

UISURGERYNEWS

THE DEPARTMENT OF SURGERY AT THE UNIVERSITY OF IOWA

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Comments from the UI Department of Surgery Professor and Head



Welcome to the 2012 Annual Summary newsletter from the UI Department of Surgery.

Within you will find news of myriad developments in the Department of Surgery from the past year, exciting, thought-provoking, and some sorrowful. Meet our new faculty and residents, bid our graduating residents and departing faculty fair winds on the next stage of their career journeys, and say farewell to two valued and beloved faculty members who passed away this year.

Learn about new collaborative arrangements with other institutions and practices across the state. Read about the exciting research recognitions of numerous faculty, the reverification of our Trauma and Burn Centers, leadership changes, and numerous awards and honors garnered by our talented faculty, fellows, and residents over the past year.

We're pleased to bring you this comprehensive year-end wrap up. We encourage you to subscribe to the electronic version of our newsletter by sending an email to: listserv@list.uiowa.edu and placing **subscribe surg-newsletter yourfirstname yourlastname** in the body of the message. Moving forward, it is our intent to distribute an electronic version approximately quarterly, with an annual print wrap-up at the end of each calendar year. You may also visit our new academic website at www.medicine.uiowa.edu/surgery to view our most current news and event updates.

We look forward to new challenges and accomplishments, and to sharing those with you.



Ronald J. Weigel, MD, PhD
EA Crowell, Jr Professor and Head

IN REMEMBRANCE

The Department of Surgery mourns the loss of two Professors Emeritus this year, Dr. Kimberly Ephgrave and Dr. Robert Soper. We extend our heartfelt condolences to their families and friends and share in their sense of loss. Our department was greatly enhanced by their presence and they will be missed.

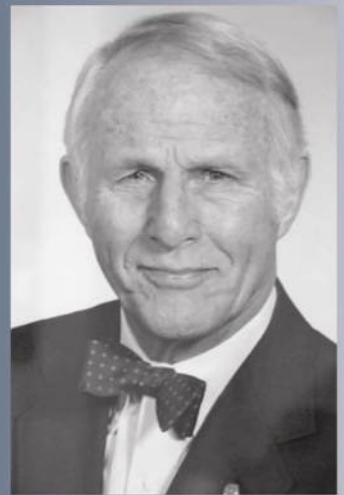
Kimberly S. Ephgrave, MD
1956 - 2012



Dr. Kimberly S. Ephgrave, Professor Emerita of Surgery, passed away on March 6, 2012 after a lengthy battle with cancer.

Kim received her MD from the Loyola-Stritch School of Medicine and completed her general surgery residency at the University of Texas at Dallas; she was General Surgery boarded with an additional certification in Critical Care. She spent her entire professional career at the University of Iowa, starting as an Associate in 1986 and becoming a full Professor in 1995. She also served as the Chief of Surgical Services at the Iowa City Veterans Administration Center for ten years. She was the first recipient of the Robert and Hélène Soper Chair, the first endowed chair in the Department of Surgery. She also served as the Associate Dean for Student Affairs and Curriculum in the Carver College of Medicine for four years, and as a Special Assistant to the Dean. She was a member of many professional organizations, including serving as the President for the Association of Women Surgeons. She had a strong commitment to surgical education, serving as both the Junior Clerkship Director and the Associate Program Director for the Residency during her career, and was voted Teacher of the Year five separate times by the medical students. Her early scholarship involved a variety of GI Surgery topics, but in later years, her scholarship interests focused on surgical education and ways to both improve the educational experience and the teaching abilities of surgeons and residents. In the last few years, she had been pursuing a lifelong interest in the fine arts and was completing her BFA at the time of her death. She is survived by her husband, Tom Rocklin, and three sons, Zeb, Noah, and Dan.

Robert T. Soper, MD
1925 - 2012



Dr. Robert T. Soper, Professor Emeritus in the Department of Surgery, passed away on October 4, 2012, at the age of 87 following a brief illness.

Dr. Soper received his MD degree from the University of Iowa College of Medicine, and also completed his general surgery residency here. After a one year fellowship in England in pediatric surgery (a specialty which was just then emerging), he returned to Iowa City. He then spent his entire professional career here at Iowa, starting as an Instructor in 1958, and finally transitioning to Professor Emeritus in 1997. During those years, he served as the Director of the Pediatric Surgery Division, and also served 3 years as Interim Department Head. He served as president of the Iowa Academy of Surgeons and president of the Midwest Surgical Association, and was a founding member of the American Pediatric Surgical Association. He and his wife Hélène established the first endowed chair in the Department, the Robert and Hélène Soper Chair. Dr. Soper received the prestigious Ernest Theilen Clinical Teaching and Service Award from the University of Iowa Carver College of Medicine in 1996 and the Distinguished Alumnus Award in 2006. He published widely, with over 200 scientific articles on a variety of pediatric and general surgery topics, edited seven textbooks, and gave nearly 100 presentations around the globe. He served on the Editorial Board of the Journal of Pediatric Surgery, and on numerous national committees, including serving on the Board of Governors for the American Pediatric Surgical Association. Most importantly, Dr. Soper educated and influenced decades of surgical trainees and colleagues. In this way, his compassion and commitment to excellence continue to be passed on to new generations of surgeons across the country. Dr. Soper is survived by his wife Hélène and 6 children.

WITH GRATITUDE

Siroos S. Shirazi, MD
Years of Service 1972 - 2012

After an incredibly productive 40 year career with the Department of Surgery, **Siroos S. Shirazi MD**, retired and transitioned to Emeritus Professor status as of August 1, 2012. Dr. Shirazi received his undergraduate and medical degrees from Shiraz University in Shiraz, Iran. After completing several years of an internal medicine residency in Iran, he came to the United States and did three years of residency training at Cook County Hospital, in Chicago, Illinois, before coming to the University of Iowa where he completed his General Surgery residency. He then joined the Department, first as an Associate and then a year later as an Assistant Professor; he attained the rank of Professor in 1981, a rank he held until his retirement. Concurrent with his clinical and academic practice at the University of Iowa, Dr. Shirazi also saw patients at the Iowa City Veterans Administration Hospital, including four years when he served as the Chief of Surgical Services there.



Dr. Shirazi held many different administrative roles within the Department over the years, including: Director of the Outpatient Surgery Clinic, Director of Gastrointestinal Surgery, Chair of the Division of General Surgery, Vice Chair of the Department, Director of the Junior Surgery Clerkship, and six years as the Program Director of the Surgery Residency. Dr. Shirazi published over 75 peer reviewed manuscripts, 10 book chapters, and numerous abstracts. He gave many presentations both nationally and internationally over the years, in such places as Tokyo, The Netherlands and Italy, among others. He belonged to numerous societies and organizations, including but not limited to the American College of Surgery, Central Surgical Association, American Society for Gastrointestinal Endoscopy, Association for Academic Medicine, Society for Surgery of the Alimentary Tract, and the Iowa Medical Society, where he served as Secretary-Treasurer, Vice President, and President. He is also a member of the Iowa Board of Medical Examiners, a role he continues to hold.

Congratulations to Dr. Shirazi for an admirable career in surgery. His contributions are immeasurable and we are indebted to his longstanding dedication to the department and institution. We look forward to his continued involvement with the department as an Emeritus faculty member.

NEW CLINICAL INITIATIVE

General Surgery Group in Cedar Rapids, Iowa

We are pleased to announce that we are partnering with Mercy Medical Center-Cedar Rapids to develop a new general surgery group. This group of new surgeons will be part of our Department of Surgery faculty and will be located on Mercy's medical campus.

In addition to ensuring the hospital's ability to meet the state's Level 3 trauma center criteria, the new group will work hand-in-hand with local physicians and Department colleagues based at University of Iowa Hospitals and Clinics to meet the health care needs of the Cedar Rapids community.

The new Surgery Clinic will be housed in Mercy's 8th & 8th Medical Office Building (pictured right). This medical suite sits adjacent to Mercy Medical Center on the corner of 8th Avenue and 8th Street SE in Cedar Rapids, Iowa.



THE DEPARTMENT OF SURGERY WELCOMES NEW FACULTY MEMBERS

Parth Amin, MD



Division of Vascular Surgery

Parth Amin, MD joined the Division of Vascular Surgery as a Clinical Assistant Professor in July 2012.

Dr. Amin earned his medical doctorate from the Medical College of Pennsylvania in Philadelphia, PA in 2003. He completed a general surgery residency at Wayne State University and Detroit Medical Center in 2009 and went on to complete his first fellowship in trauma and critical care at the University of Tennessee- Memphis in 2010. He then came to the University of Iowa for a peripheral vascular surgery fellowship. He began his appointment as a faculty member in Vascular Surgery upon completion of his vascular surgery fellowship.

Wei Chen, MD



Division of Plastic & Reconstructive Surgery

Wei Chen, MD joined the Division of Plastic and Reconstructive Surgery as an Assistant Professor in January 2012.

Dr. Chen completed his medical doctorate with Distinction in Investigative Research in 2002 at the State University of New York in Brooklyn. He completed a general surgery residency at the State University of New York, Stony Brook in 2007 and went on to complete a fellowship in plastic surgery at the University of Illinois at Chicago in 2009. Dr. Chen also completed a fellowship in microsurgery at Chang Gung Memorial Hospital in Taipei in 2011.

Alice Fagin, MD



Division of Acute Care Surgery

Alice Fagin, MD joined the Division of Acute Care Surgery as a Clinical Assistant Professor in July 2012.

Dr. Fagin completed her medical doctorate at the University of Southern California, Keck School of Medicine in Los Angeles, California in 2005. She completed a general surgery residency at Lehigh Valley Hospital/Penn State University in 2010. She then went to the University of California, Davis in Sacramento, California where she completed two fellowships; burn treatment in 2011 and trauma critical care in 2012. She joined the University of Iowa Department of Surgery upon completion of her most recent fellowship.

Jerrold Keith, MD



Division of Plastic & Reconstructive Surgery

Jerrold Keith, MD joined the Division of Plastic and Reconstructive Surgery as a Clinical Assistant Professor in July 2012.

Dr. Keith is a University of Iowa alumni, having completed his medical doctorate at the UI Carver College of Medicine in 2004. He completed a general surgery residency at the University of Colorado Health Sciences Center in 2009 and a plastic surgery residency at the University of Pittsburgh Medical Center in 2012. He then returned to the University of Iowa to join our plastic and reconstructive surgery division.

FAREWELL TO COLLEAGUES

We would like to bid farewell to **Aimen Shaaban, MD** from the Division of Pediatric Surgery and **Barbara Latenser, MD** from the Division of Acute Care Surgery. We wish them both well in their future endeavors!

BEST WISHES TO OUR 2012 CHIEF RESIDENTS!

Shannon Carroll, MD
Acute Care Surgery Fellowship
Boston University

Michael Bonebrake, MD
Critical Care Fellowship
Washington University in St. Louis

Daniel Calva-Cerqueira, MD
Plastic Surgery Fellowship
Johns Hopkins University

Heather Wakefield, MD
Private Practice
Illinois

Danny Liu, MD
Minimally Invasive Surgery Fellowship
University of South Florida

Tamsin Durand, MD
Private Practice
New Hampshire



WELCOME TO OUR NEW RESIDENTS & FELLOWS

2013 Intern Class

Amir Alhajjat, MBBS - Jordan University of Science & Technology

Naina Bagrodia, MD - University of Arizona

Fadi Dahdaleh, MD - American University of Beirut

Ryan Deets, MD - University of Iowa

Allison Lorenzen, MD - University of Iowa

Anthony Swatek, MD - University of Kansas

Brittany Wertzberger, MD - University of Iowa

New PGY3 & PGY4 Residents

Jennifer Shanklin, MD - Tufts University, PGY3

Ulrik Wallin, MD - Karolinska Institute, PGY3

Matthew Wideroff, MD - University of Miami, PGY3

A. Reema Kar, MD - Penn State University, PGY4

S. Tammy Li, MD - Georgetown University, PGY4

2012 - 2013 Fellows

John Cheregi, MD - Bariatric Surgery Fellow

Ingrid Lizarraga, MD - Multidisciplinary Breast Surgical Oncology Fellow

Hadi Shaaban, DO - Burn Fellow

Evgeny Arshava, MD - Surgical Critical Care Fellow

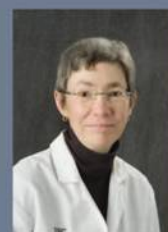
Grant Lee, MD - Surgical Critical Care Fellow

Primod Siddagunta, MBBS - Transplantation & Hepatobiliary Surgery Fellow

Adonis Lysandrou, MD - Vascular Surgery Fellow

Sara Mijal, MD - Vascular Surgery Fellow

Scott-Conner selected to be Association of Women Surgeons Visiting Professor



Carol EH Scott-Conner, MD, PhD, Professor of Surgery in the Division of Surgical Oncology and Endocrine Surgery was recently honored to be selected as an Association of Women Surgeons ("AWS") Visiting Professor. The AWS Visiting Professor Program provides medical schools with the opportunity to request top women surgeons as speakers and receive funding from the AWS Foundation. Opportunities to lecture heighten the visibility of women surgeons while encouraging women medical students to pursue similar careers. In addition, the Visiting Professorship Program promotes dialogue between practicing surgeons and the academic community. AWS Visiting Professors have an opportunity to share professional and personal experiences with Department Chairs, faculty, residents and students through grand rounds, walk rounds, lecture and research presentations and other arranged opportunities. Congratulations to our valued colleague.

Kresowik serves as Regional Leader in Vascular Surgery



Dr. Timothy F. Kresowik just completed his term as the thirty-fifth President of the Midwestern Vascular Surgical Society, serving as President during the 2011 and 2012 year. Prior to serving as President, Dr. Kresowik served on the Society's Membership Committee and as President-Elect in 2010-2011.

Founded in 1976 by Doctors John J. Bergan, D. Emerick Szilagyi and John R. Pfeifer as the first Organizing Committee, The Midwestern Vascular Surgical Society is one of the largest regional vascular societies representing vascular surgeons and specialists. The Society offers membership and special programs to mid-level providers and other allied health professionals, medical students and vascular residents and fellows.

Dr. Kresowik served during the 36th Annual Meeting recently held at The Pfister in Milwaukee, Wisconsin. He is also directing the local planning committee for the 38th Annual Meeting, which will be held in Iowa City, Iowa in 2014.

Surgery Education Leadership Update



W. John Sharp, MD, Professor and Director of the Division of Vascular Surgery has agreed to add the position of Vice Chair for Education, Department of Surgery, to his already impressive list of titles. Dr. Sharp has been a member of the Department of Surgery Vascular Faculty for over 20 years, and for most of that time has held a leadership role in the General Surgery Residency and Education programs. A glance at Dr. Sharp's curriculum vitae confirms his long-standing dedication to, and recognition for accomplishments within, all aspects of education.



Dr. Muneera Kapadia has assumed the role of Associate Program Director for the Surgery Residency Program. Dr. Kapadia is a Colorectal Surgeon in the Division of Gastrointestinal, Minimally-Invasive and Bariatric Surgery and is currently working on her Masters in Medical Education through the University of Iowa Carver College of Medicine.



Dr. Carlos Pelaez has assumed the role of Medical Student Director for the Medical Student Clerkship and M4 Advanced Electives. Dr. Pelaez is a Trauma Surgeon in the Division of Acute Care Surgery and is excited to begin a career in Surgical Education.

We all look forward to continuing growth and success for the Department of Surgery's Education Program under Dr. Sharp's leadership.

Kealey and Wibbenmeyer lead the Burn Treatment Center



G. Patrick Kealey, MD and Lucy A. Wibbenmeyer, MD are serving as Interim Co-Directors of the UI Burn Treatment Center while we conduct a national search for a successor.

Dr. Kealey is a Professor in the Division of Acute Care Surgery and has been with the Department of Surgery for 29 years. During his distinguished career, he has held a number of important leadership roles within the Department of Surgery, including Interim Head of the Department of Surgery and Director of the Division of Acute Care Surgery. He has been a longstanding leader in the field of burn and wound treatment, recently serving as President of the American Burn Association.



Dr. Wibbenmeyer is a Clinical Associate Professor in the Division of Acute Care Surgery and has been an integral part of the Burn Treatment Center for 14 years. She is a critical care boarded surgeon who has staffed the burn unit while leading a diverse and productive clinical research program.

Drs. Kealey and Wibbenmeyer look forward to continuing the Burn Treatment Center's esteemed record of excellence in caring for patients with critical burns and complex wounds.

Surgical Skills Lab receives Level II Accreditation

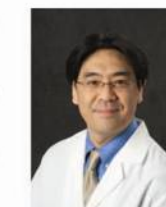
The UIHC Center for Procedural Skills and Simulation received ACS Level II Accreditation in December of 2011. Currently, the Skills Center provides procedure skills training to over 50 resident learners annually, offering weekly modules as well as multiple live-animal and cadaver labs each year. The Skills Center is also an FLS (Fundamentals of Laparoscopic Surgery) testing center and the FLS curriculum is currently taught to Surgery, Urology and OB/Gyn residents. A new addition to the Surgical Skills Curriculum is the Verification of Proficiency (VOP) Program. This program focuses on learners achieving a standardized proficiency and is currently utilized for Knot Tying and Central Line Placement. In addition, the General Surgery residents are taught an intensive simulation course utilizing the MIST virtual reality trainer for developing fundamental laparoscopic skill sets. Lastly, the center is collaborating with other Departments within UIHC to develop curriculum relevant to training medical students and non-surgical residents in basic surgical techniques.

The Center Director, **Dr. Thomas Collins** has served in this role since the inception of the Surgical Skills Lab in 2008. He is a Clinical Associate Professor of Surgery and has been a faculty member in the Department of Surgery since 2007. The newest addition to the Skills Center is **Mohammad Jamal, MD** who serves as the Director of Surgical Skills Training. He joined the Department of Surgery in 2005 and is a Clinical Associate Professor of Surgery. **Lori Stout** is the new Center Coordinator and **Billie Ruden** serves as an FLS test proctor.



Hoshi appointed to Holden Comprehensive Cancer Center Leadership Position

Hisakazu Hoshi, MD, Clinical Associate Professor in the Division of Surgical Oncology and Endocrine Surgery has been appointed to serve as Associate Deputy Director for Clinical Cancer Services with the Holden Comprehensive Cancer Center. In addition to his new responsibilities, Dr. Hoshi will continue to Chair the Clinical Cancer Committee and provide leadership to the surgical aspects of clinical cancer activities.



Weigel Named Associate Vice President, University of Iowa Health Alliance

Ronald J. Weigel, MD, PhD has accepted the position of Associate Vice President, University of Iowa Health Alliance, UI Health Care. In this new position, he will work directly with Vice President of Medical Affairs Jean Robillard on developing the strategic vision for UI Health Care's role within the UI Health Alliance; oversee Alliance operations within UI Health Care, including primary care, outreach, community-based research and education programs, and other engagement initiatives; and develop a structure and plan for coordinating UI Health Care's participation in the Alliance. The UI Health Alliance was formed in late June to improve and enhance the scope, quality, and cost-effectiveness of health care services across the state through a strong network of providers.

Weigel Ratified as Vice President of the Society of Surgical Oncology

At its Annual Cancer Symposium held in March 2012, the Society of Surgical Oncology (SSO) ratified **Dr. Ronald J. Weigel, MD, PhD**, as Vice President for 2012-2013.



Dr. Weigel's research is focused on gene regulation and hormone response in breast cancer. As described in the SSO press release, he has served SSO as Chair of the Fellowship and Research Grant Committee, sat on the Training Committee for six years, served as SSO Representative to the American Board of Surgery for six years, and has been a member of the Executive Council for the last three years.

The Society of Surgical Oncology (SSO) is a 2,700-member organization for surgeons and health care providers whose mission is to improve patient care by advancing the science and practice of surgical oncology worldwide. The Society's focus on all solid tumor disease sites is reflected in its comprehensive Annual Cancer Symposium, monthly scientific journal (Annals of Surgical Oncology), special projects, and committee structure. More information about the Society of Surgical Oncology can be found at its website at www.surgonc.org.

American College of Surgeons Iowa Chapter Executive Council Roles

Carol EH Scott-Conner, MD, PhD was recently named the American College of Surgeons Governor for the State of Iowa. The Board of Governors acts as a clearinghouse for the Board of Regents on general assigned subjects and on local problems. The Governors represent the Fellows of the College, and are the official communications link between the Fellows and the Board of Regents. Dr. Scott-Conner will serve in this role through October 2015.

Additionally, **Ronald J. Weigel, MD, PhD** is currently serving as the American College of Surgeons Iowa Chapter President. This is a two year term which will conclude in October 2013.

Trauma and Burn Center Verifications

Earlier this year, the Verification Review Committee (VRC), an ad hoc committee of the Committee on Trauma (COT) of the American College of Surgeons (ACS) once again verified the University of Iowa Hospitals & Clinics as a **Level I Trauma Center** and **Level I Pediatric Trauma Center**. This achievement recognizes the trauma center's dedication to providing optimal care for injured patients. The UIHC Trauma Center includes the Trauma and Surgical Critical Care service of the Division of Acute Care Surgery in the Department of Surgery.

The American Burn Association (ABA) Burn Center Verification Committee also conducted a site visit at the University of Iowa Hospitals & Clinics earlier this year. This committee, together with the American College of Surgeons (ACS) Committee on Trauma, has reverified our institution as an **adult and pediatric burn center**. The UI Burn Treatment Center is one of 50 ABA and ACS verified burn centers in the United States.

Samuel Receives "Jewel of India" Award



Isaac Samuel, MD received international recognition when he was presented the Hind Rattan Award on January 25, 2012 in New Delhi, India. The Hind Rattan Award (Jewel of India Award) is a prestigious award that recognizes Indians abroad who have excelled in their respective fields. Dr. Samuel was selected for a 2012 Hind Rattan Award following his outstanding performance in organizational leadership, excellence in bariatric surgical technique and clinical outcomes, and prominence in medical research (clinical research in bariatric surgery and basic science research). Among notable previous Hind Rattan awardees from the USA are Renu Khator (President and Chancellor of University of Houston) and Madanjeet Singh (diplomat and UNESCO's goodwill ambassador). We are proud that Dr. Samuel has led the bariatric program since 2004.

Surgical Oncologists become First in State to Offer IORT

As featured in an article by UI publication IowaNow, a team of experts at the UIHC's Holden Comprehensive Cancer Center is *first in the state to be able to offer intraoperative radiation therapy (IORT) for breast cancer patients*. The team of experts include **Dr. Sonia Sugg**, **Dr. Carol Scott-Conner**, and **Dr. Ronald Weigel** of the Department of Surgery, who discuss the details and implications of this treatment in the article.

Currently with the standard treatment for early-stage breast cancer, a patient follows up with a radiation oncologist after surgery to have the tumor removed. With IORT, radiation is delivered to the area immediately following the removal of the tumor. As Dr. Sugg explains in the article, "It saves [patients] the time of having to come back to undergo radiation therapy for five days a week for up to three to six weeks after they heal from surgery." Dr. Weigel goes on to explain "This isn't a replacement for traditional treatments. But for the right person, we are offering an alternative that will allow a person to get back to their normal life, sooner."

Excellence in Nursing

Two nurses from the Surgery Specialties Clinic in the Department of Surgery have been named to the 2012 list of 100 Great Iowa Nurses.

Those recognized this year from the Surgical Specialties Clinic were **Donna Dolezal** (pictured top right) and **Sandra Roberts** (pictured bottom right). They are among ten nurses from the University of Iowa Hospitals & Clinics to have been named to the list for 2012. The UIHC nurses were recognized during a statewide recognition event during National Nurses Week in May. The list and recognition event were created by a partnership of The Iowa Nurses Association, Iowa Nurses Foundation, Iowa Hospital Association, and University of Iowa College of Nursing.



Additional congratulations are in order for **Sandra Roberts**, who has also been selected to receive the Society of Vascular Nursing 2012 Distinguished Service Award. This award recognizes Society for Vascular Nursing members who display qualities of outstanding leadership, society participation and contribution to furthering the mission and vision of the Society.

Stewart Recognized as one of Iowa City's "Forty Under 40"

Zoe Stewart, MD, PhD has been recognized as one of the Iowa City area's 'Forty Under 40' by the Corridor Business Journal. This award recognizes the outstanding accomplishments and contributions made by some of the community's youngest members.



Dr. Stewart is an Assistant Professor in the Division of Transplantation and Hepatobiliary Surgery and serves as Surgical Director of Kidney, Pancreas and Living Donor Transplantation. She is committed to providing personalized care for each of her patients, and as highlighted in the journal, she has increased the amount of available opportunities for patients with kidney failure to receive a kidney transplant by utilizing programs intended to help find a matching donor. Dr. Stewart also contributes to the field of biomedical research through her NIH funded lab, where she studies diabetes and cystic fibrosis, diseases that impact thousands of children and young adults. She dedicates time to teaching students, surgery residents, and organ transplant fellows in the operating room, classroom, and laboratory. Congratulations, Dr. Stewart!

Congratulations to our Resident Research Day Winners!

Resident Research Day was held in conjunction with the Annual Dr. Carol Scott-Conner Lectureship in May 2012. The 2012 Visiting Professor for the Lectureship, Dr. John Niederhuber, served as one of the judges. Congratulations to the following Surgery Residents:

BEST BASIC SCIENCE PRESENTATION:

Philip Spanheimer, MD (1st place) – presented by Tony Cyr
"TFAP2C Regulates Erk1/2 and Akt Activation and Cell Proliferation Through the Ret Receptor in Breast Carcinoma"

Jennifer Hrabe, MD (2nd place) *"Hepatic Expression of Extracellular Superoxide Dismutase Promotes Pancreatic Cancer Metastasis Through Adhesion Molecule Upregulation in Mice"*

Jessemæe Welsh, MD (3rd place) *"Extracellular Superoxide Dismutase (EcSOD) Suppresses Hypoxia-Inducible Factor-1α (HIF-1α) and Inhibits Growth in Pancreatic Cancer"*

BEST CLINICAL PRESENTATION:

Paul Jose, MD (1st place) *"Weight loss Pattern from Bariatric Surgery Successfully Predicts the Outcome in the Management of Obstructive Sleep Apnea"*

Fadi Dahdaleh, MD (2nd place) *"The Value of Preoperative Imaging in Ileal Neuroendocrine Tumors"*

Anuradha Bhamà, MD (3rd place) *"Thyroglossal Duct Cysts in Children Versus Adults – Is There a Difference?"*

BEST POSTER:

Fadi Dahdaleh, MD *"Reduced BMP Signaling Due to BMPRII Germline Mutations in Juvenile Polyposis"*

Clinical Services Available at UI's Iowa River Landing

University of Iowa Health Care recently opened its Iowa River Landing medical facility located near the Interstate 80 interchange in Coralville, Iowa.

Surgical services available at this new outpatient medical facility include:

Gastrointestinal/Colorectal Surgery

- Dr. John Cromwell
- Dr. John Byrn
- Dr. Muneera Kapadia

Breast Surgery

- Dr. Sonia Sugg

Vascular Surgery

- Dr. W. John Sharp
- Dr. Rachael Nicholson

Hours for Surgical Specialty Services are Monday through Friday from 8 a.m. to 5 p.m.

UNIVERSITY OF IOWA HEALTH CARE
 IOWA RIVER LANDING
 LOCATION AND CONTACT

105 East 9th Street
 Coralville, Iowa 52241

Scheduling- (319) 467-2000
 Toll-Free- (855) 467-3700



THE IMPORTANCE OF PHILANTHROPY TO THE DEPARTMENT OF SURGERY

Established in 1870, the UI Department of Surgery has a proud history that relies on gifts and philanthropic partnerships to help advance our clinical, research, and educational missions. Simply put, a gift to the UI Department of Surgery is a gift of knowledge, discovery, and life.

Every dollar is used to further our understanding of surgical medicine; to develop new techniques, technology and treatments; and to train future surgeons and scientists. In these missions, we are assisted by the generous support of alumni, grateful patients, colleagues and other friends whose contributions help us sustain our excellence.

In partnership with private contributors, we can make a difference in the lives of the tens of thousands of patients who visit us each year, as well as all of those who will benefit from our research discoveries, or who are treated by our graduates.

Let us show you how your donation can forge a partnership in surgical excellence.

If you are interested in helping the Department of Surgery, please contact our gift development officer to discuss giving opportunities. On behalf of our patients, surgical trainees, and researchers, thank you for your interest and investment in the UI Department of Surgery.

Shelly Mott, Associate Director of Development

Major Gifts

UI Carver College of Medicine and
 University of Iowa Hospitals and Clinics
 shelly-mott@uiowa.edu
 (319) 467-3668

RESEARCH



Dr. Joseph Cullen's project, "Ascorbate-induced radiosensitization in pancreatic cancer," has recently been awarded grant funding by the National Institutes of Health (NIH). The project is being funded through the "U" grant mechanism to reflect Dr. Cullen's close collaboration with NIH program staff—specifically, Dr. Mark Levine, who serves as Chief of the Molecular and Clinical Nutrition Section of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). Dr. Cullen's project continues his promising investigations into using pharmacological intravenous ascorbate (i.e., ascorbic acid, vitamin C), as an adjuvant to radio-therapy, to treat pancreas cancer.

Dr. Cullen has also received an Oberley Seed Grant from the Holden Comprehensive Cancer Center, as well as additional funding through the Veterans' Affairs (VA) Merit Program.



A research communication authored by **Dr. Isaac Samuel** and others published in the *Pancreatology* journal in October 2010, describes a novel pancreatitis experimental model and was featured as the cover story in the National Institutes of Health (NIH) Summer 2011 Digestive Diseases News.

Dr. Samuel, Associate Professor of Surgery, and his team developed and characterized this novel mouse model and showed several similarities with severe human gallstone pancreatitis, making this model stand out against existing models.

No specific treatment exists for acute pancreatitis as the pathogenesis is poorly understood. Since investigating the early stages of the disease in humans is impossible, the NIH has emphasized a special need for such models of acute pancreatitis. **Dr. Samuel** states, "To find a drug, you need a target. And to find a target, you need a model." Using this model, his federally funded basic science laboratory has already made some important discoveries regarding the potential role of stress-activated pathways in the development of early stage pancreatic inflammation.



Surgery Resident **Raphael Sun, MD** was recently awarded grant funding through the Association for Academic Surgery (AAS) Foundation Research Fellowship Award. This award will allow **Dr. Sun** to pursue a two-year research fellowship advancing his project, "IGF2 Expression after Small Bowel Resection."

The American Society for Metabolic and Bariatric Surgery (ASMBS) has recently recognized the findings of **Isaac Samuel, MD**, Associate Professor (pictured top right) and **Mohammad Jamal, MD**, Clinical Associate Professor (pictured bottom right) of the UI Obesity Surgery Program for findings which identify increased benefits of weight loss surgery, including reduction of migraine headaches, reversal of infertility related to polycystic ovarian syndrome, and long term improvement of hyperlipidemia. These findings have also garnered international recognition for excellence in both surgical methodology and medical research.



James Mezhir, MD, an Assistant Professor in the Division of Surgical Oncology and Endocrine Surgery, has been awarded a two-year American Surgical Association Foundation Fellowship. This is a highly competitive award that speaks to the outstanding potential of **Dr. Mezhir** as a surgeon-scientist. This highly prestigious award will allow him to conduct research on his proposal entitled "Extracellular superoxide dismutase alters the tumor microenvironment in pancreatic cancer."



Geeta Lal MD, an Associate Professor in the Division of Surgical Oncology and Endocrine Surgery, was recently awarded a five-year National Institutes of Health (NIH) K08 Mentored Clinical Scientist Research Career Development Award. This award will enable her to advance work on her research proposal, "Regulation of Extracellular Matrix 1(ECM1) and its role in thyroid carcinogenesis." This is a tremendous accomplishment and an important milestone in **Dr. Lal's** career as a surgeon-scientist.



DEPARTMENT OF SURGERY EVENTS

Save the Date!

DR. CAROL SCOTT-CONNER LECTURESHIP & RESIDENT RESEARCH DAY

Dr. Carol Scott-Conner Visiting Professor: **Jeffrey Drebin, MD, PhD**
Chair of the Department of Surgery, Penn Medicine
Tuesday, June 4, 2013

Recent Events

SOCIETY OF CLINICAL SURGERY
NOVEMBER 3-5, 2011

Dr. Ronald Weigel served as program chair for the 168th meeting of the Society of Clinical Surgery, hosted at the University of Iowa Hospitals and Clinics medical campus.

The Society states that through its meetings it affords members opportunities to demonstrate advances in operative methods and surgical teaching. Meeting hosts arrange research presentations and operative demonstrations at their institutions to help keep members abreast of current surgical ideas and techniques.

WISCONSIN SURGICAL SOCIETY
MAY 15, 2012

The Department of Surgery hosted The Wisconsin Surgical Society for an afternoon of presentations highlighting interesting and innovative research and clinical achievements taking place in the department.

The Wisconsin Surgical Society is a small group of surgeons from both academic and private medical settings with a tradition of traveling to learn from outstanding surgical departments throughout the nation. **Dr. Sonia Sugg** served as host and moderator for this program.

DR. CAROL SCOTT-CONNER LECTURESHIP
MAY 29, 2012

John Niederhuber, MD, Chief Executive Officer, Inova Translational Medicine Institute, was the 2012 Dr. Carol Scott-Conner Visiting Professor. **Dr. Niederhuber** presented "The Importance of the Tumor Microenvironment in Cancer Progression."

Dr. Niederhuber previously served as NCI's chief operating officer and deputy director for translational and clinical sciences and chair of the National Cancer Advisory Board (NCAB). He remains involved in research at his laboratory on the National Institutes of Health (NIH) campus.

As a surgeon, **Dr. Niederhuber's** clinical emphasis is on gastrointestinal cancer, hepatobiliary (liver, bile duct, and gallbladder) and breast cancers. He is recognized for his pioneering work in hepatic artery infusion chemotherapy and was the first to demonstrate the feasibility of totally implantable vascular access devices.

AMERICAN ASSOCIATION OF ENDOCRINE SURGERY
APRIL 28 - MAY 1, 2012

The University of Iowa and its local AAES members, **Drs. Ronald Weigel, James Howe, Geeta Lal, and Sonia Sugg**, were honored to host the society's 33rd annual meeting in Iowa City, Iowa in Spring 2012.

The meeting had record turnout with 445 attendees. The program consisted of scientific sessions featuring oral presentations, poster presentations, workshops, tumor board discussion, and historical lectures. The meeting also affords members the opportunity to network and connect with old friends and new through various social and recreational activities.

SURGERY POSTGRADUATE CONFERENCE
OCTOBER 18-19, 2012

The 2012 Surgery Postgraduate Conference featured a number of outstanding lecturers, including:

SIDNEY ZIFFREN LECTURESHIP

Richard Bell, Jr. MD

Professor of Surgery
Vice President of Discourse LLC
Former Chair of Northwestern University
Former Assistant Executive Director of the ABS
Philadelphia, PA

JOHANN EHRENSHAFT VISITING PROFESSOR

Jean Deslauriers, MD, FRCS

Professor of Surgery Université Laval Department of Surgery
Quebec, Canada

THE COMMITTEE ON TRAUMA BOYLE LECTURER

Nicole Simone Gibran, MD, FACS

Professor of Surgery & Director of Burn Treatment Center
University of Washington Harborview Medical Center
Seattle, WA

Calvin Atwell, MD

Muscatine Medical-Surgical Associates
Muscatine, IA

Ann Lowry, MD

Professor of Surgery, University of Minnesota
Colon & Rectal Surgery Associates
Minneapolis, MN

Department of Surgery
University of Iowa Health Care
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1500 JCP
Iowa City, Iowa 52242



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E-mail: surgerynews@healthcare.uiowa.edu
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