The American College of Surgeons (ACS), from the time of its inception in 1913, has been closely involved with improvement in quality of patient care. These activities included the care of injured patients and led to the development of the ACS Committee on Trauma (COT). The COT developed a more formalized system of guidelines for care of injured patients in the 1960s, which gradually led to the development of the onsite visits of experienced trauma surgeons to trauma centers. The Verification Review Committee (VRC) initiated the onsite reviews in 1988. The Detroit Receiving Hospital (DRH) was the first trauma center to be visited and, as a result, was the first Level I trauma center to be verified by the ACS. Continued verification as a Level I trauma center within this program requires sequential onsite reviews every three years. On March 27/28, 2017, DRH was revisited for the 12th time as part of its continued verification by the ACS as a Level I trauma center. The current leaders of the trauma program, who spent many hours in preparation for this external visit, include Dr. Anna Ledgerwood (WSUGS ’72), the Trauma Medical Director; Dr. Monique Butler, Vice-President of Medical Affairs, who is assigned to the trauma program; Ms. Selina Dallas, Administrative Director of Patient Services; Ms. Brenda Munemo, the Trauma Program Manager; Ms. Beth Bondy, Burn Coordinator; Ms. Sharon McQueen, Trauma Coordinator; Ms. Lisa Salerno, MTQIP Clinical Reviewer; Greta Eagger, Trauma/Burn Registrar; and Ms. Katherine Dhue, Trauma/Burn Registrar. Each of the clinical departments involved with the care of injured patients must have liaison physicians who represent their department in the trauma program and must be actively involved in the performance improvement activities as it relates to patient care peer review and system peer review activities. The

Continued Page 2
liaison physicians from the different departments include Dr. William Berk from Emergency Medicine, Dr. Sussan Salas from Neurosurgery, Dr. Rahul Vaidya from Orthopedics, Dr. Daniel Hass from Anesthesiology, Dr. Ronela Hanson from Radiology, and Dr. Heather Dolman from Surgical Critical Care. The trauma team personnel under the leadership of the Trauma Program Manager, Ms. Brenda Munemo, spent many hours preparing a thick pre-review questionnaire, which was carefully reviewed by the two external site visitors, Dr. R. Stephen Smith from the University of Florida Health Shands Hospital in Gainesville, Florida, and Dr. Joseph Cuschieri from the Harborview Medical Center in Seattle, Washington, reviewed the records of patients who were treated during the reporting year (2016) and had long meetings with the trauma team personnel in order to amplify the data within the pre-review questionnaire document. The external reviewers spent two days absorbing this massive data, after which they went back to their home institutions to complete the final report, which will be sent to the total membership of the VRC. DRH ought to hear the results of this visit sometime this summer. Our congratulations go out to the trauma team members who spent many hours in preparation for this visit.
Dr. R. Stephen Smith, the lead ACS COT site reviewer, goes over the report at the exit meeting.

(Standing left to right) Ms. Martina Pruitt, Radiology Supervisor and Ms. Katherine Dhue, Trauma/Burn Registrar.

(Standing left to right) Dr. Daniel Hass, Anesthesiology; Mr. Scott Steiner, CEO; Mr. Mark Anthony COO; Ms. Demetra Flores, PT; and Dr. Ronella Hanson, Radiology.

-dr. Padric Sweeny, Emergency Medicine; Ms. Donna Pappas, RN Manager for SICU; Ms. Christina Gravalese, OR Manager; Dr. Heather Dolman, SICU Director; and Dr. William Berk, Emergency Medicine.
Dr. Michael Dahn Becomes A Private Practitioner

Dr. Michael Dahn (WSUGS 1980) became a very busy vascular surgeon in our DMC and at our VA Hospital following the completion of his vascular surgery training at Mercy General Hospital in Muskegon, Michigan. Shortly thereafter, he became the Chief of the Vascular Division at the VAH, where he was a favorite of the surgical residents and vascular fellows along with being a very busy surgeon and productive researcher. One of the projects that Dr. Dahn was involved with during his general surgical residency dealt with the effects of supplemental albumin in severely injured patients who postoperatively were hypoalbuminemic. Dr. Dahn presented some of his findings at the University Surgeons meeting when he described how the albumin supplemented patients had reduced ionized calcium, which became bound to the albumin. This led to impaired cardiac function as estimated by the left ventricular stroke work index/pulmonary wedge pressure ratio. This, of course, follows the classic principle described in Starling’s Law.

Stimulated by these findings, Dr. Dahn looked at the effect of severe injury and sepsis on albumin synthesis in patients who were severely hypoalbuminemic. During the 1990s, Dr. Dahn published unique work showing, in man, that the hepatic metabolic response to injury and sepsis demonstrated an increase in the synthesis of albumin in these critically ill hypoalbuminemic patients (Surg 1995; 117:520) and was able to follow up that study with the monitoring of albumin synthesis in a rodent model of sepsis causing hypoalbuminemia (J Surg Res 1995; 59:287). These findings confirmed the fact that these hypoalbuminemic infected rodents had increased hepatic synthesis of albumin. Mike was able to accurately conclude that the hypoalbuminemia was due to a redistribution of albumin into the interstitial fluid space.
These were the first studies demonstrating this phenomenon. Subsequently, there have been reports confirming these findings in both man and animal studies. One is the report by Verbruggen in Clinical Nutrition, 2011; 304:469; another is the report by Barle in Clinical Science, 2006; 110:93.

Dr. Dahn reports to our extended clan that he left the Northeast and moved to Savannah, Georgia, because he became “allergic” to snow. Mike joined a private practice group (his first venture into the private sector), which provides all of the clinical vascular surgery and academic teaching to the residents of Mercer University, which is located in Savannah. All of the physicians in the group have an academic appointment in the Surgical Education Department of Mercer University. Mike is a Professor of Vascular Surgery and has been charged with developing a busy practice in Southeastern South Carolina, which is immediately adjacent to Savannah. His many South Carolina patients go to Savannah to receive their vascular care at Memorial Health. Mike describes the physicians in the vascular group as being “simply outstanding.” He describes how he has been at three other academic institutions, which are all larger than Mercer University, but that the care administered by his partners and him and the knowledge base, upon which this care is based, is the best that he has seen in vascular surgery. Mike credits his intense interest in vascular surgery to the influence upon him by Dr. Lloyd Jacobs when Lloyd was the Chief of Staff at the VAH while also being a very busy vascular surgeon. He thanks Dr. Jacobs for his “long-lasting impact on me.” Mike describes how it is “unfortunate” that he has stopped doing research, since he always took great pride in identifying himself as a career researcher. He continues to be an active member of the editorial board of the journal SHOCK, which allows him to keep his finger in new science.

Mike’s wife, Eileen, is totally retired now and really enjoys the southern lifestyle. She frequently urges Mike to retire (at least once a week) but Mike realizes that retirement would
be boring for him. Mike is still in love with clinical vascular surgery and the teaching of vascular fellows. He believes that this is a great combination, which leads to great personal rewards, which could never be achieved in retirement. Along these lines, Mike remembers that during his Detroit days, he ran a Journal Club for the residents, which took place across the street from the VAH at one of the local restaurants. He started this Journal Club in Detroit in 1990, and he continues to do the same for the Mercer surgical residents in Savannah in 2017. He emphasizes that this amounts to “quite a few articles” that were reviewed.

All of the extended clan members who are involved in critically ill patients should review the above-cited articles in order to appreciate real science at a time when many individuals are recommending additional protein supplementation when the most scientific articles show that additional protein supplementation in this setting results in only increased adipogenesis in these critically ill hypoproteinemic patients.

Dr. Mona Taleb (WSUGS 2016) has been keeping busy in her Surgical Critical Care Fellowship training at the University of Connecticut in Hartford. She is happy to report that she not only passed her written board examination last summer but has also passed her oral board examination, which she took in Salt Lake City late in March. She expresses her thanks and gratitude to all the attending surgeons for the teaching and support she received from everyone. She can be congratulated at mona.taleb@gmail.com.
The Midwest Surgical Association (MSA) meets during the summer months and provides an excellent opportunity for surgeons with spouses and children to enjoy a good scientific meeting and take part in the multiple activities in the mid-summer months. This past year, the MSA met on Mackinac Island, where they meet every other year. There were two important papers that were presented by WSU faculty.

Dr. Steve Bradley (WSUGS 1989) presented a paper on “Ultrasound Based Focused Neck Exploration for Primary Hyperparathyroidism.” His co-author was Ms. Kathleen Knodle. Looking at a series of 124 patients with primary hyperparathyroidism, they demonstrated that ultrasound guided exploration is an excellent adjunct to complete patient success. They showed that ultrasound facilitated the success for focused neck exploration in patients with primary hyperparathyroidism and recommended that the routine use of ultrasound-focused neck exploration would result in more patients being successfully treated by focused neck exploration rather than full neck exploration.

Dr. Mark Diebel (WSU/GS 2012/2017) presented a paper on “Tranexamic Acid and the Gut Barrier: Protection by Inhibition of Trypsin Uptake and Activation of Downstream Intestinal Proteases.” His co-authors were Dr. Larry Diebel (WSU/GS 1980/86) and Mr. David Liberati. They looked at tranexamic acid in a hemorrhagic shock model, which included the measurements of intestinal proteases. They concluded that tranexamic acid administration early after shock protects the gut barrier by inhibiting trypsin uptake and activity and the subsequent downstream protease cascade. They emphasized that, for tranexamic acid to be effective in this setting, it must be given early during the period of hemorrhagic shock.
March 1, 2017

Dear WSSS Alumni and Friends:

The WSSS continues to thrive, offering support to our members and the current general surgery residents at WSU. As your president, I would like to summarize events of the last year, the status of the Society, and this year’s calendar of events.

The annual meeting of the WSSS is held on the Tuesday night of the ACS week, which took place in Washington DC three weeks before the presidential election. The cocktail reception and dinner was hosted by Chairman Donald Weaver and attended by 65 members and guests. The dinner is free for members and the residents attend as guests. I was proud of the accomplishments and future plans of our chiefs. They are a credit to the program. All chiefs automatically become members of the Society, dues-free for two years.

The Annual Lectureship of the WSSS is held on the Wednesday before the Detroit Trauma Symposium. Visiting professor, Dr. Raul S. Coimbra, MD, PhD, FACS lectured on the frustrations of translating bench research into clinical practice. He is Surgeon-in-Chief at the University of California San Diego School of Medicine and Chief of the Division of Trauma, Surgical Critical Care, Burns, and Acute Care Surgery. Dr. Coimbra is both a surgeon’s surgeon and a scientist’s scientist. The depth of his experience in both real world and research settings, coupled with his wit and gentleman’s manner, made for a thrilling lecture. The Morbidity and Mortality Conference that preceded it was not to be missed.

The Detroit Trauma Symposium is second to none. It is amazing what Dr. Larry Diebel is able to accomplish year in and year out. There is something for everyone: lectures by world famous surgeons, sunrise hands-on sessions, and panel discussions. Dr. Lucas’ traditional interrogation of Detroit area chief residents “You’re in Trouble Now,” is both entertaining and informative for seasoned surgeons and medical students alike. It is a never to be forgotten experience for the ‘lucky’ resident whose turn it is. Dr. Ledgerwood’s annual grilling of the panel of professors reminds us that we are all still students.

The January-March Michael and Marian Ilitch Department of Surgery newsletter lists 117 members of the WSSS, including 57 Charter Life Members who have or will donate $10,000 to the Society, tax deductible! I am proud to tell you that we have over $192,000 in the bank and are in the process of investing a portion to ensure the Society will exist in perpetuity. Consider becoming a Life Member, invest in the future, and one of these outstanding residents may become your partner!

This year the WSSS meeting will be on Tuesday, October 24 in San Diego, California. If you haven’t been to an ACS meeting recently, come to San Diego; the meeting is well worth attending and the WSSS cocktail reception and dinner is always a good time. (As is going out on the town with the residents afterwards.)

The Detroit Trauma Symposium and the WSSS Annual Lectureship Series continue to attract world class speakers. This year the guest lecturer will be Dr. Martin Schreiber. Dr. Schreiber is the Chief of the Division of Trauma, Critical, and Acute Care Surgery at the Oregon Health and Science University in Portland, Oregon. He has extensive experience with resuscitation and has been actively involved with the military. He has been a leader in studying the balanced resuscitation regimen and he has been a pioneer in looking at the role of cryoprophylized plasma as a means of facilitating coagulation on the front lines. He has published hundreds of scientific peer review manuscripts, written many, many scientific chapters in our surgical text, and has been a leader in all of the trauma associations in the world.

The WSSS dinner will be held Tuesday, November 7th at Giovanni’s Ristorante. Dr. Schreiber will be the honored guest, but the price is steep; he must answer truthfully all questions posed. No matter how “inspired” you are by the dinner, try to make the M&M conference which precedes the WSSS Lecture on Wednesday morning, November 8th and I will introduce Dr. Schreiber and hope to see you there. Make plans to stay for the Detroit Trauma Symposium.

Serving as your President will be an honor and a privilege. The WSU Department of Surgery and the WSSS is responsible for a large part of my modest success as a surgeon. It is an organization that brings old friends together with mentors and future partners. It is worthy of your participation and support.

Sincerely,

Brian Shapiro, MD, FACS
WAYNE STATE SURGICAL SOCIETY
OFFICERS BALLOT
2017

Secretary-Treasurer:
☐ Joseph Sferra

Members-At-Large:
☐ Lawrence Narkiewicz

Resident Member:
☐ Andrew Hollenbeck

Please return ballot to Dr. Charles E. Lucas at clucas@med.wayne.edu or fax to 313-993-7729
Wayne State Surgical Society
2017 Dues Notice

Name:
Address:
City/State/Zip:

Service Description                        Amount

2017 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)_________
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

American Surgical Association
April 20-22, 2017
Philadelphia Marriott
Philadelphia, Pennsylvania

Michigan Chapter of the ACS
May 17-19, 2017
Boyne Mountain Resort
Boyne Falls, Michigan

Combined Central Surgical Association & Midwest Surgical Association
July 30-August 1, 2017
Westin River North Hotel
Chicago, Illinois

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.
**WSU MONTHLY CONFERENCES**

**2017**

**Death & Complications Conference**  
Every Wednesday from 7-8

**Didactic Lectures**  — 8 am  
Margherio Conference Center

---

**Wednesday, April 5th**  
Death & Complications Conference  
**Mark Diebel, MD**  
WSU Mike & Marian Ilitch Department of Surgery

**Wednesday, April 12th**  
Death & Complications Conference  
**“Soft Tissue Sarcoma: Advances in Diagnosis, Treatment, and Survivorship”**  
**Melissa Zimel, MD**  
WSU Mike & Marian Ilitch Department of Oncology

**Wednesday, April 19th**  
Death & Complications Conference  
**Andrew Isaacson, MD**  
WSU Mike & Marian Ilitch Department of Surgery

**Wednesday, April 26th**  
Death & Complications Conference  
**Residents’ Pre-MCOT Presentations**  
WSU Mike & Marian Ilitch Department of Surgery
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.


Wayne State Surgical Society

The Wayne State Surgical Society (WSSS) was established during the tenure of Dr. 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. Randall W. Smith (WSU/GS 1981/86) passed the baton of presidency to Dr. Brian Shapiro (WSU/GS 1988/93) at the WSSS Gathering during the 3.0 American College of Surgeons meeting in October 2016. Members of the WSSS are listed on the next page. Dr. Shapiro 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
Ames, Elliot L.
Amerikia, Kathryn C.
Auer, George
Bassett, Joseph
Baylor, Alfred
Bouwman, David
Cirocco, William C.
Clink, Douglas
Colon, Fernando I.
Conway, W. Charles
Davidson, Scott B.
Edelman, David
Flynn, Lisa M.
Fromm, Stefan H.
Fromm, David G
Galpin, Peter A.
Gayer, Christopher P.
Gerrick Stanley
Grifka Thomas J.
(Deceased)
Gutowski, Tomasz D.
Herman, Mark A.
Holmes, Robert J.
Huebl, Herbert C.
Johnson, Jeffrey R.
Johnson, Pamela D.
Kovalik, Simon G.
Lange, William
(Deceased)
Lau, David
Ledgerwood, Anna M.
Lim, John J.
Lucas, Charles E.
Malian, Michael S.
Mcintosh, Bruce
Montenegro, Carlos E.
Narkiewicz, Lawrence
Novakovic, Rachel
Rammuth, Subhash
Rector, Frederick
Rose, Alexander
Rosenberg, Jerry C.
Sarin, Susan
Shapiro, Brian
Smith, Daniel
Smith, Randall W.
Stassinopoulos, Jerry
vonBerg, Vollrad J.
(Deceased)
Washington, Bruce C.
Walt, Alexander
(Deceased)
Weaver, Donald
Whittle, Thomas J.
Wilson, Robert F.
Wood, Michael H.
Zahriya, Karim

Members of the Wayne State Surgical Society—2017 Dues

Johnson, Pamela D.
Klein, Michael D.
Kline, Gary M.
Lam, John
Whittle, Thomas J.

Operation-A-Year
January 1—December 31, 2017

Davidson, Scott B.
Ledgerwood, Anna M.
Wood, Michael H.