



ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY

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**MINUTES OF THE 53RD MEETING OF THE
ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY
BOARD OF DIRECTORS
LITTLE ROCK, ARKANSAS
SEPTEMBER 18, 1992**

CALL TO ORDER

The meeting was called to order at 1:30 p.m. by Dr. William Willingham, Chairman of the Board, in the conference room of the Technology Center, Little Rock.

A quorum of Board members were present and included: Dr. Joe Bates, Mr. William Bridgforth, Dr. Diane Gilleland, Dr. James Hendren, Mr. James V. Kelley, Mr. H.T. Moore, Dr. Don Pederson, Dr. Phillip Rayford, Mr. John Troutt, and Mr. Jerry Webster.

Staff members present included: John Ahlen, Jim Benham, Joe Gentry, Chuck Myers, Melissa Adams, Jacqui Klodt, Ed Sartain, Al Grijalva, Joyce Sadler, Julie Welch, Janell Sanders and Susan Collins.

Visitors included: Phil Price from the Governor's Office.

APPROVAL OF MINUTES

Dr. Willingham presented the minutes from the May 15, 1992 Board meeting for approval. Dr. Pederson made a motion for the approval of the minutes. Dr. Rayford seconded the motion; the Board gave its unanimous approval.

PRESIDENT'S REPORT

Dr. Ahlen introduced two new staff members to the Board. Julie Welch is the new Research Program Manager and Janell Sanders is the new Communications Manager.

Dr. Ahlen stated that the NIST I Final Report had been completed and each Board member should have received a copy in the pre-packet that was mailed to them. The staff is now preparing the final report for the NIST II project.

INVESTMENT COMMITTEE

Mr. Moore called the Board's attention to the Investment Fund Report and the FY92 General Fund Expenditure Report for the quarter ending June 30, 1992. Mr. Troutt made a motion for the acceptance of the fund reports. Mr. Bridgforth seconded the motion; the Board gave its unanimous approval.

NTHOGRAPHY

Mr. Moore brought before the Board a motion to charge-off the Nthography investment, keeping it in an active charge-off status. The amount of the charge-off would be \$125,000.

Mr. Moore made a motion to move the Nthography investment to active charge-off status. Mr. Troutt seconded the motion; the Board gave its unanimous approval.

DRAFT RESOLUTION 93-6

Draft resolution 93-6 would provide Seed Capital Investment Program funding for Intelec Systems, Inc. in the amount of \$50,000. Intelec is involved in bar code technology. The company has worked with Harvest Foods and IBM. The funding would enable the company to hire additional staff. The funding from ASTA is contingent upon Intelec securing funds from the Small Business Administration and a line of credit from Twin City Bank.

Mr. Moore made the motion for the approval of Draft Resolution 93-6. Mr. Troutt seconded the motion; the Board gave its unanimous approval.

DRAFT RESOLUTION 93-7

Draft Resolution 93-7 proposes funding in the amount of \$50,000 for Creative Engineering Consultants, Inc. for the development of a prototype Vibro Kinetic Energy Mill.

This project is the first that has come under the Energy-Related Technology Development Project. Funds for this project come from the state's petroleum violation escrow fund.

Creative Engineering Consultants has produced a product that grinds materials into small particles. It has worked with pharmaceutical, mining and cosmetic industries using this product.

The company has developed three prototypes. If funding is approved, it will develop a fourth prototype and then begin commercializing.

Mr. Moore made a motion for the approval of Draft Resolution 93-7. Mr. Troutt seconded the motion; the Board gave its unanimous approval.

RESEARCH COMMITTEE

Dr. Pederson reported that the Research Committee met on September 9, 1992 and recommended for the Board's approval the following resolutions:

Draft Resolution 93-1 provides for the funding of two applied research proposals:

PROPOSAL NO. 93-A-03, "Forage Production and Soil Nutrient Status as affected by Swine Lagoon Effluent Applications," by Dr. J.M. Phillips of the University of Arkansas, Fayetteville, in the amount not to exceed \$20,400.00. This project is cosponsored by Arkansas Pork Producers Association in the amount of \$2,000, Tyson Foods, Inc., in the amount of \$11,000, and Cargill Swine Products Department, in amount of \$11,000.

PROPOSAL NO. 93-A-05, "Utilization of Rice Bran Proteins in Foods," by Dr. Patti S. Landers and Dr. Roy N. Sharp of the University of Arkansas, Fayetteville, in the amount not to exceed \$12,500. This project is cosponsored by the Rice Research & Promotion Board in the amount of \$12,500.

Dr. Pederson made a motion for the approval of Draft Resolution 93-1. Dr. Hendren seconded the motion. Dr. Pederson stated that UAF was the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 93-2 provides for the funding of three basic research proposals:

PROPOSAL NO. 93-B-25, "Roles of Sucrose Synthase and Acid Invertase in Carbon Partitioning in Loblolly Pine Seedlings," by Dr. J. Brad Murphy of the University of Arkansas, Fayetteville, in the amount not to exceed \$35,550.00.

PROPOSAL NO. 93-B-26, "Effects of Gonadotropin Releasing Hormone Treatment on Postweaning Reproductive Performance of Sows," by Dr. R. W. Rorie of the University of Arkansas, Fayetteville, in the amount not to exceed \$19,360.00.

PROPOSAL NO. 93-B-40, "Oligosaccharide Attachment to Staphylococcal Nuclease," by Dr. Wesley E. Stites of the University of Arkansas, Fayetteville, in the amount not to exceed \$33,800.00.

Dr. Pederson made a motion to approve Draft Resolution 93-2. Dr. Gilleland seconded the motion. Dr. Pederson stated that UAF was the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 93-3 provides for the funding of two basic research proposals:

PROPOSAL NO. 93-B-32, "Arginine Vasotocin Gene Expression in Chickens," by Dr. Thomas I. Koike of the University of Arkansas for Medical Sciences, in the amount not to exceed \$29,960.00.

PROPOSAL NO. 93-B-35, "Human CD30 Antigen Gene: Organization and Regulation," by Dr. Pei-Ling Hsu of the University of Arkansas for Medical Sciences, in the amount not to exceed \$31,000.00

Dr. Pederson made a motion to approve Draft Resolution 93-3. Dr. Hendren seconded the motion. Dr. Rayford stated that UAMS was the institution of his affiliation. The Board gave its unanimous approval.

Draft Resolution 93-4 provides for the funding of one basic research proposal:

PROPOSAL NO. 93-B-36, "Molecular Cloning of Cockroach Allergens," by Dr. Ricki M. Helm of the Arkansas Children's Hospital Research Center, Inc. in the amount not to exceed \$30,000.00.

Dr. Pederson made a motion to approve Draft Resolution 93-4. Dr. Bates seconded the motion; the Board gave its unanimous approval.

EXECUTIVE COMMITTEE

Dr. Willingham reported that the Executive Committee met on July 17, 1992. One item discussed at that meeting was the \$100,000 that was released by the Governor's Office for the Business Incubator Program. Draft Resolution 93-5 would provide funding for three incubators: GENESIS at UAF, EABIS at ASU and the incubator located at the University of Arkansas at Monticello. This funding would enable the three incubators to operate through June 1993.

Mr. Moore made a motion to approve Draft Resolution 93-5. Dr. Hendren seconded the motion; the Board gave its unanimous approval.

Dr. Ahlen stated that the budget request for the next biennium was submitted and a presentation was made to the Governor and Lieutenant Governor's staff. The executive recommendation on that request is expected within the next month. The Joint Budget Committee will hear ASTA's budget request on October 14.

NEW BUSINESS

NOMINATING COMMITTEE

Mr. Moore presented the report on behalf of the Nominating Committee. The Committee nominated the following officers for the upcoming year: Chairman - Dr. James Hendren; Vice Chairman - Mr. Jerry Webster; Secretary - Dr. Don Pederson. Mr. Moore made a motion that the officers be elected by acclamation. Mr. Troutt seconded the motion; the Board gave its unanimous approval.

MEETING DATE

The next meeting date is November 20, 1992.

ADJOURNMENT

With no further business to conduct, the meeting was adjourned at 2:20 p.m.

Respectfully submitted,



Donald O. Pederson, Ph.D.
Secretary
Board of Directors

APPROVED by the Board of Directors
on this 20th day of November, 1992



Donald O. Pederson, Ph.D.
Secretary
Board of Directors