

Research and Technology Investment Advisory Committee (RTIAC)
Meeting Minutes
21 November 2013

OPEN MEETING

I. Call to Order:

Pete Jobse called to order the meeting of the Research and Technology Investment Advisory Committee (RTIAC) at 1:00 pm on Thursday, November 21, 2013 in Herndon, Virginia.

II. Roll Call

The following RTIAC members were present: Martin Briley, Rodger Harvey, Bob Kahn, Dennis Manos, Ken Newbold, and Rob Patzig. Also present: Pete Jobse, Bob Stolle, Nancy Vorona, Jennifer Hiltwine, and Nina Araujo-de-Kobes from the Center for Innovative Technology (CIT) and Robert McClintock from the Virginia Economic Development Partnership. The following RTIAC members were absent: Vikas Chandhoke, Dan Gonzales, and Finis Southworth.

Nancy Vorona provided an overview of the FY2014 fall solicitation Commonwealth Research Commercialization Fund (CRCF) program and submissions. The RTIAC recommended that the CRCF Annual Report include CIT's analysis of the program's impact, and members requested that they receive the report following publication each fall. Public comment was then invited; none was received.

CLOSED MEETING

Ken Newbold read the following statement to proceed to a Closed Meeting:

"We will go into a closed session to discuss the Commonwealth Research Commercialization Fund (CRCF) with RTIAC members. I move that the Research and Technology Investment Advisory Committee of the Innovation and Entrepreneurship Investment Authority (IEIA) move into a closed session pursuant to Virginia Code 2.2-3711 (A)(30). There will be discussion or consideration of grant application records.

Do I have a second? Any discussion? All those in favor say 'Aye'; those oppose say 'Nay'."

All members present said 'Aye.' The Motion carried.

CLOSED SESSION

After the Research and Technology Investment Advisory Committee came out of the Closed Session, Ken Newbold read the following statement:

"The Committee is now reconvened in open session having completed a closed meeting. I will now ask that a roll-call be conducted, asking each member to certify, to the best of his or her knowledge, that only public business matters lawfully exempt from open meeting requirements under the Freedom of Information Act and only those public business matters identified in the

motion convening the closed meeting were heard, discussed or considered in the closed meeting.”

Ken Newbold took a roll call to vote on this statement: *“Committee members please indicate that you agree or disagree.”*

Martin Briley	Agree
Rodger Harvey	Agree
Bob Kahn	Agree
Dennis Manos	Agree
Ken Newbold	Agree
Robert Patzig	Agree

OPEN MEETING

Once the open session was resumed, Bob Stolle announced that 14 proposals had been recommended for award and these recommendations would be submitted to the CIT Board of Directors for their approval at the December 5 meeting, subject to vote of the RTIAC in open meeting.

The vote confirming the 14 proposals below be recommended for funding was unanimous:

Martin Briley	Agree
Rodger Harvey	Agree
Bob Kahn	Agree
Dennis Manos	Agree
Ken Newbold	Agree
Robert Patzig	Agree

The proposals are named below.

Eminent Researcher Recruitment Program

The RTIAC discussed timing and other avenues to ensure the Eminent Researcher Recruitment program is most effective. Members requested an “elevator speech” on the CRCF, which CIT will provide, and encouraged in-person CRCF briefings at Virginia universities to bolster awareness and participation.

Scheduling May 2014 Proposal Selection Meeting

The meeting is tentatively set for Wednesday, May 14 at the CIT Building in Herndon, VA.

Adjournment

Bob Stolle adjourned the meeting at 3:45 p.m.

Eminent Researcher Recruitment Program

- Virginia Tech (Blacksburg), *Recruitment of Eminent Researcher in Nanoparticle Cancer Therapeutics Development*, Dr. Michael Friedlander, \$250,00, Life Sciences

Matching Funds Program

- College of William and Mary (Williamsburg), *Algal Aquaculture for Nutrient Assimilation and Removal*, Dr. William Cooke, \$100,000, Environment
- College of William and Mary (Williamsburg), *Developing Sonic Net Technology to Reduce the Risks of Bird-Aircraft Collision*, Dr. John Swaddle, \$99,781, Aerospace
- Commonwealth Center for Advanced Manufacturing (Disputanta), *Knowledge Capture and Integration*, Dr. Kevin Fairholt, \$99,810, Advanced Manufacturing
- Eastern Virginia Medical School (Norfolk), *New Combination Therapy for Type I Diabetes*, Dr. Yumi Imai, \$100,000, Life Sciences
- Old Dominion University Research Foundation (Norfolk), *Real-Time Fusion of Medical Images for Personalized Image Guided Diagnosis and Therapy*, Dr. Nikos Chrisochides, \$100,000, Life Sciences
- Randolph College (Lynchburg), *Assessing the Quality of Harvested Rainwater for Residential Use*, Dr. Sarah Lawrence, \$23,910, Environment
- Region 2000 Research Institute dba CAER (Forest), *Impact of Digital I&C Failures on Human Performance*, Mr. Bob Bailey, \$79,712, Energy
- Region 2000 Research Institute dba CAER (Forest), *Wireless Broadband Using LTE Repeater*, Mr. Bob Bailey, \$97,981, Communications
- University of Virginia (Charlottesville), *Micromachined Probes for Manufacturing Diagnostics of High-Speed Electronic Components*, Dr. Robert Weikle, \$100,000, Advanced Manufacturing
- University of Virginia (Charlottesville), *New Molecular Imaging Technology for Safe and Inexpensive Cancer Screening*, Dr. John Hossack, \$100,000, Life Sciences
- Virginia Tech (Blacksburg), *Development and Manufacturing of Fiberoptic Microneedle Devices for Cosmetic and Cancer Treatments*, Dr. Christopher Rylander, \$100,000, Advanced Manufacturing
- Virginia Military Institute Research Laboratories (Lexington), *21st Century Laser Wireless R&D with Ultrashort Pulse Lasers*, Dr. Stacey Vargas, \$99,576, Communications
- Washington and Lee University (Lexington), *Simultaneous Localization and Mapping in Python for RF-Denied Environments*, Dr. Simon Levy, \$19,286, Modeling & Simulation