

**OLD DOMINION UNIVERSITY
BOARD OF VISITORS
Executive Committee Meeting
Monday, March 17, 2014**

MINUTES

A meeting of the Executive Committee of the Old Dominion University Board of Visitors was held on Monday, March 17, 2014, at Noon in the Board Room of Webb University Center on the Norfolk campus. Present from the Committee were:

Fred J. Whyte, Rector
Jeffrey W. Ainslie
Luke M. Hillier
Marc Jacobson
Andrea M. Kilmer
Bo Ram Yi (*Student Representative*)

Also present from the Board were:

Ronald C. Ripley
Judith O. Swystun

Also present were:

Alonzo Brandon	Donna W. Meeks
Donald Combs (EVMS)	Earl Nance
Robert Fenning	September Sanderlin
David Harnage	Carol Simpson
Scott Harrison	John Sokolowski

CALL TO ORDER AND APPROVAL OF MINUTES

The Rector called the meeting to order at 12:10 p.m. and asked for approval of the minutes of the Executive Committee meeting held on August 19, 2013. Upon a motion made by Mr. Jacobson and seconded by Ms. Kilmer, the minutes were approved unanimously by all members present and voting. (*Ainslie, Hillier, Jacobson, Kilmer, Ripley, Swystun*)

RECTOR'S REPORT

Rector Whyte reported that President Broderick is participating in a meeting of the Knight Commission in Florida and will be back in town this evening to host SCHEV at the President's Residence. He stated that the President was invited by the Knight Commission and his presence there is important to Old Dominion University. He'll report on his observations at an upcoming meeting. Chief Operating Officer Harnage is representing the President at today's meeting.

The Rector also noted the presidential evaluation surveys that were distributed and asked that they be completed and returned to him by April 4. The Presidential Evaluation and Compensation Committee will meet prior to the April 24th Board meeting. He has already received preliminary information on presidential salaries and benefits.

MEDICAL MODELING & SIMULATION BRIEFING

Provost Simpson introduced John Sokolowski, Executive Director of the Virginia Modeling, Analysis & Simulation Center, and Don Combs, Vice President and Dean, School of Health Professions at Eastern Virginia Medical Center. She stated that the two institutions are working closely together on medical modeling and simulation. Dr. Sokolowski said that the joint collaboration between ODU and EVMS goes back to the early 2000s and has continued to grow over the last decade. He and Dr. Combs were asked to provide an update on this effort.

Dr. Combs gave a history of the National Center for Collaboration in Medical Modeling and Simulation (NCCMMS), its role and collaborative partners. He said that ODU and EVMS each receive \$250,000 per year in base funding to support medical M&S initiatives.

Dr. Sokolowski reviewed some of the joint projects in which the two institutions are involved. These included:

- LIVES Lab – The first effort of its kind dedicated to evaluating the quality of medical M&S found in the industry. They are looking for opportunities to transition this service to a broader arena, and are working with accrediting agencies on possibly making this a requirement for medical industries. In response to a question by Mr. Hiller, Dr. Sokolowski stated that these analytics are customer-driven.
- Virtual OR – This is the longest-running joint project between the two institutions. It has vastly improved over the years and a recent breakthrough will be tested this summer. If successful, it could lead to commercial use.
- Training Simulation for Patient Blood Management APP – This has been well received by the medical community and has potential for commercialization.
- Ultrasound Training Simulation – This is a tool for bedside analysis by physicians that will replace the stethoscope. A provisional patent has been filed for its design.
- Automated Intelligent Mentoring System – This leverages off-the-shelf tracking devices and existing patient simulators to measure movements of practicing physicians

These and other models provide insight into the behavior of health systems and assist in analyzing available options as well as implications of the Affordable Care Act. Projects are also developed as part of the academic curriculum. The senior project for the first undergraduate class in Modeling & Simulation that graduated last May was to create a virtual environment for obstetrics training.

Following the presentation, Mr. Hillier asked if the Department of Defense is more receptive than the commercial sector. Dr. Sokolowski stated that the DoD is “leading the pack” on moving away from clinical testing on humans and animals and towards simulation. Mr. Jacobson asked if any of these projects can be patented or trademarked. Dr. Sokolowski said that collectively ODU and EVMA have about a half dozen patents. Ms. Kilmer asked if any other universities are

doing something similar, to which Dr. Sokoloski replied that no other universities are applying simulation in the same manner ODU and EVMS are to look at these kinds of problems. Ms. Swystun asked how our program is different from VCU's biotechnical program. Dr. Sokolowski explained that VCU's focus is on engineering solutions outside of the realm of modeling and simulation.

CLOSED SESSION

The Rector recognized Ms. Kilmer, who read the following motion, "Mr. Rector, I move that this meeting be convened in closed session, as permitted by Virginia Code Section 2.2-3711(A) (19), for the purpose of discussion of plans related to the security of a governmental facility, building or structure and the safety of persons using such facility, building or structure." The motion was seconded and approved unanimously by all members present and voting. (*Ainslie, Hillier, Jacobson, Kilmer, Ripley, Swystun*)

RECONVENE IN OPEN SESSION AND FOIA CERTIFICATION

At the conclusion of the closed session, the meeting was reconvened in open session, at which time the Rector called for the Freedom of Information Act certification of compliance that (1) only public business matters lawfully exempted from the open meeting requirements under the Freedom of Information Act were discussed and (2) only such public business matters as were identified in the motion by which the closed session was convened were heard, discussed or considered. The certification of compliance vote was five in favor and none opposed. (*Ainslie, Jacobson, Kilmer, Ripley, Swystun*)

OLD/UNFINISHED BUSINESS

There was no old or unfinished business to come before the Committee.

NEW BUSINESS

Mr. Ainslie commented that he envisions the possibility of using medical modeling and simulation to create virtual physicians for simple things such as preventive medicine or patient education. Rector Whyte suggested that this is something the Hampton Roads community could get behind. Mr. Harnage said that he and President Broderick will be meeting with the mayors of the five southside cities and this could be part of the discussion related to economic development opportunities.

With no further business, the meeting adjourned at 1:55 p.m.