



# SLEEPY TIMES

VOLUME 17, ISSUE 2 FEBRUARY 2023

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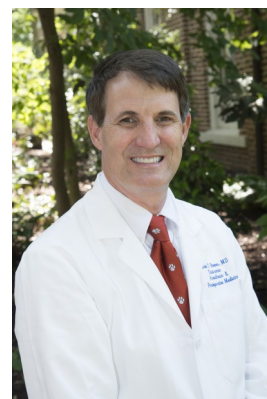
## MESSAGE FROM THE CHAIRMAN: OPENING OF MUSC SIMULATION CENTER BY CATHERINE TOBIN, MD

**-SCOTT T. REEVES, MD, MBA**

I have exciting news to share! Our MUSC Healthcare Simulation Center (HCS) has moved into its new location on the 2nd floor of the Colbert Library in the horseshoe. The entire building was renovated including the library, campus-wide student study spaces, and the College of Medicine lounge. The 2nd floor is shared with the Center for Clinical Evaluation Teaching and Simulation (CCET) for College of Medicine. Standardized patients for Objective Structured Clinical Examination (OSCE's) take place here.

Our center is used by the entire campus including students, residents, and hospital staff. The Colleges of Nursing, Medicine, Health Professions, and Pharmacy all utilize our HSC. Examples of some hospital courses we have hosted are Central Line Insertion, ACLS, Moderate Sedation, Ultrasound IV Insertion, LVAD Simulation, and Orientation for Patient Care Technicians.

The operating room at our simulation center has a functioning Drager anesthesia machine, video laryngoscopy, fiberoptic scopes, and code cart with working Zoll defibrillator.



Medical Students during Anesthesia ACLS and Pharmacology Simulations where they practice induction, maintenance and emergence on a patient undergoing general anesthesia



**OPENING STATEMENT CONTINUED**



Facilitator Dr. Mike Marotta and residents Dr. Davis Osborn and Dr. Robert Shebiro gearing up for OB Emergency Simulation



**OPENING STATEMENT CONTINUED**



Hospital Room



Large classrooms for up to 60 learners

There are two broad categories of Simulation: Immersive Scenario based (Example: case of anaphylaxis in pre op holding) or Skill Based (Example: central line insertion) We offer both “in center” courses and In-Situ courses (Where we come to you in OR, floor, or PACU). We also have many task trainers that can help learners master a skill. We have a simulation team and are ready to help you develop simulations or improve your current ones. Our [website](#) has resources on a scenario development process as well.

Here is our amazing staff. Please come see us!



Laurie Watson  
Simulation Specialist



John Walker  
Operations Manager



Julienne Kohler  
Business Manager



Frances W. Lee, DBA, CHSE  
Professor



Jaret Navarro  
IT Consultant



Steven Owen  
Simulation Specialist

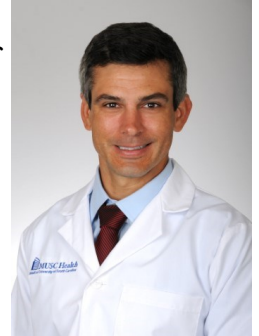


Mimi Mills  
Administrative Coordinator

## BATTLE ON THE BRICKS FOR MUSC CHILDREN'S HOSPITAL CAREY BREWBAKER, MD

On April 6th at TD Arena (C of C basketball stadium downtown) a charity boxing match will occur with the proceeds going to MUSC Children's Hospital and College of Charleston Athletic Scholarship Fund. Our very own, Dr. Carey Brewbaker was asked to participate and, despite some initial hesitation and complete lack of experience, will be fighting in one of the matches (24 boxers, 12 fights in total, 3 rounds a piece).

The main goal of the event is to raise money for the kids. Please consider buying a ticket to the fight and contributing to the fundraiser in Carey's name. The links to his fighter page for background info, donations and tickets/event info is below. The attendance goal two thousand people. Surely, there are at least a few of you that would enjoy seeing Carey getting punched.



Carey has been training at Back Bay Boxing for about a month already and is having a great time doing it despite never having boxed. His coach has offered to put a class together for a small donation going to the charities if any of you would like to come out and join in a training session at the boxing gym (non-contact, just exercise). It is really great exercise and a fun experience...let Carey know if there is any interest, and he will work to find a Saturday to do a training session for an MUSC group.

<https://give.botbchs.com/fundraiser/433027>

<https://www.chsboxing.com>

[Link to Battle of the Bricks Hype Video](#)



## AMERICAN HEART ASSOCIATION HEART WALK—ANESTHESIA SLEEP WALKERS

The Lowcountry Heart Walk is **Saturday, February 25, 2023**. Please join the Anesthesia Sleep Walkers team from the link below!

Please keep an eye out for our department fundraising efforts!

[Click here to join our team!](#)



**American  
Heart  
Association®**

**life** is why™

**HELEN HARMAN RETIRES****Every Once in a While**

It's not often in our work family, someone comes along who has a consistent positive impact. We have been fortunate in having Helen Harman with us for the past 15 years. She has always demonstrated a passion for her colleagues, their welfare, and MUSC. Helen retires now from a life spent in service and dedication to her patients, her profession, and her colleagues. We have been forever touched by her presence. We could all go on about the time Helen did something to make a day or time a little better. How she remembers others life events, and always reaching out to them. The gifts, the cards, the remembrance that someone shares our joy and sorrows. Now it is her turn, and her time. Our collective family of workers want to say we wish you the best in life and health. You have earned a place out of the workforce, but not out of our hearts.



## MUSC ALUMNI GOLF TOURNAMENT—FEBRUARY 25, 2023

Sign up for the Annual Anesthesia Department Charity Golf Tournament is now open. The tournament will again be taking place at the Charleston Municipal course Saturday, February 25. It will be a shotgun start with teams going off at 9:00 am. BBQ lunch will be provided after the tournament. Sign up for teams will be due Feb 15 via the google doc attached. If you would like to play but do not have a team, there is an area to sign up and get put on a team. Price to play will be \$50 and paid at the pro shop the morning of the tournament.

### Rules:

Will be playing a best ball scramble with teams of 4 people.

Will be selling 5 mulligans per team at \$5 each and 5 "hand grenades" at \$5 each as well. Hand grenade allows a player to defer a shot and throw the ball with their hand instead. Will pay for these day of tournament.

Will have both a long drive contest as well as closest to the pin. Holes for these will be announced day of tournament.

Prizes will be as followed:

1st: \$500

2nd: \$200

3rd: \$50

Long drive and closest to hole: prizes TBD



We would please ask each player to bring a can food item for the Charleston County food bank. All proceeds and monetary donations will be given to the food bank as well. Donations welcomed and can be venmoed to: @Jakehuntzinger

[https://docs.google.com/spreadsheets/d/1TK6EJq0x-xgkftUKuGV6lyxXI8LleWgR23sO4e0U\\_TM/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1TK6EJq0x-xgkftUKuGV6lyxXI8LleWgR23sO4e0U_TM/edit?usp=sharing)

## CHARLESTON HALF MARATHON

Deborah Romeo and Jennifer Moylan ran the Charleston half marathon on Saturday, January 14th. In spite of a starting temperature of 34 degrees with a wind chill of 27 degrees, they both finished under 2 hours 30 minutes and Jen got a half marathon PR!



**HAPPY CRNA WEEK! JANUARY 23-29, 2023****ANESTHESIA LACTATION ROOM****The Anesthesia Lactation Room is ready for use!**

A lactation room assigned to Anesthesia personnel only is now located on the 5th floor of the Extension Hospital—Room EH516. The room has private stations equipped with two hospital pumps and a mini fridge.

Update the vacant/occupied sign on the door when you enter/exit.

Email Kayla Pope, Kim Warren, or Jenny Ann Smoak for the access code.



**S.C. DHHS TEACHING HOSPITAL PHYSICIAN SURVEY - PLEASE COMPLETE BY 2/15**

January 19, 2023

## Your Response is Needed

Dear Physician,

As part of the State Medicaid Program MUSC Health, including MUSC Community Physicians, are now required to complete the S.C. Department of Health and Human Services' Teaching Hospital Physician Survey by February 15, 2023.

The state has changed the program to a 'directed' payment program this year. They included a 10% withholding on our payments from the MCOs. Return of the withholding amount is contingent on having 100% of our physicians complete the survey.

Inclusion in the program is based on receiving payment on a claim from Medicaid FFS or a Medicaid MCO in the prior calendar year (CY22).

You have been identified as a physician for whom a claim was filed with one of the MCOs and will need to complete this survey: <https://survey.scdhhs.gov/index.php/749823?lang=en>.

Please complete this survey as soon as possible. We must achieve full participation in this survey for MUSC to be eligible to receive all allowable Medicaid Payments from the state at the end of the fiscal year.

Concerning questions within the survey that include "FTE years", consider yourself as one (1) FTE and count each year of practice as one (1) year.

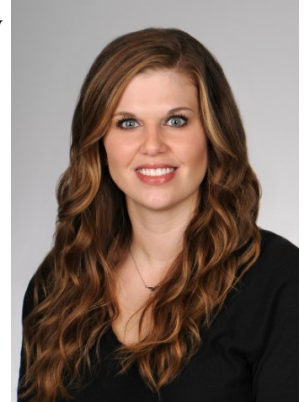
If you have any questions or concerns, please contact [Landon Blair](#).

*Patrick J. Gawley, MD, MHM*  
*CEO, MUSC Health and*  
*Executive Vice President for Health Affairs, University*



## AMERICAN ACADEMY OF MEDICAL COLLEGES MID-CAREER WOMEN FACULTY LEADERSHIP DEVELOPMENT SEMINAR; KATIE BRIDGES, MD

Dr. Katie Bridges was recently nominated for and attended the American Academy of Medical Colleges Mid-Career Women Faculty Leadership Development Seminar in Indian Wells, CA. This was a unique and highly educational conference whose attendees included physicians at the associate professor level spanning all medical specialties as well as basic science faculty engaged in research at academic medical centers. The conference included speakers from across the country with a variety of disciplines - physician leaders, attorneys, executive coaches, and individuals with corporate experience. The conference included numerous small group discussions and workshops on topics ranging from career transitions to academic funding challenges. There was a particularly engaging workshop in which all attendees completed a personality assessment and split into groups depending on personality "color." It was fascinating to see how most anesthesiologists in attendance fell into one of two personality types and how we use our personality strengths in daily practice. Not surprisingly, our personality types differed from most of our surgical colleagues as well as most primary care specialties. The discussions regarding personality evolution were very eye opening, ending with a recommendation for repeated personality testing at various stages of life. Is your personality type the same today as it was during college? Unlikely. Will it be the same in a decade? Probably not. Do you know how to interact effectively with individuals who don't share your personality type? Food for thought.



Ultimately, this conference allowed for female academic leaders to convene and learn from one another. It was interesting to see how many of the challenges faced in the research world are shared by those in clinical medicine. I appreciate the nomination and support of our department and the MUSC College of Medicine and am grateful for the opportunity to attend.

## RESEARCH CORNER

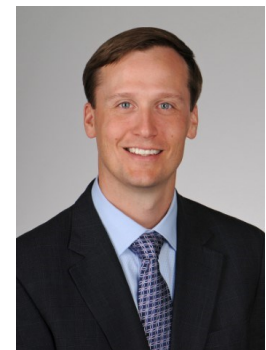
Research Article

For reprint orders, please contact: [reprints@futuremedicine.com](mailto:reprints@futuremedicine.com)

### Pain Management

#### Long-term safety of spinal cord stimulation systems in a prospective, global registry of patients with chronic pain

Richard L Rauck<sup>\*1</sup>, Eric Loudermilk<sup>2</sup>, Simon J Thomson<sup>3</sup>, Jose Francisco Paz-Solis<sup>4</sup>, Louis Bojrab<sup>5</sup>, John Noles<sup>6</sup>, Jan Vesper<sup>7</sup>, Joseph Atallah<sup>8</sup>, Daniel Roth<sup>9</sup>, Joseph Hegarty<sup>10</sup>, Michel Prud'Homme<sup>11</sup>, Gregory M Phillips<sup>12</sup>, Stephen G Smith<sup>13</sup>, Mohab Ibrahim<sup>14</sup>, Channing D Willoughby<sup>15</sup>, Jon B Obray<sup>16</sup>, Mayank Gupta<sup>17</sup>, Julio Paez<sup>18</sup>, Anthony P Berg<sup>19</sup>, Nathan J Harrison<sup>20</sup>, Paolo Maino<sup>21</sup>, Praveen Mambalam<sup>22</sup>, Matthew McCarty<sup>23</sup>, Glyn Towlerton<sup>24</sup>, Sarah Love-Jones<sup>25</sup>, Shakil Ahmed<sup>26</sup>, Albert Lee<sup>27</sup>, Binit Shah<sup>28</sup>, Itay Goor-Aryeh<sup>29</sup>, Marc A Russo<sup>30</sup>, Nicolas Varela<sup>31</sup>, Jeffrey B Phelps<sup>32</sup>, José Cid<sup>33</sup>, Tacson Fernandez<sup>34</sup>, Concepción Pérez-Hernández<sup>35</sup>, Douglas Keehn<sup>36</sup>, Joshua M Rosenow<sup>37</sup>, Nameer Haider<sup>38</sup>, Andrew G Parrent<sup>39</sup>, Melinda M Lawrence<sup>40</sup>, Peter Georgius<sup>41</sup>, Laura Demartini<sup>42</sup>, Agustin Mendiola<sup>43</sup>, Vivek Mehta<sup>44</sup>, Reinhard Thoma<sup>45</sup>, Atef F Israel<sup>46</sup>, Giuliano De Carolis<sup>47</sup>, Sanjay Bhatia<sup>48</sup>, Matthew Green<sup>49</sup>, Armando Villarreal<sup>50</sup>, Matthew T Crooks<sup>51</sup>, Ryder P Gwinn<sup>52</sup>, Julie G Pilitis<sup>53</sup>, Hitoaki Sato<sup>54</sup>, Sergio Maldonado Vega<sup>55</sup>, M. Gabriel Hillegass<sup>56</sup>, Paul Carnes<sup>57</sup>, Christian Scherer<sup>58</sup>, Silviu Brill<sup>59</sup>, James Yu<sup>60</sup>, James J Brennan<sup>61</sup>, Kliment Gatzinsky<sup>62</sup>, Annu Navani<sup>63</sup>, Lee T Snook Jr<sup>64</sup>, Borja Mugabure Bujedo<sup>65</sup>, Javier De Andrés Ares<sup>4</sup>, Abel Murillo<sup>66</sup>, Andrew T Trobridge<sup>67</sup>, Kamyar Assil<sup>68</sup>, Jawad Shah<sup>69</sup>, Carroll McLeod<sup>70</sup>, Joseph Buwembo<sup>71</sup>, Olivier De Coster<sup>72</sup>, Nathan Miller<sup>73</sup>, Mehendra Sanapati<sup>74</sup>, Medhat Mikhael<sup>75</sup>, Rene Przkora<sup>76</sup>, Norihiko Sukenaga<sup>77</sup>, Louis J Raso<sup>78</sup>, Aaron K Calodney<sup>79</sup>, Luz Elena Cáceres Jerez<sup>80</sup>, Takuya Uchiyama<sup>81</sup>, Jan-Willem Kallewaard<sup>82</sup>, Brett Chandler<sup>83</sup>, Fabián Piedimonte<sup>84</sup>, Kenneth D Candido<sup>85</sup>, Tristan E Weaver<sup>86</sup>, Takashi Agari<sup>87</sup>, David Holthouse<sup>88</sup>, Rex Woon<sup>89</sup>, Nileshkumar Patel<sup>89</sup>, Kristen Lechleiter<sup>5,89</sup> & Roshini Jain<sup>89</sup>



Gabe Hillegass, MD

## RESEARCH CORNER



Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

## Human Factors in Healthcare

journal homepage: [www.elsevier.com/locate/hfh](https://www.elsevier.com/locate/hfh)



Original Article

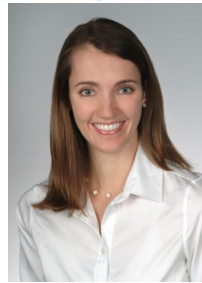
### “One size” doesn’t “fit all”: Understanding variability in anesthesia work practices



Joshua Biro<sup>a</sup>, David M. Neyens<sup>a,\*</sup>, Candace Jaruzel<sup>b</sup>, Catherine D. Tobin<sup>b</sup>, Myrte de Alfred<sup>c</sup>, Sarah Coppola<sup>d</sup>, James H. Abernathy<sup>e</sup>, Ken R. Catchpole<sup>b</sup>



Candace Jaruzel, PhD, CRNA



Catherine Tobin, MD



Ken Catchpole, PhD

Original Article

JOURNAL OF  
**PERIOPERATIVE  
PRACTICE**



### Anaesthesia cart standardisation expedites supply retrieval: A simulation study with patient safety implications

Journal of Perioperative Practice  
1–5

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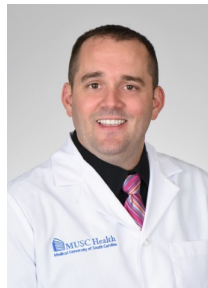
[journals.sagepub.com/home/ppj](https://journals.sagepub.com/home/ppj)



Carey L Brewbaker<sup>1</sup> , Robert A Mester<sup>1</sup>, Dulaney A Wilson<sup>2</sup>,  
Kaylee Massman<sup>1</sup>, Clinton F Pillow<sup>1</sup> and Sylvia H Wilson<sup>1</sup>



Carey Brewbaker, MD



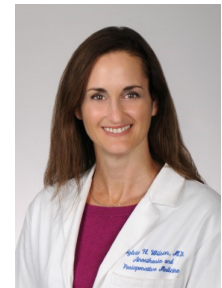
Robert Mester, MD



Dulaney Wilson, PhD



Clinton Pillow, MD



Sylvia Wilson, MD

**GRAND ROUNDS- FEBRUARY 2023**



**“Perioperative Vision Loss After Spine Surgery”**

**February 7, 2023**

**Marie DeRuyter, MD,**

**Dept. of Anesthesiology and Perioperative Medicine**

**Mayo Clinic**



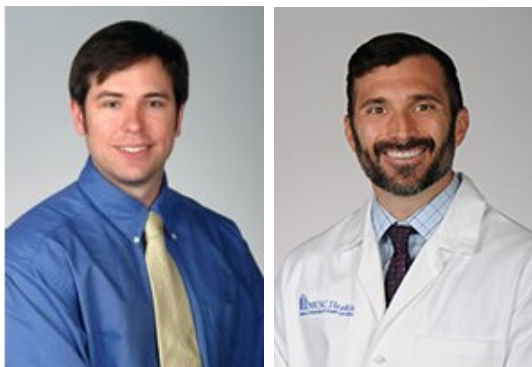
**“Post-Operative Airway Management ”**

**February 14, 2023**

**Taylor Ouellette, MD,**

**Dept. of Anesthesia & Perioperative Medicine**

**Medical University of South Carolina**



**“Bone Cement Implantation Syndrome”**

**February 21, 2023**

**Dr. Eric Bolin, MD, Associate Professor  
Dept. of Anesthesia & Perioperative Medicine**

**Dr. Zeke Walton, MD, Associate Professor**

**Dept. of Orthopedics and Physical Medicine  
Medical University of South Carolina**



**“The COVID-19 Pandemic—A Look Back for Greater Insight for the future”**

**February 28, 2023**

**Laura Roberts, MD, Associate Professor**

**Dept. of Anesthesia & Perioperative Medicine  
Medical University of South Carolina**

DEPARTMENT OF ANESTHESIA AND  
PERIOPERATIVE MEDICINE

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## I HUNG THE MOON

Please don't forget to nominate your co-workers for going 'Beyond the Call of Duty.' I Hung The Moon slips are available at the 3rd floor front desk and may

[CHECK OUT OUR WEBSITE](#)

### Future Events/Lectures

#### Intern Lecture Series

2/2—Fluids, Electrolytes, Acid/Base—Jeff McMurray

2/16—Bleeding and Transfusion—Savannah Hurt

#### CA 1 Lecture Series

2/15—Anesthesia for Endocrine Disease—Pritee Tarwade

2/22—Anesthesia for Neurosurgery—Robert Mester

#### CA 2/3 Lecture Series

Per Rotations



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Twitter:

<https://www.facebook.com/MUSCAnesthesia/>

<https://www.instagram.com/musc.anesthesiology/>

 Follow @MUSC\_Anesthesia



Graduation  
Friday, June 16th, 2023 6:00pm  
Founders Hall

### ONE MUSC Strategic Plan

#### We Would Love to Hear From You!

If you have ideas or would like to contribute to *Sleepy Times*, the deadline for the March edition will be February 18, 2023.