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A Newsletter from the Emory University Department of Urology | **Spring 2015**
www.urology.emory.edu

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Professor and Chair

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Message from the Chair - **Martin G. Sanda, MD**

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As we strive to provide exceptional Urology clinical service and advance urological science, we are constantly reminded that these professional pursuits pale in importance compared to the well being of each other and our

families: Fulfillment at home and fulfillment in our professional endeavors are mutually supportive. So it is fitting to highlight and celebrate the joyous arrival of newborns to four of the Emory Urology family (see Babies!Babies! on page 3) ... Congratulations to Akanksha, Shanerica, Louis, and Mike on each of their new bundles of joy!

Emory Urology Distinguished Alumni Award - **Dr. David P. O'Brien III**

Dr. David O'Brien received the 2014 Emory Urology Distinguished Alumni Award. Dr. O'Brien graciously accepted the award in a ceremony at the 2014 Advances in Urology Emory Conference. The award recognizes alumni of Emory School of Medicine, past Emory Urology graduates and/or Emory faculty members for their outstanding contributions toward advancing the field of Urology.

O'Brien grew up in Louisville, Kentucky where he attended Atherton High School, graduating as President of his Senior Class in 1958. In high school, he managed the basketball team, played on the football and baseball team, serving as captain.

He attended Princeton University graduating with an AB degree in Biology in 1962. He attended the University of Kentucky School of Medicine in Lexington receiving an M.D. degree in 1966 followed by two years of surgical residency.

O'Brien served in US armed forces and was deployed to Vietnam 1969-1969. While on active military duty with the U. S. Navy, he treated US Marines both in a Marine Infantry Battalion and the First Marine Division Field Hospital in South Vietnam. He spent the subsequent year at the US Navy Hospital, Marine Corps Base at Camp Pendleton California. While in Vietnam Dr. O'Brien received a letter from Dr. Kenneth Walton, the new appointed Chairman of the Urology Service at Emory at that time, offering him a residency position. O'Brien immediately accepted the offer and joined Emory Urology for residency training (1970-1973) and subsequently stayed on as a urology faculty.

He described his years at Emory: "It was the experience of a lifetime embellished by the satisfaction of participating in the education and surgical training of residents." He continues "There was always a challenge and always a joy as happens as the



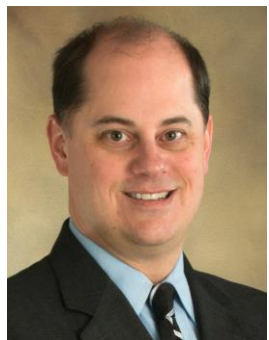
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training shifted from teacher to pupil to pupil to teacher.” Asked often by residents about his standard composure in the operating room even under the most difficult circumstances, O’Brien always replied, “if you’ve ever operated in a flak jacket and a helmet with rockets and mortars exploding around you, the rest seems pretty easy”.

During his career Dr. O’Brien has had the great fortune to be supported by his wife Sue (Dr. Susan Kensella), five children, David IV, Kirk, Megan, Steven and Cristin, and five grandchildren who continually provide lifetime joy.

Emory Urology is proud to award the inaugural *Emory Urology Distinguished Alumni Award* to an extraordinary role model — an outstanding urologist, a sincere and admired educator, physician and a gentleman— Dr. David O’Brien.

Dr. Ritenour Promoted to Professor



Dr. Chad Ritenour was recently promoted to Professor of Urology. Dr. Ritenour earned degrees from the University of Virginia and Medical College of Virginia and then received his urology training at Emory University. He joined the faculty at Emory University urology in 2001, excelled and rose up the ranks to serve as Interim Chairman of Urology (2010- 2013), Associate Chief Medical Officer and Associate Chief of Surgical Services for Emory University Hospital (EUH).

Dr. Ritenour continues to play key role in the success of the Department of Urology and Emory University School of Medicine. He is nationally-recognized for his contribution to education and residency training. He is currently Vice Chair for Education and Faculty Affairs, Program Director for urology residency training and a member of Urology Residency Review Committee (RRC) of the Accreditation Council of Graduate Medical Education (ACGME), a six-year term started in July 2014.

Emory Urology in JAMA

The January 20, 2015 issue of JAMA, the official journal of the American Medical Association, featured a research study from Emory Urology and Center of Disease Control led by Dr. Sheree Boulet and Dr. Akanksha Mehta. The research investigated ICSI (Intacytoplasmic Sperm Injection) as a method of assisted reproduction that involves the injection of a single sperm into a single egg. The article concluded that while the use of ICSI has doubled since it was first introduced in the 1990s, its use has not impacted reproductive outcomes compared to In vivo fertilization (IVF). In fact, in the absence of male factor infertility, the use of ICSI may even be associated with statistically worse, albeit not necessarily clinically worse, reproductive outcomes.

Emory Urology is proud to be featured in JAMA. JAMA has the largest circulation of any general medical journal in the US (15 million online visits annually & 320,000 subscribers) and an Impact Factor of 30, one of the highest in medicine and science.



New Faculty - Dr. Cara Cimmino

Dr. Cimmino joined Emory Urology as Assistant Professor with clinical interest in general and office urology with special emphasis on Men’s Health including male infertility, sexual health, Peyronie’s disease and hypogonadism (low testosterone).

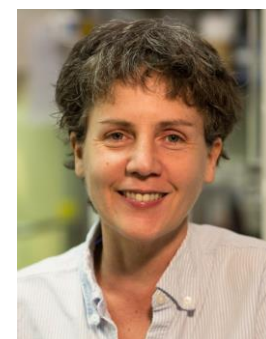
Dr. Cimmino received her undergraduate education (Bachelor degree in Psychology) and medical degree from the University of Michigan in Ann Arbor, Michigan. She completed her General Surgery internship and Urology residency training at the Lahey Clinic in Burlington, Massachusetts. This was followed by specialty fellowship training in Andrology, Male Infertility, and Sexual Medicine at the University of Virginia in Charlottesville, Virginia. Dr. Cimmino is closely involved in teaching and mentoring medical students and urology residents. She has authored several book chapters, as well as multiple articles in peer-reviewed scientific journal articles.



2015 MilliPub Club Award – Rebecca Arnold, PhD

Dr. Rebecca Arnold, Department of Urology, was recently inducted in the *MilliPub Club* in a ceremony held on March 25, 2015 at Emory University School of Medicine. The *MilliPub Club* honors and recognizes Emory faculty members who have published papers that have garnered more than 1000 citations. Such papers are commonly considered “citation classic” and represent high impact scholarship. Dr. Arnold cloned and described the characterization of Mox1 (later updated to Nox1), which is a key enzyme that generates reactive oxygen species - crucial molecules in cancer biology. Her discovery led to the subsequent description of a family of enzymes, Noxs 1-5 and dual oxidases Duox1/2.

Dr. Arnold’s research article “Cell transformation by the superoxide-generating oxidase Mox1” was published in *Nature*, one of the top 10 scientific journals in the world with an impact factor of 30.





Sanda Named Chair of AUA Panel on Prostate Cancer

Martin Sanda, MD, Professor and Chair of Urology, was named Chairman of the American Urological Association (AUA) Panel to develop guidelines for the treatment of localized prostate cancer. Dr. Sanda's clinical practice, which includes robotic prostatectomy and robotic cystectomy, is focused on developing new surgical and non-surgical approaches to cancer care and to improving the quality of life among cancer survivors.

Four New Emory Urology Residents – Class of 2020

Four New Emory Urology residents (2015-2020) were accepted into Emory Residency program through the American Urological Association National Residency Match. They includes some of the brightest medical graduates in the country - Dr. Mark A. Henry (Northeastern/Tufts), Dr. Andrew K. Leung (UCLA/Emory), Dr. Mohammed A. Said (Univ of Iowa/ Northwestern) and Elizabeth C. Wendel (Stanford/ Harvard).

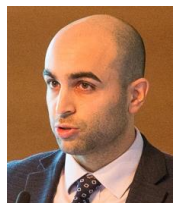
Emory Urology Research – Did You Know?

Emory urology continues to expand its research enterprise in pursue of innovation and discovery that would impact future healthcare. Here are few current facts about Emory Urology research:

- 50 current studies that include clinical, multi center trials, drugs and lab studies.
- 25 Investigator-initiated studies, 16 prospective, and 9 retrospective.
- 13 sponsored studies, of which 6 are federally funded grants, 5 industry sponsored and 2 foundation sponsored.
- 3 collaborative studies with Radiology, Radiation Oncology and Executive Health at Emory University.
- The Clinical research Unit (CRU) has currently three open interventional studies. Emory Urology is the highest enrolling site for 2 studies, and the highest enrolling US site for the 1 international study.
- Clinical Research Unit (CRU) industry clinical trials revenue is \$335,602.
- 2015 Total Grant funding is \$1,252,763.

Awards, Accomplishments & News

- Dr. Paymon Nourparvar (UR-3 Urology Resident) was awarded 3rd place in the Montague Boyd Prize essay at the 79th Annual Meeting of the Southeastern Section of the American Urological Association (AUA). Dr. Montague Boyd was the founder of the Southeastern Section, and he served as president in 1933 and 1934. The prize was established in 1967 and is given to a resident, fellow, or urologist in private practice <10 years. Dr. Nourparvar was presented with the Research Achievement Plaque and a check for \$500.
- Dr. Paymon Nourparvar (UR-3 Urology Resident) won the First Inaugural Research Achievement Award at Emory Urology Annual Research Retreat for his research *"Safety and Efficacy of Ureteral Stent Placement at the Bedside Under Local Anesthesia."*
- Emory Urology welcomes Ms. Eunice J. Goetz, MS, PA-C, MPH, as the new *Physician Assistant* at Emory University Hospital.
- Emory Urology welcomes Ms. Kathryn Wehrmeyer, BS, as a new *Clinical Research Coordinator*.
- Adeboye Osunkoya, MD, a uropathologist at the Atlanta VAMC and Associate Professor of Pathology and Urology at Emory University School of Medicine received the 2015 Arthur Purdy Stout Prize on March 22



at the annual meeting of the United States and Canadian Academy of Pathology (USCAP). The USCAP, which is the largest organization of academic pathologists in North America, named this prestigious prize in honor of a former director of surgical pathology at Columbia University. The honor is bestowed each year to a rising star in the field of pathology, who is under the age of 45 and whose publications have "had major impact on diagnostic pathology". A member of the Atlanta VAMC Staff and Faculty at Emory University School of Medicine since 2007, Dr. Osunkoya splits his clinical and research time between the two institutions. This, once again, demonstrates the valuable interdependence between the Atlanta VAMC and Emory University School of Medicine.

- Emory's Medical Student, Rishi Robert Sekar, received the 2015 AUA Urology Care Foundation Herbert Brendler, MD, Summer Medical Student Fellowship Program Award. The award will support Rishi's *Discovery* research project under the mentorship of Associate Professor Viraj Master. The Master/Sekar team will be studying the prognostic value of specific immunologic markers on the overall survival and recurrence in patients with renal cell carcinoma. In addition the Rishi's *Discovery* project, the team received a second grant from the Atlanta Clinical and Translational Science Institute (ACTSI).



Welcoming New Babies

Baby Girl - Cecilia Ferne Bryant (Michael Bryant, MD) March 03, 2014

Baby Girl - Cecilia Aliperti (Lou Aliperti, MD) February 4, 2015

Baby Girl - Layla Sky Johnson (Shaneric Johnson) March 17, 2015

Baby Boy - Ravi William Grossberg (Akanksha Mehta, MD) March 28, 2015



Dr. Nourparvar & Dr. Petros



2014 November – The Month of Mostasche



Dr. Kenneth Ogan

Emory Urology Scientific Publications October 2014 – March 2015

- NAD⁺ protects against EAE by regulating CD4⁺ T-cell differentiation. Tullius, Biefer, Li, Trachtenberg ... Kissick et al. *Nature Communications*, **October 2014**.
- Prostate cancer with Paneth cell-like neuroendocrine differentiation has recognizable histomorphology and harbors AURKA gene amplification. Park, Chen, MacDonald ... Sanda et al. *Human Pathology*, **October 2014**.
- The Prostate Health Index Selectively Identifies Clinically Significant Prostate Cancer. Loeb, Sanda, Broyles et al. *Journal Urology*, **November 2014**.
- Intense androgen-deprivation therapy with abiraterone acetate plus leuprolide acetate in patients with localized high-risk prostate cancer: results of a randomized phase II neoadjuvant study. Taplin, Montgomery, Logothetis ... Sanda et al. *Journal of Clinical Oncology*, **November 2014**.
- Can urinary PCA3 supplement PSA in the early detection of prostate cancer? Wei, Feng, Partin ... & Sanda. *Journal of Clinical Oncology*, **December 2014**.
- Quality of Life After Primary Treatment for Localized Prostate Cancer: Long-term Considerations. Alemozaffar & Sanda. *Europe Urology*, **December 2014**.
- Outcomes after urothelial recurrence in bladder cancer patients undergoing radical cystectomy. Mitra, Alemozaffar, Harris, Schuckman, Skinner & Daneshmand. *Urology*, **December 2014**.
- Surgery for high-risk prostate cancer and metastatic prostate cancer. Safir, Lian, Alemozaffar & Master. *Current Problems in Cancer*, **January 2015**.
- Multicenter Evaluation of the Prostate Health Index (PHI) for Detection of Aggressive Prostate Cancer in Biopsy-Naïve Men. de la Calle, Patil, Wei, Scherr, Sokoll, Chan, Siddiqui, Mosquera, Rubin & Sanda. *Journal of Urology*, **January 2015**.
- Minimally important difference for the Expanded Prostate Cancer Index Composite Short Form. Skolarus, Dunn, Sanda, Chang, Greenfield, Litwin & Wei. PROSTQA Consortium. *Urology*, **January 2015**.
- Successful combined intratumoral immunotherapy of established murine mesotheliomas requires B-cell involvement. Krishnan, Bakker, Lee, Kissick, Ireland & Beilharz. *Journal Interferon Cytokine Research*, **February, 2015**.
- High Expression of Major Histocompatibility Complex Class I in Clear Cell Renal Cell Carcinoma Is Associated with Improved Prognosis. Holzman, de la Calle, Kissick, Osunkoya, Pollack, Patil, Ogan & Master. *Urology International*, **February 2015**.
- Preoperative quantification of perceptions of surgical frailty. Revenig, Canter, Henderson, Ogan, Kooby, Maithel, Liu, Kim & Master. *Journal of Surgical Research*, **February 2015**.
- Cardiopulmonary bypass (CPB) has no significant impact on survival in patients undergoing nephrectomy and level III-IV inferior vena cava thrombectomy; a multi-institutional analysis. Nguyen, Tilki, Dall'Era ... Master et al. *Journal of Urology*, **March 2015**.
- R.E.N.A.L. Nephrometry Score Predicts Early Tumor Recurrence and Complications after Percutaneous Ablative Therapies for Renal Cell Carcinoma: A 5-Year Experience. Camacho, Kokabi, Xing, Master, Pattaras, Mittal & Kim. *Journal of Vascular Intervention Radiology*, **March 2015**.
- Association between urologist characteristics and radiation oncologist consultation for patients with locoregional prostate cancer. Quek, Ward, Master, Lin, Portier, Virgo & Lipscomb. *Journal of National Comparative Cancer Network*, **March 2015**.
- Nomograms incorporating serum C-reactive protein effectively predict mortality before and after surgical treatment of renal cell carcinoma. Hsiao, Herrel, Yu, Kattan, Canter, Carthon, Ogan & Master. *International Journal of Urology*, **March 2015**.
- Video-based educational tool improves patient comprehension of common prostate health terminology. Wang, Jani, Sesay, Tai, Lee, Echt, Goodman, Kilbridge & Master. *Cancer*, **March 2015**.
- Beyond immune checkpoint blockade: new approaches to targeting host-tumor interactions in prostate cancer: report from the 2014 Coffey-Holden prostate cancer academy meeting. Miyahira, Kissick, Bishop et al. *Prostate*, **March 2015**.

Your Support Can Do Wonders!

As a nonprofit organization, Emory Urology depends on gifts from patients and friends of the department to help support its mission to provide the very best in urological research, training, and care. Gifts of any size truly make a difference!

- Support the day-to-day operations - **Urology Excellence Fund**
- Educate future urologists - **Residency Support Fund**
- Support clinical care & research centers - **Uro-oncology, The Stone Center, Men's Health, and/or The Continence Centers**

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