

# Research Day 2017

Research Day at the WVU/CAMC campus in Charleston on Thursday April 18 featured oral and poster presentations by residents, medical students, nursing students and other healthcare students from research that has been conducted on a WVU/CAMC Charleston Division campus.

The event is sponsored by Charleston Area Medical Center, the CAMC Health Education and Research Institute and the Robert C. Byrd Health Sciences Center of West Virginia University Charleston.

After a full day of presentations, awards were presented to recognize the winners as well as present some special awards to faculty research mentors.

## **WINNER - RESEARCH DAY - 2017**

### **Oral - Original Presentations**

#### **Tied for Third Place**

**3<sup>rd</sup> Place - \$250.00**

#### **Factors Affecting Choice of Treatment for Early Stage Breast Cancer in West Virginia**

Patrick Suggs – WVU School of Medicine  
Preceptor: Bryan K. Richmond, MD

**3<sup>rd</sup> Place - \$250.00**

#### **The Impact of the New Kidney Allocation System on a Geographically Isolated Transplant Program**

Kevin Brown, DO– Urological Surgery  
Preceptor: Joseph Africa, MD

**2<sup>nd</sup> Place - \$350.00**

#### **Predicting Perinatal Outcomes with an Obstructive Sleep Apnea Screening Tool**

Samantha Chaffin, MD – OB/GYN  
Preceptor: Byron Calhoun, MD

**1<sup>st</sup> Place - \$500.00**

#### **Effect of Healthy Kids Program on Childhood Obesity and Long-Term BMI Maintenance**

Adele Plazak Schweller, DO - Pediatrics

Preceptor: Jamie Jeffrey, MD, FAAP

**Case - Poster Presentations**

**Honorable Mention - \$100.00**

**Stroke in a Young Patient**

Kalin Fisher – WVU School of Medicine

Preceptor: Molly John, MD

**3<sup>rd</sup> Place - \$150.00**

**“PICKING” THE WRONG BUG- A Case of Toxic Shock Syndrome**

Monica Chowdhry, MD – Internal Medicine

Preceptor: Rayan Ihle, MD

**TIED FOR SECOND**

**2<sup>nd</sup> Place - \$250.00**

**Use of Impella Ventricular Assist Device in Patient with Massive Pulmonary Embolism Associated with Cardiac Shock**

Hassaan Yasin, MD – Internal Medicine

Preceptor – Aravinda Nanjundappa, MD

**2<sup>nd</sup> Place - \$250.00**

**Constipation to Hypotonia: Maintaining a High Index of Suspicion for Botulism**

Mahvish Qureshi, MD – Pediatrics

Preceptor: Sunil Naik, MD

**1<sup>st</sup> Place - \$350.00**

**Bedside Ultrasound Assisted Diagnosis of Incarcerated Appendix in Spigelian Hernia**

Shane Monnett, DO – Surgery

Preceptor: Ben Dyer, MD

**WINNER - RESEARCH DAY - 2017**

**Original- Poster Presentations**

**3<sup>rd</sup> Place - \$150.00**

**Effects of Obesity on Treatment Outcomes for the Inpatient Management of Skin and Soft Tissue Infections**

Brianna Thompson, PharmD – Pharmacy

Preceptor – John Crowley, PharmD, BCPS

**2<sup>nd</sup> Place - \$250.00**

**Do Patients Undergoing Carotid Endarterectomy Surgery Who Receive Dexmedetomidine With General Anesthesia Experience Faster Extubation Times and Consume Less Hypertensive Drugs Postoperatively than Patients who do not Receive Dexmedetomidine?**

Sherry Dalton , SRNA – CAMC School of Nurse Anesthesia  
Preceptor: Cassy Taylor, CRNA, DNP, DMP

**1<sup>st</sup> Place - \$350.00**

**What Doses of  $\beta$ -blockers are Being Used for Systolic Heart Failure in Patients Without Chronic Obstructive Pulmonary Disease?**

Tyler Trump – WVU School of Medicine  
Preceptor: William Carter, MD

**WINNER - RESEARCH DAY - 2017**

**Oral - Case Presentations**

**Tied for Third Place**

**3<sup>rd</sup> Place - \$150.00**

**Acute Myocardial Infarction in Young Female Patient with Systemic Lupus**

Ali Farooq, MD – Internal Medicine  
Preceptor: Pervaiz Hassan, MD

**3<sup>rd</sup> Place - \$150.00**

**Cervical Heterotopic Pregnancy**

William J. Artrip IV, MD – OB/GYN  
Preceptor: Aaron Parry, MD

**2<sup>nd</sup> Place - \$250.00**

**Hyperammonemia: Going Beyond Zebras**

Muhammad Mustafa Bhaty, MD – Internal Medicine  
Preceptor: Jack DePriest, MD

**1<sup>st</sup> Place - \$350.00**

## **Why Did I Wet Myself? A Unique Presentation of Vaginal Cuff Dehiscence and Small Bowel Prolapse**

Neha Sehgal, DO – Emergency Medicine

Preceptor: Steve Berry, MD

Dr. John Linton, Associate Vice President for Health Sciences and Dean of the WVU School of Medicine Charleston Campus, opened the awards ceremony by thanking those who serve as faculty and mentors to learners at the WVU Charleston campus every day, including faculty and mentors of CAMC residents, WVU Charleston medical students, the WV School of Osteopathic Medicine medical students and the many learners that join us on the WVU Charleston campus from over 120 affiliation agreements including students from physician assistant, pharmacy, nursing and advanced practice nursing, radiology, respiratory therapy, medical technologists and many other clinical and non-clinical programs. “As faculty and mentors you all demonstrate your dedication to the success of this campus as a teaching hospital where everyone teaches and everyone learns,” Dr. Linton said.

### **The William J. Maier Health Sciences Award**

The William J. Maier Health Sciences Award is the highest honor bestowed on an individual by West Virginia University Charleston Division. Past recipients of this prestigious award include: Dr. William Point, Dr. James Boland, Dr. Bert Bradford, Dr. Stephen Jubelirer, Dr. Cynthia Persily, Dr. Ali AbuRahma, Sharon Hall, Bob Savage, Dr. Joe Skaggs and Dr. John Linton.

To be eligible for the William J. Maier Health Sciences Award, the individual or organization must have made an outstanding contribution to the field of health education (which may include medicine, nursing, pharmacy and dentistry). The nominee should have made a significant contribution in research, politics, administrative and/or outstanding community service, that has made an impact on health education and the advancement of Charleston learners.

Dr. Linton presented the award to this year's recipient, Dr. Steven J. Jubelirer. Dr. Jubelirer has been associated with Charleston Area Medical Center campus for 35 years. He has served as a WVU/Charleston Division Clinical Professor of Medicine since 1987. Described as an integral part of the education, research, and service mission of the Charleston Area Medical Center campus, Jubelirer is a learner himself, dedicated to the reading and sharing of information from many venues. He has made innumerable contributions to the healthcare of patients in the Charleston community, to the state and to the region. The William J. Maier Health Sciences Award recognizes his continued mentoring of students and residents as well as young researchers.

This is not the first time that Jubelirer has been recognized with the William J. Maier Educator of the Year Award. He received the award in the early 2000's and his recognition again acknowledges his continued work and inspiration on the WVU Charleston campus nearly two decades later. "Dr. Jubelirer is not only an inspiration to learners but a mentor to faculty on this campus of how to mentor, how to ask the right questions and how to encourage and motivate learners," Dr. Linton said in presenting the award. "Whether serving on a committee, working within the scope of his clinical or academic role or somewhere in between, Dr. Jubelirer gives to the patient, the family, the healthcare community and most importantly – what we recognize today – the gift of sharing, curiosity and teaching to our learners. This physician exemplifies the traits that are honored in recipients of the William J. Maier Award."



### **The Steven J. Jubelirer Research Award**

The Steven J. Jubelirer Research Award was established by the CAMC Health Education and Research Institute in 1999 to honor and recognize the research and scholarly activity of Dr. Steve Jubelirer. The award is not recognized on an annual basis but is announced when

significant achievements have been accomplished by individuals and meritorious recognition is deemed appropriate. Previous awardees have included Dr. Ali AbuRahma, Dr. Mary Emmett and Dr. Cynthia Persily. This year, two individuals were honored with the award.

Sharon Hall, President of the CAMC Health Education and Research Institute presented the Steven J. Jubelirer Research Awards to Dr. Bryan Richmond and Dr. William H. Carter.



“Dr. Richmond is an individual that has reached and we believe achieved what might be the “brass ring” in research. This nominee has worked tirelessly over the past few years to construct a research project that not only has meaning to learners, clinicians and patients of Charleston Area Medical Center but would be a project that could potentially achieve national recognition and financial support,” Hall said.

A graduate of WVU School of Medicine, Richmond completed a General Surgery residency at CAMC and a MBA from WVU. He is currently a Professor of Surgery at WVU/Charleston Division and Section Chief of General Surgery at CAMC. Richmond mentors residents, medical students and even summer research externs on the application of research principles and processes.

Research has been an interest from early in his career – serving as a Teaching/Research Assistant in the Department of Chemistry at Marshall University in 1988 and as the EJ Van Liere Laboratory Research Fellow in the Department of Physiology at WVU School of Medicine in 1990.

Dr. Richmond has described his research passion in the following way: *“I’ve always been interested in the scientific method, but what I found most exciting was the trend that began several years ago in which the pendulum began to swing away from pure laboratory “bench” research and more toward outcomes based or translational research which was immediately relevant and beneficial to patients.”*

This describes very well the Dr. Richmond’s research life, which includes a CV with over 60 peer reviewed publications either in print or currently accepted or in press. He is a Reviewer for the following journals: Hepatology International, American Journal of Gastroenterology , Surgery, American Surgeon , Journal of the American College of Surgeons and the Annals of Surgery.

The national recognition previously mentioned involves a project submitted as a NIH Research Project Grant (Parent R01)- The NIH Research Project Grant supports a discrete, specified, circumscribed project in scientific areas that represent the investigators' specific interests and competencies and that fall within the mission of the participating NIH Institutes and Centers (ICs). The R01 grant application is the original, and historically the oldest, grant mechanism used by the NIH to support health-related research and development. It is rare that CAMC has worked with an applicant to develop an application for one of these prestigious grants. The filing of such a grant can be an arduous process that few will venture. We should hear something by the end of May if this applicant is to be funded for his project entitled: *Quality of life after laparoscopic cholecystectomy in patients with biliary dyskinesia: a prospective, multi-center, cohort study*. This project would involve collaboration with the University of Florida, University of Arizona, and Vanderbilt University and if funded would include an award of \$1,097,428.

Sharon Hall also honored Dr. William H. Carter with the Steven J. Jubelirer, MD Research Award.



Dr. Carter is also a member of the WVU Charleston Division faculty and a long-standing member of the CAMC medical staff. Hall referred to Dr. Carter as a “fire starter” for research – a person that always asks that great first question and has provided research inspiration to many students and faculty.

Dr. Carter has been a Clinical Professor of Internal Medicine and is currently a Clinical Professor of

Medicine for the WV School of Osteopathic Medicine.

Dr. Carter He completed an undergraduate degree at the University of Virginia, medical school at the University of Edinburgh, a residency in New York's Bellevue Hospital and a Fellowship at Duke University.

He serves on many local and regional boards serving his community and state. He is currently a member of the CAMC Institute Board. He is a previous winner of the WV American Heart Association – Heart of Gold Award.

Hall recognized Dr. Carter's contributions to research spans many venues. It includes research questions related to the fitness of patients' discharged from our facilities. Why are fairly fit individuals able to walk into our healthcare facilities but have to be "wheeled" out and have considerable rehab on discharge from what are mostly non-debilitating procedures? Would individuals make healthier choices from vending machines if there was more prominently displayed information related to calorie intake available on the displayed items? Or can we begin treatment of STEMI's in the field – can we get reliable EKG's for diagnosing from EMT's? Would increasing Beta Blockers improve health for heart failure patients?

Hall shared thoughts from peers about Dr. Carter's research philosophy. They included, "very industrious, thoughtful and patient with his research teams"; they have noted that he is "very passionate about his work in research"; and that "he asks questions in a way that no one else would think to ask but that lead you to follow a path of great discovery". Learners have shared that he is "always thinking, asking questions, and looking for the best to improve the patient's care." They sometimes say, "he is relentless" with all of his questions and ideas but recognize that this is part of his perceptive personality of getting to the "root" of a problem or a research question.

Dr. Carter is well known in the local research community. He's authored numerous publications in journals that include the Archives of Internal Medicine, the American Journal of Cardiology, the Journal of Cardiothoracic Surgery and the Journal of Electrocardiology. He's always thinking of the next project and how to collaborate with researchers. Most recently he forged a relationship between CAMC and the University of Charleston's School of Pharmacy to offer research opportunities to their Pharmacy students. He's able to be their mentor regarding the research process and give them hands on experience. These students are always appreciative of the time spent here at CAMC and working with Dr. Carter. He's written countless letters of recommendations.

Hall shared her own thoughts about the dedicated physician and researcher. "He's dedicated to the students and residents involved in research. The 6:00 am meetings, the long hours in the library finding just the right reference and working countless hours teaching chart review don't bother him. If it's when the students/residents can be there he'll be there. He wants to help them succeed and do well. He strives to accomplish comprehensive presentations and quality publications all while

taking a backseat to any accolades. Day in and day out he shows up. The process at times may be tedious, monotonous, tiresome, but he wants to do good quality research and be proud of the final product. He's always a team player and always humble with offering praise. Research is his life," Hall said.

Dr. Carter has served as chair, co-chair or chair emeritus of the Annual Cardiovascular Conference at Snowshoe sponsored by CAMC and Duke University Division of Cardiology for over 35 years. "This event mimics the character of this long-time research mentor of students, residents and faculty in including educational topics that ask questions, explore what you know and tease you to think differently," Hall said in her presentation to Dr. Carter.



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