

**ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY**

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

**MINUTES OF THE 75<sup>TH</sup> MEETING OF THE  
ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY  
BOARD OF DIRECTORS  
BUSINESS AND INDUSTRIAL INSTITUTE  
WESTARK COMMUNITY COLLEGE  
FORT SMITH, AR  
JANUARY 17, 1997**

The Board of Directors of the Arkansas Science & Technology Authority met on Friday, January 17, 1997 at the Business and Industrial Institute (BII), on the campus of Westark Community College in Fort Smith. The morning session consisted of a briefing with Board members. The morning session was followed by lunch and a tour of BII. After lunch, there was a panel presentation to the Board. The panel consisted of companies that had received TTAG funding from the Authority. Following the panel presentation, the business portion of the meeting was held.

**CALL TO ORDER**

The meeting was called to order at 1:40 p.m. by Dr. Roberta Bustin, Chair of the Board, in the Paul Latture Conference Center of the Business and Industrial Institute, Westark Community College in Fort Smith.

A quorum of Board members was present and included: Dr. James Hendren, Mr. Sam Hummelstein, Ms. Catherine Janosky, Mr. Dennis Littleton, Mr. Stephen Nipper (by telephone), Dr. Don Pederson, and Ms. Donna Young.

Staff members present included: Dr. John Ahlen, Mr. Jim Benham, Mr. Chuck Myers, Ms. Julie Welch, Ms. Melissa Adams, and Mr. Bob Alvey.

Visitors included: Ms. Ruth Haynes and Ms. Kim Reynolds with the National Institute of Standards and Technology. Ms. Lydia Carson, Mr. Loren Berry, Mr. Doug Isanhart, Mr. Cameron Hubbs, Mr. Roger Kelly, and Mr. John Hebardt, field engineers with the Arkansas Manufacturing Extension Network; Mr. Steve Lease from the Business and Industrial Institute.

**APPROVAL OF MINUTES**

Dr. Bustin presented the minutes from the November 15, 1996 Board meeting for approval. Dr. Hendren made a motion for the approval of the minutes. Mr. Littleton seconded the motion; the Board gave its unanimous approval.

**PRESIDENT'S REPORT**

Dr. Ahlen stated that the Authority's annual report had been sent to the Board in the prepacket.

Dr. Ahlen reported on the morning session. He stated that the Board discussed several issues including the ASTA mission, goals and programs, committee assignments, and an information survey. The information survey was sent to Board members in the mail.

**INDUSTRY COMMITTEE**

Ms. Janosky gave the Industry Committee report. She stated that the committee had one resolution, 97-11, that was to be presented to the Board for approval. However, the staff had not received word from the Governor's Office that the funds requested in the resolution would be released. She stated that the committee would defer consideration of this resolution until the Governor's Office had released the funds.

**INVESTMENT COMMITTEE**

Ms. Young presented the Investment Committee report.

Ms. Young presented the FY97 General Fund Expenditure Report for the quarter ending December 31, 1996 for approval. Ms. Young made a motion for the approval of the report. Dr. Hendren seconded the motion; the Board gave its unanimous approval.

Ms. Young presented the FY97 Seed Capital Investment Report for the quarter ending December 31, 1996 for approval. Ms. Young, on behalf of the Investment Committee, made a motion for the approval of the report. The Board gave its unanimous approval.

Draft Resolution 97-12 provides for the formal acceptance of Technology Transfer Assistance Grant (TTAG) projects funded since November 15, 1996.

Ms. Young, on behalf of the Investment Committee, made a motion that Draft Resolution 97-12 be approved. Dr. Pederson stated that three of the projects funded were from UAF, the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 97-13 will provide monies in an amount not to exceed \$27,500 for funding recommended projects under the Technology Transfer Assistance Grant (TTAG) Program during the third quarter of state FY97.

Ms. Young, on behalf of the Investment Committee, made a motion that Draft Resolution 97-13 be approved. The Board gave its unanimous approval.

#### **RESEARCH COMMITTEE**

Dr. Pederson stated that the Research Committee met on January 7, 1997 and voted to recommend the following resolutions. Ms. Janosky thanked the staff for providing the one page summaries of research projects.

Draft Resolution 97-14 provides for the funding of three basic research grants:

PROPOSAL NO. 97-B-24, "Three-Dimensional Particle Tracking in Air Sampling Cyclones," by Dr. Arnaldo Muyshondt of the University of Arkansas, Fayetteville, in the amount not to exceed \$29,282.00.

PROPOSAL NO. 97-B-26, "Targeting gramicidin Channels to Attack HIV," by Dr. Roger E. Koeppe II of the University of Arkansas, Fayetteville, in the amount not to exceed \$49,500.00.

PROPOSAL NO. 97-B-27, "Atomic Control of Structure," by Dr. Paul M. Thibado of the University of Arkansas, Fayetteville, in the amount not to exceed \$68,200.00.

Dr. Pederson made a motion for the approval of Draft Resolution 97-14. Dr. Hendren seconded the motion. Dr. Pederson stated that UAF was the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 97-15 provides for the funding of three basic research grants.

PROPOSAL NO. 97-B-31, "Glial Cell Activity in Working Brain," by Dr. Gerald A. Dienel of the University of Arkansas for Medical Sciences, in the amount not to exceed \$39,591.00.

PROPOSAL NO. 97-B-32, "ADP-ribosylation Factor Functional Specificity in Vesicular Transport," by Dr. Randy S. Haun of the University of Arkansas for Medical Sciences, in the amount not to exceed \$40,000.00.

PROPOSAL NO. 97-B-33, "Age, Gender, and Hormones: Alterations in the Expression of the 24-Hydroxylase and Calbindin-D<sub>9k</sub> Genes," by Dr. Billy Thomas of the University of Arkansas for Medical Sciences, in the amount not to exceed \$25,849.00.

Dr. Pederson made a motion for the approval of Draft Resolution 97-15. Dr. Hendren seconded the motion; the Board gave its unanimous approval.

Draft Resolution 97-16 provides for the funding of one basic research grant.

PROPOSAL NO. 97-B-30, "Platform Stabilization Using Large Ring Lasers," by Dr. Robert W. Dunn of Hendrix College, in the amount not to exceed \$28,953.

Dr. Pederson made a motion for the approval of Draft Resolution 97-16. Dr. Hendren seconded the motion; the Board gave its unanimous approval.

Draft Resolution 97-17 provides for the funding of one basic research grant.

PROPOSAL NO. 97-B-35, "Impact of Industrial Gases and Hydrocarbons on Earth's Atmosphere," by Dr. Ed Wilson of Harding University, in the amount not to exceed \$20,080.

Dr. Pederson made a motion for the approval of Draft Resolution 97-17. Dr. Hendren seconded the motion; the Board gave its unanimous approval.

#### **NEW BUSINESS**

Dr. Ahlen reviewed the Board attendance policy, which is taken from Arkansas Code Annotated of 1987, Section 25-17-211. The Arkansas Code states that if a member misses three consecutive meetings, the staff must notify the Governor's Office that the position is vacant. Dr. Ahlen stated that the Board member will also be asked to submit a letter of resignation.

Dr. Ahlen reminded Board members that their Statement of Financial Interest form must be filed with the Secretary of State's office by January 31.

Next Board meeting is scheduled for March 21, 1997.

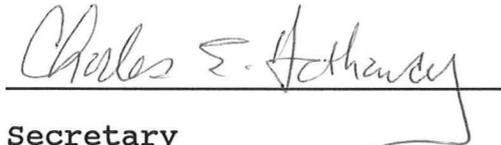
**RUTH HAYNES - NIST**

Ruth Haynes from the National Institute of Standards and Technology made a presentation about the Manufacturing Extension Partnership.

**ADJOURNMENT**

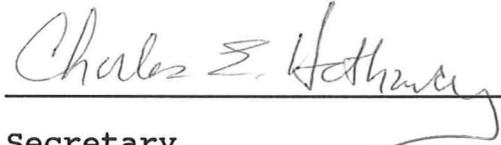
There being no further business to conduct, the meeting was adjourned at 3:20 p.m.

Respectfully submitted,

A handwritten signature in cursive script, reading "Charles E. Hathaway", is written over a horizontal line.

Secretary  
Board of Directors

**APPROVED** by the Board of Directors  
on this 21<sup>st</sup> day of March, 1997

A handwritten signature in cursive script, reading "Charles E. Hathaway", is written over a horizontal line.

Secretary  
Board of Directors