The Department of Surgery welcomed Dr. Julie Ann Freischlag, William Stewart Halsted Professor, Chair, Department of Surgery, and Surgeon-in-Chief at The Johns Hopkins Hospital to present “Abdominal Aortic Aneurysms - How Things Have Changed Over 50 Years,” at the January 28 Surgery Grand Rounds.

Pictured left to right are Dr. Susan D. Moffatt-Bruce, assistant professor, Cardiothoracic Surgery, Dr. Freischlag, Dr. Jean E. Starr, assistant professor, Vascular Diseases and Surgery, and Dr. E. Christopher Ellison, the Robert M. Zollinger professor and chairman of surgery, associate vice president for health sciences, and vice dean of clinical affairs at The Ohio State University Medical Center.
Ohio State awarded Howard Hughes grant

The Ohio State University College of Medicine has been selected by the Howard Hughes Medical Institute (HHMI) as a recipient of one of its Med Into Grad Initiative grants. The HHMI’s Graduate and Medical Science Education Program grants four-year awards to institutions offering a PhD in the biomedical sciences. These awards may be used to enhance existing graduate training programs or initiate new programs to develop a cadre of PhD biomedical scientists who pursue research at the interface of basic science and clinical application. Applications were accepted from any institution in the United States that offers a PhD in one or more of the biomedical sciences. However, each program must have an affiliation with a medical facility that is engaged in medical education. “The HHMI award is an opportunity to develop innovative programs that put OSU at the lead. This is a very prestigious research education program for Ohio State”, said Dr. Ginny Bumgardner. “Out of 102 applicants, 23 grants were awarded. Ohio State is 1 of 12 institutes receiving this grant for the first time.”

The Ohio State Med Into Grad Program is co-directed by Joanna Groden, PhD, Professor and Vice Chair for academic affairs, Department of Molecular Virology, Immunology, and Medical Genetics and Associate Dean for Basic Research and Ginny L. Bumgardner, MD, PhD, Professor of Surgery, Division of Transplantation, and Associate Dean for Research Education and Graduate Studies. Dr. Bumgardner’s research interests include transplantation immunology, liver immunobiology, and cellular transplantation. Dr. Groden’s research interests include molecular biology and cancer genetics.

The Med into Grad Initiative is designed to prepare PhD researchers to conduct research at the interface of biomedical science and clinical medicine. “Each year this program will bring together 6 exceptional pre-candidacy graduate students from diverse scientific disciplines on the OSU campus to enroll in the OSU HHMI Med into Grad Scholars Program. They will learn about the human disease which could benefit from their research, how scientific discoveries are transformed into clinical applications and gain first hand clinical experiences guided by faculty mentors in the College of Medicine” said Dr. Bumgardner. The program seeks to recruit graduate students from the 6 highlighted scientific disciplines including genetics, microbial biology, biomedical engineering, RNA biology, neuroscience and computational biology. Curriculum will be specifically tailored for each student based on their research interest and current projects. Students will be
assigned clinical mentors that match their area of study, individualizing their experience. Dr. Bumgardner gives an example, “A student may be studying a molecule that has a potential to aid in the diagnosis of breast cancer. He/she would be matched with a breast cancer clinician to gain real exposure to the patients who potentially could benefit from their discovery.”

Dr. Bumgardner sees the potential for benefit for all parties in the mentorships. “Graduate students can bring a new perspective, creating a team dynamic, with PhDs and MDs discussing the same issue.” Ultimately, the program’s goal is to develop new ways to prevent, diagnose, and treat human diseases.

The Howard Hughes Medical Institute is internationally recognized for its dedication to advancing biomedical research and science education. Through its Med into Grad Initiative, HHMI has awarded a total of $16 million to encourage graduate schools to integrate medical knowledge and an understanding of clinical practice into their biomedical PhD curricula. Each school chosen will receive up to $700,000 over four years to develop a program that brings clinical medicine into the graduate school curriculum. To learn more about the HHMI please visit their website at http://www.hhmi.org.
Ross named interim chief

Patrick Ross, Jr, MD, PhD has assumed the position of interim chief of the Division of Cardiothoracic Surgery. Dr Ross is professor of clinical surgery and has been a faculty member since 1991. He currently is chief of staff of the James Cancer Hospital and Solove Research Institute and director of general thoracic surgery.

Dr. Ross earned his undergraduate degree from Harvard University and his MD and PhD degrees from Saint Louis University. He completed residencies at both Yale University and the University of Pennsylvania.

A prolific investigator, Dr. Ross has published over 40 abstracts and more than 100 peer reviewed journal articles. He has co-authored 3 books, delivered over 180 presentations and is frequently quoted in the news media. His interests include thoracic oncology, new therapeutic modalities for lung cancer, and the management of end stage lung disease with lung volume reduction and transplant. Dr. Ross is an international expert in the field of photodynamic therapy which is emerging as an important palliative and curative treatment for solid tumors. Dr. Ross is also listed on America’s Best Doctors.
PLASTIC SURGERY

Plastic Surgery receives awards

The OSU Division of Plastic surgery, represented by Dr. Michael Miller, Dr. Pankaj Tiwari, Dr. Jay Boehmler and several residents from OSU Plastic Surgery received two very prestigious awards at the American Society of Reconstructive Microsurgery Meeting this month. The awards were for the “Best Case of the Year” and “Best Save of the Year.”

Dr. Miller, director, Division of Plastic Surgery said, “No single institution has ever won both of these awards in the same year so we are very proud of everyone involved.”

“In these competitions, surgeons must choose a case from the previous 12 months and submit it to the selection committee. The committee chooses 5 in each category, and these are presented to attendees at the national meeting. The audience votes for the best reconstructive case and the best salvage of a previous reconstruction. Cases we performed here at OSU won in both categories. Best Case was for a multidisciplinary case at the James involving 5 services, and Best Save was for an esophageal reconstruction in a teenager at NCH. This is particularly notable for two reasons: (1) OSU has never before participated in the competition and (2) no one has ever won both awards at the same meeting. This has provided tremendous visibility and recognition for our program.”
Richard E. Kirschner, MD, FACS, FAAP, has joined Nationwide Children’s Hospital as chief of Plastic Surgery and director of the Cleft Lip and Palate-Craniofacial Institute.

Dr. Kirschner is nationally recognized as a leading authority in cleft lip and palate, resonance disorders, 22q11.2 deletion syndrome and hemangiomas/vascular malformations. He has been widely published in many leading professional publications, is co-editor of the text *Comprehensive Cleft Care*, and is actively involved in research and teaching. Dr. Kirschner has taught at educational symposia in several countries and is co-founder and medical director of Casa Azul America, Inc., a non-profit organization for the delivery of cleft care to underserved children in central Mexico.

He comes to Nationwide Children’s from the Children’s Hospital of Philadelphia, where he held the Mary Downs Chair for Craniofacial Treatment and Research and served as director of both the Cleft Lip and Palate Program and Plastic Surgery Research. He also served as program director for Plastic Surgery at The University of Pennsylvania.

Dr. Kirschner completed his medical training at the University of Miami, School of Medicine, graduating with Research Distinction in Microbiology and Pediatrics. He pursued his surgical training at Cornell University Medical Center, where he also completed a research fellowship. He then completed his Plastic Surgery residency at The University of Pennsylvania School of Medicine prior to serving as a fellow in Pediatric Plastic and Reconstructive Surgery at the Children’s Hospital of Philadelphia.

This recruitment would not have been possible without the efforts of our search committee, chaired by Dr. Gail Besner, Professor of Pediatric Surgery, and collaboration with The Ohio State University, as represented by Dr. Michael Miller, Chair of OSUCOM Plastic Surgery.

We want to extend recognition to Dr. Robert Ruberg, who is retiring as Nationwide Children’s current Chief of Plastic Surgery. During more than three decades of outstanding service to both Nationwide Children’s and The Ohio State University, Dr. Ruberg has provided outstanding leadership. He has been instrumental in the program’s success to-date and built an outstanding foundation for future growth. We commend him for his service. *(with permission from Nationwide Children’s Hospital)*

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*NATIONWIDE CHILDREN’S HOSPITAL*

**Kirschner to lead Plastic Surgery at Nationwide Children’s Hospital**

![Kirschner](image1)

Richard E. Kirschner, MD, FACS, FAAP, has joined Nationwide Children’s Hospital as chief of Plastic Surgery and director of the Cleft Lip and Palate-Craniofacial Institute.

![Ruberg](image2)

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*Surgery Today | May 2010 | 6*
Comprehensive Wound Care to receive U.S. funding

Professor Chandan K. Sen of the Comprehensive Wound Center (CWC) will receive a Congressional earmark for $1.6 million located in the Defense Appropriations Bill for the Army Medical Research Program “Alginate Oligomers to Treat Infectious Microbial Biofilms”. The funding is for work in partnership with the CWC’s Norwegian corporate partner AlgiPharma. The bill was sponsored by Congresswoman Mary Jo Kilroy, 15th District, Ohio. The funding is expected to start in October 2010.

The study will test in pre-clinical trials an alginate oligomer to be used after an injury as part of or in combination with standard care in treating burns and wounds to treat microbial biofilm infections and to prevent such infections from becoming chronic. These types of infections are often suffered by those serving in Iraq and Afghanistan as well as by diabetic veterans and could result in lower health care costs and prevent amputations.

The Comprehensive Wound Center is directed by Dr. Chandan Sen, professor of surgery, vice chairman for research, Department of Surgery. This funding is attributed to the collaborative efforts, capabilities and reputation of the teams across three Colleges at OSU.

The funding will be a coordinated effort to forge a unique international partnership with a premiere group AlgiPharma; with the goal of closing the ‘gap’ in the Department of Defense’s wound care.
CRITICAL CARE

Whitmill joins ICU bedside skills faculty

Dr. Melissa Whitmill, assistant professor of clinical surgery, Division of Critical Care, Trauma, and Burn was a faculty member of the ICU Bedside Skills Course held on April 9 and 10. The course, directed by Drs. David Bahner and Shaheen Islam offered extensive training and hands-on sessions. A main goal of the course was to encourage the use of less invasive diagnostic methods, particularly the use of ultrasound examination at the bedside to assess critical care patients.

Dr. Whitmill presented percutaneous tracheostomy techniques during classroom instruction and demonstrated neck anatomy on a cadaver as it relates to performing tracheostomy in the critical care environment.

Dr. Whitmill stated that it is important to have surgeons involved in teaching critical care skills, as they are involved in many critical care decisions. She added that faculty can benefit from this course too. “You can always learn more”, said Dr. Whitmill.

Dr. Whitmill joined Surgery’s faculty in 2008. Her interested include trauma, surgical critical care, and emergency surgery.
Collins awarded research grant

Dr. Amy L. Collins, clinical instructor housestaff, has been selected to receive the 2010 American Association for Cancer Research (AACR)-FNAB Fellows Grant for Translational Pancreatic Cancer Research. The grant will be formally awarded to Dr. Collins during the AACR Annual Meeting Grant Dinner on April 20, 2010 in Washington, D.C.

The AACR-FNAB Fellows Grant for Translational Pancreatic Cancer Research is a one-year grant of $35,000 designed to support direct research expenses. The grant provides funding to allow a meritorious young investigator to pursue an independent line of investigation within the context of his/her current fellowship placement. This grant provides a “bridge” between a training and an independent position, offering an opportunity for a young investigator to develop a new direction for his/her research program that otherwise may not have been possible in the absence of this funding. Typically only one project/grant is awarded in the country per year.

Research projects are restricted to translational pancreatic cancer research that includes the use of human tissue and must have implications for therapeutic application and individualized cancer treatment and medicine. Proposed research must make use of human biopsies or samples.

Dr. Collins’ project is titled; The Role of Pancreatic Stellate Cells on MicroRNA Expression in Pancreatic Cancer. Dr. Collins states, “Pancreatic cancer’s inherent resistance to chemotherapy and radiation makes it one of the deadliest malignancies. In pancreatic tumors, cancer cells have gained the ability to survive in unfavorable conditions such as hypoxia, a low-oxygen state. It is becoming obvious that pancreatic cancer cells are not solely responsible for altering the local tumor microenvironment to make conditions more favorable for growth and invasion. In fact, they appear to rely on input from nearby helper cells, such as pancreatic stellate cells (PSCs), perhaps through their effect on small genes called microRNAs (miRs). We have shown that pancreatic cancer has a unique expression pattern of microRNAs and that several of these microRNAs are associated with hypoxia. My project plans to elucidate the role of PSCs in regulating microRNA expression and characteristics of pancreatic cancer. We plan to harvest and culture PSCs from fresh human pancreatic tissue specimens obtained from patients undergoing surgery for pancreatic cancer. By culturing PSCs together with pancreatic cancer cells, we will determine the impact of PSCs on pancreatic cancer cell
microRNA expression patterns. We will determine if changes in pancreatic cancer cell miR-21 (one of the most commonly altered microRNAs) expression levels induced by PSCs allow the pancreatic cancer cell to survive in a low-oxygen environment. Similarly, we will determine if this survival advantage can be imparted upon normal and precancerous pancreatic cells.”

“This is the first project of its kind to look at obtaining PSCs from humans and analyzing microRNA. This project could give an explanation as to how the microenvironment affects pancreatic cancer cells as evidenced by changes in microRNAs. With these answers, we can better understand how stellate cells function to support pancreatic cancer cells in an otherwise hostile environment allowing researchers to move forward with novel treatment strategies in the future.”
100+ new ebooks, EBM resources, board review tools, and more available from Prior Library

The Prior Library has recently purchased subscriptions to several important medical education and clinical information databases from McGraw-Hill. These include AccessMedicine, AccessSurgery, AccessEmergencyMedicine, AccessPharmacy (purchased by the Pharmacy Library) and JAMAevidence. We believe these resources will be an integral part of the library’s collection. We encourage you to explore them if you haven’t already done so. Please visit http://library.med.ohio-state.edu/

More information about these resources and upcoming training sessions is available below:

- **Full Text** – Includes more than 100 leading medical titles including *Harrison’s, Goodman and Gilman’s*, and *DeGowin’s Diagnostic Examination*
- **Self Assessment** – USMLE Lite, a condensed version of USMLEasy, offers select functions and USMLE formatted questions to study and simulate the test taking experience for Step 1, Step 2 CK, and Step 3. Also includes Specialty Board Review including multiple-choice questions, answers, and explanations from *Harrison’s Online*
- **Diagnostic Tests & DDX** – Learn about commonly used laboratory tests from *Nicoll’s Pocket Guide to Diagnostic Tests* or Diagnosaurus, a downloadable tool that allows you to browse by symptom, disease, or organ system
- **Videos & Audio** – Watch online Grand Rounds, animations adapted from *Goodman & Gilman’s*, procedural videos and animations, or listen to medical updates for MP3 compatible devices
- **Semantic Search Capabilities** – Quickly narrow down a search by resource, topic, update, and drug monographs, or limit searches to diagnosis or treatment guidelines, or to images, audio and video only
- **Drug Database** – fully integrated drug database includes dosing information, adverse reactions, indications and contraindications, and photos of all formulations
- **Practice Guidelines** – Access practice guidelines from the latest edition of *Current Practice Guidelines in Primary Care* for over 60 common complaints or conditions to assist in disease screening, prevention, and management
- **CaseFiles** – Explore 60 clinical cases which include extended discussion, clinical pearls, and USMLE-formatted review questions
- Create a personal profile to customize your homepage selection, save and download images for educational use, and email content to colleagues
- **Links to the Evidence** – click on links to primary literature via PubMed
- **JAMAevidence** – includes full content from the second edition of *Users’ Guides to the Medical Literature and Rational and Clinical Examination*, as well as education guides, a glossary of EBM terms and definitions, calculators, worksheets, and other tools to aid in understanding and applying the medical literature and making clinical diagnoses

(from the Prior Health Sciences Library) ✦
IN BRIEF

Brigstock elected to surgical society

David Brigstock PhD, Professor of Surgery in the OSU Division of Pediatric Surgery has been elected as a member of the Society of University Surgeons (SUS). For the first time in its history, the SUS Membership Committee opened up the application process to basic scientists and, since Dr Brigstock has been working in the OSU Department of Surgery since 1991, it was a unique opportunity to become more closely aligned with academic surgery at the national level. “SUS has a long-standing tradition of supporting surgical education and it has embraced the fact that basic scientists who work in surgical laboratories are now an important part of that equation” said Dr Brigstock. “I am very grateful to Drs Ellison and Bumgardner (OSU) as well as Dr Glick (SUNY Buffalo) for supporting my application. I view my election to SUS not only as a recognition of my own success, but as a validation of the incredible program that I, together with Dr Besner, have built up in the Pediatric Surgery Research Laboratory within the OSU Division of Pediatric Surgery at The Research Institute at Nationwide Children’s Hospital.”

“In the field of Pediatric Surgery, we have one of the best funded and nationally acclaimed laboratories in the country and, through my membership in SUS, we will solidify and nurture our standing as a place for education and research within the surgical sciences. We already have a strong track record in training surgical fellows as well as post-doctoral fellows, medical students, graduate students and undergraduates and consider this mission to be our highest priority”.

Dr Brigstock will present his research work, which is supported by two NIH R01 grants and focuses on mechanisms of fibrosis in the liver and pancreas, at the New Member Poster session at the Annual SUS Meeting in Huntington Beach next February. Dr Brigstock says “Typically, my research is presented at cell and molecular biology meetings or those with a very strong GI focus, so SUS opens up exciting new possibilities to describe my work to an entirely different audience. At the same time it will be fascinating to learn about the surgeon’s clinical experience and how I might use this information to develop new collaborative and translational projects. Surgeons and scientists have much to offer one another and it is gratifying that SUS is now providing a forum for their closer professional interaction”.

“Surgeons and scientists have much to offer one another”
Harzman selected for fellowship program

Dr. Alan E. Harzman, assistant professor of surgery, Division of General and Gastrointestinal Surgery has been accepted into the Association for Surgical Education’s (ASE) Surgical Education Research Fellowship program (SERF). The SERF fellowship is dedicated to the advancement of surgical education and researching solutions to the complex questions, issue, and concerns therein. The SERF program is a one year, home-site fellowship designed to equip investigators with the skills and knowledge needed to plan, implement and report research studies in the field of surgical education. Each fellow is carefully matched by the program’s faculty with a SERF Advisor, a respected and knowledgeable researcher who will serve as the fellow’s mentor and consultant on their particular project.

This prestigious program accepts a maximum of 16 fellows per year. The objectives of the SERF program are to review surgical education research literature and to design and manage an educational research project. Fellows will translate educational research into an academic presentation or publication. The program also allows fellows to establish a life-long network of surgical education research colleagues.

Dr. Harzman recently completed Ohio State’s Faculty Teaching Scholars Program, and previously attended an ASE course on statistics and research design. “I am very excited about this next step in my training and mentorship in educational research. It builds on projects that I’ve started already, and I am gradually building the skills and experience to take my raw ideas and turn them into rigorous studies,” says Dr. Harzman.

Dr. Harzman joined the faculty in 2007 and specializes in colon and rectal surgery.

Kocak awarded grant

Dr. Ergun Kocak, assistant professor of surgery, Division of Plastic Surgery was recently awarded an OSUCCC/American Cancer Society institutional seed grant for his project titled “Gene Directed Enzyme Prodrug Therapy Using Gene Modified Muscle Flaps.” The grant is in the amount of $30,000 for a period of one year. This award provides seed money to independent junior faculty members and their equivalent for the initiation of cancer research projects so they can obtain preliminary results that will enable them to compete successfully for national research grants. Dr. Kocak’s proposal was one of 4 selected out of 36 applications!
Moffatt-Bruce assumes quality leadership role

Dr. Susan Moffatt-Bruce, assistant professor of surgery, Division of Cardiothoracic Surgery, has been appointed to the newly created position of Chief Quality and Patient Safety Officer of the Ohio State University Medical Center Health System. The appointment was announced at the recent State of the Medical Center address by Dr. Steven Gabbe, senior vice president for Health Sciences, chief executive officer, The Ohio State University Medical Center

Dr. Moffatt-Bruce will be responsible for overseeing quality operations for the health care system and working in conjunction with the OSU Department of Quality and Operations Improvement. From this department originates all of the Medical Center’s quality improvement initiatives and data, including clinical outcomes, process efficiency and patient safety. Dr. Moffatt-Bruce will collaborate with Tina Latimer, associate executive director of the Department, and the Department’s employees. “These ladies and gentlemen in the Quality department are some of the finest I have worked with. They are one of the reasons I am so excited about this job. They have dedicated their careers to quality improvement,” Dr. Moffatt-Bruce explains.

One of the first goals that Dr. Moffatt-Bruce will establish is a shared interpretation of quality. “We must facilitate education and leadership opportunities surrounding quality. We don’t all speak the same language. ‘Quality’ means different things to different people and we need to be on the same page. Next, we must define the quality initiatives within the healthcare system. We can start by integrating the current processes and getting The James, East, Ross, Dodd and UH together on the same playing field,” she says.

Dr. Moffatt-Bruce’s leadership goals extend beyond the medical staff and medical students. Research is on her priority list too. “Because I am a scientist by training, I want to ensure published research is in our quality initiatives. This will help us internally understand what we do and how to do it better. It will also teach us how to get out to the world that we are the best in quality and safety initiatives.”

Dr. Moffatt-Bruce has a strong background in quality improvement, as she has served as associate medical director for Quality for the past two years. One of her major accomplishments in that role was the implementation of the Medical Center’s Surgical Safety Checklist. Additionally, she completed Intermountain Healthcare Institute’s Advanced Training Program and
attended the Institute for Healthcare Improvement’s (IHI) Engaging with Physicians in a Shared Quality Agenda Conference. She is chair of the Leadership Council for Clinical Quality, Safety and Service and serves as co-chair of its subcommittee, the Clinical Quality and Patient Safety Committee, and is chair of the Sentinel Event Team. She is the chair of the Physician Executive Council and leads the peer review process at OSUMC.

A graduate advisor in the IHI Open School in the College of Medicine, Dr. Moffatt-Bruce focuses her research on combining education and quality. She facilitates the IHI online training program for students and is part of the implementation team working on the new medical school curriculum. “One of my biggest initiatives is to integrate quality into the medical curriculum. Students should learn about quality from the moment they get their acceptance letter from us,” she shares.

Moffatt-Bruce selected as SUS member

Dr. Susan Moffatt-Bruce was recently selected for membership in the Society of University Surgeons (SUS). Selection is based on academic performance and research funding. Dr. Moffatt-Bruce presented at the SUS’s Annual Academic Surgical Congress in February 2010. The SUS is dedicated to the advancement of the art and science of surgery by encouraging its members to pursue original investigations both in the clinic and in the laboratory; the development of methods of graduate teaching of surgery with particular reference to the resident system; free and informal interchange of ideas pertaining to the above subjects.

Dr. Moffatt-Bruce joined the OSU Medical Center in 2006. She received her medical degree from Dalhousie University in Nova Scotia and her PhD in transplantation immunology from the University of Cambridge. Having completed her Cardiothoracic Surgery Fellowship at Stanford University her clinical interests include thoracic transplantation and advanced lung disease.
Perry awarded grant

Kyle A. Perry, MD, assistant professor of surgery, Division of General and Gastrointestinal Surgery was awarded a research grant from the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) on February 5, 2010. The amount is $30,000; Dr. Perry’s project is “Identifying the Optimal Duration of Gastric Ischemic Conditioning to Improve Gastroesophageal Anastomotic Wound Healing.”

The incidence of esophageal adenocarcinoma has increased 350% since 1970, a rate outpacing all other cancers. Overall survival remains poor, and the only curative treatment, esophagectomy, carries high major morbidity rates. Anastomotic leak and stricture occur commonly after this procedure and markedly impair patient quality of life. Gastric ischemic conditioning (i.e. division of the short and left gastric vessels followed by a delay period prior to esophageal resection and reconstruction) has been shown to improve anastomotic wound healing in animal studies, and has the potential to reduce anastomotic complications and improve quality of life in esophageal cancer patients.

To date, no studies have been performed to identify the optimal duration of gastric ischemic conditioning that provides the greatest improvement in anastomotic healing. We hypothesize that a longer ischemic conditioning period will improve gastric perfusion and wound healing at the esophagogastric anastomosis. This pilot study aims to identify the optimal duration of gastric ischemic conditioning to maximize improvements in anastomotic wound healing for patients undergoing esophagectomy with gastric pull-up reconstruction. Data regarding the optimal timing of gastric ischemic preconditioning will serve as pilot data to design studies of the effectiveness of this technique in the setting of neoadjuvant radiation therapy. Ultimately, the translation of this approach to human patients holds the potential to reduce the significant morbidity associated with esophagectomy and improve the quality of life of patients with esophageal cancer.

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Research Awards are open to any principal investigator who is a SAGES member. SAGES encourages grant funding to young investigators/candidate members in the hopes that funding through SAGES will lead to additional extramural funding. Awards are conferred on a competitive basis by submission of a grant application, which is reviewed and evaluated by the SAGES Research Committee and approved by the Governing Board.

Dr. Perry’s award was announced during the SAGES Foundation Awards Lunch, Wednesday, April 14, 2010, during the SAGES Annual Meeting, April 14-17, 2010, held in Landover, MD.
Davido receives teaching award

Dr. Tracy Davido, clinical instructor housestaff, has been chosen to receive the Arnold P. Gold Foundation Humanism and Excellence in Teaching Award. This award is presented to residents who demonstrate commitment to teaching and compassionate treatment of patients and families, students, and colleagues. A total of 44 residents were nominated, and 6 were chosen for this honor.

“I was completely surprised by this award. This is a tremendous honor and very humbling. I am proud of the Department of Surgery and the care we provide, and our role in surgical education. I can’t imagine doing anything else”, said Dr. Davido.

Dr. Davido will be formally recognized at the Student Clinician’s Ceremony held on May 3rd at the OSU Medical Center’s Meiling Hall.

Educational Grants

Miller, SF. Prospective, Single-Center, Randomized, Double-Blind, Placebo-Controlled Trial for the Evaluation of the Efficacy of 300 mg or 600 mg of Pregabalin versus Placebo in the Reduction of Pain and Opioid Consumption in Patients with Partial of Full Thickness Burn Injuries; Total study support $116,826.

Miller, SF. Safe Signals: Teaching High-Functioning Young Adults with Autism Spectrum Disorders about Burn Prevention; Total study support $24,978.

Stawicki, SP. Seprafilm in Open Abdomens: A Prospective Evaluation of Wound and Adhesion Characteristics in Trauma Damage Control; Total study support $368,000 ($128,000 grant amount; $240,000 surgical materials).

Publications


Crockett A, Stawicki SP, Thomas YM, Jarvis A, Wang C, Beery PR, Whitmill ML, Lindsey DE, Steinberg SM, Cook CH. Tree stands, not guns, are the Midwestern hunter’s most dangerous weapon. The American Surgeon. In Press.


Video Abstracts


Presentations


**Cook CH.** Cytomegalovirus in animal sepsis models, CMV in immunocompetent Patients Symposium, Infectious Disease Society of America (IDSA), Philadelphia, PA 10/30/09.

**Cook CH.** Session Moderator, CMV in immunocompetent Patients Symposium, Infectious Disease Society of America (IDSA), Philadelphia, PA 10/30/09.


**Crestanello, JA, Lee, DS, Steinbaugh, GE, Cramer, BM, Quarrie, R, Pfeiffer, DR, Zweier, JL.** Ischemic Preconditioning (IPC) Preserves Respiratory Complex Activity, Attenuates Proton Leak, And Decreases Superoxide Production in Rat Heart Mitochondria National Heart Lung and Blood Institute. 16th Annual Cardiovascular Diversity Research Supplement Awardee Session. Orlando FL. November 12, 2009


Eiferman D, Howard J, Stawicki S, Evans D, Whitmill M, Beery P, Steinberg S, Lindsey D, Cook C. Assessment and Reliability of Intravascular Volume Measurements in the Intensive Care Unit. Presented at Columbus Surgical Society; Columbus, OH. Feb. 6, 2010


Gerlach AT, Thomas S, Murphy CV, Pourzanjani L, Whitmill M, Steinberg SM, Stawicki SP, Cook CH. Does Withholding Early Intravenous Fat Emulsion from Parenteral Nutrition Reduce Infections During Critical Illness? Accepted as oral presentation at the 13th Annual Meeting of the Surgical Infection Society.


Howard JM, Cook CH, Gerckens J, Wang CF, Jarvis AM, Porshinsky B, Whitmill ML, Bahner DP, Lindsey DE, Steinberg SM, Stawicki SP. Correlation of cardiac output as measured by arterial waveform analysis versus continuous cardiac output pulmonary artery catheter. Poster presentation at SCCM – Jan 2010.


Miller SF: “Burns Seldom Seen,” OSU Center for EMS, Nationwide Children’s Hospital, and Medflight’s Checking Vitals” Current Trends in Pediatric and Adult Emergency Care and Critical Airway Management Symposium, Columbus, Ohio, September 8-9, 2009.


Sharma S, Crestanello J. Characteristics of Patients that Show Improvement in Left Ventricular Ejection Fraction After a Coronary Artery Bypass Graft. Presented at the Medical Student Program of the American College of Surgeons, Division of Education. Chicago, IL October 2009.


Yeager, S. Rootin’ Around, Keynote. The Ohio State University Medical Center Cardiac Conference. Columbus, Ohio. 2009.

Yeager, S. Endpoints of Resuscitation. Trauma Tactics, Columbus, Ohio. 2010.

Yeager, S. Traumatic Brain Injury. Trauma Tactics, Columbus, Ohio. 2010.


Yu X, Radulescu A, Chen C-L, Besner G: Heparin-binding EGF-like Growth Factor Protects Pericytes from Injury. Ohio State University Medical Center Research Day. Ohio State University, Columbus, Ohio, April 8, 2010.


Zhou Y, Besner G: Heparin-Binding EGF-Like Growth Factor Promotes Enteric Neural Cell Migration. Ohio State University Medical Center Research Day. Ohio State University, Columbus, Ohio, April 8, 2010.

In the News

Dr. Doreen M. Agnese, assistant professor of surgery and internal medicine, Division of Surgical Oncology was interviewed on WOSU radio March 1, 2010 and Fox28 TV Good Day Columbus on March 18, 2010 regarding her research of the increasing number of women diagnosed with breast cancer choosing preventive mastectomies. Dr. Agnese reported that the number of women choosing to sacrifice a healthy breast has doubled in the past decade. Women who made this choice were younger, more highly educated, and more likely to have a family history of cancer. Dr. Agnese’s research was also mentioned on the WBNS 10TV HealthSource report on March 1, 2010.

Recognitions

Dr. Paul R. Beery, II, assistant professor of surgery, Division of Critical Care, Trauma, and Burn was selected for the University Hospital Physician of the Month Award - March 2010.

Dr. Sidney F. Miller, professor of surgery, director, Burn Center, Division of Critical Care, Trauma, and Burn assumes the Presidency of the American Burn Association.

Dr. Benedict Nwomeh, assistant professor of clinical surgery, Division of Pediatric Surgery completed the MPH Program for Experienced Professionals (PEP) offered by the OSU College of Public Health and has received a master of public health degree.

Dr. Bhagwan Satiani, professor of clinical surgery, Division of Vascular Diseases and Surgery has been selected as a member of the editorial board of the International Journal of Vascular Medicine. International Journal of Vascular Medicine is a peer-reviewed, open access journal that publishes original research articles, review articles, case reports, and clinical studies in all areas of vascular medicine.

Dr. Bhagwan Satiani was also selected as co-editor, Journal of Vascular Surgery, Volume 51, Issue 4, Special Supplement (April 2010) Diversity in Vascular Surgery: Adapting to America’s New Face. Edited by Frederick P. Beavers MD and Bhagwan Satiani MD, MBA.
Dr. Stanislaw P. Stawicki, assistant professor of surgery, director, Division of Critical Care, Trauma, and Burn became the Section Editor, Critical Sonology Science, Journal of Emergencies, Trauma, and Shock (PubMed-listed International Journal).

Dr. Steven M. Steinberg, professor of surgery; chief, Division of Critical Care, Trauma, and Burn; vice chairman for Clinical Affairs, has been selected as the recipient of the American College of Surgeons/American Surgical Association Health Policy Scholarship for the year 2010. As part of the scholarship Dr. Steinberg has been invited to attend the course “Leadership Program in Health Policy and Management,” offered at Brandeis University, June 13-19, 2010.