

NETWORK

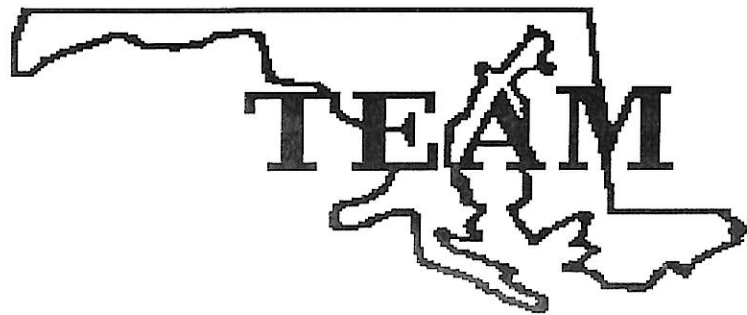
Official Newsletter of the Technology Education
Association of Maryland

Providing Leadership in Technology Education

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Number 1



MARYLAND DRAFTING AND DESIGN CONTEST

This year's TEAM sponsored 5th annual Maryland Drafting Contest will be held on Saturday, April 28, 1990 at the University of Maryland, College Park campus. This year, we are in the process of including a CAD competition. With the variety of CAD systems presently being used in the schools throughout the state, we would like your input and suggestions. Specifically, what system you are currently using, are you participating in or know of any local CAD competitions, and how we could assemble the numerous CAD packages being used into a state CAD competition.

Your ideas and suggestions are important and necessary for building and expanding the Drafting Contest. Please contact John Antonishak at 301-279-3365, or write to him at 850 Hungerford Drive, Rockville, MD 20850.



Left to right, Principal Kenneth Nichols, Coordinator Robert Sharp, Teacher of the year Robert Saunders, Superintendent of A.A.Co. Dr. Larry Lorton

Team Honors the Best

It takes long hours and hard work to make a program successful. It becomes important to take notice of this effort and recognize what it best. The Technology Education Association of Maryland is pleased to recognize those who are making Technology Education more than just a course title, but an integral part of the total education of the youth of this state. This year, the following awards were presented at the Conference '89 awards banquet:

Technology Teacher of the Year

Robert Saunders
Annapolis Senior High School
Anne Arundel County Public Schools

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Coming Events

Drafting Contest

April 21, 1990

University Of MD, College Park
CAD, Mechanical, Architecture

Technology Education Week

April 23 to 28, 1990

Symposium and Technology Fair

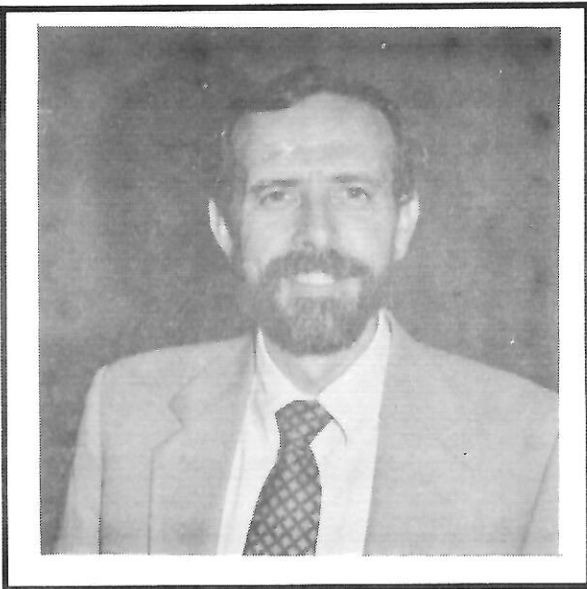
May 3-4, 1990

In the Annapolis BWI area

TEAM Picnic

June 2, 1990

Place - To be announced



President's Message

Although this is my first communication with you as president of TEAM, I feel sure that over the last few years I have met most of you at one activity or another. For those who are not acquainted with me I will introduce myself briefly. I am a Technology Education teacher at Francis Scott Key Middle School in Prince George's County. My wife, Kathie, and I have two sons. Aaron, age 20, is a junior at the University of Maryland, College Park, preparing to be a teacher. Chris, 17, is a senior at Southern High School in Anne Arundel County. We live in Churchton, which is about 15 miles south of Annapolis.

I am proud to be the president of this organization because I believe its mission is critical in the advancement our profession. There has never, in my recollection, been a greater need for a subject area to present itself to the public. I am hopeful that I can continue the effective leadership demonstrated by our previous presidents. My goals are to enhance the status of our profession and to provide help to you teachers and administrators as you pursue your worthwhile objectives.

Robert Gray



Program of the Year - Benjamin Stoddert Pictured here: Dr. Beatty, William Wise, Barry Burke, Clement Brooke, Fred Berman



Program of the Year - Oxen Hill High School, Pictures here: Dale Antosh, Dr. Beatty, Rich Avondet, Barry Burke, Paul Holdwn, Jim Mateer



Program of the Year - Eleanor Roosevelt High School : In the picture: Berry Burke, Doug Pruett, Ed Mason, Robert Fitzpatrick, Ed Stabler, Robert Helvey, Luthur Mensch, Dr. Beatty, John Templin, Hans Steffen, Dr. Gerald Boarman

Awards from page 1

Support: Principal Kenneth Nichols, Superintendent of Schools Dr. Larry Lorton, Supervisor of Technology Education Robert Sharp.

Robert Saunders is being recognized for the Power and Energy program in which he utilizes Computers, Robotics, and other hands-on apparatus as well as varied teaching strategies. Robert presents his students with an exciting place to learn and succeed in becoming a part of our technological world. Problem solving initiatives in simulated and powered flight have excited group efforts as well as promoted cooperative/supportive learning. The integration of science and mathematics principles have created a zest for learning.

Technology Programs of The year

Science and Technology at:
Benjamin Stoddard Middle School, Charles County Public Schools

Teachers: Fred Berman and Clement Brooke

Support: Principal William Wise, Superintendent John Bloom, Technology Supervisor Ken Smith

Oxen Hill High School, Prince George's County Public Schools

Teachers: Dale Antosh -Dept. Chair, Rick Avondet, Robert Porter, Chris Jacaruso, Paul Holden, Jim Mateer, Ron Sperlbaum

Support: Principal Milton Steinbaum, Program Coordinator J. Vincent Wheatley, Director of Curriculum & Instruction Robert R. Orden, Technology Education Supervisor Harley Smith

Eleanor Roosevelt High School - Prince George's County Public Schools

Teachers: Doug Pruett- Dept. Chair, Ed Mason, Robert Fitzpatrick, Ed Stabler, Robert Helvey, Luther Mensch, John Templin, Hans Steffen

Support: Program Coordinator Jane Hemelt, Principal Dr. Gerald Boarman, Director of Curriculum & Instruction Robert R. Orden, Technology Education Supervisor Harley Smith

The program of the year awards recipients represent a school wide program that provides students with a holistic setting for investigating the technological issues through an exciting intellectual, manipulative and interactive participatory experience.

Supervisor Of the Year

Milt McGrew Supervisor Technology Education
Frederick County Public Schools



Supervisor of the Year: Left to Right - Dr. Beatty, Milt McGrew and Barry Burke

Milt has provided both the state and Frederick County with a meaningful relevance to Technology Education. He has been an insightful questioner of content and method; a critical builder of theory and practice. The middle school Technology Education program in Frederick county is a testimony to his leadership and support for technological literacy. West Frederick Middle School was recognized last year for a program of excellence.

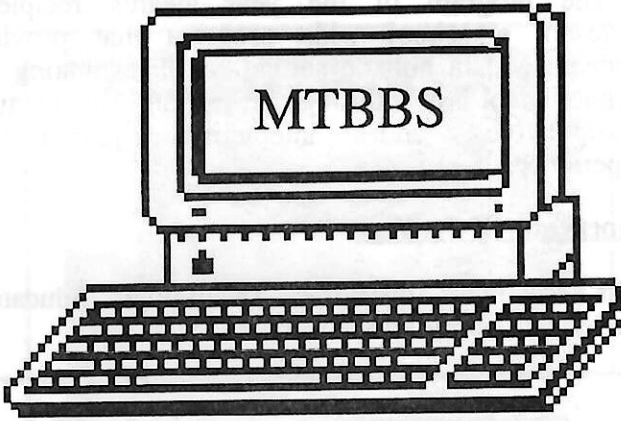
His efforts on behalf of Technology Education has resulted in extraordinary efforts in computer applications. Hours in front of the computer were a reward to others and an opportunity to share his understandings, abilities, and insights of both hardware and software in CADD programs for teachers in Frederick as well as the state.

The plaque is an award of excellence for outstanding contributions to Technology Education.

Special Award

Allan B. Myers Technology Specialist,
MSDE-DVTE

Al was presented with a special plaque as a tribute to more than three decades of leadership and dedication to our profession. His personal Awards



BALTIMORE COUNTY SUMMER WORKSHOP

In our continuing effort to keep you apprised of the curricula development in our state, we have asked that each county report upon any curriculum development.

This past summer, high school technology education in Baltimore County took a major step forward. At a two week workshop, "pilot" programs were developed for five major introductory/sub-system course offerings:

- 1) Wood and Forest Products Technology
- 2) Drafting Technology
- 3) Metals and Plastics Technology
- 4) Electronics Technology
- 5) Graphics Technology

Also during this past summer, Anne Arundel County began the process of rewriting the curriculum document for the middle school program. This document hopes to begin reflecting the changes in technology education by including such topics as computer applications, robotics, electronic communications, and lasers. Another change was the decreased emphasis on the unit lab approach. The document is still undergoing revision with the hope of publication for the '90-'91 school year.

Last issue, I took some time to bring attention to Paul Elwood, the Sysop of the MTBBS. This issue, I would like to share with you some of the other names connected with the board. The MTBBS was started as part of the Symposium project and is funded through this project. The bulletin board is a result of the work done by the Computer Network Sub-committee of the Instructional Resources committee. Current Committee members are: Paul Elwood, Chairman; Mike Maszczenski and Fred Lunn. Paul is also getting assistance from the Special Interest Group sysops Or SIGOPS. These people help by managing an area of the board, doing the maintenance and trying to keep active their part of the board. Currently the following people are SIGOPS: Gary Davis, Mac-SIG; Steven Barbat-STIX (Student/Teacher Information Exchange); Fred Lunn, Coommtech (Communications Technology); Dr. Charles Beatty, UMD (University Of Maryland); Robert Gray, TEAM (Technology Education Association of Md.); Ken Baxter, Write (Creative Writing); Robert Noel, ALCO (Allegheny County Public Schools); Terrence Workman, Coop (Cooperative Vocational Education); Gary Delaney, ETE (Elementary Technology Education); Louis Petronella, SCICURR (Science Curriculum Model 9-12); Al Myers, MSDOE (Md. State Dept. of Ed.); William Herman, BALTCO (Baltimore County Public Schools); and Mike Maszczenski, APPLE. Paul Elwood, our Sysop, is doing all SIGs without a SIGOP. Paul is currently managing 14 SIGs. The MTBBS is a great endeavor. Its success will be with the effort of many people!

The board is being used and additional local nodes are already being investigated. Currently we have 149 users, 31 SIGs and an extensive file library. If you have not registered and started using the board, the numbers are Baltimore area 783-2499 and outside Baltimore 1-800-952-1414. You have to register first on the Baltimore line. If you live outside the Baltimore area, Paul will give you access to the 800 number.

Mike Maszczenski
MTBBs # Masz

**Technology Teachers
Needed!! Encourage a
student to become a
Technology Teacher
Today!**

from page 3

involvement has impacted curriculum, facilities, and staffing in every local educational agency. He has been an instrumental, pervasive force for ...MARYLAND ON THE MOVE Technology Education ... PROGRAMMING FOR THE FUTURE. He has also been instrumental in the technology education symposium initiative.

I. T. E. A. Update

Josh. Barbati,
Affiliate Representative

Greetings and best wishes to all of you from the ITEA. It is our hope that 1989 was a most prosperous year for you both personally and professionally. Needless to say, as the new decade begins, technology educators worldwide will continue to experience significant curricular changes that will exceed any era in the history of our profession. These changes precipitated because of an increased need to adapt to and control the way we think, produce goods and services and conduct our lives.

We are living in an information age in which global research will continue to promote technological growth. American industry will continue to be affected by global competition. Employees will be required to demonstrate a higher level of technical skill and literacy. To be productive consumers and responsible citizens, people must be able to make intelligent decisions. These changes clearly explain the why for technology education. As opposed to industrial arts which deals primarily with materials, tools and processes, technology education is based on an organized set of concepts, processes and systems that are fundamental to the technology and its effects on humans and their environment.

The October 1989 issue of the National Association of Secondary School Principals' (NASSP) Bulletin featured an article entitled, "Technology Education: Its Place in the Secondary Schools." The article clearly substantiates that technology education programs make the difference in providing technologically literate students. Consequently, participants at the ITEA Conference in Indianapolis will be joined by NASSP's workshop attendees. The intent of this activity is to share important

characteristics of our program with administrative personnel.

In addition, a new brochure, "Technology Education" was recently published by the ITEA. It provides a checklist for administrators and covers such topics as: program instruction, the teacher, administration and supervision, facilities, instructional materials and other issues that will assist an administrator to determine the solids needed for an effective Technology Education program.

ITEA President Richard Bray disclosed recently that the Board of Directors is publishing additional articles that will assist principals to identify significant aspects about technology.

It is evident that such positive action can only be achieved by the participation of many, many dedicated professionals working through their association.

If you have not already joined the ITEA, why not become a part of the team that will carry our profession into the next century? As a member you will:

observe the work of other technology educators and share innovative activities

be aware of the latest curriculum materials and equipment

interact with top-notch professionals at symposia and international conferences

receive The Technology Teacher as well as have access to a wealth of printed materials covering a wide-range of issues pertinent to technology education

have access to the Technology Link. This is an electronic forum that enables technology professionals throughout the country to communicate by simply placing a phone call.

Yes, as a member you will also enjoy terrific money-saving programs. These include: professional liability, life, major and minor insurance and medical plans, substantial discounts on car

rentals, lodging, airline tickets, credit cards and other travel activities. Also, if you join now, you will receive a bonus. The ITEA will send you a coupon valued at \$6.50 toward the purchase of any publication, video or other merchandise from the association. To become a member, simply complete the application located at the end of this article and forward it along with a check or money order to ITEA Headquarters.

The 1990 International Conference hosted by the Indiana Technology Education Association will be held in Indianapolis, Indiana April 2-6. As in previous years, this event promises to be an informative, challenging and rewarding experience. Notice that the schedule of events is extensive and quite varied. Attendance at an International Technology Education Association Conference may be one of the most professionally meaningful experiences you will ever share. So, plan to attend now. For further information concerning this event, write to: ITEA Headquarters 1914 Association

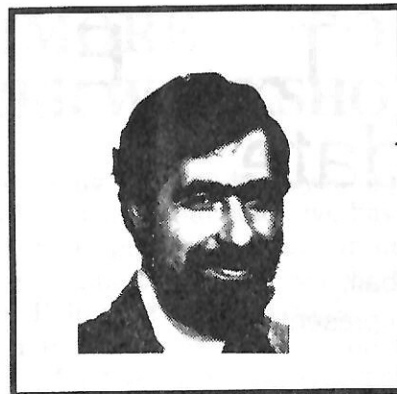
**ITEA National Conference
Indiannaopolis, Indiana**

April 2-6, 1990

Drive, Reston, Virginia 22091.

However, planning and hosting an ITEA Annual Conference is a major endeavor that involves the cooperation and willing participation of many dedicated professionals. Chairpersons for the special interest sessions are urgently needed. All Technology Education Supervisors, Teacher-Educators and classroom teachers who would be willing to assist in this matter please contact Dr. R. Thomas Wright, Dept. of Industry and Technology, Ball State University, Muncie, Indiana 47306.

Nominations for Tech. Teacher of the Year and Program of the Year, Forms in next issue!!



Technology Teachers on the Move!

One of the primary goals of this publication is to give technology educators information on people and events that are making Technology Education grow. TEAM is also constantly trying to recognize excellence in Technology Education in the state. In this column I hope to be able to point out and highlight teachers who are doing exciting things. I need your help to make this column successful. If you know of a teacher on the move, please send me information so that I might feature this person in an issue of the Network.

Andy Adams, Anne Arundel County, Old Mill Middle School South, is a technology teacher "On the Move". Andy has been teaching in A.A. Co. for 11 years and is very active in Technology Education. He is a recipient of one of the Technology Grants offered through the Symposium project. In fulfillment of the grant, he also was a presenter at this fall's Technology Fair. Andy's interest has been computers and their uses in the Technology Classroom middle school level. Andy also has received a scholarship from the American Association for the Advancement of Science sponsored by Bell Atlantic. He attended seminars this summer and is working in the area of robotics and manufacturing, and interdisciplinary integration of Science and Technology Education. In a continuation of this project, Andy will be attending The AAAS Conference on Robotic in the Classroom this February. Andy is currently experimenting with the Fisher Technics Robotic systems. Andy can be contacted at Old Mill Middle School South, 620 Old Mill Road, Millersville, MD 21108

Conference '89 Big Success

This year's conference was held at Marriott's Hunt Valley Inn. The conference is a multigroup function with the Maryland State Department of Education, Maryland Business Education Association, Maryland Home Economics Association, Maryland Vocational Association, The State Council on Vocational Education and the Technology Education Association of Maryland. Held also was a meeting of the Symposium project sponsored by the Maryland State Department of Education on November 2. Conference '89 was held on November 3. The theme of this year's conference was "Technology Education - A World of Difference".

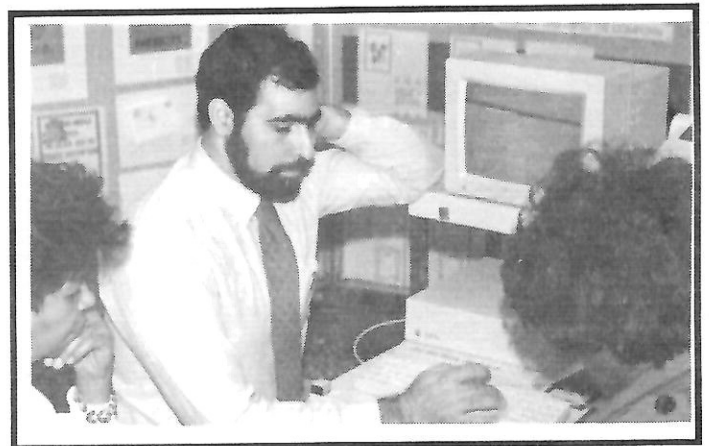
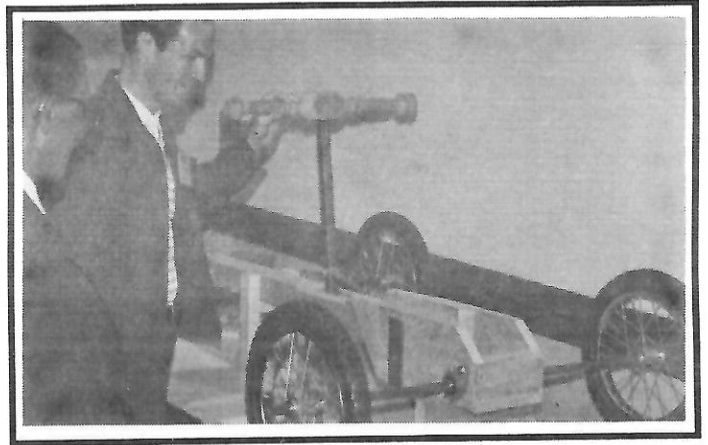
The Awards Dinner Thursday night was co-sponsored by DVTE, SCOVE and TEAM. TEAM presented its awards for Teacher of the Year, Technology Program of the Year and Supervisor of the Year.

Membership was taken during the conference, and approximately 150 attendees took this opportunity to renew or become new members of TEAM.

The events for Friday included a keynote speaker (Dr. Samuel Betances). TEAM sponsored events were the Technology programs of the year 1988 and the new Technology Curriculum from Frederick County. Also, the Md. Technology Bulletin Board was up and running and taking new users. The Grand event of the day was the Technology Fair. TEAM had a ballroom set up with teachers from around the state showing off the Technology unit they were offering to their students. The teacher recipients of Technology Grants were showing the developments from their grant. Of course, while all this was going on, a trade show of the vendors that deal with various groups was in progress in the main hall.

The final event for the conference was the TEAM annual general business meeting. The main items of business were the installation of the new officers and presentation of the proposed Budget for 1989 - 90. The presentation of Special Awards also took place. As an extra plus for those who stayed, several vendors donated door prizes that were given away at the end of the meeting.

From the Technology Fair



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First Class Mail

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