Medicare 101 (2008)

 Moderator, 3rd World Cancer Congress, Translational research in breast cancer (2010)

Moderator, American Transplant Congress, Hepatocellular carcinoma and cholangiocarcinoma malignancies (2011)

Moderator, Surgical Biology Club 2 (2012)

Moderator, Central Surgical Association Annual Meeting (2015)

Moderator, Tumor microenvironment session, International

Osteopontin Meeting (2015)

Moderator, Central Surgical Assoc and Midwest Surgical Assoc Annual Meeting, Scientific Session 1B (2017)

Moderator, Central Surgical Association Annual Meeting,

 Quick Shot Presentations 1 (2019)

Member, Executive Committee, Society of Asian Academic Surgeons (2017-present)

Member, Nominating Committee, Society of Asian Academic Surgeons

 (2017-present)

 Professional Advisory Board, National Kidney Foundation-

 National Capital Area (1999-2001)

 Board of Directors, Carolina Donor Services, Durham, NC (2001-2007)

Nominating Committee, Carolina Donor Services, (2003-2007)

 UNOS Representative (2001-2008)

 UNOS Region 11 Liver/Intestine Committee Representative

` Chair, UNOS Region 11 Liver Review Board (2005-2006)

 Carolina Donor Services, Medical Advisory Board (2007-2010)

 Medical Director, UNOS (2009- 2010)

**Committee Activity- Department and School of Medicine:**

 Blue Ribbon Task Force on Alternative Financing,

 University of Maryland School of Medicine (1997)

 Research and Graduate Education Advisory Committee,

 University of Maryland School of Medicine (1997)

 Transplant Surgery Steering Committee,

 DUMC (2001-2010)

 Duke Liver Center Scientific Advisory Committee (2002-2004)

 Education Committee, DUMC, Dept. of Surgery (2003-2010)

 Data and Safety Monitoring Board, Thymic Transplantation Program, DUMC, Dept. of Pediatrics (2003-2007)

 Compensation Committee, DUMC, Dept. of Surgery (2003-2010)

 Duke University Center for AIDS Research (2004- 2010)

 Duke Hospital, Perioperative Exec Committee (2005-2010) Financial Advisory Council, DUMC, Dept. of Surgery (2005- 2010)

 Duke Comprehensive Cancer Center (2005-2010)

 Duke University Bridge Funding Committee (2006-2010)

 Program Director of the Research Fellowship Program,

 Dept. of Surgery, (2006-2010)

 Duke ICGME (2006-2010)

 Director, Duke Dept. of Surgery Site Based Research group

(2006-2010)

Research Administration Continuous Improvement Faculty Advisory Group (2009-2010)

Executive Committee Duke Integrated Training in Anesthesia Research NIH T32 GM08600 (2009-2010)

Duke Dept. Of Surgery, Appointments, Promotions and Tenure Committee (2010-2012)

Medical Director, Transplantation Surgery PRMO, Duke University Hospital (2003-2010)

Member, Faculty Forward Blue Ribbon Panel, Loyola Stritch School of Medicine (2011- present)

Member, Research Enterprise Development Committee, Loyola University School of Medicine (2011-present)

Member, Search Committee, Chief of Surgical Services, Hines VA Medical Center (2012)

Institute Director Representative, BSI Compensation Committee, Loyola University School of Medicine (2012-2015)

Mentor, Student Oncology Interest Group, Loyola Stritch School of Medicine (2012-present)

Member, Tissue Bank Committee, Loyola Stritch School of Medicine (2012-present)

Member, Search Committee, Chair of Pharmacology and Experimental Therapeutics, Loyola Stritch School of Medicine (2012)

Member, Scientific Advisory Board, Clinical Research Office (2013- present)

Member, Search Committee, Chief of Gastroenterology, Dept. of Medicine, Loyola Stritch School of Medicine (2012)

Member, Data Integration Group, Trinity Health Systems- Loyola

Stritch School of Medicine (2013-present)

Chair, Search Committee, Chairman of Dept. of Medicine, Loyola Stritch School of Medicine (2013)

Member, Committee on Admissions, Loyola Stritch School of Medicine (2013-present)

Member, Strategic Planning Committee, Loyola Stritch School of Medicine (2014)

Member, Search Committee, Dean, Loyola Stritch School of Medicine (2016-17)

Chair, USFHC Finance Committee (2018-2020)

Member, USFHC Executive Management Committee, Surgical Depts

 Rep (2018-

 Chair, Search Committee, USF Cardiology div chief and TGH CV service line director (2018)

 Member, UMSA Board of Directors (2019-2021)

 Member, USF Health Services Support Org Board of Directors (2019-

 2021)

 USF Faculty Senate Morsani College of Medicine Rep (2022-2025)

**Committee Activity- Hospital and Health System:**

Clinical Leadership Council, Loyola University Hospital (2010-present)

Strategic Recruitment Committee, Loyola University Hospital (2010- present)

Compensation Committee, Loyola University Hospital (2011-present)

Cancer Center Leadership Council/Executive Advisory Council, Cardinal Bernadin Cancer Center, Loyola University Hospital (2010-present)

Chair, Clinical Informatics Committee, Loyola University Hospital

 (2011-present)

Member, Information Services Steering Committee, LUHS (2011- present)

Chair, Access Committee, Loyola University Hospital, (2011- present)

Member, Search Committee, Senior Vice President for Clinical Affairs, Loyola University Hospital (2012)

Member, Clinical Documentation Improvement (CDI) Steering Committee, Loyola University Hospital (2012- present)

Co-Chair, Clinical Programs and Growth Committee, Loyola University Hospital (2012- present)

Member, Finance, Capital and Facilities Committee, Loyola University

 Hospital (2012- present)

Member, Operating Room and Post Anesthesia Recovery Committee, Loyola University Hospital (2012-present)

Director, Living Donor Kidney Transplant, Loyola University Hospital (2013- present)

Member, By-laws Committee, Loyola University Hospital (2012- present)

Member, Chief Medical Informatics Officer Search Committee, Loyola University Health System (2013)

Member, Oncology Service Line Executive Committee, Loyola University Health System (2013-present)

Member, Business Intelligence Governance Subcommittee, Loyola University Health System (2013-present)

 Member, Informatics Physician Advisory Committee (2013- present)

Member, Compensation Redesign Committee, Loyola University

 Hospital/PNO (2014)

Chair, Perioperative Executive Committee, Loyola University Hospital, (2015-2017)

Chair, Surgical Suites Committee, Tampa General Hospital (2017- 2020)

Member, OR Governance Committee, Tampa General Hospital (2019- 2020)

Member, OR Safety Committee, Tampa General Hospital (2020- present)

Member, Surgical Suites Committee, Tampa General Hospital (2020- present)

Member, Critical Care Steering Committee, Tampa General Hospital (2020- present)

Member, Health Information Management Committee, Tampa General Hospital (2020- present)

**Trainees/Advisees:**

 Research

 1993-1995 Keith Abe, B.S.- Industry

* 1. Rebecca Schroeder, M.D.- Assoc Prof. of Anesthesiology, Duke University

 1998 John Horsley Memorial Prize, UVA

1995-1997 Jain Gu, M.S.- Industry

 1996-1998 Andrew delaTorre, M.D.- Assoc. Prof. Of Surgery, UMDNJ

 1996-1998 Cecile Punzalan, B.S.- Medical Student, Dartmouth University

 1998-2000 Charles Qai, M.S.- Staff Scientist, Dow Chemical Co, IN

* 1. Hongtao Guo, M.D., Ph.D.- Assoc. Prof. of Surgery, Duke University

2001-2004 Junping Wei, M.D.- Postdoctoral Fellow, Duke University

2002-2007 Chengjiang Gao, Ph.D.- Prof of Immunology, Shandong University, China

2002-2003 Laura Downey, B.S.- Medical Student, Duke University

 2002 HHMI Medical Student Research Fellowship

* 1. Philip Y. Wai, M.D.- Tx Surgery Fellow, Univ Wisconsin

 2004 Ethicon-SUS Research Fellow

 2005 SUS Research Award

* 1. Zhiyong Mi, Ph.D.- Postdoctoral Fellow, Duke University
	2. Carlos Marroquin, M.D.- Assoc Prof of Surgery, Univ of Rochester

2004-2005 Yoji Takami, M.D.- Dept. of Surgery, Chiba University

 2005, 2006 Luci Guo- Undergraduate, Harvard University

 2004-2006 T. Eugene Day, Ph.D.-Graduate Student, Wash U-St. Louis

 2006 Sirisha Emani, Ph.D.- Postdoctoral Fellow, Harvard University

 2006 AHPBA Young Investigator Award

 2006-2008 Jinping Zhang, M.D., Ph.D.- Postdoctoral Fellow, Duke University

2006, 2007 Michael B. Russell- Medical Student, Duke University

2008-2010 Jovan Markovic, M.D.- Surgery Resident, Duke University

 2009 ACP Research Trainee Grant

2008-2009 Jill Garrison- Undergraduate, Duke University

2009-2011 Syamal Bhattacharya, M.D.- Surgery Resident, Duke University

 2010 SUS Research Award

 2011 AAS New Member Best Presentation

 2012 APSA Judah Folkman Memorial Award

2009-2010 Victoria Mi Kim, B.A.- Medical Student, Duke University

 2009 Bollinger Research Scholarship

 2010 Duke AOA Basic Science Research Award

2010-2012 Lindsay J. Talbot, M.D.- Surgery Resident, Duke University

2010-2012 Aleah Brubaker, B.S.- M.D.-Ph.D. candidate, Ph.D. thesis committee, Loyola University SSOM

2011-2015 Philip H. Wai, M.D., Asst Prof of Surgery, Loyola University

 2011 Deans Clinical Scholar

 2012 American College of Surgeons Faculty Research

 Fellowship

 2011-2012 Madhuchhanda Kundu, Ph.D., Research Associate, Loyola University

 2011- Gopal Gupta, M.D., Asst Prof of Urology, Loyola University

 2011 Deans Clinical Scholar

 2011-2014 Cynthia E. Weber, M.D., Surgery Resident, Loyola University

 2011 Eun-Kyoung Breuer, Ph.D., Asst Prof of Radiation Biology, Loyola University

 2011-2015 Neill Li, B.S., Medical Student, Loyola University

 2012 STAR (Student Training in Approaches to Research) Grant

 2013 Surgery Honor Society Award

 2012 Thomas Lynch, Ph.D. Candidate, Pharmacology, Loyola University

2012-2014 Kristin Hicks, B.S., Ph.D. candidate, Ph.D. thesis committee, Loyola University SSOM

 2013-2016 Joseph Driver, B.S., Medical Student, Loyola University

 2013 STAR (Student Training in Approaches to Research) Grant

 2014-2017 Matthew A. Zapf, Jr. A.B., Medical Student, Loyola University

 2014 STAR (Student Training in Approaches to Research) Grant

2014-2016 Anai Kothari, M.D., Surgery Resident, Loyola University

 2014- Victor Chang, B.A., Medical Student, Loyola University

 2015 STAR Grant

 2014- Matthew Arffa, B.S., Medical Student, Loyola University

 2015 STAR Grant

 2014-2016 Aldana Blanca, M.D., Postdoctoral Fellow, Loyola University

 2014- Max Drescher, B.S., Medical Student, Loyola University

 2014-2015 Dawn Graunke, M.S.- Graduate Student, Depaul University

 2014-2015 Stephanie Besser, Ph.D.- Graduate Student, Depaul University

  2015-2016 John Attisha, M.S.- Graduate Student, Depaul University

 2015- Sarah Brownlee, B.S., Medical Student, Loyola Unviersity

 2016- Adrienne Cobb, M.D., Surgery Resident, Loyola University

2016-2017 George Nakleh, M.S.- Graduate Student, Depaul University

2016-2017 R. Abram Beyer, M.B.A.- Graduate Student, Depaul University

2016-2017 Witawat Daungjaibon, M.S.- Graduate Student, Depaul University

2016-2017 Magdalen Shopova, M.S.- Graduate Student, Depaul

 University

2017-2019 Emanuel Eguia, M.D., Surgery Resident, Loyola University

2018-2020 Evelena Cousin-Peterson, M.D., Surgery Resident, USF

 USF Research Day, Best Clinical Research Award

2019-2020 Yusur Al-Salihi, B.S., College Student, Emory

2019-2020 Francis Agcaoili, M.D., Postdoctoral Student, USF

2019-2020 Tara M. Barry, M.D., Surgery Resident, USF

2020-2022 Michael Rogers, M.D., Surgery Resident, USF

2021-2023 Meagan Read, M.D., Surgery Resident, USF

2022- Konrad Cios, B.S., Medical Student, USF

2021 Rohan Shah, M.D., Postdoctoral Student, USF

2022-2024 Emily Grimsley, M.D., Surgery Resident, USF

2023-2025 Melissa Kendall, M.D., Surgery Resident, USF

2023-2025 Tyler Zander, M.D., Surgery Resident, USF

 Clinical

* 1. Mariano Dy-Liacco, M.D.- Asst. Prof. Of Surgery, Rush Univ.
	2. Carlos Marroquin, M.D.- Assoc. Prof. Of Surgery, URMC

2004-2006 Juan Palma-Vargas, M.D.- Texas Transplant Institute

2003-2007 Melissa Poh, M.D.- Resident, Duke University

 2001-2008 Jacob Schroder, M.D.- Resident. Duke University

* 1. C. Denise Ching, M.D.- Resident, Duke University

2006-2008 Erich Huang, M.D., Ph.D.- Asst. Prof. of Surgery, Duke University

2006-2007 John E. Scarborough, M.D.- Asst. Prof. of Surgery, Duke University

2007-2009 Deepak Vikraman, M.D.- Asst. Prof. Of Surgery, Duke University

**Course Instruction:**

 2011-2013 Instructor, TME and Metastasis,

 Course: Molecular Biology of Oncogenesis

 Loyola University School of Medicine

 2020-2021 Co-Director, Data Science for Physicians

 Muma College of Business

 University of South Florida

**Publications:**

**H-index May 2022:**

**Google Scholar=73**

**Web of Science=57; 10,192 citations w/o self citations**

1. Comings DE, Pekkala A, Shuh JR, **Kuo PC**, Chan SI. Huntington's Disease and Tourette's Syndrome-Electron spin resonance of RBC ghosts. Am J Hum Genet, 33:166-74, 1981.

2. Nicolosi R, Kovala M, Darge W, **Kuo PC**, Loscalzo J, Schaefer E. Diet effects on LDL metabolism in monkeys. Proc Eighth Int Symp Atherosclerosis, 8:661, 1988.

3. **Kuo PC**, Rudd MA, Loscalzo J. Cis-unsaturated fatty acid enrichment of monocyte membrane lipids enhances LDL binding and degradation. Proc Eighth Int Symp Atherosclerosis, 8:553,1988.

4. **Kuo PC**, Rudd MA, Nicolosi R, Loscalzo J. Effect of dietary fat saturation and cholesterol on low density lipoprotein degradation by mononuclear cells of Cebus monkeys. Arteriosclerosis, 9:919-27, 1989.

5. **Kuo PC**, Kirshenbaum JM, Garden J, Laffel G, Young P, DiSesa VJ, Mudge GH, Vaughan DE. Lovastatin therapy for hypercholesterolemia in cardiac transplant recipients. Am J Cardiol, 64:631-5, 1989.

6. **Kuo PC**, Weinfeld M, Rudd MA, Amarante P, Loscalzo J. Plasma membrane enrichment with cis-unsaturated fatty acids enhances LDL metabolism in U937 monocytes. Arteriosclerosis, 10:111-8, 1990.

7. DiSesa VJ, **Kuo PC**, Horvath KA, Mudge GH, Collins JJ, Cohn LC. HLA histocompatibility affects cardiac transplant rejection and may provide one basis for organ allocation. Ann Thor Surg, 49:220-3, 1990.

8. **Kuo PC**, Weinfeld M, Loscalzo J. Effect of membrane fatty acyl composition on LDL metabolism in Hep G2 hepatocytes. Biochemistry, 29:6626-32, 1990.

9. **Kuo PC**, Monaco AP. Chronic rejection and suboptimal immunosuppression. Trans. Proc., 25(2):2082-2084,1993

10. **Kuo PC**, Slivka A, Wilmore D, Loscalzo J. Exogenous delivery of nitric oxide: A novel treatment for toxin mediated hepatocyte injury. Surgical Forum, 44: 53-55, 1993.

11. **Kuo PC**, Lewis WD, Dzik W, Jenkins RL. Immune thrombocytopenic purpura following orthotopic liver transplantation. Clin. Trans., 7: 43-46, 1993.

12. **Kuo PC**, Lewis WD, Jenkins RL. Treatment of giant hemangiomas by enucleation-A comparative study. Jour Am College Surgeons, 178: 49-53, 1994.

13. **Kuo PC**, Lewis WD, Stokes K, Pleskow D, Simpson MA, Jenkins RL. Biliary complications after liver transplantation- A comparison of surgical, ERCP and PTHC techniques. J Am Coll Surgeons, 179: 177-181, 1994.

14. **Kuo PC**, Shaffer D, Madras P, Sahyoun AI, Monaco AP. Retroperitoneal kidney and intraperitoneal pancreas transplantation. Jour Am College Surgeons 179: 349-350, 1994.

15. **Kuo PC**. Cyclosporine increases hepatocyte synthesis of the immunosuppressive free radical, nitric oxide. Trans. Proc, 26, 2910-2911, 1994.

16. **Kuo PC**, Slivka A. Nitric oxide decreases oxidant mediated hepatocyte injury. J Surg Research, 56, 594-600, 1994.

17. **Kuo PC**, Alfrey EJ, Scandling JD, Dake M, Dafoe DC. Endovascular stenting of the abdominal aorta following renal transplantation. Transplantation, 58: 522-524, 1994.

18. **Kuo PC**, Luikart H, Busse-Henry S et al. Clinical outcome of interval cadaveric renal transplantation in cardiac allograft recipients. Clin Trans 9: 92-97, 1995.

19. **Kuo PC**, Li K, Alfrey E et al. Magnetic resonance imaging and hepatic hemodynamics: correlation with metabolic function in liver transplant candidates. Surgery, 117: 373-379, 1995.

20. **Kuo PC**, Dafoe DC, Alfrey EJ et al. Post transplant lymphoproliferative disorders and Epstein-Barr virus prophylaxis. Transplantation 59: 135-138, 1995.

21. **Kuo PC**, Schroeder RA. The emerging multifaceted roles of NO. Annals of Surgery, 221: 220-235, 1995.

22. Alfrey EJ, Rubin GD, **Kuo PC** et al. The use of spiral computed tomography in the evaluation of living donors for kidney transplantation. Transplantation 59: 643-645, 1995.

23. Rubin GD, Alfrey EJ, Dake MD, Semba CP, Sommer FG, **Kuo PC**, Dafoe DC, Jeffrey RB. Helical CT as an alternative to conventional arteriography for the preoperative assessment of potential living related donors. Radiology 195; 457-462, 1995.

24. **Kuo PC**, Mell D, Alfrey EJ, Scandling J, Dafoe DC. Pharmaceutical expenses following kidney and kidney-pancreas transplantation. Transplantation,59: 452-453, 1995.

25. **Kuo PC**, EJ Alfrey, K Li, R Vagelos, H Valantine, G Garcia, DC Dafoe. A magnetic resonance imaging derived parameter of portal flow predicts volume-mediated pulmonary hypertension in liver transplant candidates. Surgery 118; 685-691, 1995.

26. **Kuo PC**, Abe KY, Dafoe DC. A post translational role for cytochrome P450 IIIA isoform in hepatocyte nitric oxide synthase activity. Surgery 118: 310-317, 1995.

27. **Kuo PC**, Alfrey EJ, Garcia G, Haddow G, Dafoe DC. Orthotopic liver transplantation with selective use of venoveno-bypass. Am J Surg, 170: 671-675, 1995.

28. **Kuo PC**, Abe KY. Interleukin-1 induced production of nitric oxide inhibits benzenetriol mediated oxidative injury in rat hepatocytes. Gastroenterology 109; 206-216, 1995.

29. **Kuo PC,** Abe KY. Cytokine-mediated production of nitric oxide in isolated rat hepatocytes is dependent on cytochrome P450III activity. FEBS Letters 360; 10-14; 1995.

30. Pattison JM, Petersen J, **Kuo PC** et al.The incidence of renal failure in one hundred consecutive heart-lung transplant recipients. Am J Kidney Dis 26; 643-648; 1995.

31. **Kuo PC**, Krieger NR, Alfrey EJ, Scandling J, Dafoe DC. The utility of retroperitoneal kidney placement in simultaneous kidney pancreas transplantation. Clin Trans 9; 457-462; 1995.

32. Schroeder RA, **Kuo PC**. Nitric oxide: physiology and pharmacology. Anesth Analg 81; 1052-9; 1995.

33. **Kuo PC**, Krieger NR, Alfrey EJ et al. Differential cellular localization of inducible nitric oxide synthase mRNA in acute rejection of vascularized allografts. Surgical Forum 46:400-402; 1995.

34. Morris JA, Johnson D, Rimmer JAP, **Kuo PC**, Alfrey EJ, Bastidas JA, Dafoe DC. Identical twin small bowel transplant for desmoid tumor. Lancet 345: 1577-1578; 1995.

35. **Kuo PC**. Pulmonary hypertension: considerations for liver transplantation. Trans International 9: 141-150; 1996.

36. **Kuo PC**, Alfrey EJ, Abe KY et al. Cellular localization and effect of nitric oxide synthesis in a rat model of orthotopic liver transplantation. Transplantation 61: 305-312; 1996.

37. **Kuo PC**, Marks WH, Lieberman J et al. Systemic inflammatory response syndrome after human syngeneic intestinal transplant: evidence for disruption of enterocyte barrier function. Trans Proc 28: 2763-2764; 1996.

38. **Kuo PC**, Petersen J, Semba C, Alfrey EJ, Dafoe DC. CO2 angiography: a technique for vascular imaging in renal allograft dysfunction. Transplantation 61: 652-654; 1996.

39. **Kuo PC**, Morris J, Marks WH et al. Human syngeneic intestinal transplantation: evaluation of enterocyte barrier function with serum levels of intestinal fatty acid binding protein. Clin Trans 10: 282-6; 1996.

40. **Kuo PC**, Alfrey EJ, Krieger NR et al. Differential localization of allograft nitric oxide synthesis: comparison of liver and heart transplantation in the rat model. Immunology 87: 647-653; 1996.

41. Johnson LB, **Kuo PC**, Dafoe DC et al. The use of bilateral adult renal allografts: a method to optimize

function from donor kidneys with suboptimal nephron mass. Transplantation 61: 1261-1263; 1996.

42. Morris J, Johnson D, Rimmer J, **Kuo P**, Alfrey E, Bastidas JA, Dafoe D. Identical twin small bowel transplant after resection of abdominal desmoid tumor. Trans Proc 28: 2731-2732; 1996.

43. **Kuo PC**, Abe KY. Nitric oxide-associated regulation of hepatocyte glutathione synthesis is a guanylyl cyclase-independent event. Surgery 120: 309-314; 1996.

44. Johnson LB, **Kuo PC**, Dafoe DC et al. Dual adult renal allografts-a technique for expansion of the cadaveric renal donor pool. Surgery 120: 580-3, 1996.

45. Plotkin J, Johnson LB, **Kuo PC**. Intracardiac thrombus formation during orthotopic liver transplantation: a new entity or an old enemy? Transplantation 61: 1131; 1996.

46. **Kuo PC,** Johnson LB, Alfrey EJ et al. Utilization of the older donor for renal transplantation. Am J Surg 172: 551-557, 1996.

47. Bartlett ST, delaTorre A, Johnson LB, **Kuo PC**, Schweitzer EJ. Long term pancreatic function: potential benefits. Trans Proc 28: 2128-2130; 1996.

48. **Kuo PC**, Schroeder RA, Vagelos RH, et al. Volume mediated pulmonary responses in liver transplant candidates Clin Trans 10: 521-527; 1996.

49. **Kuo PC,** Abe KY, Schroeder RA. Interleukin-1 induced nitric oxide production modulates glutathione synthesis in cultured rat hepatocytes. Am J Physiol 217: C851-862;1996.

50. Alejandro VSJ, Nelson WJ, Huie P, Sibley RK, Dafoe D, **Kuo P**, Scandling JD, Myers BD. Postischemic injury, delayed graft function and Na/K ATPase distribution in the transplanted kidney. Kidney Int 48: 1308-1315, 1995.

51. **Kuo PC**, Johnson LB, Hastings G et al. Fulminant hepatic failure from the Budd Chiari syndrome: bridge to transplantation with transjugular intrahepatic portosystemic shunt. Transplantation 62: 294-296, 1996..

52. Bartlett ST, Schweitzer EJ, Johnson LB, **Kuo PC**, et al. Equivalent success of simultaneous pancreas kidney and solitary pancreas transplantation: a prospective trial of tacrolimus immunosuppression with percutaneous biopsy. Annals of Surgery 224: 440-452; 1996.

53. **Kuo PC,** Johnson LB, Schweitzer EJ et al. Solitary pancreas allografts: The role of percutaneous biopsy and standardized histologic grading of rejection. Arch Surg 132:52-57; 1997.

54. Schweitzer EJ, Drachenberg CB, Anderson L, Papadimitriou JC, **Kuo PC** et al. Significance of the Banff borderline biopsy. Am J Kidney Dis 28: 585-588; 1996.

55. **Kuo PC**, delaTorre A, Johnson LB. Schweitzer EJ, Bartlett ST. Bilateral retroperitoneal renal allografts: technique for placement through a midline incision. J Am Coll Surg 183: 529-530; 1996.

56. Johnson LB, Krebs T, Wong J, Njoku M, Plotkin JS, Daly B, Wilson S, **Kuo PC**. Cryosurgical debulking of unresectable liver metastases for palliation of carcinoid syndrome. Surgery 121: 468-470; 1997.

57. Johnson LB, **Kuo PC**, Schweitzer EJ, et al. Double renal allografts successfully increase utilization of kidneys from older donors within a single organ procurement organization. Transplantation 62:1581-1583; 1996.

58. Bartlett ST, Dirden B, Schweitzer EJ, **Kuo PC**, et al. Engraftment of donor T cells prevents autoimmune islet allograft failure. Transplantation 63: 299-303; 1997.

59. **Kuo PC**, Johnson LB, Schweitzer EJ, Bartlett ST. Simultaneous pancreas-kidney transplantation- a comparison of enteric and bladder drainage of exocrine pancreatic secretions. Transplantation 63: 238-242; 1997.

60. delaTorre AN, **Kuo PC**, Plotkin JS, et al. The influence of donor base deficit status on recipient outcomes in liver transplantation. Trans Proc 29:1997.

61. **Kuo PC**, Johnson LB, Plotkin JS, Howell CD, Bartlett ST, Rubin LJ. Continuous intravenous infusion of epoprostenol for the treatment of portopulmonary hypertension. Transplantation 63:604-606; 1997.

62. Plotkin JS, Buell JF, Njoku MJ, Wilson S, **Kuo PC**, Bartlett ST, Howell CD, Johnson LB. Methemoglobinemia associated with dapsone treatment in solid organ transplant recipients. A two case report and review. Liver Transplantation and Surgery 3: 149-152, 1997.

63. Plotkin JS, Njoku MJ, Howell CD, **Kuo PC**, Lim JW, Laurin JM, Bartlett ST, Johnson LB. The evolution of a successful liver transplant program at the University of Maryland in 1996: the critical role of the anesthesiologist. Liver Transplantation and Surgery 3: 1-3, 1997.

64. Schroeder RA, **Kuo PC**. Portopulmonary hypertension: Evolving concepts and therapy. Trans Rev

11: 29-37, 1997.

65. **Kuo PC**, Schroeder RA, Bartlett ST. Endotoxin mediated synthesis of nitric oxide is dependent upon Gq protein signal transduction. Surgery 122: 394-402, 1997.

66. Schroeder RA, Gu J, **Kuo PC.**  Inhibition of the inositol triphosphate receptor increases endotoxin mediated nitric oxide synthesis in macrophages Trans Proc 29: 2569-2570, 1997.

67. Johnson LB. Plotkin JS, Howell CD, Njoku M, **Kuo PC**, Bartlett ST. Successful use of a donor maintained on extracorporeal membrane oxygenation for emergency liver transplantation. Transplantation 63: 910-911, 1997.

68. Schweitzer EJ, Anderson L, **Kuo PC** et al. Safe pancreas transplantation in patients with coronary disease. Transplantation 63: 1294-1299, 1997.

69. **Kuo PC,** Plotkin JS, Howell CD et al. Selective bowel decontamination in the hospitalized patient awaiting liver transplantation. Am J Surg 174: 745-749, 1997.

70. Johnson LB, Plotkin JS, Njoku M, Krebs TL, Wong JJ, **Kuo PC**. Cytoablative surgery with combined resection and cryosurgery for limited bilobar hepatic colorectal metastases. Am J Surg 174; 610-613, 1997.

71. Schweitzer EJ, Yoon S, Hart J, Anderson, L, Barnes R, Evans D, Hartman K, Jaekels J, Johnson LB,

**Kuo PC**, Hoehn-Saric T, Klassen DK, Weir MR, Bartlett ST. Increased living donor volunteer rates with a formal recipient family education program. Am J Kidney Dis 29: 739-745, 1997.

72. **Kuo PC**, Plotkin JS, Johnson LB et al. Distinctive clinical features of portopulmonary hypertension. Chest 112: 980-986, 1997.

73. **Kuo PC**, Schroeder RA, Loscalzo J. Nitric oxide and acetaminophen mediated oxidative injury: modulation of interleukin-1 induced nitric oxide synthesis in cultured rat hepatocytes. J Pharmacol and Exp Ther 282; 1072-1083, 1997.

74. Drachenberg CB, Papadimitriou JC, Klassen DK, Racusen LC, Hoehn-Saric EW, Weir MR, **Kuo PC,** Schweitzer EJ, Johnson LB, Bartlett ST. Evaluation of pancreas transplant needle biopsy: validation and revision of histologic grading system. Transplantation 63: 1579-1586, 1997.

75. **Kuo PC,** Abe KY, Schroeder RA. Oxidative stress increases hepatocyte iNOS gene transcription and promoter activity. Biochem Biophys Res Commun 234: 289-292, 1997.

76. Schroeder RA, **Kuo PC**. A CD14 dependent mechanism for endotoxin-mediated nitric oxide synthesis in murine macrophages. Am J Physiol 273: C1030-C1039, 1997.

77. Plotkin JS, Ridge L, **Kuo PC** et al. Extending the boundaries of acceptable organ donors: a means of expanding the donor pool for liver transplantation. Trans Proc 29: 3288, 1997.

78. Madayag RM, Johnson LB, Bartlett ST, Schweitzer EJ, Constantine NJ, McCarter RJ, **Kuo PC**, Oldach DW. Use of renal allografts from donors positive for hepatitis B core antibody confers minimal risk for subsequent development of clinical hepatitis B virus disease. Transplantation 64: 1781-1785, 1997.

79. Schweitzer EJ, Fink J, Wiland A, Anderson L, **Kuo P**, et al. MMF reduces the risk of acute rejection less in African-American than in white kidney recipients. Transplantation 65: 242-247, 1998.

80. **Kuo PC**, Bartlett ST, Schweitzer EJ, Johnson LB, Lim JW, Dafoe DC. A technique for management of multiple renal arteries following laparoscopic donor nephrectomy. Transplantation 64:779-780, 1997.

81. **Kuo PC**, Wong J, Schweitzer EJ, Johnson LB, Lim JW, Bartlett ST. Outcome following splenic vein thrombosis in the pancreas allograft. Transplantation 64: 933-5; 1997.

82. delaTorre A, Schroeder RA, **Kuo PC**. Alteration of NF-κB p50 binding kinetics by S-nitrosylation. Biochem Biophys Res Commun 238: 703-706, 1997.

83. Weir MR, Anderson L, Fink JC, Gabregiorgish K, Schweitzer EJ, Hoehn-Saric, E, Klassen DK, Cangro CB, Johnson LB, **Kuo PC**, Lim J, Bartlett ST. A novel approach to the treatment of chronic allograft nephropathy. Transplantation 64: 1706-1710, 1997.

84. Schroeder RA, Gu J, **Kuo PC**. Interleukin-1 stimulated production of nitric oxide in rat hepatocytes is mediated through endogenous synthesis of interferon-γ. Hepatology 27: 711-719, 1998.

85. delaTorre A, Schroeder RA, Bartlett ST, **Kuo PC**. Differential effects of nitric oxide mediated S-nitrosylation of p50 and c-jun DNA binding. Surgery 124: 137-142, 1998.

86. **Kuo PC**, Drachenberg CI, delaTorre A et al. Apoptosis and hepatic allograft reperfusion injury. Clin Transplant 12: 219-223, 1998.

87. Plotkin JS, **Kuo PC**, Rubin LJ et al. Successful use of chronic epoprostenol as a bridge to liver transplantation in severe portopulmonary hypertension Transplantation 65: 457-9, 1998.

88. Johnson LB, **Kuo PC**, Schweitzer EJ et al. Double adult renal allografts. Trans Rev 12: 59-63, 1998.

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4. **Kuo PC**. Organ Procurement Professionalism. ASTS National Transplant Fellowship Curriculum. 2008.

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**Presentations and Lectureships:**

1. Diet effects on LDL metabolism in monkeys. Eighth Int Symp Atherosclerosis, Rome, Italy, 1988.

2. Cis-unsaturated fatty acid enrichment of monocyte membrane lipids enhances LDL binding and degradation. American Heart Assoc Scientific Sessions, 1989.

3. Effect of dietary fat saturation and cholesterol on low density lipoprotein degradation by mononuclear cells of Cebus monkeys. American Federation of Clinical Research, 1989.

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6. Lovastatin therapy for hypercholesterolemia in cardiac transplant recipients. Am College of Chest Physicians,1990.

7. Biliary complications after liver transplantation- A comparison of surgical, ERCP and PTHC techniques. New England Surgical Society, 1993.

8. Effect of membrane fatty acyl composition on LDL metabolism in Hep G2 hepatocytes. AASLD Annual Meeting, 1993.

9. Exogenous delivery of nitric oxide: A novel treatment for toxin mediated hepatocyte injury. American College of Surgeons Surgical Forum, 1994.

10. Nitric oxide decreases oxidant mediated hepatocyte injury. Assoc Acad Surg Scientific Meeting, 1994.

11. Magnetic resonance imaging and hepatic hemodynamics: correlation with metabolic function in liver transplant candidates. Central Surg Assoc, 1994.

12. A magnetic resonance imaging derived parameter of portal flow predicts volume-mediated pulmonary hypertension in liver transplant candidates. AASLD Annual Meeting, 1994.

13. Nitric oxide regulates glutathione metabolism in hepatocyte oxidative stress. Immune Consequences of Trauma, Shock and Sepsis: Mechanisms and Therapeutic Approaches. 1994.

14. Nitric oxide and oxidative stress. Surgical Grand Rounds, Stanford University Medical Center, 1994.

15. Multi-organ Transplantation. Medical Grand Rounds, Highland Hospital, UC Davis- East Bay, 1994.

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17. Cellular localization and effect of nitric oxide synthesis in a rat model of orthotopic liver transplantation. American Society of Transplant Surgery Ortho Biotech Lecture, 1995.

18. A post translational role for cytochrome P450 IIIA isoform in hepatocyte nitric oxide synthase activity. Society of University Surgeons, 1995.

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20. Interleukin-1 induced production of nitric oxide inhibits benzenetriol mediated oxidative injury in rat hepatocytes. AASLD Annual Meeting, 1995.

21. Differential cellular localization of inducible nitric oxide synthase mRNA in acute rejection of vascularized allografts. American College of Surgeons Surgical Forum, 1995.

22. Volume mediated pulmonary responses in liver transplant candidates. International Liver Transplantation Society, 1995.

23. Human syngeneic intestinal transplantation: evaluation of enterocyte barrier function with serum levels of intestinal fatty acid binding protein. International Society for Small Bowel Transplantation, 1995.

24. Liver Transplantation for Wilson’s Disease. Surgical Grand Rounds, Stanford University Medical Center, 1995.

25. Interleukin-1 induced nitric oxide production modulates glutathione synthesis in cultured rat hepatocytes. Society for Surgery of the Alimentary Tract Annual Meeting, 1995.

26. Simultaneous pancreas-kidney transplantation- a comparison of enteric and bladder drainage of exocrine pancreatic secretions. American Society of Transplant Surgeons Annual Meeting, 1996.

27. Continuous intravenous infusion of epoprostenol for the treatment of portopulmonary hypertension. American Gastroenterological Association Digestive Disease Week, 1996.

28. Endotoxin mediated synthesis of nitric oxide is dependent upon Gq protein signal transduction. Society of University Surgeons, 1996.

29. Utilization of the older donor for renal transplantation. Southwestern Surgical Congress, 1996.

30. Oxidative stress and nitric oxide production. Surgical Grand Rounds, University of Maryland Medical System, 1996.

31. Oxidative stress increases hepatocyte iNOS gene transcription and promoter activity. AASLD Digestive Disease Week, 1996.

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33. Selective bowel decontamination in the hospitalized patient awaiting liver transplantation. Southwestern Surgical Congress, 1997.

34. Timing of liver transplantation. Maryland Medical and Chirurgical Society Annual Meeting, 1997.

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36. Apoptosis and hepatic allograft reperfusion injury. American Society for Transplant Surgeons Annual Meeting, 1997.

37. Nitric oxide mediated S-nitrosylation alters NF-κB p50 DNA binding. International Liver Transplantation Society, 1997.

38. Acute pancreatitis and fulminant hepatic failure. American Society for Transplant Surgeons Annual Meeting, 1998.

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42. Laparoscopic donor nephrectomy. Surgical Grand Rounds, Georgetown University Medical Center, 1998.

43. Update on kidney transplantation. Medical Grand Rounds, Sibley Hospital, 1998.

44. Redox regulation of the rat iNOS promoter. Society of University Surgeons, 1999.

45. Laparoscopic approach to adrenal pathology. American College of Surgeons- Metro DC Chapter All Surgeons Day, 1999.

46. Portopulmonary hypertension. Georgetown University Update on Liver Transplantation, 1999.

47. Laparoscopic donor nephrectomy increases the supply of living donor kidneys: a center-specific microeconomic analysis. American Society of Transplant Surgeons Annual Scientific Meeting 1999.

48. Laparoscopic donor nephrectomy in the obese patient. American Society of Transplant Surgeons Annual Scientific Meeting 1999.

49. New and Innovative Immunosuppression Therapies for Transplantation. Georgetown University Transplant Institute 1999

50. Laparoscopic Donor Nephrectomy. Update in Transplantation. Georgetown University Transplant Symposium 1999.

51. Laparoscopic Donor Nephrectomy: State of the Art. Transplant Academia. Duke University Medical Center 2000.

52. Liver-Anatomy and Physiology. Mealey’s Rezulin Conference. Washington DC. 2000.

53. Calcineurin Inhibitors: Dose Adjustment In HIV Disease Progression? UCSF-NIH Consensus Conference on HIV and Transplantation. Washington DC 2000.

54. Postoperative Biliary Strictures- Surgical Perspective and Incidence. Management of pancreato-biliary problems. Georgetown University, Washington, DC 2000.

55. Renal Transplantation In HIV+ Patients. BI-Deaconess Hospital, Transplant Surgery Conference, Boston, MA 2000.

56. Surgical Management Of The Challenging Donor. ASTS Winter Symposium. Adult-to-adult living donor transplantation. Sawgrass, FL 2001.

57. Transplantation in HIV+ patients. Transplant Academia. Duke University Medical Center 2001.

58. Transplantation in HIV+ patients. Dept. of Surgery Grand Rounds. Duke University Medical Center 2001.

59. Redox regulation of hepatocyte iNOS expression. Surgical Biology Club II, New Orleans, LA 2001

60. Redox regulation of hepatocyte iNOS expression. Visiting Professor of Surgery, Professor’s Hour, University of Cinncinnati, Cinncinnati, OH 2002

61. Transplantation and HIV. Visiting Professor of Surgery, Transplant Grand Rounds, University of Cinncinnati, Cinncinnati, OH 2002

62. Osteopontin is a negative feedback regulator of NO synthesis in murine macrophages.Invited speaker. Third International Conference on Osteopontin. San Antonio, Texas, 2002.

63. Consensus endpoints for clinical trials in late allograft failure. American Transplant Congress, Washington, DC, 2002.

64. Endotoxin-mediated nitric oxide production inhibits expression of COX I, a key mitochondrial protein for electron transport. Society of University Surgeons, Honolulu, HI, 2002.

65. Abdominal living donor transplantation. Dept. of Anesthesia Grand Rounds, Duke University Medical Center, 2002.

66. Laparoscopic donor nephrectomy. Perioperative Services Conference, Duke University Medical Center, 2002.

67. Laparoscopic donor nephrectomy, Expanding the transplant horizons. Invited speaker, North Carolina Surgical Society, Homesetad, VA, 2002.

68. HIV and Transplantation. Visiting Professor of Surgery, Thomas Jefferson University Dept. of Surgery, Phil, PA, 2002.

69. HCC: resect, transplant or ablate? Visiting Professor of Surgery, University of Maryland Dept. of Surgery, Baltimore, MD, 2003.

70. Update on kidney transplantation. Urology Grand Rounds, Duke University Dept. of Surgery, 2003.

71. Hydatid liver disease. Visiting Professor of Surgery, Georgetown University, DC, 2003.

72. Renal transplantation in the HIV+ patient. Visiting Professor, Nephrology Grand Rounds, Brigham and Women’s Hospital, 2003.

73. HNF-4α and redox regulation of the hepatocyte iNOS promoter. Visiting Professor, San Francisco VAMC/UC San Francisco, 2003.

74. Redox regulation of the hepatocyte iNOS expression. Pulmonary and Critical Care Research Conference, Duke University, 2003.

75. Clinical and Research Aspects of HCC. Visiting Professor, General Surgery Grand Rounds, UC Irvine,

2003

76. The gray zones of overlap create research opportunity. Surgery Grand Rounds, Duke University, 2003.

77. HIV and transplantaion. Invited speaker. Transplant Education Conference, UNC-Chapel Hill, 2003.

78. Unexpected donor circumstances at St. Elsewhere. Invited Speaker, ASTS Winter Symposium: Surgical Challenges in Transplantation, 2004.

79. Lung Transplantation in Patients with Hepatitis B, C or HIV; Lessons Learned from other Solid Organ Experiences. Invited speaker, American Thoracic Society Annual Meeting, 2004.

80. The bottom line is absolutely necessary for survival. Invited Speaker. American Transplant Congress 2004.

81. Living donor renal transplantation. Invited Speaker. Seaboard Medical Society Annual Meeting, 2004

82. Living donor liver transplantation. Invited Speaker. Seaboard Medical Society Annual Meeting, 2004

83. Update on liver transplantation. Invited Speaker. Raleigh Community Hospital, 2004.

84. Research vignettes. Invited Speaker. Div of Gastroenterology Grand Rounds, Duke University, 2004.

85. Liver transplantation and MELD, Invited Speaker, Schering Clinical Residency Program, Duke Clinical Research Institute, 2004.

86. A random walk through the business of transplantation. Invited Speaker, Transplant Grand Rounds, Mass. General Hospital, 2004

87. Laparoscopic vs Traditional Nephrectomy. Invited Speaker. World Congress of Nephrology. Singapore, 2005.

88. Role of transplantation for portal hypertension. AHPBA Surgical Forum. AASLD Meeting, 2005.

89. Calcineurin inhibitors in kidney transplantation. Taiwan Transplantation Society. 2005

90. The Zen of research. Invited Speaker, Transplant Grand Rounds, Mass. General Hospital, 2005

91. Liver transplantation. Resident Conference. Duke University, 2005.

92. Initiatives for research in the Duke Dept. of Surgery, Surgery Grand Rounds, Duke University, 2005.

93. Why do research in surgery? Invited Speaker. Surgery Research Conference, Washington Hospital Center, 2005.

94. Productivity measures associated with a patient access initiative. Southern Surgical Association, 2005.

95. An overview of laparoscopic surgery. Invited Speaker. Radiology Grand Rounds, Duke University, 2006.

96. The hitchhiker’s guide to surgical research. Invited Speaker. Dept of Surgery, University of Iowa, 2006.

97. The hitchhiker’s guide to research. Invited Speaker. Dept of Surgery, University of Minnesota, 2006.

98. Academic surgery: A Ptolemaic or Copernican world? Invited Speaker. Dept. of Surgery, University of Chicago, 2006.

99. Laparoscopic RFA of liver tumors. Laparoscopic Liver Resection Course. Dept. of Surgery, Duke University, 2006.

100. What does medicine request of biomedical research? Symposium on Photonics at the Frontiers of Science and Technology. Duke University, 2006.

101. Nitric oxide. Dept. of Chemistry, UNC-Chapel Hill, 2007.

102. Long term mangament of the liver transplant recipient. Invited speaker, Univ of Nevada, 2007.

103. Surgical management of HCC. Invited speaker, Univ of Nevada Dept. of Surgery Grand Rounds, 2007.

104. Transplant physician billing. Invited speaker, 13th Annual Practice of Transplant Administration., San Diego, 2007.

105. Osteopontin and tumor metastasis. Surgical Biology Club 2, American College of Surgeons, New Orleans, 2007.

106. Care of liver cancer. Duke Gastroenterology Conference, Duke University, 2007.

107. Liver transplantation- What goes on in the OR?, GI Grand Rounds, Duke University, 2007.

108. Overview of liver transplantation. General Surgery Grand Rounds, Durham Regional Hospital, NC, 2007.

109. Cost accounting: You are not an accountant, but you need to know this. ASTS Winter Symposium, FL, 2008.

110. Update on live donor transplants. Current Status of Renal Transplantation. Duke University, Durham, NC 2008.

111. Donor operating room behavior. ASTS Surgical Fellows Symposium, Kiawah Island, SC, 2008

112. Following the money trail: the physician perspective. ASTS Winter Symposium, FL, 2009.

113. Transplant physician and surgeon billing. Invited speaker, 15th Annual Practice of Transplant Administration, San Diego, 2009.

114. The mechanics of transplant waiting lists. Invited speaker, Healthcare Operations Management, Fuqua School of Business, Duke University, 2009.

115. ASTS Business Practice Seminar- Finding the Money: Understanding Revenue Streams in Transplantation, Invited speaker, ASTS State of the Art Winter Symposium, FL, 2010.

116. Aptamer targeting of osteopontin in breast cancer, Invited speaker, 3rd World Cancer Congress-Breast Cancer Conference, Shanghai, China, 2010

117. Osteopontin regulation of nitric oxide synthesis in murine macrophages, Invited speaker, FASEB Summer Research Conference on Osteopontin Biology, CO, 2010.

118. Surgical Techniques: Case Presentations Panel, Invited speaker, ASTS State of the Art Winter Symposium, FL, 2010.

119. The Book of Lists. Surgery Grand Rounds, Duke University, 2010

120. Osteopontin promotes CCL5 (RANTES) expression in mesenchymal stromal cells. AACR conference on EMT and cancer progression and treatment, Arlington, VA, 2010.

121. Osteopontin and tumor metastasis. Surgery Grand Rounds, Georgetown University, 2010.

122. The potential role of mesenchymal stem cells in tumor metastasis. Halsted Society, Vanderbilt University, 2010.

123. Nature vs nurture in the world of cancer metastasis. Surgery Grand Rounds, Loyola University, IL, 2010.

124. Changing views of tumor metastasis, Society of Black Academic Surgeons, Duke University, Durham, NC 2010

125. Osteopontin, CCL5 and stem cell mediated cancer growth. Invited speaker, Surgical Biology Club 2. Washington DC, 2010.

126. Surgery SBR, Association of Academic Surgical Administrators, Duke University, Durham, NC, 2010

127. Residency and Research in Surgery, MSTP Lunch Talk Series, Duke University, Durham, NC, 2010

128. Osteopontin and tumor metastasis, Invited Speaker, Royal Society of Medicine-Surgery Section, Duke University, Durham, NC, 2010.

129. Organ allocation, Invited speaker, Healthcare Operations Management, Fuqua School of Business, Duke University, Durham, NC 2010.

130. Osteopontin and the tumor microenvironment, Invited Speaker, John Niederhuber Tribute, Illini Center, Chicago, IL, 2011.

131. Laparoscopic splenectomy, Invited speaker, Intensive course in laparoscopic general surgery, Asia IRCAD, Taiwan, 2011.

132. Translational and inter-disciplinary research. Invited Speaker, Student Training in Approaches to Research program, Loyola Stritch School of Medicine, IL, 2011.

133. RNA aptamer blockade of osteopontin decrease invasion and activation of EMT pathways in non-small cell lung cancer. WCLC, 2011.

134. Osteopontin, TGF-beta and epithelial-mesenchymal transition in the tumor microenvironment. Invited Speaker. Biochemistry Seminar. Loyola University, Chicago, IL 2011.

135. Tumor-stromal interactions: seed and soil revisited. Invited Speaker. Dept. of Pathology Grand Rounds. Loyola University, Chicago, IL 2011.

136. Loyola Surgery: accomplishments and future directions. Dept of Surgery Grand Rounds, Loyola University, Chicago, IL 2011

137. Osteopontin and epithelial-mesenchymal transition. Invited Speaker. Molecular Pharmacology and Therapeutics Seminar, Loyola University, Chicago, IL 2011.

138. Osteopontin induces mesenchymal stem cell production of TGF-beta. Invited Speaker, FASEB Summer Research Conference, Osteopontin Biology, Saxtons River, Vermont, 2012.

139. Osteopontin promotes natural killer t cell accumulation in nonalcoholic steatohepatitis. Co-author, Digestive Disease Federation, Liverpool, UK, 2012.

140. FASEB OPN Meet-The-Experts, Invited Speaker, FASEB Summer Research Conference, Osteopontin Biology, Saxtons River, Vermont, 2012.

141. Translational and inter-disciplinary research. Invited Speaker, Student Training in Approaches to Research program, Loyola Stritch School of Medicine, IL, 2012.

142. Tumor Vaccine & Cell Therapy Working Group, Immunotherapy Of Cancer XVIII, Invited Speaker. Loyola University Cardinal Bernadin Cancer Center, IL, 2012.

143. Osteopontin inhibition ameliorates hepatic inflammation, injury and fibrogenesis in nonalcoholic steatohepatitis. Co-author, United European Gastroenterology Week, Amsterdam, Netherlands, 2012.

144. Osteopontin regulates viral permissivity and replication in Huh7.5 cells infected with Hepatitis C Virus. Co-author. AASLD, Boston, MA, 2012.

145. Osteopontin up-regulates critical EMT transcription factors. American College of Wound Healing and Tissue Repair. Chicago, IL, 2012

146. Developing a metabolic and bariatric program, Invited Speaker, Randy Freeman Memorial Medical Lecture Series, Trinity Health Attorney Summit, Chicago, IL 2013.

147. Research in clinical practice. Invited Speaker, Student Training in Approaches to Research program, Loyola Stritch School of Medicine, IL, 2013.

148. Osteopontin and the tumor micro-environment. Invited speaker. Surgical Biology Club 2, Washington DC, 2013.

149. Mid-career academic surgery professional development course. Invited panelist. Academic Surgical Congress, San Diego, CA, 2014.

150. Dissecting the osteopontin link to the tumor microenvironment. Invited speaker. Cardinal Bernadin Cancer Center Oncology Grand Rounds. Loyola Stritch School of Medicine, IL, 2014.

151. Recruiting in a challenging environment. Invited speaker, Society of Surgical Chairs, San Francisco, CA, 2014.

151. Surgeon's view of the EHR. Invited speaker, Session: HIT, CPOE, HIE, and other EHR Alphabet Soup for the Practicing Surgeon, American College of Surgeons Clinical Congress, San Francisco, CA 2014.

152. Surgery: A Ptolemaic or Copernican world? Invited speaker, Univ of Wisconsin Surgery Grand Rounds, Madison, WI, 2014.

153. Not knowing is part of the fun. Invited speaker, Texas A&M Health Science Center and Baylor Scott and White Health, Temple, TX, 2015.

154. Predictive analytics, Hari Seldon and Charles Barkley. Invited speaker, UC Irvine Surgery Grand Rounds, Irvine, CA, 2015.

155. Osteopontin and myeloid zinc finger-1 regulation of TGF-beta expression in cancer associated fibroblasts. Invited speaker, International Osteopontin and other SIBLING Proteins Conference, Chicago, IL, 2015.

156. The plural of anecdote is data. Invited speaker, David B. Skinner Memorial Lecture, Univ of Chicago Dept of Surgery, Chicago, IL 2015.

157. Post hospital syndrome: The role of analytics in medical care. Invited speaker. St Agnes Hospital Med/Surg Grand Rounds, Baltimore, MD, 2016.

158. Sir, those are $%& mortars... Loyola University Medical Center Surgery Grand Rounds, Maywood, IL 2017

159. Sir, those are $%& mortars… USF Morsani COM Dept of Surgery Grand Rounds, Tampa, FL 2017.

159. What I did over winter break… Sir, those are $%& mortars. Presidential Address. Society of Asian Academic Surgeons Annual Meeting, Birmingham, AL 2017.

160. My Winter Break: A Surgeon’s Deployment to Afghanistan. Society of Asian Scientists and Engineers, Chicago, IL 2017.

161. How to Organize Big Data in Healthcare. Featured Expert. American Medical Association [Integrated Health Model Initiative](https://ihmi.communities.ama-assn.org/) (IHMI), 2018

162. What Editors Want- Top Tips from Journal Editors. Panel Discussion. USF, 2018.

163. Healthcare analytics, Florida Business Analytics Forum, Panel Discussion, USF 2019.

164. Siroos Shirazi Visiting Professorship, University of Iowa Dept of Surgery, 2019.

165. Review of ML research interests. Invited speaker, Data Science for Physicians Course, USF Muma School of Business, 2022.

166. Onetomap Clinical Database Library. Invited speaker, TGH Cancer Institute Research Seminar, 2022.