

ANJAY KUMAR KHANDELWAL, MD, FACS, FICS

PROFESSIONAL INTERESTS

Burns/Burn Reconstruction
Complex wound management
Trauma
Surgical critical care
Surgical nutrition
Surgical education
International Outreach

PERSONAL

Date of birth: October 26th, 1974
Place of birth: Phoenixville, PA
Citizenship: USA
Marital Status: Married, Cathleen Khandelwal, MD (Faculty, Digestive Disease Institute, Cleveland Clinic, OH)
Contact: Work: MetroHealth Medical Center
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Cleveland, OH 44109
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BOARD CERTIFICATION

December 2006 **Board Certified,
American Board of Surgery**
September 2009 **Board Certified,
Surgery Critical Care**

CURRENT APPOINTMENT

Assistant Professor of Surgery Case Western Reserve University School of Medicine
2013 – Present Cleveland, OH
Assistant Professor of Bioethics Case Western Reserve University
2015 – Present Cleveland, OH
Director Comprehensive Burn Care Center, MetroHealth
2017 – Present Cleveland, OH
Co-Director Institute of Burn Ethics, MetroHealth
2015 – Present Cleveland, OH
Surgeon Division of Trauma, Critical Care and Burns
2013 – Present MetroHealth Medical Center
Cleveland, OH

CURRENT WORK

Co-founder/Medical Director Camp Karma
2012 – Present Mumbai, India
Founder/Managing Member iDoc, LLC
2010 – Present
Member, Board of Directors Western Reserve Fire Museum, Cleveland, OH
2017 – Present

PREVIOUS APPOINTMENTS

Co-Director
2015 - 2017
Comprehensive Burn Care Center, MetroHealth

Associate Director
2013 – 2014
Comprehensive Burn Care Center, MetroHealth
Cleveland, OH

Assistant Professor
2010 – 2012
Department of Surgery, University of Arkansas for Medical
Sciences
Little Rock, AR

Program Director, Burn Fellowship
2010 - 2012

Interim Director, Burn Center
2010 - 2012
Burn Center at Arkansas Children’s Hospital
Little Rock, AR

Section Chief, Burn Surgery
2010 - 2012
Arkansas Children’s Hospital
Little Rock, AR

Internship Site Supervisor
2011 – 2012
University of Arkansas at Little Rock
Master of Arts in Counseling

Wichita Surgical Specialists, PA
2008 - 2010
Wichita, KS

**Medical Director,
Center for Wound Healing**
2009 - 2010
Via Christi Regional Medical Center
Wichita, KS

**Assistant Program Director,
General Surgery Residency**
2009 - 2010
University of Kansas School of Medicine – Wichita
Wichita, KS

Clinical Assistant Professor
2008 – 2010
Department of Surgery
University of Kansas, School of Medicine
Wichita, KS

Instructor
2006 - 2007
Department of Surgery, University of Washington
Seattle, WA

FELLOWSHIP

Surgical Critical Care
2007 – 2008
University of North Carolina, UNC Hospitals
Chapel Hill, NC

Clinical Burn Fellowship
2006 – 2007
University of Washington, Harborview Medical Center
Seattle, WA

CHIEF RESIDENCY

General Surgery
2005 – 2006
Temple University/Conemaugh Memorial Medical
Center
Johnstown, PA

RESIDENCY

General Surgery
2002 – 2005
Temple University/Conemaugh Memorial Medical
Center
Johnstown, PA

INTERNSHIP

General Surgery
2001 – 2002
Temple University/Conemaugh Memorial Medical
Center
Johnstown, PA

General Surgery (Preliminary)
PennState Milton S. Hershey Medical Center

2000 – 2001 Hershey, PA

Rotating Internship M.Y. Hospital and S.G. Cancer Hospital
1998 – 1999 Madhya Pradesh, India

EDUCATION

Medical School Sri Devaraj Urs Medical College
1992 – 1997 Karnataka, India

Bachelor of Medicine, Bachelor of Surgery (MB,BS)

MEDICAL LICENSURE

2013 – Present Ohio State Board of Medicine
(Active License – 35.122389)
2010 - Present Arkansas State Medical Board
(Active License – E-6714)
2008 – 2010 Kansas Board of Healing Arts
(Inactive License – 0433482)
2007 - 2008 North Carolina State Board of Medicine
(Inactive License - 2007-01285)
2006 – 2008 Washington State Board of Medicine
(Inactive License – MD00046923)
2006 – Present Federation Credentials Verification Service
2001 – 2006 Pennsylvania State Board of Medicine
(Inactive Training License)
2000 - Present Educational Commission for Foreign Medical Graduates
2000 - Present Karnataka (State) Medical Council, India
(Active Unrestricted License)

AWARDS AND HONORS

Academic

- 2017 Faculty Mentor for Theme Issue Editor, American Medical Association Journal of Ethics
- 2016 American Burn Association Annual Scientific Meeting
Poster Presentation
Best in Category
3rd Place Overall
- 2015 Presidential Honor, National Academy of Burns-India
- 2013 Doximity Fellowship Program
- 2012 Category Winner, RACE for Results Award Program
“Red Bag Waste Reduction Team”
Children’s Hospital Association
- 2011 American Burn Association/American College of Surgeons
Burn Center Verification
- 2010 First Place, Resident Trauma Paper Competition (co-authored paper)
Kansas Chapter of the American College of Surgeons

Other

- 2011 **Guest of Honor**,
Inauguration of National Institute of Rehabilitation Burn Center
Mexico City, Mexico
- 2011 Patient’s Choice Award

Surgical Residency

- 2005 Honorable Mention, Oral Presentation, “Most interesting case of 2004”
Pittsburgh Surgical Society/Southwest Pennsylvania Chapter of the
American College of Surgeons Annual Meeting
- 2004 Second Place, Poster Presentation
Pennsylvania Medical Society Annual Scientific Meeting
- 2004 First Place, Oral Presentation
Richard P. Zimmerman Memorial Lectureship Symposium
- 2004 Second Place, Oral Presentation
Richard P. Zimmerman Memorial Lectureship Symposium
- 2004 Customer Service Award, Memorial Medical Center
- 2003 Customer Service Award, Memorial Medical Center
- 2003 Customer Service Award, Memorial Medical Center
- 2003 Customer Service Award, Memorial Medical Center
- 2003 Customer Service Award, Memorial Medical Center
- 2003 Customer Service Award, Memorial Medical Center
- 2003 Customer Service Award, Memorial Medical Center
- 2002 Customer Service Award, Memorial Medical Center

Medical School

- 1996 Second Place, Annual College Debate Competition
- 1996 Grand Prize, Medical Art Competition
- 1996 First Place, Medical Art Competition
- 1996 Third Place, Medical Art Competition

CERTIFICATIONS

- 2014 – Present Advanced Trauma Life Support Instructor
- 2014 – Present **TeamSTEPPS Instructor**
- 2007 – Present **National Faculty**, Advanced Burn Life Support Instructor
- 2006 – Present Pediatric Advanced Life Support Provider
- 2005 – Present Advanced Burn Life Support Provider
- 2000 – Present Advanced Cardiac Life Support Provider
- 2000 – Present Basic Life Support Provider
- 2000 – Present Advanced Trauma Life Support Provider

PROFESSIONAL MEMBERSHIPS

- 2017 – Present American Society of Bioethics and Humanities
- 2015 – Present Ohio Chapter, American College of Surgeons
- 2015 – Present Surgical Infection Society
- 2015 – Present Eastern Association for the Surgery of Trauma
- 2014 – Present Cleveland Surgical Society
- 2012 – Present International College of Surgeons (**Fellow**)
- 2010 – 2013 Arkansas Medical Society
- 2010 – 2013 Southern Medical Association
- 2010 – 2013 Arkansas Chapter of AAPI
- 2009 – 2010 Mid-America Wound Healing Society
- 2009 – Present Wound Healing Society
- 2009 – 2010 Kansas Medical Society
- 2007 – Present Society of Critical Care Medicine
- 2006 – Present International Society for Burn Injuries
- 2004 – 2006 Southeastern Surgical Congress
- 2004 – Present American Burn Association

- 2004 – Present American College of Surgeons (**Fellow**)
- 2001 – Present American Medical Association
- 2000 – 2006 Pennsylvania Medical Society
- 1997 – Present American Association of Physicians of Indian Origin

COMMITTEE MEMBERSHIPS/APPOINTMENTS

Ohio State Burn Surge Committee

- 2016 – Present Member

Ohio Department of Health

- 2017 – Present Member, Trauma Committee

American College of Surgeons, Ohio Chapter

- 2015 – Present Member, Committee on Trauma

American Burn Association

- 2017 – Present Ex-Officio Member, Program Committee
- 2014 – 2015 Ad Hoc Member, Organization and Delivery of Burn Care Committee
- 2012 – Present Member, Ad Hoc Committee on Technology
- 2010 – Present Member, Education Committee
 - **Course Co-Director** at Education Symposium, April 2012
 - **Vice-Chair**, 2016-2017
 - **Chair**, 2017-2020

- 2009 – 2013 Member, International Outreach Committee

Northern Ohio Trauma System

- 2015 – Present Quality Improvement Committee
- 2015 – Present Protocol Committee
- 2015 – 2016 Trauma Symposium Committee

MetroHealth Medical Center

- 2016 – Present Plastic Surgery Clinical Competency Committee
- 2016 – Present Critical Care Committee
- 2015 – Present Laser Safety Committee
- 2015 – Present Hospital Preparedness Committee
- 2015 – Present Arts in Medicine Advisory Committee
- 2015 – Present Ethics Committee
- 2014 – Present Clinical Competency Committee

University of Arkansas

- 2010 – 2012 Fred Poe Traveling Fellowship

Arkansas Children's Hospital

- 2010 – 2012 ICU Committee

University of Kansas School of Medicine

- 2009 – 2011 Member, Department of Surgery Research Committee
- 2009 – 2011 Member, Nutrition Subcommittee

University of Washington/Harborview Medical Center

- 2006 – 2007 Member, Critical Care Advisory Committee
- 2006 – 2007 Member, Trauma Advisory Board

Memorial Medical Center

- 2005 – 2006 Member, Graduate Medical Education Committee
- 2005 – 2006 Member, Department of Surgery Committee
- 2004 – 2005 Member, Department of Surgery Chairman Search

Committee

- 2004 – 2006 Member, Department of Surgical Research
- 2004 – 2005 Member, Critical Care Committee
- 2003 – 2004 Member, Patient Safety Committee

VOLUNTEER EXPERIENCE

- 2011 – Present **Co-Founder and Medical Director**, Camp Karma
(India's FIRST Pediatric Burn Camp)
- 2010 - Present Children's Burn Foundation/American Burn Association
Team Leader, India visit - 2010
- 2009 – Present Children's Burn Foundation/American Burn Association
International Outreach Program
- 1995 – 1996 Vaccine Administrator,
World Health Organization/Rotary International
Pulse Polio Immunization Program, India

ADVISORY BOARD

- Member, Advisory Board Copper Mobile, Inc.
2013 – 2016 Dallas, TX
- Member, Medical Advisory Board Burn Advocates Network, Ltd.
2012 – Present Teaneck, NJ

PEER REVIEWED PUBLICATIONS

- J. Son, A. Khandelwal, K. Chepla, T. Bafus. "Use of Dermal Regeneration Template in reconstruction of a circumferential de-gloving injury of the upper extremity." *Submitted to Techniques in Hand and Upper Extremity Surgery (Awaiting publication)*
- K. Lineberry, T. Long, K. Chepla, **A. Khandelwal**. "Outcomes after thrombolytic treatment for digit preservation in high grade frostbite injury" *Submitted to Journal of Hand Surgery (Awaiting publication)*
- J. He, H. Ladhani, N. Sajankila, A. Wojahn, J. Savakus, C. Yowler, J. Claridge, **A. Khandelwal**. "American Burn Association sepsis criteria is not better than Systemic Inflammatory Response Syndrome in detecting bacteremia in critically ill burn patients" *Submitted to Burns (Awaiting publication)*
- H. Ladhani, J. He, N. Sajankila, B. Zosa, C. Yowler, J. Claridge, **A. Khandelwal**. "Utility of sequential organ failure assessment score in predicting bacteremia in critically ill burn patients" *American Journal of Surgery (In press)*
- J. O'Connor, S. Helmer, **A. Khandelwal**. "Atrial fibrillation in elderly burn patients" *American Surgeon*. 2014 Jun;80(6):623-4
- **A. Khandelwal**, M Yelvington, X. Tang, S. Brown. "Ablative Fractional Photothermolysis for Hypertrophic Burn Scars in adult and pediatric patients: A single surgeon's experience" *Journal Burn Care Research*. 2014 Sep-Oct;35(5):455-63
- G. Yu, S. Helmer, **A. Khandelwal**. "Snakebites treated at a regional burn center: report of a case series" *Kansas Journal of Medicine*. 2013; 6(2)
- P. Graham, J. Haan, S. Helmer, J. Ward, **A. Khandelwal**. "The use of a dermal regeneration template in traumatic soft tissue injuries" *Journal Burn Care Research*. March 2013;34(2): 261-6
- Z. O'Connor, S. Helmer, C. Yates, J. Ward, **A. Khandelwal**, J. Haan. "An evaluation of the effect of wind speed on trauma admissions and injury severity at a Midwest Level I Trauma Center" *American Surgeon*, May 2012; 78(5): 614-6
- T. Helling, **A. Khandelwal**. "The challenges of resident training in complex hepatic,

pancreatic and biliary procedures”

Journal of Gastrointestinal Surgery. January 2008; 12(1): 153-158

- J. Boccardo, **A. Khandelwal**, D. Yue, B. Duke. “Biliary tree MALT lymphoma: Case report and review of the literature”
American Surgeon. January 2006; 72(1): 85-88
- **A. Khandelwal**, G. Garguilo. “Therapeutic options for axillary presentation of occult breast cancer: A survey of the American Society of Breast Surgeons and review of the literature”
American Journal of Surgery. October 2005; 190(4)
- **A. Khandelwal**, B. O’hea, G. Garguilo. “Breast cancer in a patient with Poland’s syndrome”
American Surgeon. June 2004;70(6)

MANUSCRIPTS IN PROGRESS (Awaiting submission)

- *Impact and safety of a multidisciplinary perioperative fasting guideline.*
- *Developing and sustaining a model skin bank at a tertiary burn care center in a developing country.*
- *Outreach and impact of a school-based burn prevention program in a municipal school district in a developing country.*
- *Experience and implementation of a regional anesthesia pathway in burn patients.*
- *Safety of regional anesthesia in for burn patients.*
- *Teamwork based nurse-driven rounds improves nursing assessment of patient safety.*
- *Ten year history of a free burn reconstruction camp in a developing country.*
- *ABA Sepsis Criteria is not better than SIRS in predicting culture positive infection in critically ill burn patients*
- *Practical and ethical considerations for mon-zygotic sibling skin grafting.*

ORAL PRESENTATIONS

- H. Ladhani, **A. Khandelwal**, et al. “ABA Sepsis Criteria is not better than SIRS in predicting culture positive infection in critically ill burn patients” American Burn Association Annual Meeting, March 2017, Boston, MA
- J He, **A. Khandelwal**, et al. “SOFA score is better than Modified Marshall Scoring System in predicting mortality in burn patients” American Burn Association Annual Meeting, March 2017, Boston, MA
- **A. Khandelwal**. “Experience and implementation of a regional anesthesia pathway in burn patients” Eastern Great Lakes Annual Meeting, September 2016, Akron, OH
- N. Sajankila, **A. Khandelwal**. “Sequential organ failure assessment is better than modified Marshall scoring at predicting mortality in burn patients” Eastern Great Lakes Annual Meeting, September 2016, Akron, OH
- H. Ladhani, **A. Khandelwal**. “ABA sepsis criteria is not better than SIRS in detecting bacteremia in critically ill burn patients” Eastern Great Lakes Annual Meeting, September 2016, Akron, OH
- J. He, **A. Khandelwal**, et al. “ABA Sepsis Criteria is Not Better than SIRS in Detecting Bacteremia in Critically Ill Burn Patients” International Society for Burn Injuries 18th Congress, September 2016, Miami, FL
- J. He, **A. Khandelwal**, et al. “Experience and implementation with a regional anesthesia pathway in burn patients” American Burn Association Annual Meeting, May 2016, Las Vegas NV
- **A. Khandelwal**. “Teamwork based nurse-driven rounds improves nursing assessment of patient safety” American Burn Association Annual Meeting, May 2016, Las Vegas, NV
- **A. Khandelwal**. “Fractional Photothermolysis: We can do better” Eastern Great Lakes Burn Conference, November 2014, Pittsburgh, PA

- **A. Khandelwal**, M. Yelvington, M. Scoggins, S. Brown. "Fractional laser therapy for hypertrophic burn scars"
Boswick Burn and Wound Care Symposium, February 2012, Maui, HI
- **A. Khandelwal**. "Is there an app for that? BurnMD; a new mobile burn application"
Southern Regional Burn Conference, December 2011, Winston-Salem, NC
- **A. Khandelwal**, M. Yelvington, M. Scoggins, S. Brown. "Fractional laser therapy for hypertrophic scar in pediatric burn patients"
Southern Regional Burn Conference, December 2011, Winston-Salem, NC
- J. O'Connor, **A. Khandelwal**, S. Helmer, J. Haan. "An evaluation of new-onset atrial fibrillation in elderly burn patients"
Southwest Surgical Congress Annual Scientific Meeting, April 2011, Hawaii
- G. Yu, **A. Khandelwal**, S. Helmer, H. Amani. "Burn fellowships in the next millennium: the new critically ill patient?"
Region VII American College of Surgeons Resident Trauma Paper Competition, December 2010, Kansas City, KS
- G. Yu, **A. Khandelwal**, S. Helmer, H. Amani. "Burn fellowships in the next millennium: the new critically ill patient?"
Kansas Chapter of the American College of Surgeons, October 2010, Kansas City, KS
- G. Yu, **A. Khandelwal**, S. Helmer, J. Haan. "Snakebites treated at a regional burn center: report of a case series"
Kansas Chapter of the American College of Surgeons, October 2010, Kansas City, KS
- J. O'Connor, **A. Khandelwal**, S. Helmer, J. Haan. "An evaluation of new-onset atrial fibrillation in elderly burn patients"
Kansas Chapter of the American College of Surgeons, October 2010, Kansas City, KS
- **A. Khandelwal**, G. Yu, S. Helmer, H. Amani. "Burn fellowships in the next millennium: the new critically ill patient?"
American Burn Association Annual Meeting, March 2010, Boston, MA
- **A. Khandelwal**, H. Swygard, R. Stafford. "Health status of medical volunteers in Waveland, Mississippi"
North/South Carolina Chapter American College of Surgeons Annual Meeting, July 2008
Isle of Palms, SC
- T. Helling, **A. Khandelwal**. "The challenges of resident training in complex hepatic, pancreatic and biliary procedures"
American Hepato-Pancreato-Biliary Association Congress, April 2007
Las Vegas, NV
- **A. Khandelwal**, T. Helling. "Challenges of resident training in hepato-biliary-pancreatic surgery"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2006
Johnstown, PA
- **A. Khandelwal**, S. Mavridis, R. Devineni. "Pediatric thymoma: case presentation and review of the literature"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2006
Johnstown, PA
- **A. Khandelwal**, C. McKinney, A. Hussain, E. Fikri. "Carcinoid tumor and Eisenmenger's Syndrome: Can tumor resection improve intracardiac shunt?"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2005
Johnstown, PA
- **A. Khandelwal**, G. Garguilo. "Therapeutic options for axillary presentation of occult breast cancer: A survey of the American Society of Breast Surgeons and review of the literature"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2005
Johnstown, PA

- **A. Khandelwal**, R. Dumire. "Hyperbaric oxygen therapy for decompression sickness in a trapped miner"
American Trauma Society, Annual National Trauma Conference, April 2005
Arlington, VA
- T. Sterling, **A. Khandelwal**, R. Dumire. "Pediatric Peripheral Vascular Injuries"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2005
Johnstown, PA
- J. Boccardo, **A. Khandelwal**, D. Yue, B. Duke. "Biliary tree MALToma"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2004
Johnstown, PA
- **A. Khandelwal**, D. Duke. "Retrograde intussusception after Roux-en-Y gastric bypass"
Pittsburgh Surgical Society/Southwest Pennsylvania Chapter of the American College of Surgeons, "Most interesting case of 2004", January 2005
Pittsburgh, PA
- **A. Khandelwal**, G. Garguilo. "Breast cancer in a patient with Poland's syndrome"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2004
Johnstown, PA
- **A. Khandelwal**, T. Cole, G. Garguilo. "Axillary presentation of breast cancer"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2004
Johnstown, PA
- **A. Khandelwal**, J. Boccardo, D. Duke. "Retrograde intussusception after laparoscopic Roux-en-Y gastric bypass"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2004
Johnstown, PA
- **A. Khandelwal**, R. Dumire. "Hyperbaric oxygen therapy in the treatment of decompression sickness in a miner"
Richard P. Zimmerman Memorial Lectureship Symposium, April 2003
Johnstown, PA
- **A. Khandelwal**, B. Bansidhar, J. Balon, M. Najarian. "Anticoagulation and head injuries"
Richard P. Zimmerman Memorial Lectureship Symposium, May 2002
Johnstown, PA

GRAND ROUNDS PRESENTATIONS

- "The future of burn scar management" **Grand Rounds**, Department of Surgery, Michigan State University College of Medicine/Sparrow Hospital, September 2017, Lansing, MI
- "The future of history"
Grand Rounds, Department of Surgery, MetroHealth Medical Center
May 2014, Cleveland, OH
- "Burns in the Pediatric Population: A Primer"
Grand Rounds, Department of Pediatrics, MetroHealth Medical Center
February 2014, Cleveland, OH
- "Thermal Injury Management in the Emergency Department"
Grand Rounds, Department of Emergency Medicine, MetroHealth Medical Center
January 2014, Cleveland, OH
- "Initial Stabilization and Management of the Burn Patient"
Trauma Grand Rounds, Baptist Medical Center, October 2013, Little Rock, AR
- "The Wrath of the Gods of Burn"
Grand Rounds, Department of Surgery, University of Arkansas for Medical Sciences,
August 2011, Little Rock, AR
- "Alphabet soup for the surgeon: End-points of resuscitation"
Grand Rounds, Department of Surgery, University of Kansas School of Medicine – Wichita,

July 2010, Wichita, KS

- “Advances in burn critical care and the hypermetabolic response”
Grand Rounds, Department of Surgery, University of Kansas School of Medicine – Wichita, July 2009, Wichita, KS
- “Thermal, Chemical and Electrical Injuries”
Grand Rounds, Department of Family Medicine, University of Kansas School of Medicine, March 2009, Wichita, KS
- “Pediatric Thermal Injuries”
Grand Rounds, Department of Pediatrics, University of Kansas School of Medicine, March 2009, Wichita, KS
- “Thermal, Chemical and Electrical Injuries”
Critical Care Grand Rounds, Department of Surgery, UNC Hospitals, November 2008 Chapel Hill, NC
- “Sedation and analgesia for the surgical intensivist”
Critical Care Grand Rounds, Department of Surgery, UNC Hospitals, October 2008 Chapel Hill, NC
- “Burns for the plastic surgeon”
Grand Rounds, Department of Plastic and Reconstructive Surgery UNC Hospitals, February 2008, Chapel Hill, NC
- “Nutrition for the Critically Ill”
Critical Care Grand Rounds, Department of Surgery, UNC Hospitals, February 2008 Chapel Hill, NC
- “Short gut or short cut: Surgical management of morbid obesity”
Grand Rounds, Memorial Medical Center, January 2005, Johnstown, PA
- “Pediatric peripheral vascular injuries”
Grand Rounds, Department of Plastic and Reconstructive Surgery, University of Pittsburgh Medical Center, September 2004, Pittsburgh, PA

POSTER PRESENTATIONS

- N. Sajankila, **A. Khandelwal**, et al. “Ultrasound guided single injection peripheral nerve blocks for acute pain management: a prospective study” American Burn Association Annual Meeting, March 2017, Boston, MA
- **A. Khandelwal**, R. Aliota, A. Walfish, C. Yowler, J. Lovich-Sappola. “Impact and safety of multidisciplinary perioperative fasting guideline” American Burn Association Annual Meeting, May 2016, Las Vegas NV
- C. Ngana, **A. Khandelwal**, M. Gerrek. “Practical consideration for monozygotic sibling skin grafting” American Burn Association Annual Meeting, May 2016, Las Vegas NV
- **A. Khandelwal**, M. Gerrek. “Institute of Burn Ethics – Filling a Void” American Burn Association Annual Meeting, May 2016, Las Vegas NV
- M. Gerrek, **A. Khandelwal**. “Ethical considerations in monozygotic sibling skin grafting” American Burn Association Annual Meeting, May 2016, Las Vegas NV
- **A. Khandelwal**, M. Gerrek. “Ethical challenges in identical twin-twin skin grafting in burn care” Eastern Great Lakes Regional Burn Conference, October 2015, Columbus, OH
- **A. Khandelwal**, R. Aliota, A. Walfish, C. Yowler, J. Lovich-Sappola. “Nil per os: nothing or something?” Eastern Great Lakes Regional Burn Conference, October 2015, Columbus, OH
- **A. Khandelwal**, S. Davis, N. Venkateshwaran, V. Puri. “Camp Karma: Challenges and results of India’s first burn camp”. American Burn Association Annual Meeting, April 2015, Chicago, IL
- M. Burris, **A. Khandelwal**. “Burn Center treatment of wounds caused by Fusobacterium Necrophorum: A case report” Southern Regional Burn Conference, November 2012, Norfolk, VA

- A. Rinewalt, **A. Khandelwal**. "Development of a Steven-Johnson/Toxic Epidermal Necrolysis Management Pathway"
Southern Regional Burn Conference, November 2012, Norfolk, VA
- J Williams, **A. Khandelwal**. "Arkansas Burns – A Demographic Study"
Southern Regional Burn Conference, November 2012, Norfolk, VA
- P. Graham, J. Haan, S. Helmer, J. Ward, **A. Khandelwal**. "The use of a dermal regeneration template in traumatic soft tissue injuries"
American Burn Association Annual Meeting, April 2012, Seattle, WA
- M. Burris, S. Brown, **A. Khandelwal**. "Fusobacterium Necrophorum causing necrotizing soft tissue injury: a case report"
UAMS Annual Nursing Research Day, April 2012
- S. Smith, S. Brown, **A. Khandelwal**. "Use of a dermal regeneration template in the treatment of pediatric traumatic soft tissue injuries"
UAMS Annual Nursing Research Day, April 2012
- J. Williams, T. Kelly, S. Brown, **A. Khandelwal**. "Burns in Arkansas – a demographic study"
UAMS Annual Nursing Research Day, April 2012
- A. Rinewalt, **A. Khandelwal**. "Severe necrotic hematoma and epidermolysis from hood-surfing"
Southern Regional Burn Conference, December 2011, Winston-Salem, NC
- E. Spillyards, **A. Khandelwal**. "Analysis of the interruptions of enteral nutrition in an adult and pediatric burn center"
Southern Regional Burn Conference, December 2011, Winston-Salem, NC
- M. Reynolds, **A. Khandelwal**. "A static-progressive mouth splint"
American Burn Association Annual Meeting, March 2010, Boston, MA
- **A. Khandelwal**, G. Garguilo. "Therapeutic options for axillary presentation of occult breast cancer: A survey of the American Society of Breast Surgeons and review of the literature"
American Society of Breast Surgeons, 6th Annual Meeting, March 2005
Los Angeles, CA
- **A. Khandelwal**, W. Fritz, A. Hussain, E. Fikri. "Carcinoid tumor and Eisenmenger's Syndrome: Can tumor resection improve intracardiac shunt?"
Southeastern Surgical Congress, Annual Scientific Meeting, February 2005
New Orleans, LA
- J. Boccardo, **A. Khandelwal**, D. Yue, B. Duke. "Biliary tree MALToma"
Southeastern Surgical Congress, Annual Scientific Meeting, March 2005
New Orleans, LA
- S. Gupta, **A. Khandelwal**, H. Chmel, A. Hussain. "Survival after three consecutive left ventricular pseudoaneurysms"
Pennsylvania Medical Society, Annual Scientific Meeting, October 2004
Hershey, PA
- **A. Khandelwal**, R. Dumire. "Hyperbaric Oxygen Therapy for Decompression Sickness in a trapped miner"
Undersea and Hyperbaric Medical Society, Annual Meeting, May 2004
Sydney, Australia
- **A. Khandelwal**, J. Boccardo, D. Duke. "Retrograde intussusception after laparoscopic gastric bypass"
Society of American Gastrointestinal Endoscopic Surgeons 2004 Scientific Session
March 2004, Denver, CO
- **A. Khandelwal**, B. O'hea, G. Garguilo. "Breast cancer in a patient with Poland's syndrome"
Southeastern Surgical Congress, Annual Scientific Meeting, January 2004
Atlanta, GA
- **A. Khandelwal**, T. Cole, G. Garguilo. "Axillary lymph node presentation of breast carcinoma

without detectable primary lesion”

Southeastern Surgical Congress, Annual Scientific Meeting, January 2004

Atlanta, GA

- **A. Khandelwal**, B. Bansidhar, J. Balon, T. Devineni, M. Najarian. “Anticoagulation and traumatic brain injuries”
Southeastern Surgical Congress, Annual Scientific Meeting, February 2003
Savannah, GA

INVITED LECTURES

Visiting Professorships

- “Complex wound management in the burn center: NSTI” University of Kansas, Department of Surgery, March 2017, Kansas City, KS
- “Management of the hypermetabolic response in burn patients” Ahmedabad Civil Hospital, Department of Plastics, Reconstructive and Burn Surgery, Ahmedabad, Gujarat, (India), February 2017

National

- “Use of fractional laser for hypertrophic burn scar management” 2017 HealOhio Conference, November 2017, Akron, OH
- *Panelist Speaker*, “Dispelling myths and breaking taboos: Ethics in modern burn care” American Society of Bioethics and Humanities, October 2017, Kansas City, MO
- “Advancement in hemodynamic monitoring and critical care of burn patients” MoKan Regional Burn Conference, March 2017, Kansas City, KS
- *Moderator*, Sunrise Symposium, “*Family presence in the burn center*”, American Burn Association Annual Meeting, Boston, MA, March 2017
- “*Outpatient burn management*” American Burn Association Annual Meeting, Boston MA, March 2017
- *Moderator*, Poster Rounds, Eastern Great Lakes Regional Burn Meeting, Akron, OH, October 2016
- “Complex wound management in the burn center” HealOhio Conference, October 2016, Akron, OH
- “Teamwork based nurse-driven rounds improves nursing assessment of patient safety” Agency for Healthcare Research and Quality TeamSTEPPS Conference, June 2016, Washington DC
- “Basic Burn Care” Metro LifeFlight Critical Care Symposium, June 2016, Cleveland, OH
- “*The other thermal injury*” Education Symposium, American Burn Association Annual Meeting, Las Vegas, NV, May 2016
- “*Foot and ankle burns*” American Burn Association Annual Meeting, Las Vegas, NV, May 2016
- “ICE, ICE Baby: inhalational, chemical and electrical injuries” Northern Ohio Trauma Symposium, November 2015, Cleveland, OH
- “To Burn a Burn”
Arizona Burn Symposium, October 2015, Phoenix, AZ
- “Burn Boot Camp”
Metro Life Flight Critical Care Symposium, May 2015, Cleveland, OH
- “What do I do with? – Evaluation and Management of Complex Wounds”
Metro Life Flight Critical Care Symposium, May 2015, Cleveland, OH
- “*Super bugs and super drugs*”, Education Symposium, American Burn Association Annual Meeting, Chicago, IL, April 2015
- “Winter’s a Coming”
Northern Ohio Trauma System, Annual Trauma Symposium, October 2014, Cleveland, OH

- “Burn, baby, burn: basics of burn care”
Metro Life Flight Critical Care Symposium, June 2014, Cleveland, OH
- The good, the bad and the ugly: advances in complex wound management”
Metro Life Flight Critical Care Symposium, June 2014, Cleveland, OH
- “*What’s hot to scar not*”, Educational Symposium, American Burn Association Annual Meeting, Boston, MA, April 2014
- *Moderator*, Poster Grand Rounds, American Burn Association Annual Meeting, Boston, MA, March 2014
- “Burn Basics” Cleveland EMS, March 2014, Cleveland, OH
- “*Out-patient Management of Burns*” Educational Symposium, American Burn Association Annual Meeting, Seattle, WA, April 2012
- “*Hot topics*” Southern Regional Burn Conference, Winston-Salem, NC, December 2011
- “Advances in Burn Critical Care”
Symposium for Critical Care and Emergency Medicine, March 2011, Hot Springs, AR
- “Thermal injuries”
Arkansas State Rural Trauma Symposium, November 2010, Little Rock, AR
- “Burn transfer criteria and procedures”
Arkansas State Preparedness Conference, September 2010, Little Rock, AR
- “Wounds in the rehab setting and MRSA infections”
7th Annual Wichita Sports Medicine Symposium, June 2010, Wichita, KS
- “Burns in the rural environment: what to do”
Annual Kansas Trauma Conference, June 2010, Wichita, KS
- “Advances in the management of complex wound”
Mid America Wound Healing Society, April 2010, Wichita, KS
- “Advances in burn care” Kansas Trauma Nurses Symposium, July 2009
Salina, KS
- “Initial assessment of the trauma and burn patient in a rural hospital”
South Central Regional Trauma Committee, April 2009
Great Bend, KS
- “Burn shock and resuscitation”
Sedgewick County Emergency Medical Services, March 2009
Wichita, KS
- “Burn evaluation and treatment”
Orange Country Emergency Medical Services, May 2008
Chapel Hill, NC
- “Burn resuscitation and therapy”
Trauma Learning Series, UNC Hospitals, February 2008
Chapel Hill, NC

International

- “The use of skin substitutes in burn management” Conference on Newer Modalities in Burn Management, February 2017, Vadodara, India
- “Pediatric burn management” Conference on Newer Modalities in Burn Management, February 2017, Vadodara, India
- “Nutritional management of burn patients” National Academy of Burn-India 25th Annual Conference, February 2017, New Delhi, India
- Catabolism in burns”
National Academy of Burns-India, 24th Annual Conference, February 2016, Odisha, India
- “Chemical and electrical injuries”
National Burns Centre, December 2015, Mumbai, India
- Session Chair, National Academy of Burns-India, 23rd Annual Conference, February 2015,

Ludhiana, India

- “All Systems Go: The Development of a Burn System”
National Academy of Burns-India, 23rd Annual Conference, February 2015, Ludhiana, India
- “The Hypermetabolic Burn Reponse”
National Academy of Burns-India, 23rd Annual Conference, February 2015, Ludhiana, India
- “Hypermetabolic Response and its consequences”
Annual Symposium on Burns, National Burns Centre, September 2014, Mumbai, India
- “Acute burn management and the metabolic response” 4th Annual Burns Training Program
January 2010, CMC Hospitals, Vellore, India
- “Surgical management of burns and burns of special areas” 4th Annual Burns Training Program
January 2010, CMC Hospitals, Vellore, India
- “Pain management in burns” 4th Annual Burns Training Program
January 2010, CMC Hospitals, Vellore, India
- “A practical approach to the burn patient” Burn Symposium
January 2010, Ganga Hospital, Coimbatore, India

OTHER

Instructor

- Burn Case Simulation, MetroHealth Simulation Center, NOTS Annual Trauma Symposium, October 2014, Cleveland, OH

TEACHING LECTURES

- “Burns and Complex Wound Management” Department of Surgery/General Surgery Residency, Cleveland Clinic Southpointe Hospital, July 2017 – Present, Cleveland, OH
- “Burn Anesthesia” MetroHealth Medical Center, Department of Anesthesiology
June 2017, Cleveland, OH
- “How to be a burn surgeon in 2 hours” St. Elizabeth Medical Center
September 2016, Youngstown, OH
- “Basics of Burn Care” Cleveland Clinic General Surgery Residency
May 2016 - Present, Cleveland, OH
- Trauma Case Simulations, MS IV Boot Camp
Case Western Reserve University School of Medicine, January 2014 – Present
Cleveland, OH
- “Surgery Boot Camp: Surviving the Intensive Care Unit” MS IV Boot Camp
Case Western Reserve University School of Medicine, January 2014 – Present
Cleveland, OH
- “Surviving the Intensive Care Unit”
MSIV Honors Lecture Series, Department of Surgery,
University of Arkansas for Medical Sciences, September 2011 - 2012
Little Rock, AR
- “Primer on Pediatric Burns”
Department of Pediatric Emergency Medicine,
Arkansas Children’s Hospital, May 2011
Little Rock, AR
- “Surviving the Intensive Care Unit”
Resident Lecture Series, Department of Surgery,
University of Kansas School of Medicine - Wichita, April – May 2010
Wichita, KS
- “Surviving the Intensive Care Unit”
Resident Lecture Series, Department of Surgery,

University of Kansas School of Medicine - Wichita, April 2009
Wichita, KS

- “Thermal, Chemical and Electrical Injuries”
Third-year Medical Student Lecture Series
University of Kansas School of Medicine – Wichita
2009 – 2010
- “Surviving sepsis in the intensive care unit”
Resident Lecture Series, Department of Surgery, UNC Hospitals, June 2008
Chapel Hill, NC
- “Sedation and analgesia in the expensive care unit”
Resident Lecture Series, Department of Surgery, UNC Hospital, February 2008
Chapel Hill, NC
- “Pediatric Burns”
Department of Pediatrics, Harborview Medical Center, May 2007
Seattle, WA
- “Pediatric Burns: from start to finish”
Department of Pediatrics, Harborview Medical Center, January 2007
Seattle, WA
- “Colorectal and anal surgery”
Saint Francis University, Physician Assistant Program, May 2006
Loretto, PA
- “Breast evaluation”
Saint Francis University, Physician Assistant Program, April 2003
Loretto, PA
- “Breast cancer treatment”
Saint Francis University, Physician Assistant Program, April 2003
Loretto, PA

PATENTS/INVENTIONS

- Patent: “Dermatome with Adjustable Width and Depth Guards”, Patent No. 61/640,458
- Mobile application: **BurnMD**
- Mobile application: **BurnMD Pocket**

PUBLIC OUTREACH AND EDUCATION

- Cleveland Metropolitan School District/MetroHealth “Save A Life” tour, January 2015, Cleveland, OH
- Annual Teen Safe Driving Event, October 2009, Wichita, KS

MEDIA APPEARANCES AND PUBLICATIONS

- Cleveland 19 News (Cleveland, OH) *Carl Monday Investigates*, September 25th, 2017
- Cleveland 19 News (Cleveland, OH), *Firework injuries*, June 14th, 2017
- Fox 8 News (Cleveland, OH), *Lawmakers looking to life ban on personal use of fireworks*, May 24th, 2017
- NewsChannel 5 (Cleveland, OH) WEWS-CLE, *E-cigarette burns*, February 28th, 2017
- NewsChannel 5 (Cleveland, OH) WEWS-CLE, *New stats on burn injuries*, January 28th, 2016
- New Day Cleveland (Cleveland, OH) Fox 8 News, *Laser treatment for scar removal*, August 26th, 2015
- Golden Opportunities (Cleveland, OH) WKYC, *Burns in elderly*, April 17th, 2015
- Fox 8 News at 6PM, (Cleveland, OH) WJW-CLE, February 16th, 2015

- Fox 8 News at 6PM, (Cleveland, OH) WJW-CLE, December 10th, 2014
- Fox 8 News at 6PM, (Cleveland, OH) WJW-CLE, March 31st, 2014
- NewsChannel 5, (Cleveland, OH) WEWS-CLE, *Arctic Blast: Frostbite Cases*; January 23rd, 2014
- Wall Street Journal (India Edition), *India's First Burns Camp for Kids*; October 23rd, 2013
- Cleveland Plain Dealer (Cleveland, OH), *Burn treatment: medical advances reduce hospital stays*; April 23rd, 2012
- Arkansas News (Little Rock, AR), *Laws change, but don't stop meth making in state*; March 12th, 2012
- Faith Matters, KARK (Little Rock, AR), *Faith Matters: Faith and Love*; November 6th, 2011
- Physician Spotlight, Medical News of Arkansas, July 2011
- News at 5, KTHV (Little Rock, AR), *New technique for burn victims at Arkansas Children's Hospital*; April 18th 2011
- News at 5, KAKE (Wichita, KS), *Apartment fire blamed on woman smoking while on oxygen*; March 22nd 2010
- The Wichita Eagle (Wichita, KS), *Teens get new view of driving*, October 25th 2009

MENTORSHIP/FELLOWS TRAINED

- Lauren August Clark, (MS III), *Student Advisor*, University of Arkansas for Medical Sciences, Little Rock, AR
- Anna Nicole Rinewalt, *Clinical Burn Fellow 2011-2012*, University of Arkansas for Medical Sciences, Little Rock, AR
Currently: Assistant Professor, University of Arkansas for Medical Sciences

COURSES ATTENDED

- TeamSTEPS Instructor Course, January 2014
- University of Miami/Integra Life Sciences: Regenerative course focusing on lower extremity flaps, September 2013
- SCCM Fundamentals of Critical Care Ultrasound, August 2013
- SCCM Advanced Critical Care Ultrasound, August 2013
- Advanced Surgical Skills for Exposure in Trauma, July 2013
- Crucial Conversations, VitalSmarts, July 2012
- The Advanced Course, Landmark Education, October 2005
- The Landmark Forum, Landmark Education, September 2005

COURSES TAUGHT

- Advanced Burn Life Support, (**Course Medical Director**), April 2017
Cleveland, OH
- Advanced Trauma Life Support, May 2017
Cleveland, OH
- Advanced Trauma Life Support, December 2014
Cleveland, OH
- Advanced Burn Life Support (**Course Medical Director**), May 2012
Tulsa, OK
- ABLIS Instructor Course (**Course Medical Director**), May 2012
Little Rock, AR
- Advanced Burn Life Support (**Course Medical Director**), May 2012
Little Rock, AR
- "Burns in the out-patient setting" (**Course Co-Director**), April 2012
American Burn Association Annual Meeting, Education Symposium, Seattle, WA

- Advanced Burn Life Support (**Course Medical Director**), November 2011
Little Rock, AR
- ABLIS Instructor Course (**Course Medical Director**), June 2011
Little Rock, AR
- Advanced Burn Life Support (**Course Medical Director**), June 2011
Little Rock, AR
- Advanced Burn Life Support (**Course Medical Director**), February 2011
Little Rock, AR
- Advanced Burn Life Support (**Course Medical Director**), April 2010
Wichita, KS
- Advanced Burn Life Support, March 2010
Boston, MA
- Advanced Burn Life Support (**Course Medical Director**), June 2009
Oxford, NC
- Advanced Burn Life Support (**Course Medical Director**), May 2009
Wichita, KS
- Advanced Burn Life Support (**Course Medical Director**), September 2008
Chapel Hill, NC
- Advanced Burn Life Support (**Course Medical Director**), July 2008
Charlotte, NC
- Advanced Burn Life Support (**Course Medical Director**), July 2008
Fayetteville, NC
- Advanced Burn Life Support (**Course Medical Director**), May 2008
Fayetteville, NC
- Advanced Burn Life Support, April 2007
Seattle, WA

PERSONAL INTERESTS

Drawing, painting, performing arts, architecture and interior design, traveling, cricket (the sport), various cultures/philosophy, public speaking/debate, fiction