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2022 WSSS OFFICERS

President:Scott Davidson (WSU/GS 1990/96)Vice-President:Larry Narkjewicz (WSU; GS 2004/09)Secretary-Treasurer:Pamela Johnson (WSU/GS 1984/89)Members-at-Large:Bruce McIntosh (WSU/GS 1989/94)Jay Dujon (WSU GS 2011)Robert Holmes (WSU GS 1983)Resident Member:Dr. Michael Carge (WSU GS 2022)Dr. Ashley Malach (WSU GS 2022)

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ILITCH IMPACT

at the Wayne State University School of Medicine



ILITCH IMPACT

Excellence in Surgery

The Michael and Marian Ilitch Department of Surgery has a long and rich history of clinical greatness, educational innovation and novel research. As a direct result of llitch family support, the Department has successfully retained and recruited a mixture of surgeons at all stages of their careers- accomplished, Experienced, and eager to contribute their skills to every aspect of the surgical field. As educators and researchers, our faculty surgeons embrace changes that benefit patients, and the Michael and Marian Ilitch Department of Surgery Endowment (Ilitch Endowment) continues to serve as a valuable resource for investigative activities. Together with the biomedical engineers in the Smart Sensors and Integrated Microsystems (SSIM) Lab, faculty are actively engaged in developing new treatment methods and technologies and, in teaching the next generation of surgeons, to accelerate progress toward the medicine and surgery of the future.

Since its dedication as the Michael and Marian Ilitch Department of Surgery, faculty members have submitted a total of 143 original observations and case reports and 33 book chapters, with an additional 10 patents. It is through this work that research, including its scientific and practical contributions, is disseminated on a larger scale to advance knowledge and its applications.



Donald Weaver, M.D., FACS

Endowed support from the Michael and Marian Ilitch Department of Surgery and the Chair for Surgical Innovation has further accelerated Dr. Weaver's vision for the department, paving the way for greater faculty support, innovative technologies, and translational research - all critical areas to address as part of the Wayne State University School of Medicine's mission of health and wellness for all.

The era we find ourselves in, in surgery, is like none before. Surgery is becoming more minimally invasive, image-guided, and technologically driven. A modern surgery department must recognize these changes, embrace them, and teach its students in these evolving skills. The challenges of changing patterns of learning, of changing funding for research, and changing skill sets for clinical practices make this a time of great opportunity. New paradigms in each of these areas are needed to face the future. Our faculty bring creativity and energy to help shape surgery as it will be practiced and taught tomorrow.

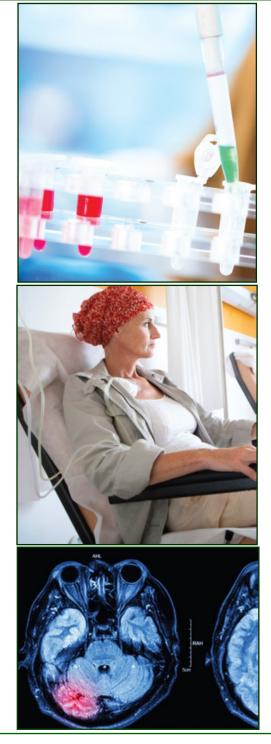


ILITCH IMPACT

These collective efforts are now recognized on a national scale. In recent news, an impartial group of academic surgeons ranked the Wayne State University School of Medicine's Michael and Marian Ilitch Department of Surgery residency program in the top half of academic programs in the country, at No. 48 out of 106 departments. The report, published in the Journal of Surgical Education, looked at online data about research funding, the impact of faculty research, and participation on the editorial boards of major surgical journals. According to department chair Donald Weaver, M.D., FACS, this was different from rankings that weigh value by polling surgical leaders concerning their opinion about programs. To be in the upper half of the academic programs is a testament to the fine work of our dedicated faculty, the residents and students who challenge us daily to excel, and the meaningful support of Michael and Marian Ilitch that has shaped the department as it stands today.

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ILITCH IMPACT





As previously reported, the following highlights are representative of scientific, medical and surgical advances made possible by the Ilitch Endowment:

Test for Mild Traumatic Brain Injury in Sportspersons

An on-field test for concussion in a sportsperson will help prevent severe neurological problems later in life.

Rapid Detection of Clostridium Difficile Toxins

A new technology could save up to 30,000 lives a year in the United States alone from a common bacterium that is growing more aggressive.

Device for Identification of Canine Infections in Stool

A device that will instantly detect parasitic infections is almost ready to sell to veterinarians and, within 2-3 years, to doctors.

Immunotherapy for Breast and Ovarian Cancer

An immunotherapy for a deadly form of breast cancer has been granted a U.S. patent and is being prepared for human clinical trials.

New Therapy for Triple-Negative Breast Cancer

A drug for ALS is being re-purposed to make chemotherapy more effecttive against a deadly form of breast cancer, with preparations for clinical trials underway.

Gene Therapy for Pancreatic and Ovarian Cancer

A way to silence the genes that cause these deadly cancers has been tested successfully.

Immunotherapy for Pancreatic, Ovarian and Colorectal Cancer

Substances that have been identified and successfully tested to kill cancer cells could be the key to an immunotherapy that prevents the cancers from developing.

CAR-T Therapy for Pancreatic and Ovarian Cancer and Multiple Myeloma

Pathways have been identified to prevent cancers from establishing a nourishing and protected environment for themselves.

Specific projects resulting from the SSIM Lab include:

Novel Hand Controller with Force Feedback

Prototype for an Automatic Hepatic Blood Pressure Regulating Device for Liver Transplants

Program Investigating the Lifespan of Surgical Catheters and Stents

Study to Analyze Properties of the Anatomic Regions of the Scalp

Diagnostic Use for Raman Spectroscopy in Bariatric Surgery



CELEBRATING OUR GRADUATES OF 2022



Dr. Derek Lim (MIS Fellow) and Dr. Josh Kong (PGY IV Surgical Resident)





Dr. Ashley Malach's family (left to right) Mrs. Suzi Malach (mother-in-law), Mr. Steve Malach (father-in-law), Dr. Don Malach (husband), Dr. Ashley Malach, Mrs. Jennie Sullivan (grandmother), Mr. Frank Sullivan (grandfather), and Mrs. Virginia Kilinske (mother)



Dr. David Springstead's family (left to right) Mr. Robert Springstead (father), Dr. Allison Springstead (bride) holding their son, Elliott, Dr. David Springstead, and Mrs. Sally Springstead (mother)



Dr. Awni Shahait (Surgical Critical Care Fellow), his bride, Dr. Lana Shahait, and their son, Jad





(Left to right) Dr. Richa Khatri (Surgical Critical Care Fellow) and Mr. Eric Darrall, RN



Dr. Nathaniel Saint-Preux's family (standing left to right) older brother, Pascal, older sister, Cassandre. (Seated left to right) older sister, Blandine, Dr. Saint-Preux, mother, Marie Saint-Preux, and father Josselin Saint-Preux



CELEBRATING OUR GRADUATES OF 2022







Dr. Solhee Lee's family (left to right), Mr. Kyung Lee father), Solhee Lee, MD, Mrs. Suk Lee (mother), Ms. Lisa Gomez



(Left to right) Dr. Laquanda Knowlin, Pediatric Surgical Critical Care Fellow and Dr. Scott Langenbery, pediatric surgeon





Dr. Launa Clough's Family (left to right) Mrs. Brea Clough (aunt), Mr. Richard Clough (Uncle), Dr. Launa Clough, her friend Kylie, Grandma Maggie, Mrs. Trish Clough (mother), and Mr. Mike Clough (father)



Administrative support (left to right) Mrs. Dana Cooley and her husband, and Mrs. Janet Damm and her husband



WSSS AND OUR GRADUATES

Each year, the graduating surgical residents are automatically entered into the Wayne State Surgical Society (WSSS) with their dues covered by the WSSS for the first two years. The 2022 cadre of graduating residents decided to make a contribution to the WSSS. Providing the contribution are Drs. David Springstead, Solhee Lee, Ashley Malach, Michael Carge, and Nathaniel Saint-Preux. The WSSS membership thanks them for their foresight and wishes all of them wonderful, successful careers.



(Left to right) Dr. David Springstead, Dr. Solhee Lee, Dr. Ashley Malach, Dr. Michael Carge, and Dr. Nathaniel Saint-Preux



2022 RESIDENT WELCOME BARBECUE

"It was a hot and sunny day to say 'hello' to the new interns and welcome back a couple of recent grads who also came! Dr. David Edelman and his wife, Nicole, hosted the welcome barbecue/pool party at their home. Everyone enjoyed getting to know each other and the family members of the new interns who are joining the department of surgery. It was a fine day for all!





SURGICAL GRAND ROUNDS

Dr. Ashley Malach (WSUGS 2022) presented the weekly Surgical Grand Rounds on June 8, 2022, titled: "Back to Basics: Ergonomics and the Operating Room." Ergonomics is a term to summarize the efficiency at work as it relates to multiple factors. Ergonomics in the operating room deals with anatomy, physiology, psychology, and engineer-



ing in such a way as to reduce the stress of operating. The objective is to define a better Dr. Ashley Malach working environment to facilitate surgical procedures, while at the same time protecting the longterm physical health of the surgeon. Dr. Malach pointed out that surgeons often place themselves in awkward positions, which produces stress on the musculoskeletal system, leading to long-term injuries and even disabilities. She emphasized posture with an effort to arrange the table and operating room equipment in such a way so that the surgeon can stand straight and work with the hands being at a level close to the waist. She emphasized that the habit of bending forward with the upper back and neck leads to unusual strain with subsequent problems with spondylosis of the neck and strain of the lower neck/upper back between the shoulder blades. She showed examples of individuals at the operating room table, leaning to one side or the other, creating excessive strain on the lumbosacral muscles and malpositioning of the floor Bovie control pad, so that the knee and foot on the leg controlling the Bovie is in an awkward position, placing undue stress on the opposite extremity.

Dr. Malach compared the different types of surgical injuries being produced by open surgery, laparoscopic surgery, and robotic surgery. Emphasis on keeping the back straight and, when using the robot, supported by a lumbar brace reduces the problems with long-term disability. The addition of intraoperative loupes or head lamps is often associated with inappropriate positioning, causing the surgeon to position his/her neck in such a way that undue muscular strain is created. As would be expected, robotic surgery may be associated with problems with wrist and hand musculoskeletal complications if not used in the appropriate manner.

Finally, emphasis was placed on the frequent reminders to re-position oneself during operations, taking short-term breaks in order to mobilize the joints, and to perform home exercises, which involve all the joints involved in doing operations. There was a lively question-and-answer period.



REPORTS FROM THE OUTFIELD

Dr. Robert Bloch (WSUGS 1984) has been a busy practitioner in Easton, Pennsylvania, which is about 75 miles from Manhattan and is now a sort of "suburb" of Manhattan. He has been involved in all sorts of activities at the hospital and is providing a follow-up as to what is currently happening.



Dr. Bob Bloch

Dear Dr. Lucas,

My hospital went through a few sales and was eventually purchased at a fire sale price by a surrounding network. They kept the hospital open for 20 beds and an ER (Pennsylvania law requires 10 inpatients beds if you have a full service emergency room). The OR and GI suites were closed for one year. The surrounding network (St. Luke's) hired all of our residents, but we had to close our award-winning surgical residency. I also was hired by St. Luke's but now have to work in four different facilities both with and without residents.

At one year out, they re-opened the OR and GI but not for emergencies. Ten months later, we are now going to open the hospital to 100 beds and build a new eight bed ICU. I also was able to talk them into buying us a new robot; the old owners had sold the one we were using. I work with PAs here and I am allowed to bring over a resident for great or unusual cases. I do work with residents at the other facilities when I am forced to go there.

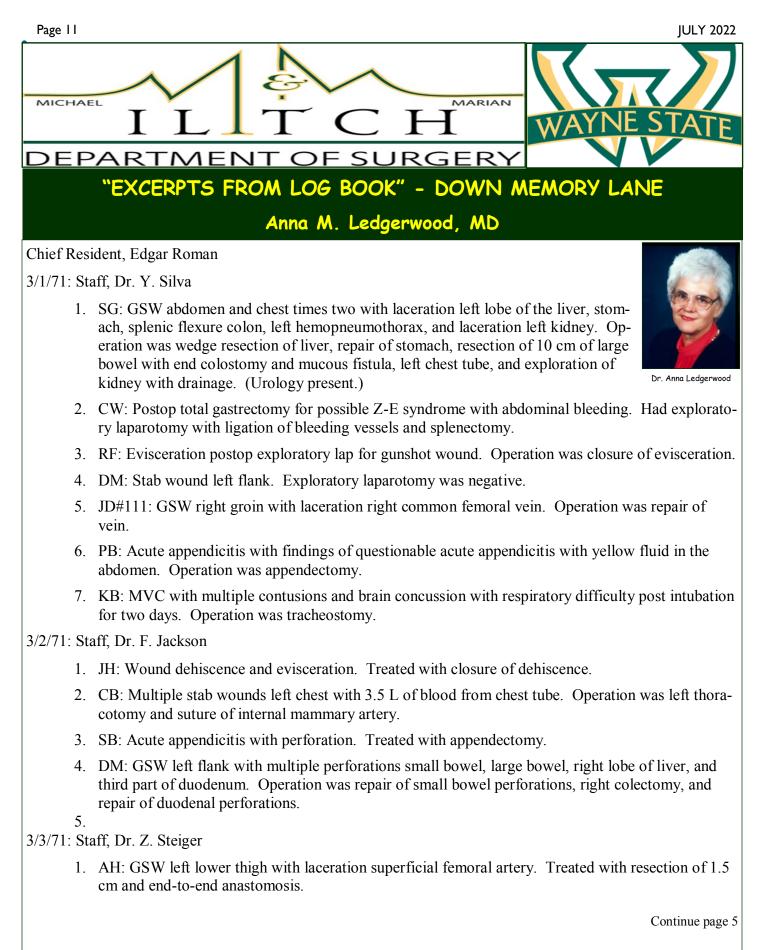
In short, I am now having a hoot! Instead of 20+ hours a week of administrative work and teaching, I am doing only one to two hours per week. My practice has lessened because of network referral patterns, but I still see a lot of patients. I do not take night or weekend call unless someone is off and no one else is available. I work about 90% of my time and salary but will be going down to 80% of my time and salary this July.

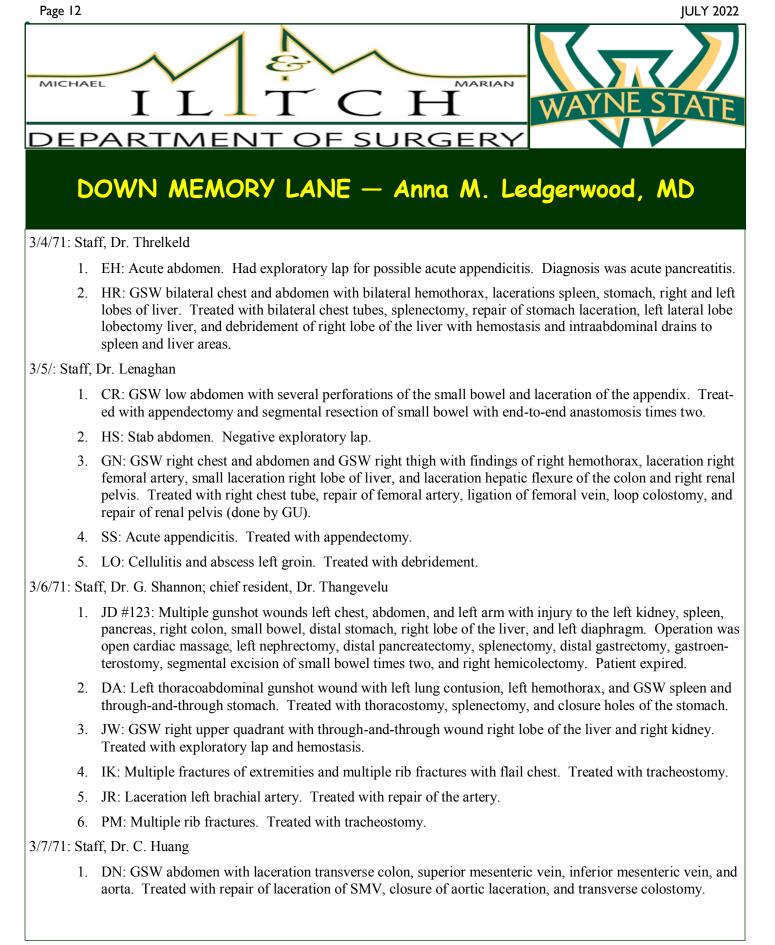
Now the juice of the matter. I used to say 71 and done, but now I'm saying 72 and through or 73 and free! I turn 70 in two weeks. My wife wants 75 if you are alive—we will see. You and I both say the same thing, that we cannot believe we are payed for what we do! Over the years I have calmed down and gained both some wisdom and also tolerance. I have realized that teaching residents takes both intellect and remarkable patience and dedication. I was (and still am) the Chief of Surgery, and I was an Associate Program Director for over 20 years. I have realized how difficult it must have been for both you and Dr. Anna Ledgerwood to put up with me. I hope I have impacted the lives of residents the way you two did mine. As a matter of respect, I have no intentions of retiring from surgery as long as you two are still working. It sounds corny, but is the least I can do.

Hope to see you in San Diego at the WSSS Annual Meeting during the time of the October Annual American College of Surgeons Meeting.



Bob (Bloch)







Page 14	JULY 2022	
MICHAEL ILITCH	Z WAYNE STATE	
DEPARTMENT OF SURGERY		
Wayne State Surgical Society	MARK YOUR CALENDARS	
2022 Donation	Midwest Surgical Association	
	August 7-9, 2022	
Name:	Grand Kotel, Mackinac Island, M.I	
Address:		
City/State/Zip:	81st Annual Meeting of the AAST	
Service Description Amount	& Clinical Congress of Acute Care	
2021 Dues Payment\$200	Surgery	
My contribution for "An Operation A Year for WSU"	September 21-24, 2022	
*Charter Life Member\$1000	Chicago, IL	
Total Paid	Incul a . On IS	
Payment by Credit Card	108th American College of Surgeons Clinical Congress	
Include your credit card information below and mail it or fax it to 313-993-7729.	October 16-20, 2022 San Diego, CA	
Credit Card Number:	Can Lugo, Cu	
Type: MasterCard Visa Expiration Date: (MM/YY) Code		
Name as it appears on card:	National Ice-Cream Day	
Signature:	July 17 th	
Billing address of card (if different from above):	e-mail	
Street Address	ern	
City State Zip Code	Diego Lindeto Vour	
*I want to commit to becoming a charter life member with payment of \$1000 per year for the next ten (10) years.	Please Update Your Information	
Send check made payable to <i>Wayne State Surgical Society</i> to:	The WSUSOM Department of Sur-	
Charles Lucas, MD Department of Surgery Detroit Receiving Hospital, Room 2V 4201 St. Antoine Street Detroit, Michigan 48201	gery 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.

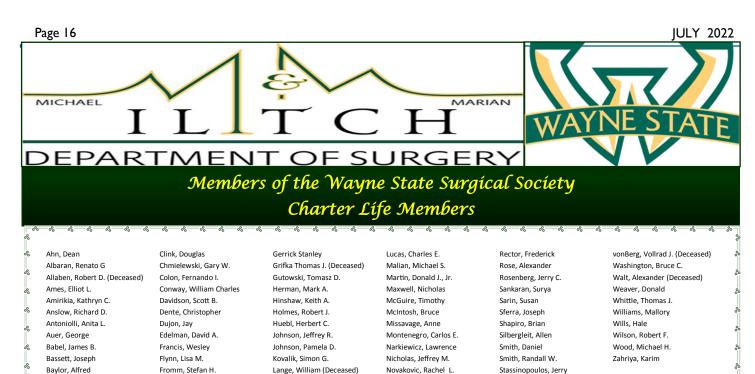
Mohammad Ali (1973) David B. Allen (1992) Tayful R. Ayalp (1979) Juan C. Aletta (1982) Kuan-Cheng Chen (1976) Elizabeth Colaiuta (2001) Fernando I. Colon (1991) David Davis (1984) Teoman Demir (1996) Judy A. Emanuele (1997) Lawrence J. Goldstein (1993) David M. Gordon (1993) Raghuram Gorti (2002) Karin Haji (1973) Morteza Hariri (1970) Harrison, Vincent L. (2009)

Abdul A. Hassan (1971) Rose L. Jumah (2006) R. Kambhampati (2003) Aftab Khan (1973) Samuel D. Lyons (1988) Dean R. Marson (1997) Syed A. Mehmood (2007) Toby Meltzer (1987) Roberto Mendez (1997) Mark D. Morasch (1998) Daniel J. Olson (1993) David Packer (1998) Y. Park (1972) Bhavik G. Patel (2004) Ami Raafat (1998) Kevin Radecki (2001)

Sudarshan R. Reddy (1984) 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) David G. Tse (1997) Christopher N. Vashi (2007) Larry A. Wolk (1984) Peter Y. Wong (2002) Shane Yamane (2005) Chungie Yang (2005) Hossein A. Yazdy (1970)

Wayne State Surgícal Socíety

The Wayne State Surgical Society (WSSS) was established during the tenure of Dr. Alexander J. 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. Scott Davidson (WSU/GS 1990/96) will pass the baton of presidency to Dr. Larry Narkiewicz (WSU/GS 2004/09) at the WSSS gathering during the American College of Surgeons meeting in October 2022. Members of the WSSS are listed on the next page. Dr. Davidson 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—2022 Dues

Perrone, Erin

Porter, Donald

Ramnauth, Subhash

Alpendre, Cristiano V. Asfaw, Ingida Babel, James Bambach, Gregory A. Barnwell, John Baylor, Alfred Bloch, Robert Bucci, Lorenzo Camero. Luis

Bouwman, David

Bradley, Jennifer

Cirocco, William C.

Carlin, Arthur Dawson, Konrad L. Dittinbir, Mark Dolman, Heather Dulchavsky, Scott A. Edwards, Ryan Fernandez-Gerena, Jose Field, Erin Gallick, Harold

Fromm, David G

Galpin, Peter A.

Gayer, Christopher P

Goltz, Christopher J. Hall, Jeffrey Hamamdjian, Khatch Hilu, John Hollenbeck, Andrew Holmes, Robert Jeffries, Christopher Joseph, Anthony Kaderabek, Douglas J.

Lau. David

Lim, John J.

Ledgerwood, Anna M.

Klein, Michael D. Kline, Gary Kosir, Mary Ann Larson, Sarah Liebold, Walter Lloyd, Larry Lopez, Peter Malian, Michael S. Marguez, Jofrances Mayuiers, Matt McGee, Jessica D. Meade, Peter C. Mueller, Michael J. Noorily, Michael Paley, Daniel S. Phillips, Linda G. Porterfield, Lee Robinson, Steven Schwarz, Karl W. Shaheen, Kenneth W. Shanti, Christina Siegel, Thomas S. Spencer, Amy Taylor, Michael G. Tennenberg, Steven Thomas, Gregory A. Thoms. Norman W.

The WSU department of Surgery has instituted a new group of alumni who are remembering their

training by donating the proceeds of one operation a year to the department. Those who join this new effort will be recognized herein as annual contributors. We hope that all of you will remember the department by donating one operation, regardless of difficulty or reimbursement, to the department to

help train your replacements. Please send you donation to the Wayne State Surgical Society in care of Dr. Charles E. Lucas at Detroit Receiving Hospital, 4201 St. Antoine Street (Room 2V), Detroit, MI, 48201.

Sullivan, Daniel M.

Sugawa, Choichi

Tuma, Martir

Vasquez, Julio Ziegler, Daniel W. Zoellner, Steven M.



Operatíon-A-Year January 1—December 31, 2022

Albaran, Renato G. Anslow, Richard D. Antoniolli, Anita L. Anthony, Joseph Bambach, Gregory A. Bradley, Jennifer Cirocco, William C.

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Chmielewski, Gary W. Conway, William Charles Davidson, Scott Dente, Christopher Dujon, Jay Edelman, David A. Francis, Wesley

r W. Gallick, Harold harles Gayer, Christopher P. Gutowski, Tomasz D. r Hamamdjian, Khatch Herman, Mark A. Hinshaw, Keith A. Holmes, Robert J.

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Huebel, Hubert C. Johnson, Jeffrey R. Johnson, Pamela D. Joseph, Anthony Ledgerwood Anna M. Lim, John J. Lopez, Peter

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Malian, Michael Marquez, Jofrances Martin, Donald J. Maxwell, Nicholas McGuire, Timothy McIntosh, Bruce Missavage, Anne

Nicholas, Jeffrey Novakovic, Rachel L. Perrone, Erin Porter, Donald Sankaran, Surya Sferra, Joseph Siegel, Thomas S. Silbergleit, Allen Smith, Randall W. Sugawa, Choichi Sullivan, Daniel M. Tuma, Martin Whittle, Thomas J. Williams, Mallory Wills, Hale Wood, Michael H. Ziegler, Daniel

WSU SOM ENDOWMENT

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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*.

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