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**MINUTES OF THE 162<sup>ND</sup> MEETING OF THE  
ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY  
BOARD OF DIRECTORS  
JULY 19, 2013  
LITTLE ROCK, AR**

**CALL TO ORDER**

The meeting was called to order by Dr. Glen Jones, Chairman of the Board, in the Bessie Moore Board Room, located at 900 W. Capitol Avenue in Little Rock, Arkansas.

A quorum of Board members was present and included: Mr. Bradford Caldwell, Mr. Gary Campbell, Dr. Cesar Compadre, Dr. Carl Frederickson, Mr. Joel Harrison, Mr. Paul Mastro, Mr. Michael Nauman (via phone), Dr. Robert Sproles and Mr. Rod Sweetman.

Staff members present: Ms. Melissa Adams, Dr. Tim Atkinson, Ms. Cathleen Bailey, Ms. Nancy Butler, Mr. Dan Curtis, Mr. James Downs, Ms. Adrienne Gardner, Mr. Andy Hendricks, Dr. Gail McClure, Ms. Stephanie Johnson, Dr. Blake Perry, Mr. Chris Snider and Dr. Steve Stanley.

**APPROVAL OF MINUTES**

Dr. Jones presented for approval the minutes of the May 17, 2013 Board meeting. Dr. Compadre moved approval of the minutes as presented. Mr. Harrison seconded the motion; the Board gave its unanimous approval.

**PRESIDENT'S REPORT**

Dr. Jones welcomed Dr. Tim Atkinson, ASTA's new president. Dr. Atkinson's first day was July 1. Dr. Atkinson's hire was approved by the Board in a conference call on May 29, 2013.

**STEM Works Project**

Adrienne Gardner was recognized for a presentation about the STEM Works Project. STEM Works was initiated by the Governor's Workforce Cabinet in 2011. It provides funding for the implementation of four models: New Tech Network, EAST Core, Project Lead the Way and UTeach Arkansas. Funding comes from the workforce cabinet agencies and private partners.

### **FY2013 Operating Report**

Dr. Perry presented the FY2013 Operating report, for the period ending June 30, 2013. Mr. Caldwell moved acceptance of the operating report. Dr. Frederickson seconded the motion; the Board gave its unanimous approval.

### **FY2013 Investment Summary**

Dr. Perry presented the FY2013 Investment Summary. Dr. Frederickson moved acceptance of the Investment Summary. Mr. Harrison seconded the motion; the Board gave its unanimous approval.

### **Media Update**

Mr. Downs updated the Board on the media exposure that the agency has had since the last meeting. Staff also shared a video of Governor Mike Beebe at the opening of the AMS co-sponsored exhibit, "How People Make Things" at the Museum of Discovery in Little Rock.

### **INDUSTRY COMMITTEE REPORT**

Mr. Paul Mastro presented the Industry Committee Report.

The AMS cooperative agreement for FY2014 has been completed and approved by NIST.

The biannual panel review is scheduled for October 28.

AMS staff is making plans for Manufacturing Day, which is scheduled for October 4. Several companies, including Cameron Valve, Rockline and Molex, have agreed to open their doors to the public and schools the week of October 4.

On June 20<sup>th</sup>, AMS hosted a private reception at the Museum of Discovery for the exhibit, "How People Make Things". Governor Beebe attended the event.

### **RESEARCH AND COMMERCIALIZATION COMMITTEE REPORT**

Mr. Gary Campbell presented the Research and Commercialization Report.

### **Draft Resolution 14-01**

Draft Resolution 14-01 would provide Technology Development Program funds for the following project:

Application No. 13-TDP-04, "Enhanced Identity Management Systems (IMS) Development" by Black Oak Partners LLC, in an amount not to exceed \$75,000.00.

Black Oak Partners received funding from ASTA's Seed Capital Investment Program. If approved, these funds will be used for specific technology development and improvement for the next generation and release of the Black Oak Identity Management System (IMS).

Dr. Sproles made a motion to approve Draft Resolution 14-01. Mr. Campbell seconded the motion; the Board gave its unanimous approval.

#### **Draft Resolution 14-02**

Draft Resolution 14-02 would provide Seed Capital Investment funds in the amount of \$100,000 to Ascendant Diagnostics, LLC. The funds will be used as working capital to develop a low cost non-invasive biomarker-based diagnostic test for the early detection of cancer.

Mr. Campbell stated that this would be the third and last tranche of this investment, which was originally approved on March 15, 2013 in Resolution 13-24. The company has made quite a bit of headway in the production development and the committee is excited about their progress.

Mr. Harrison made a motion for the approval of Draft Resolution 14-02. Mr. Caldwell seconded the motion; the Board gave its unanimous approval.

#### **Draft Resolution 14-03**

Draft Resolution 14-03 would provide Seed Capital Investment funds in the amount of \$100,000 to NanoWatt Design, Inc. The funds will be used for working capital to allow the company to hire a qualified engineer and to lease critical design software to validate the potential improvements in energy saving achievable using the company's Sleep Convention Logic (SCL) technology.

This is the second and last tranche of the investment, which was originally approved on March 15, 2013 in Resolution 13-25. The first tranche was released in FY2013.

Mr. Sweetman made a motion for the approval of Draft Resolution 14-03. Mr. Mastro seconded the resolution; the Board gave its unanimous approval.

#### **SPONSORED PROJECTS COMMITTEE REPORT**

Dr. Carl Frederickson presented the Sponsored Projects Committee report.

The ASSET Initiative annual meeting was held June 26 and 27, which included the panel review. The report from the panel looks positive.

ASSET is currently in the planning process for another EPSCoR grant. This grant will be collaboration with four other EPSCoR states: Iowa, Missouri, Kansas and Tennessee.

**Draft Resolution 14-04**

Draft Resolution 14-04 would provide funding for the following project:

14-WRF Intern-01 , "WRF STEM Internship Award", submitted by University of Central Arkansas, in an amount not to exceed \$2,106.11 for the period of July 19, 2013 through July 18, 2014.

Draft Resolution 14-04 was moved and seconded by the committee. The Board gave its unanimous approval.

**NEW BUSINESS****Draft Resolution 14-05**

Draft Resolution 14-05 would provide funding in the amount of \$1,000,000 for the Arkansas Research Alliance. Dr. Perry explained that there was a release of general improvement funds from the Governor's Office. The funding enabled ASTA to award the third round of funding for the Arkansas Research Alliance's Scholars Program.

Dr. Frederickson made a motion for the approval of Draft Resolution 14-05. Mr. Campbell seconded the motion; the Board gave its unanimous approval.

Dr. Perry introduced new staff member, Nancy Butler, who is the new fiscal support specialist.

Dr. Perry reported that the agency's yearly audit was completed and there were no findings.

Before adjourning, Dr. Jones thanked Dr. Perry for serving as Interim President during the Board's search for a permanent president.

**EXECUTIVE SESSION**

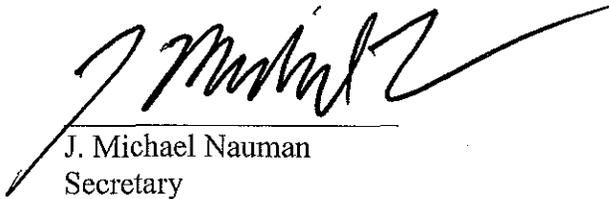
Mr. Harrison moved that the Board go into executive session. Mr. Campbell seconded the motion; the Board voted unanimously to go into executive session.

Upon returning from executive session, Dr. Jones reported that no action was taken on the items discussed during the discussion.

**ADJOURNMENT**

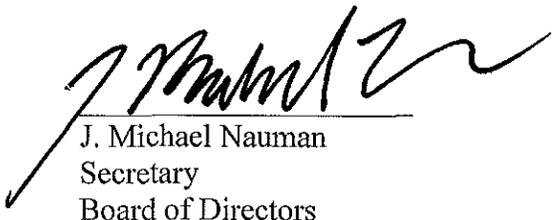
There being no further business to discuss, the meeting was adjourned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J. Michael Nauman', written over a horizontal line.

J. Michael Nauman  
Secretary  
Board of Directors

Approved by the Board of Directors  
on this 20<sup>th</sup> day of September, 2013.

A handwritten signature in black ink, appearing to read 'J. Michael Nauman', written over a horizontal line.

J. Michael Nauman  
Secretary  
Board of Directors