The Wayne State Surgical Society (WSSS) had its annual meeting on Tuesday, October 23, 2018, at the Boston Marriott Long Wharf in Boston, during the annual meeting of the American College of Surgeons Clinical Congress. Outgoing president, Dr. Brian Shapiro (WSU/GS 1988/93) introduced the new president of the WSSS, Dr. Jeffrey Johnson (WSUGS 1984), and vice president, Dr. Scott Davidson (WSUGS 1990/96). Dr. Joseph Sferra (WSUGS 1991) continues on as the secretary-treasurer who gave the WSSS financial report. Current members-at-large are Dr. Pamela Johnson (WSU/GS 1984/89), Dr. Lawrence Narkiewicz (WSU/GS 2004/09), and Dr. Bruce McIntosh (WSU/GS 1989/94), and the new resident member is Dr. Anna M. Knight (WUGS 2019).

The WSSS was founded many years ago by the beloved chairman, Dr. Alex Walt, who wished to have a closer unity and a sense of family among the graduates of the WSU program. The WSSS has grown since he envisioned this united family, and now the clan has a total of 503 members who meet the modest requirements to make the commitment of the $200/year dues. Among the 503 members, there are 54 Lifetime members who have made the commitment of supporting the WSSS to the extent of $10,000 or more. This year, two additional Lifetime members were added. These include Dr. Francis Wesley (WSUGS 2007) and Dr. Jeffrey Nicholas (WSUGS 1995). The funds generated from the kind donations of the membership, especially the Lifetime members, go totally to the support of the surgical residents. The expenses for all of the senior residents to attend the annual meeting of the American College of Surgeons Clinical Congress are...
covered by the WSSS, and there are several other functions during the year, which are supported by the WSSS. Those who are dues-paying members of the WSSS are invited to attend, without charge, the annual Detroit Trauma Symposium organized by Dr. Larry Diebel (WSU/GS 1980/86). This is the oldest trauma symposium in the country and, in the minds of many, the best! Each year, Dr. Diebel is able to attract over 700 participants to this annual symposium, which has the leading speakers in the nation providing exciting education.

If you know the address or email of those who are listed in the “Missing Emails” of the monthly email report, please forward such information to the WSSS at dwaring@med.wayne.edu, so they can also be informed about all that is going on with the WSSS.

Immediately prior to the annual Detroit Trauma Symposium there is the annual WSSS Lecture. The 2017 lecturer was Dr. Martin Schreiber, the Chief of the Trauma/Acute Care Surgery/Critical Care Division at the Oregon Health Sciences University. He presented an outstanding lecture entitled “New Frontiers in Blood Transfusions.” This year’s WSSS Lecturer will be Dr. Lena Napolitano, Professor of Surgery at the University of Michigan School of Medicine, Acute Care Surgery (Trauma, Burns, Critical Care, Emergency Surgery), Program Director of the Surgical Critical Care Fellowship (6 fellows annually), and Associate Chair for the Department of Surgery. Dr. Napolitano has gained national fame in her areas of interest and will be presenting on “Emergency General Surgery (EGS) in Michigan and Worldwide” on Wednesday, November 7, 2018.

During this year’s meeting of the WSSS, all of the senior residents identified, for the attendees, their origins and their future plans for when they finish their general surgical training in June of 2019. Each of the alumni then announced the year that they finished and what they have been doing since the completion of their residency. Dr. Donald Weaver (WSUGS 1979), our Professor and Chairman, then gave a report of the department. All of the seats in the audience were full as Dr. Weaver identified the many positive things that have been
occurring in the department and defined the future objectives. Dr. Weaver also announced that the residency committee will have its hands full in that there continues to be many applicants to the program beginning in July 2019. Dr. Weaver encouraged all of the members to put the Detroit Trauma Symposium on their calendars so that they can partake of the excellent scientific and clinical papers that will be presented at the MGM Casino on Thursday, November 8, and Friday, November 9, 2018.
November 2018

Our 2019 graduates, Dr. Andrew Hollenbeck, Dr. Anna Knight, Dr. Osama Zahriya, and Dr. Naresh Sundaresan and his bride, Dr. Devina Sundaresan.

Dr. Donald Weaver (WSUGS 1979) (left) and Dr. Larry Bucci (WSUGS 1991) (right).

Dr. Mike Mueller (WSUGS 1995) and his bride, Mrs. Karen Mueller.

Dr. Anna Ledgerwood (WSUGS 1972), Dr. William Cirocco (WSU 2005), his bride, Mrs. Susan Cirocco, and Dr. Charlie Lucas (WSU/GS 1962-67).

Dr. Anne Missavage (WSU/GS 1980-85) and her daughter, Ms. Laura Clark.

Dr. Abubaker Ali (WSUGS 2015), Dr. Lauren Marquette (WSUGS 2019), her husband, Scott Marquette, Dr. Jennifer Bradley (WSUGS 2015), her husband, Mr. David Bradley, and Dr. Samantha Tarras (WSUGS 2011).

Dr. Anne Missavage (WSU/GS 1980-85) and Dr. Hanna Smith (Dr. Randy Smith’s daughter-in-law).

Dr. Erin Perrone (WSUGS 2012) and Dr. Adrian Kant (WSUGS 2007).

Dr. Effie Pizornos (WSUGS 2012) and Dr. Adrian Kant (WSUGS 2007).
Dr. Heather Dolman (WSU/GS 2000/06), Dr. Sandy Sessions Engwall (WSUGS 1983), Dr. Anna Ledgerwood (WSUGS 1972), Dr. Hannah Smith (daughter-in-law of Dr. Randy and Patti Smith), and Mrs. Patti Smith

Something caught the interest of both Dr. Donald Weaver (WSUGS 1979) and Dr. David Edelman (WSU/GS 2002/09)

Dr. Choichi Sugawa and his bride, Mrs. Natsuko Sugawa

(Left to right) Dr. Scott Davidson (WSU/GS 1990/96), his bride, Mrs. Melissa Ann Davidson, and Dr. Mark Dittinbir (WSUGS 1990)

Dr. Anna Ledgerwood (WSUGS 1972) chats with Dr. Lindsay Kelly (WSUGS 2019)

Dr. Sandy Sessions Engwall (WSUGS 1983), Dr. Anna Ledgerwood (WSUGS 1972), Dr. Hannah Smith (daughter-in-law of Dr. Randy and Patti Smith), and Mrs. Patti Smith

Dr. Choichi Sugawa and Dr. Moiz Dawood (WSUGS 2019)
Earlier this century, the American College of Surgeons established a new program whereby specific surgeons would be recognized at the annual meeting as “Icons”. Thus far, approximately 25 surgeons have received this honor. The recipients for this honor for 2018 included Dr. Donald Trunkey, Dr. John L. Cameron, Dr. Kenneth A. Forde, Dr. Anna M. Ledgerwood (WSUGS 1982), and Dr. Charles E. Lucas (WSU/GS 1962/67). Both Drs. Lucas and Ledgerwood feel honored and humbled by receiving this honor and thank all of the former residents who collaborated on many research projects in order to make this recognition possible. Dr. Larry Diebel (WSU/GS 1980/86) had the difficult tasks of putting together many documents to allow for the presentation to be made within a specific time frame.
The poster entitled, “John M. Howard: A Pioneer in Vascular, Trauma, and Pancreatic Surgery,” was sponsored by Dr. Joe Sferra and won the 2nd place award in the history posters as indicated by the red ribbon on the left. The following is the summary of the poster presentation.

Personal Life: From humble beginnings, John Howard was born to Fontaine and Mary Howard on August 24 of 1919 in Prattville, Alabama. Growing up on a cotton plantation, John and his 3 siblings were each tasked with tending to a patch of cotton after school. This along with his Methodist upbringing instilled a work ethic that would continue throughout his life.


Academic Career: After undergoing medical school and residency training for general surgery at the University of Pennsylvania, John M Howard joined the faculty of Baylor University in 1950. Soon after, he was deployed to the 46th Army MASH unit, where he was assigned to head the US Army’s surgical research team for two years. Afterward, Dr. Howard returned to Baylor University, working with the renowned heart surgeon Michael DeBakey for two more years.

His work in surgical innovation and education continued as with his appointments as the Chair of Surgery at Emory University College of Medicine and Hahnemann University College of Medicine. Eventually he would arrive at the Medical College of Ohio, currently known as the University of Toledo College of Medicine.

During the Korean War, Dr. John Howard was deployed to the 46th Army Mobile Army Surgical Hospital (MASH) unit, where he was assigned to head the US Army’s surgical research team. He was one of two fully trained surgeons in all of the American Korean efforts.

High amputation rates: At the outset of the Korean war, a vascular injury to an extremity was treated via ligation using suture or hemostat clamps. This effectively stopped bleeding, saving a soldier’s life; unfortunately, this tended to also irreparably crush the vessel. Using this technique led to an amputation rate of 63%.

Potts Principle Clamps: Meanwhile in the US, a device called the Potts Principle clamp was being used to treat ‘blue baby syndrome’ via the Blalock-Taussig shunt. Captain Howard saw this as a possible solution to the high morbidity rate of current vascular stasis techniques and requested 6 devices. Unfortunately, due to high demand, his request was put on a waitlist that would take months to fulfill. Instead of waiting and risking numerous soldiers losing a limb, Dr. Howard and his colleagues fabricated a letter stating that all patents would be broken if they did not immediately receive their order. The clamps were received within two weeks.

The 1st ‘authentic vascular fellowship’: Captain Howard gathered surgeons from each camp and began training them using the new clamps on local stray dogs. This lasted for one day, after which the surgeons returned to their duties. With these techniques, the amputation rate fell from 63% to 7%.

Acute Kidney failure: Mortality rate of severe injuries without acute renal failure was 5-10%, whereas mortality with renal failure was 90-95%. Captain Howard and his colleagues created dialysis machine out of 200 feet of cellophane sausage casings and IV tubing, reducing the mortality in these situations significantly.

Dr. John Howard’s laboratory where he developed and studied other numerous innovations such as resuscitation techniques, replenishment of fluid and electrolytes, the use of prompt surgical intervention, and plastic bags for storage of blood.

A MASH unit: Casualties were first brought to Battalion Aid Stations from the front lines, stabilized, and then shipped by ambulance to a MASH unit 8 miles away. Dr. Howard’s efforts during the war in MASH units is widely accepted to be an inspiration for Trapper John from the popular TV show M*A*S*H.
Post-war contributions: Upon returning from the war, Dr. Howard was set on continuing to improve the field of emergency and trauma medicine. In 1960, he was tasked with chairing the Committee on Emergency Medical Services for the National Research Council (NRC). During this thirteen year endeavor, Dr. Howard published Accidental Death and Disability: the Neglected Disease of Modern Society which chronicled the shortcomings of the United States’ approach to trauma.

In 1968, Dr. Howard founded the American Trauma Society serving as president for 2 years.

Development of the Emergency Medical system: In 1973, Dr. Howard joined faculty at the Medical College of Ohio, where he was granted $2.5 million to test EMS services he developed under the NRC. A 15 county-wide Emergency Medical Service was developed, leading to the country-wide system in place today.

Examples of improvements from the grant include:
- 911 system
- Standardized Emergency Medical Technicians training
- Standardized Paramedics training
- Medical Requirement for Ambulance Design
- Emergency Medical Communication System

Spoils of War: Through the US Army’s surgical research team’s work, Dr. John Howard and his colleagues published a 4 volume journal on their findings titled Battle Casualties in Korea: Studies of the Surgical Research Team

Whipple Procedure: During Dr. Howard’s civilian career, he was best known as a renowned pancreatic surgeon. In 1968, experts began demanding that the Pancreatico-Duodenectomy procedure for pancreatic cancer reach a moratorium due to its 25% mortality rate. As was the case throughout his career, John Howard exceeded expectations and published ‘Forty-one consecutive Whipple resections without an operative mortality’ to prove it was still a valuable procedure.

400 scientific papers
12 books: Wrote, Edited or Co-authored
31 Book Chapters

Awards of Distinction
National Research Council
American Trauma Society
International Congress of Surgeons
Toledo Surgical Society
Japan Surgical Society
Japanese Association of Hepato-Biliary-Pancreatic Surgery

Honorary Degrees
Royal College of Surgeons of Edinburgh
College of Surgeons of Brazil

Following the Korean War, Captain John Howard was presented with the Legion of Merit by President Eisenhower.

Dr. Howard contributed to significant advancements in the field of vascular and trauma surgery. He implemented new techniques and medical treatment both during his service in the Korean war and subsequent return to the United States. As an innovator in pancreatic surgery, he saved the Whipple procedure from moratorium, and added to the wealth of medical knowledge by teaching and publishing hundreds of academic papers.
BURN CENTER ACTIVITIES

The 46th Annual Eastern Great Lakes Burn Conference was held on September 20-21, 2018 at the Sheraton Ann Arbor Hotel in Ann Arbor, Michigan. Members from the American College of Surgeons Verified Burn Center at Detroit Receiving Hospital were represented.

Dr. Michael White (WSU/GS 1990/97), the burn center director, presented a paper on “Burn Triage—Moving Burns into the Burn Clinic and Out of the Emergency Department.” Dr. White presented the recent advances that have been made within the burn center.

Ms. Dawn Spratke, BSN, RN, presented “Ringing the Bell: The Emotional Healing After a Major Burn,” which described some of the long-term effects after receiving a major burn.

Dr. Raymond Yost, PhD, presented “Therapeutic Enoxaparin in a Severely Burned Patient: A Case Report and Literature Review.”

Dr. Brandi Roelk, MA, presented “A Case Study in Integrative Psychological Care of a Severely Burned Patient,” which outlined the important mental changes that occur following a severe burn injury.
Dr. Yvan Silva is an unusual individual who epitomizes the combined strength of both artistic and scientific creativity. He has published his “Cyber-Memoir” ([www.vyansilva.com](http://www.vyansilva.com)), which summarizes many of his artistic contributions along with his contributions as a surgeon, surgical researcher, and teacher of medical students and surgical residents. This “Cyber-Memoir” is available online and is worth accessing in order to appreciate his many talents and contributions.

During his years on the full-time faculty within the department of surgery from 1967 through 1993 when he accepted the directorship of the residency program at the North Oakland Medical Center in Pontiac, Yvan was a very busy surgeon who accepted a wide variety of challenges with trauma and acute care surgery, vascular access surgery, and transplantation. He was highly regarded as a teacher of our medical students and is one of the few individuals on the medical school faculty to have received the “Staff Award” on three separate occasions. Not included in his curriculum vitae, which includes over 50 publications, are some of the early studies that he performed on porcine liver transplantation, when this was on the forefront, and his studies on islet cell transplantation following pancreatectomy in patients with severe recurrent pancreatitis and insulin dependent diabetes. This work was done well before it reached its current level of popularity. He became a national leader with his activities on easing the transition of foreign medical graduates into the American way of life as they completed their training in their desired specialty. He is an accomplished entertainer and a wonderful singer with one of his albums referring to him as “The Singing Surgeon.” His teaching skills were highly respected at the North Oakland Medical Center, where he was chosen by the surgical residents as being their best teacher for many years. It is worthwhile to go online and review his “Cyber-Memoir” to appreciate his multiple talents in creative arenas of surgical science and the entertainment arts. His new creative project is below.

Dr. Yvan Silva’s most recent creative activity is a tribute in words and music to “The Prophet”, Kahlil Gibran (1883-1931). Gibran was born into a family of Maronite Christians in Bsharri, a village in Lebanon. They settled in a ghetto in the South End of Boston when he was 12. Unschooled, he drew and painted, displaying an innate communion with nature and human forms. At the age of 15, his parents sent him to a Maronite college in Beirut for three years. Returning to Boston, he began publishing his collections of poems, parables, and stories. In 1904, a seminal exhibition of
his drawings gave him wider acclaim. He spent a year in Paris in 1908 and, in 1911, was drawn to New York, which he saw as the epicenter of creativity. He moved into an apartment to live and work. After two books in Arabic, he decided to write in English, publishing “The Prophet” in 1923. A worldwide phenomenon when it was published, this masterpiece is now almost one hundred years old and continues his rich legacy. He wrote seventeen books, nine in Arabic and eight in English. Kahlil Gibran is the third best-selling author of all time, Shakespeare the first and the second, Lao-tzu, the ancient Chinese philosopher. Kahlil Gibran died in 1931 in New York.

In 1923, Gibran published “The Prophet” which was about Almustafa, a holy man, who, after living in exile for 12 years in the city of Orphalese, awaits “The Coming of the Ship” to take him back to the isle of his birth. The people gather at the city gates to bid him farewell. Almitra, a seeress who knew him, first beseeches him as their prophet to speak to them of his truth and wisdom. They are outlined in a series of 26 prose poems that weave a tapestry of lessons described as “transcendent and timeless” - that remain vivid and relevant today. In “The Farewell,” he speaks of his days with the people, the deepest observations, and he shares of himself, and as he prepares to embark, he predicts his return “in a moment of rest upon the wind”.

Dr. Silva narrated this work, which was accompanied by music played Mr. Mark Nilan.
The Wayne State University School of Medicine again celebrated its 150th anniversary with an outstanding symposium entitled “Frontiers in Medicine and Science.” The sesquicentennial planning committee represented all of the basic departments and the clinical departments that deal with immunology, including oncology. The daylong program included national experts in the basic science area. Multiple posters from the WSU scientists were presented including the importance of apoptosis related genes in ovarian cancer, the APOBEC3 enzymes in the efficacy of DNA interstrand crosslinking, novel small molecular inhibitors in antitumor efficacy, endocrine disruptor exposure from human sperm, isoflavones and apoptosis as part of proinflammatory signaling, vision restoration with improved ChR variants in mice, ACE inhibitors and biomarkers in patients with hypertension and left ventricular hypertrophy, PAX2 effects on ocular morphogenesis, transcriptional activation of epithelial to mesenchymal transition, calponin 2 effects on calcific aortic valvular disease, risk factors for adolescent anxiety and depression, influences of clinical and genetic factors in non-small cell lung cancer, antigens to detect pluripotent cancer stem cells, and the effect of depression on fear extinction.

The national lecturers included Dr. Paul Sieving from the NIH at Bethesda, Maryland, who presented “Human Ocular Gene Therapy: Considerations From X-Linked Retinoschisis”; Dr. Clyde Yancy, the Chief of Cardiology at Northwestern University who presented “Heart Failure in African Americans; A Puzzle Resolved”; Dr. Helen Maybert from Pinceton, New Jersey, who presented “Tuning Depression Circuits Using Deep Brain Stimulation”; Dr. Steven Rosenberg, from the NIH in Bethesda, Maryland, who presented “Lymphocytes as a Drug for the Treatment of Cancer”; Dr. Mina Bissell from UC-Berkley, who presented, “Why Don’t We Get More Cancer: The Importance of Extracellular Matrix and Organ Architecture”; and Dr. Michael Snyder from Stanford, who presented “Big Data and Health.” This world-class symposium was well attended and provided outstanding information.
Dr. Steven Rosenberg, the Chief of Surgery at the NIH, identified some of his personal WSU connections. He introduced his brother, Dr. Jerry Rosenberg, a long-term faculty member in the WSU Department of Surgery beginning in 1968 and extending throughout most of the 20th Century. Dr. Jerry Rosenberg (see the February, 2012 WSU Monthly Email Report) has been a very important factor in the development of kidney transplantation at WSU and has been a leader in the Michigan Kidney Transplant Program for many years. Also present at the symposium was Dr. David Rosenberg, Jerry’s son, who is the Chief of Psychiatry at the WSU SOM. David, of course, was there to visit with his famous father and famous uncle. David and Jerry were there with their spouses so that this was like a Rosenberg Reunion Day.

The Rosenberg Family
Standing: (left to right) Jennifer and her husband David, Andrew and his wife Marcia
Seated: Corliss and Jerry with their grandchildren, (left to right) Charlotte, Henry, Lily and Louisa
Dr. Asra Hashmi (WSUPS 2017) completed her Craniofacial Surgery Fellowship at the University of California, San Diego in June 2018, and Dr. Faraz Khan (WSUGS 2016) completed his Pediatric Surgery Fellowship at the University of Florida at Gainesville in June 2018. This July, they took a vacation to Pakistan to visit family. While there, they took time to tour different areas of Pakistan. Following their reestablishing relationships with their families, they went to Paris to see the “City of Lights,” including the Louvre and the Eiffel Tower. They are now both back in Loma Linda, California, at the Loma Linda University Medical Center. Loma Linda has begun construction on a new Children’s Hospital, which will be completed in 2020.

Dr. Hashmi has successfully completed her written board examination in plastic surgery and is gathering cases in order to meet the appropriate number as preparation for her oral board examination. Dr. Khan has successfully completed his written examination in pediatric surgery and is waiting to take his oral examination.

Dr. Hashmi is working with a large group of plastic surgeons. This group at Loma Linda formed an independent department that deals with both adult and pediatric surgical problems. Dr. Hashmi has been quite busy during her first month there, doing all types of plastic surgery with special emphasis on cranial reconstruction and surgery. During this past month, she has also been involved with ear reconstruction, forehead flap rotation, and complicated hand injuries involving external fixation.

Dr. Khan is with a group of five pediatric surgeons including three full-professors and two new members of the department. During his first month there, he has done over 25 procedures including laparoscopic appendectomy, inguinal herniorrhaphy, cholecystectomy, and small bowel resection. He has had two interesting challenges. One was a teenage girl who came in with a very severe blunt rupture of the liver resulting in avulsion of the right hepatic vein from the inferior
vena cava. He used a thoracoabdominal approach and was thankful for the teaching that he learned at the Detroit Receiving Hospital. Unfortunately, the patient was in extremis and died on the table as is typical for this type of injury where there are almost no survivors. He also was involved with the treatment of a 2-year-old boy who presented with the symptoms of small bowel obstruction. This was due to the ingestion of small magnets, which ate about 9% through the bowel wall and resulted in a closed loop obstruction. He was able to do two small bowel resections with anastomosis using the laparoscopic approach. The patient did quite well. Dr. Hashmi and Dr. Khan extend their best wishes to everybody. He can be reached at dr.farazali@gmail.com.

**PRODUCTIVITY**

Dr. William (Chuck) Conway (WSU/GS 2001/07) continues to be academically productive. This is evidenced by the report "Multiagent Neoadjuvant Chemotherapy and Tumor Response Are Associated with Improved Survival in Pancreatic Cancer" by Dr. Conway and his five co-authors. These authors looked at their current neoadjuvant therapy regimen for patients with borderline resectable pancreatic cancer who received multiagent chemotherapy and radiation therapy compared to other patients who had initially resectable pancreatic cancer. They identified 195 patients, including 133 patients with initially resectable pancreatic cancer. Their article is published in The International Hepato-Pancreato-Biliary Association Journal for 2018.

These authors identified 195 patients, including 133 patients with initially resectable pancreatic cancer. Their article is published in The International Hepato-Pancreato-Biliary Association Journal for 2018.
November 8-9, 2018
MGM Grand Detroit

Scheduled Speakers Include:

Bellal Joseph MD, FACS
University of Alaska

Karen Brasil MD, MPH
Oregon Health and Science University

Clay Cothren Burlew MD, FACS
Denver Health Medical Center – University of Colorado

Randall Chesnut MD, FCCM, FACS, FAANS
University of Washington

Rochelle Dicker MD
UCLA School of Medicine

Michael Englesbe MD
University of Michigan

Christopher Hicks MD, MEd, FRCP
St. Michael’s Hospital

Paula Ferrada MD, FACS
Virginia Commonwealth University

Andrew J. Kerwin MD, FACS
University of Florida College of Medicine

Deborah Kuhl MD, FACS, FCCM
University of Nevada Las Vegas School of Medicine

Lena Napolitano MD, FACS, FCCP, FCCM
University of Michigan

Andrew Petrosoniak MD, MSc, (Med Ed), FRCP
St. Michael’s Hospital

Robert Sawyer MD, FACS, FIDSA, FCCM
Western Michigan University

Dennis Vane MD
St. Louis University

For a complete list of topics and speakers or to register, go to:
www.DetroitTrauma.org
66th Annual Detroit Trauma Symposium

The Detroit Trauma Symposium is designed to address the continuum of care of the injured person. Presenters and attendees will represent physicians, nurses and allied health providers who work together to maintain the interdisciplinary cooperation, which is one hallmark of a coordinated system of trauma care. Attendees will gain knowledge about their own specialties as well as an increased knowledge and appreciation of the work of others on the trauma team.

2018 Detroit Trauma Symposium Speakers

- Bellal Joseph MD, FACS
  University of Arizona
- Karen Brasel MD, MPH
  Oregon Health and Science University
- Clay Cothren Burlew MD, FACS
  Denver Health Medical Center + University of Colorado
- Randall Chesnut MD, FCCM, FACS, FAANS
  University of Washington
- Rochelle Dicker MD
  UCLA School of Medicine
- Lawrence N. Diebel MD, FACS
  Wayne State University School of Medicine
- Michael Englesbe MD
  University of Michigan
- Paule Ferrada MD, FACS
  Virginia Commonwealth University
- Christopher Hicks MD, MEd, FRCPc
  St. Michael’s Hospital
- Andrew J. Kerwin MD, FACS
  University of Florida College of Medicine
- Deborah Kuhl MD, FACS, FCCM
  University of Nevada Las Vegas School of Medicine
- Anna Ledgerwood MD, FACS
  Wayne State University School of Medicine
- Lena Napoliollo MD, FACS, FCCP, FCCM
  University of Michigan
- Andrew Petrososki MD, MSc, (Med Ed), FRCPc
  St. Michael’s Hospital
- Robert Sawyer MD, FACS, FIDSA, FCCM
  Western Michigan University
- Rahul Vaidya MD, CM, FRCSc
  Detroit Receiving Hospital
- Wayne State University School of Medicine
- Dennis Vane MD
  St. Louis University
- Michael White MD, FACS
  Wayne State University School of Medicine

Welcome from the Trauma Symposium Chairman

Dear Attendees:

Welcome to the 66th Annual Detroit Trauma Symposium, the largest continuously running symposium on trauma medicine in the United States.

First, look at the speakers this year. I hope you agree it’s another great lineup.

Second, consider the sunrise sessions. Your positive response to these opportunities made it a pleasure to schedule them again this year.

Thank you for coming. We are proud that the Detroit Trauma Symposium attracts not only distinguished trauma physicians but trauma nurses, surgery and emergency medicine residents, EMTs, allied health personnel, and medical students. The audience has continued to grow from the State of Michigan to nearly every state in the U.S. plus Canada.

We invite you to take advantage of the networking opportunities throughout the symposium to connect with colleagues and future colleagues from the great field of trauma medicine.

We always welcome your comments and suggestions. We use them every year to be responsive to your interests. Hopefully, we have improved. Please keep us in mind when you have ideas for future symposia.

Sincerely,

[Signature]

Lawrence N. Diebel MD, FACS
Professor, Wayne State University School of Medicine
Senior Trauma Surgeon, DMC Detroit Receiving Hospital
Chairman, Detroit Trauma Symposium Operations Committee
CME Credit

The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Wayne State University School of Medicine designates this live activity for a maximum of 18.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- Thursday Sunrise Session A, B or C: 1.00 credits
- Thursday program: 8.75 credits
  - Thursday AM Session I – 3.75 credits
  - Thursday Lunch Session – .75 credits
  - Thursday PM Session II – 4.25 credits
- Friday Sunrise Session D, E, F or G: 1.00 credits
- Friday program: 7.25 credits
  - Friday AM Session III – 3.75 credits
  - Friday Lunch Session – .75 credits
  - Friday PM Session IV – 2.75 credits
- Total credit: 18.0 credits (including Sunrise Sessions)

This activity provides self-assessment credit toward the ABS Continuous Certification Program.

ACEP Credit

Approved by the American College of Emergency Physicians for a maximum of 18.0 hour(s) of ACEP Category I Credit(s).

CEU Credit

The Continuing Medical Education credits (CEUs) being offered at this symposium are applicable for RN/LPN license renewal in Michigan.

About DMC Detroit Receiving Hospital and the Detroit Medical Center

Detroit Receiving Hospital is one of eight hospitals operated by the Detroit Medical Center (DMC). The 320-bed adult specialty hospital offers expertise in complex trauma, critical care, neuroscience and geriatrics. Detroit Receiving is Michigan’s first Level 1 Trauma Center, offering the state’s largest burn center, with a 24/7 hyperbaric oxygen therapy program. Its emergency department cares for more than 90,000 patients annually. In its affiliations with DMC and Wayne State University School of Medicine (WSU SOM), more than 99% of Detroit Receiving physicians serve on the faculty of the WSU SOM. As a teaching institution with a comprehensive medical residency program, almost 50% of emergency physicians practicing in Michigan received some of their training at Detroit Receiving Hospital.

About Wayne State University School of Medicine

Founded in 1868, the Wayne State University School of Medicine educates more than 1,000 medical students in all four classes. In addition to undergraduate medical education, the school offers master’s degree, PhD and MD–PhD programs in 14 areas of basic science to about 400 students annually.

The School of Medicine graduates a diverse group of physicians and biomedical scientists who are transforming the promise of access to equal health into a reality for all. This is done in an urban setting and within a culture of inclusiveness, through high quality education, clinical excellence, pioneering research, local investment in our community and innovative technology, to prepare physician and biomedical scientific leaders to achieve health and wellness for our society.
Thursday, November 8, 2018

7:00 – 8:00 AM  Sunrise Session A
Cardiac Echo Part 1
Paula Forado MD, FACS
Prior ultrasound experience required, must attend Part 1 & 2

7:00 – 8:00 AM  Sunrise Session B
Simplifying Complexity: Cricothyrotomy Performance in Trauma
Andrew Petrosino MD, MSc (Med Ed), FRCPC

7:00 – 8:00 AM  Sunrise Session C
The Trauma Team Leader: How to Create a Seamless Trauma Care Team
Christopher Hicks MD, MEd, FRCPC

Session I  Moderator: Lawrence N. Diebel, MD
8:00 – 8:45 AM  Resuscitation Reconfigured: Early Prioritization in Trauma Care
Christopher Hicks MD, MEd, FRCPC
Andrew Petrosino MD, MSc (Med Ed), FRCPC

8:45 – 9:15 AM  Image-Based Resuscitation of the Hypotensive Patient
Paula Forado MD, FACS

9:15 – 9:45 AM  What Saves Brain Injured Patients? Conditions sine quibus non
Renato Cheung MD, FCCM, FACS, FAANS

9:45 – 10:00 AM  Break

10:00 – 10:15 AM  Questions / Answers / Discussion

10:15 – 10:45 AM  Hemostatic Factors in Trauma Resuscitation: A New Horizon
Bellal Joseph MD, FACS

10:45 – 11:15 AM  Thromboembolism after Trauma: Diagnosing and Treatment Dilemmas
Karen Brasil MD, MPH

Thursday, November 8, 2018

11:15 – 11:45 AM  The Brain is not a Nail: Targeted Therapy of Severe TBI
Randall Chesnut MD, FCCM, FACS, FAANS

11:45 – 12:00 PM  Questions / Answers / Discussion

12:00 – 1:00 PM  Luncheon Session: Opioids in the Trauma Patient
Mohani Englesbe MD

Session II  Moderator: Robert Welch, MD
1:00 – 1:30 PM  Closing the Revolving Door of Violence: Hospital-Based Violence Intervention
Rochelle Dickson MD

1:30 – 2:00 PM  Management of Complex Pelvic Trauma
Clay Cohran Bureau MD, FACS

2:00 – 2:30 PM  The Elderly Trauma Patient: Not Just an Old Adult
Karen Brasil MD, MPH

2:30 – 3:00 PM  Diagnosis and Management of Blunt Cerebrovascular Injuries
Clay Cohran Bureau MD, FACS

3:00 – 3:15 PM  Break

3:15 – 3:30 PM  Questions / Answers / Discussion

3:30 – 4:30 PM  Complex Trauma Cases
Moderator: Anna Laderachow MD
Drs. Joseph, Brasil, Bureau, Dicker

4:30 – 5:30 PM  Las Vegas Mass Shooting: Lessons Learned and Where Do We Go from Here?
Deborah Kahlo MD, FACS, FCCM
Friday, November 9, 2018

Session III  Moderator: James G. Tyburski MD, FACS
7:00 – 8:00 AM  Sunrise Session D
Cardiac Echo Part II
Paula Ferrada MD, FACS
Prior ultrasound experience required, must have attended Part I

7:00 – 8:00 AM  Sunrise Session E
New Concepts in Burn Research
Michael White MD, FACS

7:00 – 8:00 AM  Sunrise Session F
Damage Control for Orthopedic Injuries - When?
Rahul Vaidya MD

7:00 – 8:00 AM  Sunrise Session G
Pitfalls and Practical Knowledge for Starting Hospital-Based Violence Intervention
Rochelle Dicker MD

Friday, November 9, 2018

Session IV  Moderator: Michael White MD, FACS
11:15 – 11:45 AM  The Elephant in the Room: PTSD among Patients and Providers
Bilal Joseph MD, FACS

11:45 – 12:00 PM  Questions / Answers / Discussion

12:00 – 1:00 PM  Luncheon Session:
A Privilege, Not a Right
Dennis Vane MD

1:00 – 1:30 PM  Infection in Trauma and the ICU
Robert Sawyer MD, FACS, FIDSA, FCCM

1:30 – 2:00 PM  Trauma in the Pediatric Patient
Dennis Vane MD

2:30 – 2:30 PM  Respiratory Complications in the Spinal Cord Injured Patient
Andrew J. Kerwin, MD, FACS

2:45 – 3:15 PM  Pitfalls in the Diagnosis and Imaging of Peripheral Vascular Injuries
Andrew J. Kerwin, MD, FACS

3:15 – 3:45 PM  Tranexamic Acid in Trauma - Yes? No? Maybe?
Andrew J. Kerwin, MD, FACS

3:45 – 4:00 PM  Questions / Answers / Discussion

For more information:
313.577.3310
www.DetroitTrauma.org

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313.577.3310
www.DetroitTrauma.org

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MGM Grand Detroit

The MGM Grand Detroit is offering a special room rate of $174 per night for 2018 Detroit Trauma Symposium attendees. To receive this rate, hotel reservations must be made by October 8, 2018. Mention “Detroit Trauma Symposium” at the time the reservation is made.

MGM Grand Detroit
1777 Third Avenue,
Detroit, MI 48226
877.887.9121
www.mgmgranddetroit.com

From the West/Detroit Metro Airport
Take I-94 East to M-10 South, exit left at Bagley Avenue. Turn left on Third Avenue.

From the Detroit City Airport
From parking lot, turn right onto Gratiot and right again onto Gratiot. Follow I-94 West to M-10 South. Take M-10 South and exit left at Bagley Avenue. Turn left on Third Avenue.

From the Ambassador Bridge
After crossing over the bridge, make a right on Fort Street. Take a left on Third Avenue.

From the Detroit-Windsor Tunnel
After exiting the tunnel, turn right onto Jefferson and then immediately look around to go west on Jefferson. Continue westbound and turn right on Woodward at traffic circle, veer left, then turn right on Michigan and right on Third Avenue.

From the North
Take I-79 North to the Grand River exit. From the service drive turn left on Third Avenue.

From the South
Take I-75 North to exit 50 toward Grand River Avenue. Turn right on Third Avenue.

From the East
Take I-94 West to M-10 South. Exit left at Bagley Avenue, turn left on Third Avenue.

2018 Detroit Trauma Symposium Registration Form

One person per registration form. Make copies as needed.

Name ____________________________

Address ____________________________

City ____________________________ State _______ Zip _______

Day of Birth _______ Male Female

Registration Options

<table>
<thead>
<tr>
<th>Early Bird (through October 15)</th>
<th>Registration (after October 15)</th>
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<tbody>
<tr>
<td>Two Day Attendance</td>
<td>One Day Attendance</td>
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<tr>
<td><strong>Physician</strong></td>
<td><strong>$600</strong></td>
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<tr>
<td><strong>Resident/Fellow</strong></td>
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<tr>
<td><strong>NURSE</strong></td>
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</tbody>
</table>

Registration complimentary for WSU2 members in good standing (subject to verification).

Summit Sessions (Optional, No Fee)

Summit sessions are simultaneous. Register for only one course daily. Sign-ups are on a first-come, first-served basis. Thursday/Friday, November 8-9:

A- Synovial Joint Arthroplasty: Latest Innovations in Total Joint Replacement & Complex Knee
B- Cardiac Echo 2
C- Trauma Team Leadership
D- Orthopaedic Surgery: Perioperative Management
E- Pain Management
F- Violence Intervention
G- Orthopaedic Trauma

Lunch

Complimentary with registration. RSVP REQUIRED by October 28 (Thursday/Friday, September 28).

Check box below to receive daily and/or event information.

Payment - Credit Card or Online

Secure registration is available online at www.DetroitTrauma.org or you can provide your credit card information below and call 313.577.5310.

Card Number: ___________ Expiration Date: ___________ Signature: ___________

Check for $ ___________ made payable to: Detroit Trauma Symposium, Wayne State University, 4400 St. Antoine Blvd., Detroit, MI 48201

Cancellation Policy

Cancellations received prior to October 10, 2018 will be eligible for a full refund. Cancellations received after October 10, 2018 will be non-refundable. Cancellations received after October 28, 2018 will be non-refundable. Cancellations must be in writing to: cluie@med.wayne.edu.
WSU MONTHLY CONFERENCES

2018

Death & Complications Conference
Every Wednesday from 7-8

Didactic Lectures — 8 am
Kresge Auditorium

Wednesday, November 7

(NOTE: NEW LOCATION—Old Hutzel—Jampel Auditorium—1st Floor by KEI check-in desk/optical shop)

Death & Complications Conference

Wayne State Surgical Society Annual Lecture
“Emergency General Surgery (EGS) in Michigan & Worldwide”

Lena Napolitano MD, FACS, FCCP, FCCM
University of Michigan Medical Center

Wednesday, November 14

Death & Complications Conference

“ACS Senior Resident Presentations”

Lindsay Reilly MD; Anna Knight MD; Lauren Marquette MD

WSU Mike & Marian Ilitch Department of Surgery

Wednesday, November 28

Death & Complications Conference

“ACS Senior Resident Presentations”

Moiz Dawood MD; Naresh Sundaresan MD; Osama Zahriya MD
Chairman, WSU Mike & Marian Ilitch Department of Surgery
Wayne State Surgical Society
2018 Dues Notice

Name:
Address:
City/State/Zip:

Service Description                                                            Amount

2018 Dues Payment                     $200          ______
My contribution for “An Operation A Year for WSU”     ______
*Charter Life Member               $1000          ______
Total Paid_______________________________________________

Payment by Credit Card

Include your credit card information below and mail it or fax it to 313-993-7729.

Credit Card Number:_________________________________________
Type: MasterCard Visa Expiration Date: (MM/YY)_____ Code____
Name as it appears on card:__________________________________
Signature:__________________________________________________
Billing address of card (if different from above):
Street Address______________________________________________
City______________________ State____________ Zip Code_______

*I want to commit to becoming a charter life member with payment of $1000 per year for the next ten (10) years.

Send check made payable to Wayne State Surgical Society to:

Charles Lucas, MD
Department of Surgery
Detroit Receiving Hospital, Room 2V
4201 St. Antoine Street
Detroit, Michigan 48201

MARK YOUR CALENDARS

Western Surgical Association
November 3-6
JW Marriott Los Cabos Beach Resort
San Jose del Cabo, Mexico

WSSS Annual Lecture
Wednesday, November 7
WSU School of Medicine
Detroit, MI

Detroit Trauma Symposium
November 8-9
MGM Grand Hotel & Casino
Detroit, MI

Please Update Your Information
The WSUSOM Department of Surgery wants to stay in touch. Please email Charles Lucas at clucas@med.wayne.edu to update your contact information.
Missing Emails

Over the years the WSU Department of Surgery has lost touch with many of its alumni. If you know the email, address, or phone number of the following WSU Department of Surgery Residency Program graduates please email us at clucas@med.wayne.edu with their information so that we can get them on the distribution list for the WSU Department of Surgery Alumni Monthly Email Report.

Mohammad Ali (1973)  
Tayful R. Ayalp (1979)  
Juan C. Calzetta (1982)  
Kuan-Cheng Chen (1976)  
Elizabeth Colaiuta (2001)  
Fernando J. Colon (1991)  
David Davis (1984)  
Teoman Demir (1996)  
Judy A. Emanuele (1997)  
Lawrence J. Goldstein (1993)  
David M. Gordon (1991)  
Raghuvaram Gorti (2002)  
Karin Haji (1973)  
Morteza Hariri (1970)  
Abdul A. Hassan (1971)  
Rose L. Jumah (2006)  
Aftab Khan (1973)  
Samuel D. Lyons (1988)  
Dean R. Marson (1997)  
Syed A. Mehmood (2007)  

Toby Meltzer (1987)  
Mark D. Morasch (1998)  
Daniel J. Olson (1993)  
David Packer (1998)  
Y. Park (1972)  
Ami Raafat (1998)  
Kevin Radecki (2001)  
Renato G. Ruggiero (1994)  
Parvid Sadjadi (1971)  
Samson P. Samuel (1996)  
Knavery D. Scaff (2003)  
Steven C. Schueller (1974)  
Anand G. Shah (2005)  
Anil Shetty (2008)  
Chanderdeep Singh (2002)  
D. Sukumaran (1972)  
David G. Tse (1997)  
Christopher N. Vashi (2007)  
Larry A. Walk (1984)  
Peter Y. Wong (2002)  
Shane Yamane (2005)  
Chungie Yang (2005)  
Hossein A. Yazdy (1970)  
Lawrence S. Zachary (1985)  

Wayne State Surgical Society

The Wayne State Surgical Society (WSSS) was established during the tenure of Dr. Alexander Walt as the Chairman of the Department of Surgery. WSSS was designed to create closer contact between the current faculty and residents with the former resident members in order to create a living family of all of the WSU Department of Surgery. The WSSS also supports department activities. Charter/Life Membership in the WSSS is attained by a donation of $1,000 per year for ten years or $10,000 prior to ten years. Annual membership is attained by a donation of $200 per year. WSSS supports a visiting lecturer each fall and co-sponsors the annual reception of the department at the annual meeting of the American College of Surgeons. Dr. Brian Shapiro (WSU/GS 1988/93) passed the baton of presidency to Dr. Jeffrey Johnson (WSU/GS 1984) at the WSSS Gathering during the American College of Surgeons meeting in October 2018. Members of the WSSS are listed on the next page. Dr. Johnson continues in the hope that all former residents will become lifetime members of the WSSS and participate in the annual sponsored lectureship and the annual reunion at the American College of Surgeons meeting.
Members of the Wayne State Surgical Society
Charter Life Members

Ahn, Dean
Albaran, Renato G
Allaben, Robert D.
(Deceased)
Ames, Elliot L.
Amirikia, Kathryn C.
Auer, George
Bassett, Joseph
Baylor, Alfred
Bouwman, David
Cirocco, William C.
Clink, Douglas
Colon, Fernando I.
Conway, W. Charles
Dujon, Jay
Edelman, David
Francis, Wesley
Fromm, Stefan H.
Fromm, David G
Gayer, Christopher P.
Gerrick Stanley
Griffka Thomas J.
(Deceased)
Herman, Mark A.
Holmes, Robert J.
Johnson, Jeffrey R.
Johnson, Pamela D.
Kovalik, Simon G.
Lange, William (Deceased)
Lau, David
Ledgerwood, Anna M.
Lim, Jo-Heon
Lucas, Charles E.
McIntosh, Bruce
Montenegro, Carlos E.
Narkiewicz, Lawrence
Nicholas, Jeffrey M.
Novakovic, Rachel
Rammauth, Subhash
Rector, Frederick
Rose, Alexander
Rosenberg, Jerry C.
Sarin, J.
Shapiro, Brian
Smith, Daniel
Smith, Randall W.
Stassinopoulos, Jerry
Sullivan, Daniel M.
Sugawa, Choichi
vonBerg, Vollrad J.
Washington, Bruce C.
Walt, Alexander

WSU SOM ENDOWMENT

The Wayne State University School of Medicine provides an opportunity for alumni to create endowments in support of their institution and also support the WSSS. For example, if Dr. John Smith wished to create the “Dr. John Smith Endowment Fund”, he could donate $25,000 to the WSU SOM and those funds would be left untouched but, by their present, help with attracting other donations. The interest at the rate of 4% per year ($1000) could be directed to the WSSS on an annual basis to help the WSSS continue its commitment to improving the education of surgical residents. Anyone who desires to have this type of named endowment established with the interest of that endowment supporting the WSSS should contact Ms. Lori Robitaille at the WSU SOM. She can be reached by email at lrobitai@med.wayne.edu.