

**ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY**

100 Main Street, Suite 450, Little Rock, Arkansas 72201 (501) 324-9006

**MINUTES OF THE 70TH MEETING OF THE  
ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY  
BOARD OF DIRECTORS  
LITTLE ROCK, ARKANSAS  
JANUARY 19, 1996**

**CALL TO ORDER**

The meeting was called to order at 1:32 p.m. by Dr. Phillip Rayford, Chairman of the Board, in the fourth floor conference room at the 100 Main Street Building in Little Rock.

A quorum of Board members was present and included: Mr. Ray Cox, Jr., Dr. Charles Hathaway, Dr. James Hendren, Ms. Catherine Janosky, Mr. Michael Murphy, Dr. Don Pederson, Mr. Jerry Robinson, Dr. John Spraggins, Mr. Jerry Stokes, and Mr. John Troutt.

Staff members present included: Dr. John Ahlen, Mr. Jim Benham, Dr. Joe Gentry, Mr. Michael Hipp, Dr. Rich Kennedy, Mr. Chuck Myers, Ms. Julie Welch, Ms. Melissa Adams, Mr. Al Grijalva, and Ms. Joyce Sadler.

Visitors: Ms. Kelly Lyon from the Governor's Office and Dustin Kauffman, intern with the Governor's Office.

**INTRODUCTION OF NEW MEMBERS**

Dr. Rayford welcomed four new members to the Board.

- Ray F. Cox, Jr.,  
Attorney  
Wright, Lindsey, Jennings - Little Rock
- Catherine Janosky  
President and CEO  
Global Manufacturing - Little Rock
- Jerry Robinson  
Vice President  
Georgia-Pacific - Crossett
- Jerry Stokes  
President  
Arkansas Technologies, Inc. - Clarksville

Sam Hummelstein of Hummelstein Iron & Metal in Jonesboro was out of town and could not attend the meeting.

Dr. Rayford also stated that Dr. Charles Hathaway was reappointed to a four year term.

#### **APPROVAL OF MINUTES**

Dr. Rayford presented the minutes from the November 17, 1995 Board meeting for approval. Dr. Hathaway made a motion for the approval of the minutes. Dr. Hendren seconded the motion; the Board gave its unanimous approval.

#### **PRESIDENT'S REPORT**

For the benefit of the new Board members, Dr. Ahlen asked each Vice President to introduce themselves, and any other employees present that they supervised, and explain their individual programs.

Kelly Lyon from the Governor's Office was also recognized.

#### **RESEARCH COMMITTEE**

Dr. Hathaway stated that the research committee met and recommended to the Board the following resolutions.

Draft Resolution 96-13 provides for the funding of three applied research grants.

PROPOSAL NO. 96-A-04, "Virtual Warehousing: Prototype Development and Evaluation," by Dr. Raja G. Kasilingam of the University of Arkansas, Fayetteville, in the amount not to exceed \$16,822.00. This project is cosponsored by AT&T in the amount of \$21,204.00.

PROPOSAL NO. 96-A-05, "Quantifying the Causes of Residual Breakage in Milled Rice," by Dr. Terry J. Siebenmoregen of the University of Arkansas, Fayetteville, in the amount not to exceed \$10,200.00. This project is cosponsored by Producers Rice Mill, Inc. in the amount of \$10,000.00.

PROPOSAL NO. 96-A-07, "Synthesis and Polishing of CVD Diamond Coating for Drilling Application," by Dr. Ajay P. Malshe of the University of Arkansas, Fayetteville, in the amount not to exceed \$30,200.00. This project is cosponsored by Rogers Tool Works, Inc. in the amount of \$30,000.00.

Mr. Troutt made a motion for the approval of Draft Resolution 96-13. Dr. Pederson seconded the motion and stated that UAF was the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 96-14 provides for the funding of one applied research grant.

PROPOSAL NO. 96-A-08, "A High Speed Optical Spectrometer," by Mr. Paul C. McLeod of the University of Arkansas at Little Rock, in the amount not to exceed \$200.00. This project is cosponsored by Remington Arms in the amount of \$114,028.00.

Mr. Troutt made a motion for the approval of Draft Resolution 96-14. Dr. Pederson seconded the motion. Dr. Hathaway stated that UALR was the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 96-15 provides for the funding of two basic research grants.

PROPOSAL NO. 96-B-37, "A Novel System of Immune Intervention," by Dr. Kathleen Gilbert of the University of Arkansas for Medical Sciences, in the amount not to exceed \$33,050.00.

PROPOSAL NO. 96-B-40, "Infection of Burn Wounds by *Pseudomonas aeruginosa*," by Dr. Shouguang Jin of the University of Arkansas for Medical Sciences, in the amount not to exceed \$32,625.00.

Dr. Hendren made a motion for the approval of Draft Resolution 96-15. Mr. Troutt seconded the motion. Dr. Rayford stated that UAMS was the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 96-16 provides for the funding of three basic research grants.

PROPOSAL NO. 96-B-44, "Optimizing Data Acquisition and Analysis in Relativistic Nuclear Collisions," by Dr. Charles W. Ford, Jr., of the University of Arkansas, Little Rock, in the amount not to exceed \$30,550.00.

PROPOSAL NO. 96-B-45, "The Role of Nectar-borne Amino Acids in the Nutrition of Cabbage White Butterflies, an Agricultural Pest," by Dr. Janet Lanza of the University of Arkansas, Little Rock, in the amount not to exceed \$38,683.00.

PROPOSAL NO. 96-B-46, "The Role of the Rab 11 GTPase in the Biogenesis and Function of the Contractile Vacuolar Complex in Dictyostelium discoideum," by Dr. John Bush of the University of Arkansas, Little Rock, in the amount not to exceed \$35,550.00.

Dr. Pederson made a motion for the approval of Draft Resolution Draft Resolution 96-16. Dr. Hendren seconded the motion. Dr. Hathaway stated that UALR was the institution of his affiliation and would not vote. The Board voted to approve Draft Resolution 96-16.

#### **INVESTMENT COMMITTEE**

Mr. Troutt presented the FY96 General Fund Expenditure Report for the quarter ending December 31, 1995. Mr. Murphy made a motion for the acceptance of the report. Dr. Hendren seconded the motion. The Board voted unanimously for the acceptance of the report.

Mr. Troutt presented the Expenditure Report for the Arkansas Manufacturing Extension Network. Mr. Murphy made a motion for the acceptance of the report. Mr. Troutt seconded the motion. The Board voted unanimously for the acceptance of the report.

#### **DRAFT RESOLUTION 96-17**

Draft Resolution 96-17 will provide monies in the amount not to exceed \$27,500 for funding recommended projects under the Technology Transfer Assistance Grant (TTAG) Program during the third quarter of state FY96.

Mr. Murphy made a motion for the approval of Draft Resolution 96-17. Dr. Hathaway seconded the motion; the Board gave its unanimous approval.

#### **DRAFT RESOLUTION 96-18**

Draft Resolution 96-18 provides for the formal acceptance of Technology Transfer Grant (TTAG) projects funded since November 17, 1995. Six projects from Westark Community College in Fort Smith and one project from the Arkansas Center for Technology Transfer at the University of Arkansas, Fayetteville were funded.

Dr. Hendren made a motion for the approval of Draft Resolution 96-18. Dr. Spraggins seconded the motion. Dr. Pederson stated that one of the projects was from UAF, the institution of his affiliation. The Board gave its unanimous approval.

**OLD BUSINESS**

Dr. Ahlen stated that at the last Board meeting, Dr. Hathaway suggested that focus groups be brought together to discuss the development of new industries in the state.

Upon Dr. Hathaway's suggestion, the staff sent a memo to the Board asking for names of manufacturers and business owners who could participate in these meetings. To date, only one Board member had responded to the request.

Dr. Ahlen asked Board members to provide suggestions to the staff as soon as possible so that they can begin arranging these meetings.

**NEW BUSINESS****OVERVIEW OF NEW LEGISLATION**

Chuck Myers reviewed new legislation effecting ASTA. The legislation was passed during the 1995 General Assembly.

Act 1211 of 1995: Every state board may, by a majority vote of the total membership cast during its first regularly scheduled meeting of each calendar year, authorize expense reimbursement for each board member for performing official board duties. The expense reimbursement shall not exceed the rate established for state employees by state travel regulations.

Mr. Myers stated that the Board needed to vote on this item.

Mr. Murphy moved that in accordance with Act 1211 of 1995, Board members be reimbursed for expenses while performing official board duties at the rate established for state employees. Dr. Hathaway seconded the motion; the Board gave its unanimous approval.

Act 1123 of 1995: An act requiring state boards and commissions to issue an annual mission statement, to prohibit conflicts of interest, and to prohibit nepotism.

Mr. Myers stated that the Board needed to direct the staff to include the requirements of Act 1123 in the Board Policy Manual and present those changes to the Board at the next Board meeting.

Dr. Hendren moved that the staff include the requirements of Act 1123 in the Board Policy Manual and present those

changes at the next Board meeting. Dr. Hathaway seconded the motion; the Board gave its unanimous approval.

Act 586 of 1995: An Act to provide for scientific, medical and technological jobs and infrastructure enhancements. Adds a section to the Authority's legislation from the Act that says, "To the extent available time, personnel, and other resources permit, all state funded colleges and universities shall provide research assistance to the Arkansas Science & Technology Authority to assist with planning to develop scientific, medical and technological commercial infrastructure enhancements to encourage qualified medical companies to locate in this state."

#### **DRAFT RESOLUTION 96-19**

Draft Resolution 96-19 provides for the commendation of Mr. James Kelley. Dr. Ahlen stated that Mr. Kelley's term had expired and he asked not to be reappointed.

Mr. Troutt made a motion for the approval of Draft Resolution 96-19. Mr. Murphy seconded the motion; the Board gave its unanimous approval.

#### **TERMS FOR NEW BOARD MEMBERS**

Dr. Ahlen stated that in ASTA's enabling legislation, the three new members of the Board appointed from the manufacturing sector would draw lots for the length of their terms. Dr. Ahlen drew for Mr. Hummelstein, who was absent. The following terms were drawn: Sam Hummelstein, January 1998; Catherine Janosky, January 1999; and Jerry Stokes, January 2000.

#### **BOARD ATTENDANCE**

Dr. Ahlen reviewed the Board attendance policy, which is taken from Arkansas Code Annotated of 1987, Section 25-17-211. The policy states that the secretary of the Board is required to notify the Governor's Office when a member misses two consecutive meetings. If the member misses three consecutive meetings, the secretary notifies the Governor's Office that the position is vacant.

#### **NEXT MEETING DATES**

Dr. Ahlen reviewed the meeting dates for 1996.

**STATEMENT OF FINANCIAL INTEREST**

Dr. Ahlen reminded Board members that their statement of financial interest form was due in the Secretary of State's office by January 31.

**ASMS DONATION**

Dr. Hathaway stated that at the last Board meeting, he challenged members to make a \$250 donation to the Arkansas Science & Technology Endowment Fund, which was established to benefit the Arkansas School for Mathematics and Sciences. He also volunteered to write former Board members and challenge them to do the same.

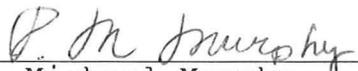
Dr. Hathaway informed the Board that he had sent letters to former and current members requesting a donation. He urged the Board, if they had not already done so, to make a contribution to the fund.

Dr. Hathaway suggested that the Board consider holding a meeting at the math and science school.

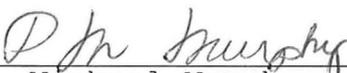
**ADJOURNMENT**

With no further business to conduct, the meeting was adjourned at 2:31 p.m.

Respectfully submitted,

  
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P. Michael Murphy  
Secretary  
Board of Directors

**APPROVED** by the Board of Directors  
on this 15th day of March, 1996

  
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P. Michael Murphy  
Secretary  
Board of Directors