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**MINUTES OF THE 167th MEETING OF THE
ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY
BOARD OF DIRECTORS
LITTLE ROCK, AR
MAY 9, 2014**

CALL TO ORDER

The meeting was called to order by Dr. Cesar Compadre, Chairman of the Board, in the ASTA conference room, located at 900 W. Capitol Ave, Suite 320 in Little Rock.

A quorum of Board members was present and included: Mr. Bradford Caldwell (via phone), Mr. Gary Campbell, Dr. Carl Frederickson, Mr. Joel Harrison, Mr. John Miller, Mr. Michael Nauman, Dr. Robert Sproles, Dr. Andy Sustich, Mr. Daren Sweat and Mr. Rod Sweetman.

Staff members present: Ms. Melissa Adams, Dr. Tim Atkinson, Ms. Cathleen Bailey, Mr. James Downs, Dr. Gail McClure, Dr. Steve Stanley, Mr. Chris Snider, Ms. Audrey Carroll, Ms. Stephanie Johnson, Mr. Andy Hendricks, Ms. Julianne Gonzalez, Mr. Dan Curtis, Mrs. Shirley Vanderslice.

Dr. Compadre welcomed two new Board members: Mr. John Miller and Mr. Daren Sweat.

APPROVAL OF MINUTES

Dr. Compadre presented for approval the minutes of the March 21, 2014 Board meeting. Dr. Frederickson moved approval of the minutes as presented. Mr. Harrison seconded the motion; the Board gave its unanimous approval.

PRESIDENT'S REPORT

FY2014 Operating Report

Dr. Atkinson reviewed the FY2014 Operating Report (through March 31, 2014). Mr. Campbell moved acceptance of the Operating Report as presented. Mr. Harrison seconded the motion; the Board gave its unanimous approval.

FY2014 Investment Summary

Dr. Atkinson reviewed the FY2014 Investment Summary, including maps showing the agency's project activity fiscal year to date. It was pointed out that the agency currently has projects in south Arkansas, which is an area that has been underrepresented.

Dr. Sustich moved acceptance of the Investment Summary as presented. Dr. Sproles seconded the motion; the Board gave its unanimous approval.

INDUSTRY COMMITTEE REPORT

Dr. Robert Sproles presented the Industry Committee Report.

In the next three years, MEP will recomplete the sub-agreements with centers that have been in operation 10 years or more, which would include AMS. More information will be made available later on this process.

The current sub agreement has been completed and submitted to MEP.

NIST is currently going through a strategic planning process.

The draft agreement with the Innovation Hub is moving forward and is on track to begin next year.

Because of a lack of staff, new contracts with clients have not been aggressively pursued. This should pick up now that three new field engineers have been hired. One field engineer will work out of Jonesboro and two will work out of Little Rock.

Draft Resolution 14-30

Draft Resolution 14-30 would provide funding in an amount not to exceed \$404,374 for field staff and \$10,000 in sub award sponsorships for the following partner activities:

Two field staff positions at the Delta Center for Economic Development, Arkansas State University in an amount not to exceed \$281,983;

One subrecipient contract with the Arkansas Regional Innovation Hub, providing 50% support for one field staff person and support for the Launch Pad Maker Space in an amount not to exceed \$103,300;

One facility contract at University of Arkansas, to host two AMS field staff in an amount not to exceed \$12,691;

One facility contract at SAUTECH in Camden to host one AMS field staff in an amount not to exceed \$6,400;

Sponsorship of the Arkansas Institute for Performance Excellence program at the Arkansas Institute for Performance Excellence in an amount not to exceed \$5,000; and

Sponsorship of a manufacturing conference in conjunction with the Arkansas Economic Development Commission in an amount not to exceed \$5,000.

Draft Resolution 14-30 was moved and seconded by the committee. The Board gave its unanimous approval.

Industry Advisory Committee Nominations

Nominations for the Industry Advisory Committee were presented.

Name	Affiliation	City	Reappointment
Vacant			FY 15
Mr. Jared Ramsburg	Meuller Industries, Inc.	Wynne, AR	FY 15
Mr. Grey Williams	Dextera, Inc.	Little Rock, AR	FY 15
Mr. Scott Kingsborough	SJC Enterprises	Little Rock, AR	FY 15
Ms. Jennifer Fairchild	AGL Corporation	Jacksonville, AR	FY 15
Mr. Walter Burgess	Power Technology, Inc.	Little Rock, AR	FY 15

The nominations were moved and seconded by the committee. The board gave its unanimous approval.

COMMERCIALIZATION COMMITTEE REPORT

Mr. Gary Campbell presented the commercialization committee report.

Quarterly TTAG Report

Mr. Campbell presented the Quarterly TTAG 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 14-31

Draft Resolution 14-31 would provide Technology Development funding for the following project:

Application No. 14-TDP-06, "High-Performance Self-Cleaning, Anti-Reflective Coating for PV Glass" by WattGlass LLC, in an amount not to exceed \$20,000.00.

The company is seeking funds to investigate the commercial viability of a coating technology that produces low cost nanoparticle coatings that provide 1) passive self-cleaning properties and 2) anti-reflective properties that increase light transmission in solar panel applications. The goal for this project will be to demonstrate full-panel glass coating at the pilot scale, module packaging, and demonstration of reliability.

It was pointed out that the technology was initially developed as part of the NSF EPSCoR program through the state's ASSET II award.

Draft Resolution 14-31 was moved and seconded by the committee. The Board gave its unanimous approval.

Draft Resolution 14-32

Draft Resolution 14-32 would provide Technology Development funding for the following application:

Application No. 14-TDP-07, "An Integrated Optoelectronic Sensor for Improved Diesel Engine Performance" by Ozark Integrated Circuits, Inc., in an amount not to exceed \$40,000.00.

The company is seeking funds to continue the development of an Integrated Optoelectronic Sensor for Improved Diesel Engine Performance.

Draft Resolution 14-32 was moved and seconded by the committee. The Board gave its unanimous approval.

Draft Resolution 14-33

Draft Resolution 14-33 would certifies three In House Research by a Targeted Business Tax Credits for the following projects:

"Tax Credit for In House Research by a Targeted Business," [ACA 15-4-2708(b)(1)] submitted for tax year 2013 by Rockline Industries Inc. in the amount of \$2,179,453.00 in expenses eligible for \$435,890.60 in tax credits (AEDC Project No. 11410);

“Tax Credit for In House Research by a Targeted Business,” [ACA 15-4-2708(b)(2)] submitted for tax year 2012 by Arkansas Power Electronics International, Inc. in the amount of \$1,211,150.59 in expenses eligible for \$242,230.12 in tax credits (AEDC Project No. 11203); and

“Tax Credit for In House Research by a Targeted Business,” [ACA 15-4-2708(b)(2)] submitted for tax year 2013 by Arkansas Power Electronics International, Inc. in the amount of \$1,416,869.13 in expenses eligible for \$283,373.83 in tax credits (AEDC Project No. 11203).

Draft Resolution 14-33 was moved and seconded by the committee. The Board gave its unanimous approval.

Draft Resolution 14-34

Draft Resolution 14-34 would provide for the authorization to grant funds for projects under the Technology Transfer Assistance Grant Program for Fiscal Year 2015. Funding would be in an amount not to exceed \$356,975 (\$156,975 TTAG/TDP and \$200,000 AMS TTAG, respectively).

Draft Resolution 14-34 was moved and seconded by the committee. The Board gave its unanimous approval.

RESEARCH AND SPONSORED PROJECTS COMMITTEE REPORT

Dr. Carl Frederickson presented the Research and Sponsored Projects Committee report.

Dr. Frederickson asked Gail McClure to update the board on recent ASSET activities.

The last meeting for ASSET II will be held at the Embassy Suites in Little Rock on September 4th and 5th. A diversity meeting has been included and there will be a student poster session.

The proposal for ASSET III is currently being developed; the proposal is due August 1. The focus of this proposal is much better aligned with economic development and the important economic opportunities for the state. An Industry Advisory Committee for the project will be put together. Board members were encouraged to submit names of individuals who would be willing to serve.

The Track II proposal, developed in partnership with Missouri, has been submitted; an award announcement should be made within the next couple of weeks.

Draft Resolution 14-35

Draft Resolution 14-35 would provide funding for the following proposal:

Proposal No. 14-EPS2-0014, "Extending the e-Journal Resources for NSF EPSCoR Grant Program," submitted by Ms. Judy Ganson, of the University of Arkansas, Fayetteville, in an amount not to exceed \$70,000 for the period of May 16, 2014 through May 16, 2015.

Funds from this award will be used for the e-journals project for the ASSET II program. The project provides electronic access to electronic journal. Several universities have banded together on this project, which helps get better rates for the journals.

Draft Resolution 14-35 was moved and seconded by the committee. The board gave its unanimous approval.

Draft Resolution 14-36

Draft Resolution 14-36 would provide funding for the following proposal:

14-EPS2-0016, "ASSET Initiative Summer Research Institute Pilot Project", submitted by the Arkansas School for Mathematics, Sciences and the Arts, in an amount not to exceed \$19,794 for the period of May 9, 2014 through May 8, 2015.

The proposal submitted by the Arkansas Schools for Mathematics, Sciences and the Arts states that the goal of the project is to bring together managers and coordinators of programs supporting undergraduate research at Arkansas institutions for a series of meetings culminating in the development of one-week pilot joint student research training program serving 20 students on the ASMSA campus during June 2015. This program could then be expanded into a self-sustaining two week session serving as many as 200 students during the summer 2016 and beyond.

Draft Resolution 14-36 was moved and seconded by the committee. The Board gave its unanimous approval.

Draft Resolution 14-37

Draft Resolution 14-37 would provide funding for the following proposal:

14-EPS2-0017 "The Position of the Educational Outreach Coordinator and Professional Development Supervisor", submitted by University of Arkansas at Little Rock, in an amount not to exceed \$8,917. This award is effective May 9, 2014 through May 8, 2015.

Dr. McClure explained that two REU awards, totaling \$8,917, were refunded. It was decided to forward pay year five expenses that would come up in October.

Draft Resolution 14-37 was moved and seconded by the committee. The Board gave its unanimous approval.

Draft Resolution 14-39

Draft Resolution 14-39 would provide funding for the following proposal:

14-EPS2-0015, "Arkansas 3D: Bringing Technology & STEM Education to Life Project", submitted by the EAST Initiative, in an amount not to exceed \$4,800.00 for the period of May 9, 2014 through May 8, 2015.

The EAST Initiative is seeking funds to provide 3D printing technology and training for the Helena-West Helena Central High School EAST program. Teachers will also receive professional development during a technology camp at EAST Summer Seminar.

Mr. Campbell made a motion to approve Draft Resolution 14-39. Dr. Sustich seconded the motion; the Board gave its unanimous approval.

Science Advisory Committee Administrative Procedures

The revised administrative procedures for the Science Advisory Committee were reviewed. There being no questions, Mr. Nauman made a motion to approve the revised procedures as submitted. Mr. Sweetman seconded the motion; the Board gave its unanimous approval.

NEW BUSINESS

Draft Resolution 14-38

Draft Resolution 14-38 would provide funding for the following proposal:

Proposal 14-ARMF-04, "Arkansas IDeA Network for Biomedical Research (INBRE) Partnership for Biomedical Research in Arkansas Phase III)," by Dr. Larry Cornett of the University of Arkansas for Medical Sciences in an amount not to exceed \$200,000.

The Authority received a proposal from UAMS requesting matching funds, in the amount of \$200,000, for their Arkansas IDeA Network for Biomedical Research Excellence (INBRE) project. The matching funds would be used to support undergraduate students in the Outreach Core Summer Mentored Research Program. The proposed budget provides for five \$8,000 awards per year over a five year period.

Mr. Nauman made a motion to approve Draft Resolution 14-38; Mr. Sweat seconded the motion. Drs. Compadre, Frederickson and Sustich abstained. The motion passed.

Appointment of Nominating Committee

Dr. Compadre appointed the Executive Committee to serve as the nominating committee.

Next Meeting Date

The next meeting is scheduled for July 18th.

ADJOURNMENT

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

Respectfully submitted,



Gary Campbell
Secretary
Board of Directors

Approved by the Board of Directors
on this 25th day of July, 2014.



Gary Campbell
Secretary
Board of Directors