

MUSC FACULTY SENATE
Meeting Minutes
December 08, 2020, 7.45-9.00 am
WebEx Meeting

1. Call to order (*Nancy Klauber-Demore, MD, President*) 7.45 am
2. President's report:
 - President announced COVID-19 vaccine distribution timeline. FDA approval is expected on Dec 12th and then will be delivered to MUSC. Vaccination of employees/students will be performed in phases. Phase 1 will include all employees/students with direct patient contact. Information on how to schedule vaccination appointment will be communicated by email.
 - President reported that during last FS Executive Committee meeting medical Executive Committee representative Charles Andrews, MD., announced that a microchip, with real-time location capability, will be attached to badges of faculty, staff who are working on 2nd and 3rd floor of Shawn Jenkins Children's Hospital and Women's Health Pavilion. Based on this new information and concerns raised by faculty, religious, privacy, medical-legal, Dr. Zaas, MD, MBA, CEO MUSC Charleston Health, is invited to speak at FS meeting. Dr. Zaas will describe the project, explain how it will be implemented and what are the benefits for using this technology at MUSC. He will also answer questions from Faculty Senate. President informed Faculty Senate that microchip is different from ID badges with chips. This new chip will be used on ID badges of employees working in SJCH only. However, once this technology is brought to campus there is a potential that it may be implemented in other areas. The chip has real-time location detection capability. Microchip does not collect biometric data or it does not track conversation. The purpose of this microchip is to be used as a quality improvement tool by MUSC Hospital and MUSC Leadership. President announced that following this conversation, a survey would be prepared and distributed to faculty to understand their opinions on introducing this technology at MUSC.
3. Correction of Minutes from November – Donna Reinbeck corrected wording on “Blue Cross-Blue Shield will reduce Telehealth **costs** (corrected to **reimbursement**) by percentage25.”
4. November Minutes Approved without objection.
5. Invited Lectures. See attached.

- 8.00 am. David Zaas, M.D., MBA, CEO MUSC Health Charleston Division, Microchip tracking devices to improve hospital efficiency

Dr. David Zaas, CEO of MUSC, presented the proposal for the Siemens Shawn Jenkins Children's Hospital Digital Twin to Improve Patient Safety and Efficiency. Dr. Zaas explained that this technology uses RTLS Microchip tracking device that is attached to your ID badge. RTLS can be used indoors for the purpose of tracking, locating and monitoring the activity of people and things. Location data is received from devices (location transmitters) attached to ceilings or walls and transmitted via Wi-Fi through active asset tags for equipment and wearables for people (tags, badges). RTLS does not capture any data including biometrics, voice, or personal information. In 2018, MUSC and Siemens Health Engineers formed a first-of-its-kind strategic partnership with the mutual goal of advancing the quality of health care in South Carolina. The Digital Twin technology for workflow optimization in the procedural areas of the 2nd and 3rd floors at SJCH. The purpose is to address common healthcare challenges including patient safety, staff efficiencies, patient throughput, asset tracking, environmental monitoring, and clinical quality, with a future ability to serve enhance staff safety. The device will be distributed to faculty, staff and patients in the Children's Hospital 2nd and 3rd floor perioperative area.

Responses to Faculty Senate Questions from Dr. Zaas

Question: *Are there medical/legal concerns about location tracking of physicians?*

Answer: *This has been reviewed by hospital legal team who feel that having accurate data will actually help protect faculty. The information is discoverable in a malpractice case.*

Question: *For faculty that feel that this is an invasion of privacy, is there an opt out option?*

Answer: *No. This will be a requirement of employment similar to wearing an ID badge*

Question: *Will there be a religious exemption for those that think it violates their religious beliefs?*

Answer: *This question was answered by MUSC Legal Counsel, David Mclean. No, they do not believe this violates the 4th amendment and there will not be a religious exemption.*

Question: *Does the chip identify the faculty member? Could there be an alternate system where the chip only identifies the wearer's occupation?*

Answer: *Yes, the chip identifies the individual person. No, the proposal is not to have just the role of the wearer (i.e surgeon, nurse), as the chip can serve as a security device if there were an active shooter or a hurricane.*

Question: *There was a discussion about whether the data can be used for research.*

Answer:

It was pointed out by faculty that since this is being used for quality improvement and no informed consent was being obtained, the data cannot be used for research. The quality improvement data could be used for publication as a quality improvement project.

Question: *Who is responsible for the cost if a chip is lost or damaged?*

Answer: *The faculty member is responsible, replacement fee approximately \$100*

6. Electoral Unit Reports.

- Academic Affairs Faculty (*R.J. Lambert, PhD*)
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Academic Affairs is holding its annual Tom Basler Monologue, where this year Library Director Shannon Jones will present on the topic, “Why We Do What We Do.” In addition, the Academic Affairs “Employee of the Year” will be announced. Faculty and students are invited to contribute to MUSC’s *Humanitas* journal.
 - Dental Medicine (*Deirdre Williams, DDS, MS*)

Nothing to report
 - Health Professions (*Sandra Brotherton, PhD, MHS*)

MUSC’s Physician Assistant Studies program agreed to accept PA students from Francis Marion University (FMU) after the university decided to withdraw it’s request for accreditation. There were two classes of PA students enrolled at the time of the program closure. The second year students were able to complete their last few months of their clinical rotations and graduated in Dec. The first year students will complete their last didactic courses in an on-line format and will then participate in their clinical experiences, primarily in the Florence area. All newly accepted students at FMU were provided with the opportunity to begin their classes at MUSC.
 - Medicine: Basic Science (*Bethany Jacobs Wolf, PhD*)

Nothing to report
 - Medicine: Clinical Science (*Cynthia Oliva, MD*)

Nothing to report
 - Nursing (*Donna Reinbeck, RN, PhD, OCN, NEA-BC*)

Nothing to report
 - Pharmacy (*Nicole Pilch, PharmD, MSCR, BCPS*)

Nothing to report
7. Committee Reports.
- Communication and Education (*Kathryn Kinyon, DNP, CPNP, AHN-BC*)

Nothing to report
 - Governance (*Laura Kasman, PhD*)

Committee is planning to meet this month
 - Faculty and Institutional Relations (*Jane Joseph, PhD*)

No report

- Institutional Advancement (*Kathryn Cristaldi, MD*)
Committee meeting invite to will be sent this week.

MEC (Medical Executive Committee) rep (*Charles Andrews, MD*)

No report.

8. No new business.

9. Adjourn 9.03 am