

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 p.m. and asked for approval of the minutes of the Executive Committee meeting held on August 20, 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 23<sup>rd</sup> Board meeting. He has already received preliminary information on presidential salary 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 both institutions are involved. These included:

- x 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. Hillier, Dr. Sokolowski stated that these analytics are customer driven.
- x 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.
- x Training Simulation for Patient Blood Management APP – This has been well received by the medical community and has potential for commercialization.
- x 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.
- x 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 EVMS have about a half dozen patents. Ms. Kilmer asked if any other universities are

doing something similar to which Dr. Sokoloski replied that other universities are applying simulation in the same manner ODU and EVMS are to look at these kinds of problems. Ms.