

Devashish J. Anjaria, M.D., FACS

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Education: B.S. Loyola College of Maryland, May 1993
Baltimore, Maryland
Graduated Summa Cum Laude, Major: Biology, Minor: Chemistry.

M.D. University of Maryland School of Medicine, May 1997
Baltimore, Maryland.

Postgraduate Training: Intern/Resident – General Surgery Residency
UMDNJ – New Jersey Medical School, Newark, New Jersey
July 1997 – June 2002

Research Fellow
UMDNJ – New Jersey Medical School, Newark, New Jersey
July 1999 – June 2000

Chief Resident – General Surgery
UMDNJ – New Jersey Medical School, Newark, New Jersey
July 2002 – June 2003

Fellow – Surgical Critical Care
University of California, San Diego, San Diego, California
July 2003 – June 2004

Research Fellow
University of California, San Diego, San Diego, California
July 2004 – June 2005

Academic Appointment: Clinical Instructor
University of California, San Diego, San Diego, California
July 2004 – June 2005

Assistant Professor
Rutgers – New Jersey Medical School, Newark, New Jersey
(UMDNJ – New Jersey Medical School up till June 30, 2013)
Department of Surgery, Division of Trauma, Surgical Critical Care
July 2005 – June 2015

Associate Professor
Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery, Division of Trauma, Surgical Critical Care
July 2015 – Present

Hospital Appointment: University of California San Diego Medical Center
San Diego, California
July 2004 – June 2005

University Hospital
Newark, New Jersey
July 2005 – Present

St Mary's Hospital
Passaic, New Jersey
August 2017 - Present

Medical School Associate Program Director – General Surgery Residency
Positions: Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery
August 2011 – May 2014

Assistant Program Director – General Surgery Residency
Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery
May 2014 – Present

Careers in Medicine Advisor/ Delphinus House mentor
Rutgers – New Jersey Medical School, Newark, New Jersey
Office of Student Affairs
August 2011 – Present

Director - Hands-on Surgery Elective
Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery
March 2014 - 2015

Associate Clerkship Director – General surgery 3rd year clerkship
Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery
April 2013 – March 2014

Director – 3rd Year Surgery Clerkship
Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery
March 2014 – Present

Associate Director – 4th Year Surgical Boot Camp Elective
Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery
2015

Director – 4th Year Surgical Boot Camp Elective
Rutgers – New Jersey Medical School, Newark, New Jersey
Department of Surgery
2016 - Present

Citizenship: United States of America

Languages: English
Gujarati

Licensure: New Jersey State Medical License
New Jersey State Controlled Drug Substances
Drug Enforcement Agency Controlled Substances

Board General Surgery, American Board of Surgery
Certification: Certification Number

Initial certification - March 2004 – December 2014
Recertification – December 2012 – December 2024
Added certification in Surgical Critical Care, American Board of Surgery
Certification Number
Initial certification – October 2004 – December 2015
Recertification – September 2014 – December 2025

Certification: Advanced Trauma Life Support (ATLS) Instructor Course Director – 2014 - Present
Advanced Trauma Life Support (ATLS) State Faculty - 2013 - Present
Advanced Trauma Life Support (ATLS) Course Director – 2010 – Present
Advanced Trauma Life Support (ATLS) Instructor, 2004 – Present
Advanced Trauma Life Support (ATLS) Provider, 2003 – Present
Bleeding Control (BCon) Instructor, 2018 - Present

Professional Development: ACCP Critical Care Ultrasound Course, 2012
ACS Surgeons as Educators Course, 2012
National Research Mentoring Network training for educators, 2018
Trauma Informed Care, 2018

Awards and Honors: American Health Council Best In Medicine Award 2018
Nominated for NJMS Golden Apple Teaching Award 2018
Best Off-Service Attending Teaching Award by NJMS Emergency Medicine Residents, 2017
New Jersey Health Foundation Excellence in Teaching Award, 2017
Nominated for NJMS Golden Apple Teaching Award, 2017
University Hospital Governing Council Service Award 2017
New Jersey Medical School Golden Apple Teaching Award, 2016
University Hospital Medical Staff Ten Year Service Award, 2016
University Hospital Recognition for Service Excellence and Patient Satisfaction 2016
New Jersey Medical School Golden Apple Teaching Award, 2015
University Hospital Recognition for Service Excellence and Patient Satisfaction 2015
New Jersey Medical School Golden Apple Teaching Award, 2014
University Hospital Recognition for Service Excellence and Patient Satisfaction 2014
Excellence in Teaching Award - UMDNJ Surgery Chief Residents, 2013
University Hospital Recognition for Service Excellence and Patient Satisfaction 2012
University Hospital EMS Certificate of Appreciation, 2013
Nominated for NJMS Golden Apple Teaching Award, 2010, 2011, 2012
University Hospital Medical Staff Five Year Service Award
Certificate of Appreciation from Governor of Province of Negros Occidental, Philippines, 2011
University Hospital Medical Staff Five Year Service Award, 2011
Fairfield Police Department Chief's Certificate of Recognition, 2010
Best Off-Service Attending Teaching Award by UMDNJ Emergency Medicine Residents, 2010
Dinosaur Award presented by Graduating Surgery Chief Residents, 2010
New Jersey Medical School Golden Apple Teaching Award, 2009
Union County Board of Chosen Freeholders Resolution to Honor 2009
New Jersey Police Benevolence Association Honorary Life Member 2009
New Jersey Sharing Network 2006 Physician Champion, 2007
ACS-COT Southern California Chapter Resident Paper Award, 2004
Nominated for NJMS Golden Apple Teaching Award, 2003
ACS-COT New Jersey Chapter Resident Paper Award, 2000
Shock Society Travel Grant Award, 2000
Carrell Biology Medal (Top Graduating Biology Major), 1993
Marion Merrell Dow Research Fellowship, 1992.
Alpha Sigma Nu (Jesuit National Honor Society), 1992-1993
Beta Beta Beta (Honorary Biological Research Society), 1992-1993
Loyola College Presidential Scholar, 1990-1993

<u>Professional Societies:</u>	Fellow - American College of Surgeons, 2009 Fellow - American Association for the Surgery of Trauma, 2010 Fellow – Southeastern Surgical Congress, 2012 Society of Critical Care Medicine, 2003 Eastern Association for the Surgery of Trauma, 2006 Association for Surgical Education, 2011 American College of Surgeons New Jersey Chapter, 2007 American Medical Association, 1993 Benjamin Rush Surgical Society, 2005 Shock Society, 2000 - 2008
<u>Leadership Positions in National Societies:</u>	Councilor representing New Jersey in Southeastern Surgical Congress, 2012 – 2015
<u>National Committees:</u>	Association for Surgical Education – Information Technology Committee, 2012 Association for Surgical Education – Clerkship directors committee, 2014 – Present Association for Surgical Education – Curriculum committee, 2014 - Present Association for Surgical Education – Multi-institutional education research committee, 2014 – Present Association for Surgical Education – Education Technology committee, 2018 - Present American Association for the Surgery of Trauma – Education Committee, 2016 – Present Southeastern Surgical Congress – Membership Committee, 2015 - 2017
<u>Regional Committees:</u>	American College of Surgeons – Committee on Trauma, New Jersey Chapter, 2011 – Present Committee on Applicants of American College of Surgeons, New Jersey District #1 – 2011 – Present New Jersey Brain Death Regulation Task Force 2011 - 2015
<u>Medical School Committees:</u>	NJMS Learning Environment Workgroup - 2011 LCME Medical Student Subcommittee – 2011 NJMS Organ Based Integrated Curriculum Taskforce 2013 - Present Clinical clerkship workgroup 2013 – Present Clinical curriculum advisory committee 2014-Present NJMS Faculty Council 2014 – 2016 NJMS Award Selection Committee 2015 - Present
<u>Hospital Committees:</u>	Donor Council – Chair, 2008 - Present University Hospital Governing Council – Member at large – 2013 – 2016 Medical Executive Committee – Member at large – 2013 – 2016 Bioethics Committee, 2009 – Present Emergency Department Chief of Service Search Committee Combined Critical Care Committee, 2008 - Present Prognosis Committee – 2011 - Present Safe anticoagulant committee, 2010 - Present EPIC Physician Steering Committee, 2011 - 2015 CPOM Orderset Committee, 2011 – 2015 EPIC Clinical Documentation Committee, 2013 – 2015
<u>Department Positions/ Committees:</u>	Trauma PI Medical Coordinator, 2009 - 2014 Surgical Education Workgroup, 2011 - Present Surgical Clinical Competency Committee, 2012 – 2016 General Surgery Program Evaluation Committee 2014 - Present Surgical Critical Care Fellowship Clinical Competency Committee – Chair 2016 – Present

Member 2014 – 2016

Trauma Division Chief Search Committee 2016 – 2017

Surgery Clerkship Committee – Chair 2017 - Present

Ad Hoc American Journal of Surgery

Reviewer:

Humanitarian Surgical mission to Occidental Negros, Philippines with ISHI, February 2011

Missions: Surgical mission to Kabala, Sierra Leone with ISHI – November 2013

Employment: *Medical School:*

Medical Education Database Administrator, 1996-1997

Computer Consultant for University of Maryland Office of Medical Education, 1994-1995

Undergraduate:

Student Consultant for Loyola College Information Services, 1991-1992

Manuscripts:

Anjaria DJ, Rameshwar P, Xu D, Adams CA Jr, Forsythe RM, Sambol JT, Hauser CJ, Deitch EA, Livingston DH. Bone Marrow Failure Induced by Hemorrhagic Shock is Partially Mediated by the Gut. *Surg Forum*. 2000. 51:169.

Qian J, Yehia G, Molina C, Fernandes A, Donnelly R, **Anjaria D**, Gascon P, Rameshwar P. Cloning of human preprothymosin-I promoter and the role of cyclic adenosine 5'-monophosphate response elements in its expression by IL-1 and stem cell factor. *J Immunol*. 2001. 166:2553.

Rameshwar P, Joshi DD, Yadav P, Qian J, Gascon P, Chang VT, **Anjaria D**, Harrison JS, Song X. Mimicry between neurokinin-1 and fibronectin may explain the transport and stability of increased substance P immunoreactivity in patients with bone marrow fibrosis. *Blood*. 2001. 97:3025.

Anjaria DJ, Rameshwar P, Deitch EA, Xu DZ, Adams CA, Forsythe RM, Sambol JT, Hauser CJ, Livingston DH. Hematopoietic failure after hemorrhagic shock is mediated partially through mesenteric lymph. *Crit Care Med*. 2001. 29:1780.

Song X, Mohr AM, Rameshwar P, **Anjaria D**, Fekete Z, Hauser CJ, Livingston DH. Delayed differentiation of HL-60 cells following exposure to hypoxia. *J Surg Res*. 2002. 108:243.

Livingston DH, **Anjaria D**, Wu J, Hauser CJ, Chang V, Deitch EA, Rameshwar P. Bone marrow failure following severe injury in man. *Ann Surg*. 2003. 238:748.

Deitch EA, Forsythe R, **Anjaria D**, Livingston DH, Lu Q, Xu DZ, Redl H. The role of lymph factors in lung injury, bone marrow suppression, and endothelial cell dysfunction in a primate model of trauma-hemorrhagic shock. *Shock*. 2004 22:221.

Coimbra R, Hoyt DB, **Anjaria DJ**, Potenza BM, Fortlage D, Hollingsworth-Fridlund P. Reversal of anticoagulation in trauma: a North-American survey on clinical practices among trauma surgeons. *J Trauma*. 2005. 59:375.

Acosta JA, Hoyt DB, Schmid-Schonbein GW, Hugli TE, **Anjaria DJ**, Frankel DA, Coimbra R. Intraluminal Pancreatic Serine Protease Activity, Mucosal Permeability and Shock: A Review. *Shock* 2006. 26:3.

Frankel DA, Acosta JA, **Anjaria DJ**, Porcides RD, Wolf PL, Coimbra R, Hoyt DB. Physiologic response to hemorrhagic shock depends on rate and means of hemorrhage. *J Surg Res*. 2007. 143:276.

Deitch EA, Senthil M, Brown M, Caputo F, Watkins A, **Anjaria D**, Badami C, Pisarenko V, Doucet D, Lu Q, Feketeova E, Xu DZ. Trauma-shock induced gut injury and the production of biologically active intestinal lymph is abrogated by castration in a large animal porcine model. *Shock*. 2008. 30:135.

Monaghan SF, **Anjaria D**, Mohr A, Livingston DH. Necrotizing fasciitis and sepsis caused by *Aeromonas hydrophilia* after crush injury of the lower extremity. *Surgical Infections*. 2008. 9:459.

Mohr AM, Lavery RF, Sifri ZC, **Anjaria DJ**, Koernig R, Deitch EA, Livingston DH. Gender differences in glucose variability following severe trauma. *Am Surg*. 2010. 76:896-902.

Jones GC, Coutinho K, **Anjaria D**, Hussain N, Dholakia R. Treatment of recurrent Rapunzel Syndrome and Trichotillomania: a case report and literature review. *Psychosomatics*. 2010. 51:443.

Livingston DH, Lavery RF, N'kanza A, **Anjaria D**, Sifri ZC, Mohr AM, Mosenthal AC. Obesity does not increase morbidity and mortality after laparotomy for trauma. *Am Surg*. 2013. 79:247-52.

Murano T, Fox AD, **Anjaria D**. Acute splenic syndrome in an African-American male with sickle cell trait on a commercial airplane flight. *J Emerg Med*. 2013. 45:e161-5.

Anjaria DJ, Ullmann TM, Lavery R, Livingston DH. Management of colonic injuries in the setting of damage control laparotomies – one shot to get it right. *J Trauma Acute Care Surg*. 2014. 76:594.

McGreevy CM, **Anjaria DJ**, Kunac A. Non-operative management of a penetrating injury to the retrohepatic inferior vena cava. *Am Surg*. 2016. 82:212-213.

King N, Kunac A, Merchant AM, **Anjaria DJ**. Development and Validation of an Affordable, Non-Perishable Suturing Simulator. *Am Surg*. 2017. 83:e39-e42.

Invited Reviews:

Anjaria DJ, Mohr AM, Deitch EA. Haemorrhagic shock therapy. *Expert Opin Pharmacother*. 2008. 9:901.

Book Chapters:

Anjaria DJ, Livingston DH. Principles of Fluid and Inotropic Resuscitation. *In: Sepsis and Multiple Organ Dysfunction*. Deitch EA, Vincent J, Windsor A (Eds). W.B. Saunders, 2002.

Anjaria DJ, Hoyt DB. Abdominal Compartment Syndrome. *In: Trauma: Resuscitation, Anesthesia, and Critical Care*. Wilson WC, Grande CM, Hoyt DB (Eds). Marcel Dekker, 2007.

Anjaria DJ, Deitch EA. Burn Fluid Resuscitation. *In: Encyclopedia of Intensive Care Medicine*. Vincent J.-L., Hall J (Eds). Springer. 2012.

Anjaria DJ, Deitch EA. Burn Injury, Compartment Syndrome. *In: Encyclopedia of Intensive Care Medicine*. Vincent J.-L., Hall J (Eds). Springer. 2012.

Anjaria DJ, Livingston DH. Thoracic wall injuries: ribs, sternal, scapular fractures, hemo- and pneumothoracies. *In: Current Therapy of Trauma and Surgical Critical Care*. Asensio JA, Trunkey DD (Eds). Mosby. 2015.

Miscellaneous Publications:

Anjaria DJ. Waste Nothing. (Photograph publication in Highlights 2011) *Lancet*. 2011. 378:2079.

Oral Presentations:

Anjaria DJ, Rameshwar P, Xu, D, Adams CA Jr, Forsythe RM, Sambol JT, Hauser CJ, Deitch EA, Livingston DH. "Shock Induces Bone Marrow Injury and Migration of Hematopoietic Precursors to Remote Organs Which is Partially Mediated Through Mesenteric Lymph." Shock Society, June 2000.

Anjaria DJ, Rameshwar P, Xu D, Adams CA Jr, Forsythe RM, Sambol JT, Hauser CJ, Deitch EA, Livingston DH. “Bone Marrow Failure Induced by Hemorrhagic Shock is Partially Mediated by the Gut.” American College of Surgeons, Oct 2000.

Anjaria DJ, Ullmann TM, Lavery R, Livingston DH. Management of colonic injuries in the setting of damage control laparotomies – one shot to get it right. American Association for the Surgery of Trauma, Sept 2013.

Anjaria DJ, Murano T, Sifri ZC, Kunac A, Fox AD, Tyrie L, Mosenthal AC, Mohr AM, Walling P, Livingston DH. Can Advanced Trauma Life Support (ATLS) Predict Junior Resident Performance? Association for Surgical Education, April 2015.

Invited Speaker:

“Care of the severely injured Jehovah’s Witness.” UMDNJ Department of Surgery Trauma Grand Rounds. November 2004.

“Care of the severely injured Jehovah’s Witness.” Kern Medical Center Department of Surgery Grand Rounds. December 2004.

“Fluid Resuscitation – What’s New?” 28th Annual San Diego Postgraduate Assembly in Surgery. February 2005.

“Involvement of Critical Care Specialists to Maximize Donor Management” 2nd Annual National Learning Congress on Organ Donation and Transplantation, October 2006.

Hospice Foundation of America Teleconference, March 2007.

“Fluid Resuscitation – What’s New?” St. Joseph Medical Center Department of Surgery Grand Rounds, May 2007.

“Donor Management – Use of Intensivists to Improve Organ Yield” American Society of Multicultural Health and Transplant Professionals, September 2007.

“Brain Death: Diagnosis and Communication” JFK Medical Center, NJ Neuroscience Institute Grand Rounds, March 2008.

“The Critical Care Team – Critical to Organ Donation” 2nd Annual New Dimensions in Trauma Nursing, April 2008.

“Brain Death: Diagnosis and Communication” Organ Donation Breakthrough Collaborative: Current Trends and Best Practices, June 2008.

“Current Management of Intestinal Failure” 8th Annual Clinical Nutrition Symposium, September 2010

Moderator for the Trauma Section – New Jersey Chapter of American College of Surgeons Annual Meeting, December 2010

“Managing the Potential Organ Donor” New Jersey Chapter of American College of Surgeons Annual Meeting, December 2010

“Treatment of Acute Traumatic Brain Injuries” Healthsouth Rehabilitation Hospitals of New Jersey, February 2011

“No Donor Left Behind: Maximizing Organ Donation - Every Donor, Every Time” Jersey City Medical Center Grand Rounds, September 2011

“Brain Death: Getting it Right” New Jersey Tissue and Organ Sharing Network, December 2011.

“No Donor Left Behind: Maximizing Organ Donation - Every Donor, Every Time” Bayshore Hospital Grand Rounds, April 2012

Southeastern Surgical Congress Annual Meeting poster session moderator, February 2013

“No Donor Left Behind: Maximizing Organ Donation” Holy Name Medical Center Grand Rounds, January 2014

Southeastern Surgical Congress Annual Meeting poster session moderator, February 2014

“Maximizing Opportunities for Organ Donation” Jamaica Hospital Medical Center Department of Surgery Grand Rounds, September 2014

“Maximizing Opportunities for Organ Donation” JFK Medical Center Neuroscience Institute Grand Rounds, October 2014

Discussant of podium presentation “Risk factors for postoperative unplanned intubation: Analysis of a national database.” at Southeastern Surgical Congress, February 2015.

“Organ Donation: Let’s Talk About It” at 10th Annual Organ Donation Awareness Day at Bergen Community College, March 2017.

Moderator of American Association for Surgery of Trauma Grand Rounds series (online), May 2017

“Capstone Courses: What, How and Why It is Important for You” Association for Surgical Education Annual Meeting, Troubleshooting Your Clerkship Course, April 2018

Lectures:

“The 80-Hour Work Week: Implications for Surgical Education.” UMDNJ Department of Surgery Grand Rounds. May 2003.

“The evolution of appendicitis management: still a surgical disease?” UMDNJ Department of Surgery Grand Rounds. February 2007.

“Care of the severely injured Jehovah’s Witness.” UMDNJ Department of Anesthesia Grand Rounds. August 2007.

“Massive Transfusion Protocols in Trauma.” UMDNJ Department of Surgery Grand Rounds, September 2008.

“Resuscitation and Massive Transfusion Protocols.” UMDNJ Department of Anesthesia Grand Rounds, October 2010.

“Mechanical Ventilation 101” UMDNJ Department of Emergency Medicine Grand Rounds, October 2011

“Brain Death: Diagnosis and Communication” UMDNJ Department of Neurology Grand Rounds, August 2012

“Brain Death: Diagnosis and Communication” UMDNJ Department of Medicine, September 2012

“Brain Death” UMDNJ Internal Medicine Clinical Pathology Conference, October 2012

“Care of the severely injured Jehovah’s Witness.” UMDNJ Department of Emergency Medicine Grand Rounds. November 2012.

“Trauma – an algorithmic approach” Rutgers University Department of Emergency Medicine Grand Rounds January 2013

“Trauma Triage & Transport” Rahway Hospital, December 2013.

“The Hidden Curriculum” Rutgers NJMS Department of Surgery Grand Rounds, 2015

“Initial Assessment and Management of the Critically Injured Patient” Rutgers School of Dental Medicine
Department of Oral and Maxillofacial Surgery Grand Rounds, 2016

“Evolution of the Duty Hour Restrictions” Rutgers NJMS Department of Surgery Grand Rounds, 2017

“Evolution of the Duty Hour Restrictions” Rutgers NJMS GME Faculty Development Lecture Series, 2017

“Evolution of the Duty Hour Restrictions” Rutgers NJMS GME Department of Otolaryngology Grand Rounds, 2018

“Initial Assessment and Management of the Critically Injured Patient” Rutgers School of Dental Medicine
Department of Oral and Maxillofacial Surgery Grand Rounds, 2018

Faculty Development Sessions Taught:

“The Hidden Curriculum” Rutgers NJMS Department of Surgery Grand Rounds, 2015

“Evolution of the Duty Hour Restrictions” Rutgers NJMS GME Faculty Development Series, 2017

“Capstone Courses: What, How and Why It is Important for You” Association for Surgical Education Annual
Meeting, Troubleshooting Your Clerkship Course, April 2018

Advancement through Engagement and Mentoring Session, Rutgers – NJMS Office of Education, 2018

Medical School Courses Taught:

Patient Centered Medicine (PCM) 1 – 1st year medical student core course
Small group faculty facilitator – 2016 – Present

Patient Centered Medicine (PCM) 2 – 2nd year medical student core course
Small group faculty facilitator – 2016 – Present

Disease Processes, Prevention and Treatment (DPPT) - 2nd year medical student course
Acute abdomen lecture 2011, 2012, 2013, 2014, 2015, 2016
Shock lecture 2013, 2014, 2015

Medical Physiology (MP) – 1st year medical student course
Shock – A Clinical Correlation lecture 2015

Physical examination – 1st year medical student core course, 2012, 2014
Created abdominal examination video/podcast
Small group faculty facilitator

Advanced physical examination – 2nd year medical student course, 2014
Abdominal exam instructor

Advanced communication skills – 2nd year medical student core course, 2012, 2013, 2014, 2015
Small group faculty facilitator

Ethics, humanism and professionalism – 1st year medical student core course, 2012, 2013, 2014
Small group faculty facilitator

Hands on Surgery Elective – 1st and 2nd year medical student elective,
“Choosing the Path” Lecture 2011, 2012, 2013,
“So you want to be a Surgeon” Lecture 2014, 2015, 2016

Intensive review of medicine - 4th year medical student USMLE Step 2 review course, 2013

Surgical Boot Camp – 4th year medical student elective
Mechanical ventilation lecture and practical lab 2014, 2015, 2016, 2017
Shock lecture 2014, 2015, 2016, 2017
Ultrasound practical lab 2014, 2015, 2016, 2017
Trauma simulation 2015, 2016
Surgical Emergencies simulation 2015, 2016, 2017

Surgical skill cadaver lab 2015, 2016
Order writing practical 2015
Leadership simulation 2015
Surgical prepping and draping 2015, 2016, 2017
Instrument identification 2015
Pronouncing Death 2017
Residents as Teachers 2017
Pain Management 2017
Basics of Ultrasound 2017
Emergency Surgical Procedures 2017
Informed consent 2017
Central Line simulation/practical 2017
Reading CT Chest/abdomen/pelvis 2017
Laparoscopic skills lab 2017

Rutgers Graduate School of Biomedical sciences courses taught

The Host Response to Injury

First Response and Emergency care of the injured – lecture 2016, 2017, 2018

Rutgers NJMS Premedical Courses

SMART Program – Trauma Surgery – Lecture 2016, 2017, 2018

FIRST Program – Trauma Surgery – Lecture 2016

Mentoring:

Timothy Ullman – NJMS Medical student mentored in clinical research project and through acquisition of surgical residency program – 2011 – 2014

Dedicated medical student Careers in Medicine mentor for approximately 20 medical students per class year 2011 - Present

Abstracts:

Gascon P, Rao G, Rameshwar P, Qian J, **Anjaria DJ**. “Mechanism of early integration of breast cancer in the bone marrow. Role of preprotachykinin-I (PPT-I). American Society Hematology, 1999.

Anjaria DJ, Rameshwar P, Qian J, Hauser CJ, Livingston DH. “Trauma Inhibits Bone Marrow (BM) CD34+ Cell Proliferation Through an Alteration In BM Stroma Cellularity and Function.” Surgical Infection Society, April 2000.

Anjaria DJ, Rameshwar P, Xu, D, Adams CA Jr, Forsythe RM, Sambol JT, Hauser CJ, Deitch EA, Livingston DH. “Shock Induces Bone Marrow Injury and Migration of Hematopoietic Precursors to Remote Organs Which is Partially Mediated Through Mesenteric Lymph.” Shock Society, June 2000.

Hauser CJ, Fekete Z, Adams JM, Adams CA, Forsythe RM, Xu D, Sambol JT, Lu Q, **Anjaria DJ**, Livingston DH, Deitch EA. “Interactions Between Lipid and Peptide G-Protein Coupled Receptors In Rat PMN Model Human Inflammation.” Shock Society, June 2000.

Fekete Z, Hauser CJ, Adams JM, Adams CA, Forsythe RM, Xu D, Sambol JT, Lu Q, **Anjaria DJ**, Livingston DH, Deitch EA. “Trauma/Hemorrhage Activates Rat PMN Responses to Multiple G-Protein Coupled Chemoattractants.” Shock Society, June 2000.

Rameshwar P, Gascon P, Qian J, Fernandes A, Chang V, **Anjaria D**, McCall L, Joshi DD. Increased levels of substance P (SP) are transported in myelofibrosis by complexing to fibronectin (FN). 28th World Congress of International Society of Hematology. August 2000.

Anjaria DJ, Rameshwar P, Xu D, Adams CA Jr, Forsythe RM, Sambol JT, Hauser CJ, Deitch EA, Livingston DH. "Bone Marrow Failure Induced by Hemorrhagic Shock is Partially Mediated by the Gut." American College of Surgeons, Oct 2000.

Anjaria DJ, Rameshwar P, Xu D, Adams CA Jr, Forsythe RM, Sambol JT, Hauser CJ, Deitch EA, Livingston DH. "Hematopoietic failure following hemorrhagic shock is partially mediated through mesenteric lymph." American Association for the Surgery of Trauma. Oct 2000.

Mohr AM, Wang L, **Anjaria D**, Osband A, Sifri Z, Lavery RF, Livingston DH. The effect of commonly used ICU medications on myelopoiesis and erythropoiesis. Society of Critical Care Medicine. Jan 2003.

Anjaria DJ, Frankel DA, Porcides RD, Loomis WH, Coimbra R, Hoyt DB. Severity of the physiological response to hemorrhagic shock is variable on rate and method of hemorrhage. American College of Surgeons – Committee on Trauma, November 2004.

Frankel D, Hoyt D, **Anjaria D**, Coimbra R, Kawahara M, Gchmid-Schonbein G, Hugli T. Relative efficacy of gut protease inhibition post hemorrhagic shock – nafamostat is best. Shock Society, June 2005.

Frankel DA, **Anjaria DJ**, Kawahara M, Dib Porcides R, Loomis WH, Coimbra R, Schmid-Schonbein GW, Hugli TE, Hoyt DB. Gut intraluminal pancreatic protease activity is effectively inhibited by nafamostat in the duodenum and jejunum after hemorrhagic shock. American Association for the Surgery of Trauma. Sept 2005.

Anjaria DJ, Frankel DA, Kawahara M, Dib Porcides R, Loomis WH, Wolf PL, Coimbra R, Schmid-Schonbein GW, Hugli TE, Hoyt DB. Gut intraluminal pancreatic protease inhibition prevents architectural destruction and matrix metalloproteinase-9 activation following hemorrhagic shock. American Association for the Surgery of Trauma. Sept 2005.

Miao H, Acosta JA, Kawahara M, Frankle DA, Loomis W, **Anjaria DJ**, Hugli TE, Hoyt DB, Schmid-Schonbein GW. Inhibition of enteral enzyme with futhan reduces mesenteric lymph-induced endothelial cell death. Shock Society. June 2006.

Mohr AM, Lavery RF, Sifri ZC, **Anjaria DJ**, Koernig R, Deitch EA, Livingston DH. Sugar and spice is not a vice: sex differences in blood glucose following severe trauma. American Association for the Surgery of Trauma. September 2006.

Mohr AM, Lavery RF, Sifri ZC, **Anjaria DJ**, Livingston DH. Is aggressive treatment of hyperglycemia warranted in multiply injured patients with significant head injury. Society of Critical Care Medicine – 35th Annual Critical Care Congress, January 2007.

Monaghan S, **Anjaria D**, Mohr A, Livingston D. Necrotizing Fasciitis And Sepsis Due To Aeromonas Hydrophila After Crush Injury To The Lower Extremity. Western Trauma Association. March 2007.

Anjaria D, Reitsma W, Goerlitz, Mohr A, Sifri Z, Lavery R, Livingston D. Identifying opportunities to increase organ donation through a systematic analysis of statewide inpatient deaths. Society of Critical Care Medicine Critical Care Congress, January 2011.

Sifri ZC, White C, Lavery RF, Mohr AM, **Anjaria D**, Mosenthal AC, Livingston AC. Early tracheostomy following trauma reduces total ventilator days. American Association for the Surgery of Trauma, September 2011.

Anjaria DJ, Koransky R, Lavery RF, Ross SE, DiFazio L, Axelrad A, Livingston DH. Death after life: an analysis of late deaths in survivors of severe trauma. American Association for the Surgery of Trauma, September 2011.

Murano T, Fox A, **Anjaria D**. Altitude-Induced Splenic Infarction in a Patient With Sickle Cell Trait on a Commercial Airplane Flight. New Jersey Chapter of American College of Emergency Physicians – Scientific Assembly, May 2012.

Anjaria DJ, Ullmann TM, Lavery R, Livingston DH. Management of colonic injuries in the setting of damage control laparotomies – one shot to get it right. American Association for the Surgery of Trauma, Sept 2013.

Anjaria DJ, Livshits V, Lavery R, Livingston DH. Amputation without extremity trauma: a rare complication of severe shock after major trauma. Southeastern Surgical Congress, February 2015.

Anjaria DJ, Murano T, Sifri ZC, Kunac A, Fox AD, Tyrie L, Mosenthal AC, Mohr AM, Walling P, Livingston DH. Can Advanced Trauma Life Support (ATLS) Predict Junior Resident Performance? Association for Surgical Education, April 2015.

McGreevy CM, Kunac A, **Anjaria DJ**. Non-operative management of a penetrating injury to the retrohepatic inferior vena cava. Southeastern Surgical Congress. February 2016.

King N, Kunac A, Merchant A, **Anjaria D**. Development of an affordable suture simulator. Southeastern Surgical Congress. February 2016.

Revised 5/10/18