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**MINUTES OF THE 152<sup>nd</sup> MEETING OF THE  
ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY  
BOARD OF DIRECTORS  
SEPTEMBER 16, 2011**

**CALL TO ORDER**

The meeting was called to order by Mr. Heartsill Ragon, Chairman of the Board, in the Bessie Moore Board Room, located in the 900 West Capitol Building in Little Rock, AR.

A quorum of Board members was presented and included: Mr. Bradford Caldwell (via phone), Mr. Gary Campbell, Dr. Cesar Compadre, Dr. Carl Frederickson, Dr. Collis Geren, Dr. Glen Jones (via phone), Dr. Beverly Dawkins Lyn-Cook, Mr. Paul Mastro, Mr. Michael Nauman, and Dr. Robert Sproles.

Staff members present included: Ms. Melissa Adams, Dr. John Ahlen, Mr. Elza Albert, Ms. Cathleen Bailey, Ms. Beren Camp, Ms. Marta Collier, Mr. Dan Curtis, Ms. Stephanie Johnson, Ms. Annetta Massanelli, Dr. Gail McClure, Dr. Blake Perry, Mr. Chris Snider and Dr. Steve Stanley.

**APPROVAL OF MINUTES**

Mr. Ragon presented for approval the minutes for the July 15, 2011 Board meeting. Dr. Geren made a motion for the approval of the minutes. Dr. Lyn-Cook seconded the motion; the Board gave its unanimous approval.

**PRESIDENT'S REPORT**

Dr. Perry introduced Authority employee Mr. Elza Albert. Mr. Albert is the accountant for the ASSET project.

Mr. Ragon introduced Mr. Rod Sweetman. Mr. Sweetman will serve as the designee for the Arkansas Department of Higher Education.

### **FY2011 Operating Report**

Dr. Perry reviewed the FY2012 Operating Report Summary, through August 31, 2011. Mr. Campbell moved acceptance of the report as presented. Dr. Geren seconded the motion; the Board gave its unanimous approval.

### **FY2011 Investment Update**

Dr. Perry reviewed the FY2012 Investment Update.

Dr. Frederickson moved acceptance of the update as presented. Mr. Mastro seconded the motion; the Board gave its unanimous approval.

### **INDUSTRY COMMITTEE REPORT**

Mr. Mastro presented the Industry Committee Report.

The NIST MEP Panel Review is scheduled for October 26<sup>th</sup>. The AMS Center Progress Report was submitted to NIST ahead of the panel review.

AMS has two project manager vacancies, one at Winrock International and one at SAU Tech. Staff will be interviewing candidates to fill the positions.

Dwight Gary with Gateway Engineering has joined the Industry Advisory Committee.

The Innovation Engineering Institute is scheduled for November 29, 30 and December 1. Board members are invited to attend.

### **RESEARCH & COMMERCIALIZATION COMMITTEE REPORT**

Mr. Gary Campbell presented the Research & Commercialization Committee report.

### **TTAG Quarterly Report**

Mr. Campbell presented the TTAG Activity Report. The report was moved and seconded by the committee. The Board gave its unanimous approval.

### **Seed Capital Quarterly Report**

Mr. Campbell presented the Seed Capital Quarterly Report. The report was moved and seconded by the committee. The Board gave its unanimous approval.

**Draft Resolution 12-08**

Draft Resolution 12-08 would provide Seed Capital Investment funding for NanoWatt Design, LLC in an amount not to exceed \$70,000. The funds will be used for working capital to allow the company to complete critical preparatory design steps, and to conduct market research, with visits to potential customers and investors.

NanoWatt Design, LLC was formed on February 16, 2011. It is a portfolio company of Virtual Incubation Company (VIC). The technology being commercialized is Sleep Convention Logic (SCL) which provides an innovative solution to the important issue of power consumption by electronic circuits. SCL improves power efficiency in digital systems by 5x when compared to the state-of-the-art high efficiency circuits in use today.

The SCL technology being commercialized has a patent pending held by the University of Arkansas.

Draft Resolution 12-08 was moved and seconded by the committee. The Board gave its unanimous approval.

**SPONSORED PROJECTS COMMITTEE REPORT**

Dr. Collis Geren presented the Sponsored Projects Committee report.

**Draft Resolution 12-09**

Draft Resolution 12-09 would provide funding for the following proposal:

12-EPS2-0008 "The Position of the Educational Outreach Coordinator and Professional Development Supervisor", submitted by University of Arkansas at Little Rock, in the amount not to exceed \$82,240. This award is effective September 19, 2011 through September 18, 2012.

Draft Resolution 12-09 was moved and seconded by the committee. The Board gave its unanimous approval.

**Draft Resolution 12-10**

Draft Resolution 12-10 would provide funding for the following proposal:

12-WRF Intern-01 , "WRF STEM Internship Award", submitted by University of Central Arkansas, in an amount not to exceed \$7287.55 for the period of September 19, 2011 through September 18, 2012.

Draft Resolution 12-10 was moved and seconded by the committee. Dr. Frederickson abstained. The motion passed.

## **NEW BUSINESS**

### **Draft Resolution 12-11**

Draft Resolution 12-11 would provide funding for six U-Teach Planning projects in an amount not to exceed \$85,000 for the following projects:

University of Central Arkansas (Project No. 12-UTeach-01), in support of personnel salaries/benefits and UTeach contract fees in the amount of \$38,705.

University of Arkansas, Fayetteville (Project No. 12-UTeach-02), in support of personnel salaries/benefits and UTeach contract fees in the amount of \$40,274.

University of Arkansas at Little Rock (Project No. 12-UTeach-03), in support of personnel salaries/benefits and UTeach contract fees in the amount of \$41,000.

Arkansas State University (Project No. 12-UTeach-04), in support of personnel salaries/benefits and UTeach contract fees in the amount of \$39,327.

Arkansas Tech University (Project No. 12-UTeach-05) in support of personnel salaries/benefits and UTeach contract fees, in the amount of \$38,668.

Arkansas STEM Coalition (Project No. 12-UTeach-06) in support of statewide planning activities for UTeach projects, in the amount of \$25,000.

Dr. Geren made a motion for the approval of Draft Resolution 12-11. Dr. Frederickson seconded the motion. Dr. Frederickson abstained; Dr. Glen Jones stated that Arkansas State University is the institution of his affiliation. The motion passed.

### **FY2011 Annual Report**

The FY2011 Annual Report was presented for approval and release. Mr. Campbell moved that the report be approved and released. Mr. Mastro seconded the motion; the Board gave its unanimous approval.

### **Program Guidelines for Research**

Board members discussed future uses for research matching funds. Dr. Perry stated that the Authority has \$292,653 in general revenue for research matching funds. Those funds have been used as match for the NASA Space Grant Consortium and the Louis Stokes grant at the University of Arkansas at Pine Bluff. Dr. Perry stated that the staff wanted to bring this issue to the Board and talk about what the agency could do with those funds in the future.

The Board discussed several ideas for how best to approach this situation and what, if any, changes needed to be made in how the research matching funds are used.

**Nominating Committee Report**

Mr. Mastro presented the Nominating Committee's recommendation for the slate of officers for the upcoming year: Dr. Beverly Lyn-Cook, Chair; Dr. Glen Jones, Vice Chair; Dr. Cesar Compadre, Secretary.

Dr. Geren moved approval of the nominations. Mr. Campbell seconded the motion; the Board gave its unanimous approval.

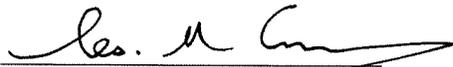
**Next Meeting Date**

The next Board meeting is scheduled for November 18, 2011.

**ADJOURNMENT**

There being no further business to conduct, the meeting was adjourned.

Respectfully submitted,



Cesar Compadre, Ph.D.  
Secretary  
Board of Directors

**Approved** by the Board of Directors  
on this 18<sup>th</sup> day of November, 2011.



Cesar Compadre, Ph.D.  
Secretary  
Board of Directors