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1991 - 1992

The
Western
Maryland
Area
Health
Education
Center





Chairman's Report



Anthony Bollino, MD
Chair, Board of Directors

As I reflect on my three terms as Chairman of the Board of Directors, my years of service on the Board and on the original AHEC Advisory Council, I am struck by the AHEC's growth. The growth in service and vision is disproportionate to the program dollars available. Each year, the Western Maryland AHEC accomplishes more and more. The growth is based on commitment. It is the commitment of the area health professionals, the AHEC staff and the University of Maryland at Baltimore that helps us attain our goals and often exceed our expectations.

I firmly agree with Dr. Lee Kaiser, who spoke at last year's annual meeting, that the future in health care lies in "imagination, collaboration and resource sharing." These three concepts are the foundation blocks of the Western Maryland AHEC. For more than sixteen years, members of the AHEC's six caucuses, Interdisciplinary Health Education Council, Board of Directors and area health professionals contributed imagination and collaboration, and found resources to help the Center address regional needs. Cooperation and networking enable the AHEC to transform new ideas into responsive programs.

In contrast to the competition which has been so pervasive in health care planning and service delivery, the AHEC believes that major changes in health care can result from cooperation. Cooperation among agencies results in ways to bridge gaps in training and services, in developing proposals for new service programs, in providing better access to health information, and in implementing regional responses to changes in health personnel needs.

In the past year, UMAB President Reese and others visiting the Center reconfirmed the university's commitment to support our region. As I look toward the future, I feel confident that the Western Maryland AHEC will continue to be a vital force in health professional development and in supporting essential innovation in health care services.

A. Bollino, MD.

Director's Report



Donald L. Spencer
Executive Director

If asked to select one thing as the foundation of the AHEC's success it is our health professionals' involvement. The AHEC provides a means for health professionals to address concerns about their professional needs and health care in general. As health professional needs change, the AHEC also must change. It must change to meet those evolving needs while maintaining its commitment to improved access and quality in care, and its commitment to involving the professionals in guiding and shaping processes of change.

The work of the AHEC Board of Directors during the past three years under Dr. Bollino's leadership, the IHEC's dedication and the caucuses' involvement in clinical instruction, peer concerns and interdisciplinary activity continue to be major components of the AHEC's strength. The work of the coalitions in Washington, Garrett and Allegany counties plus the IHEC program subcommittees is outstanding.

It is always a challenge for the staff to keep up with the needs of these groups and with

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IHEC Report



Jan Chippendale, MSW
IHEC Chair

The Interdisciplinary Health Education Council is responsible for the planning and oversight of all AHEC programs. It is made up of a representative from each of the six caucuses, plus two at-large and three health consumer members.

The IHEC is blessed with members who show a high level of interest and participation. Their involvement, coupled with the enthusiasm and expertise of the AHEC staff, provides the context for a dynamic interdisciplinary alliance. In response to the growing diversity and complexity of the programs, the IHEC is continuing on a path of operational restructuring begun by prior IHEC Chair Donna Walbert. We are seeking to balance program oversight with continuing exploration of regional needs and potential resources.

The four program areas which the IHEC currently monitors are Clinical Education and Placement, Learning Resource Services, Health Careers Opportunity Program (HCOP), and the Adolescent Health Initiative. There were some promising new developments and some notable achievements this year.

The Adolescent Health Program grew into a multi-faceted and innovative program, and is an exceptional example of interdisciplinary teamwork. In April, the Learning Resource Services received approval of an Information Access Grant. The new Placement Initiatives are progressing well. By early May five new health professionals accepted regional positions; the program's goal is 10 placements by August. HCOP, in its fourth

the numerous opportunities for continuing and expanding the organization's work. They meet the challenge in spite of complex, difficult and expensive times. In my thirteen years with the organization, the staff never prepared as many grant applications, worked with as many people, nor accomplished as much in one year. It has been an amazingly productive year despite difficult funding reductions and other stresses.

I am proud to be part of the Western Maryland AHEC, to be able to work with so many visionary and dedicated people,

and to be part of such a gifted and committed staff. I look ahead to another challenging year and new program priorities established by the IHEC.

We are very fortunate as an organization. No small measure of our good fortune as a responsive area organization is due to the visionary commitment and support of the University of Maryland at Baltimore. An AHEC is a regionalization of the resources of a Health Science Center. The outstanding program year is an important reflection of the

strong support that we receive from UMAB's excellent leadership and many faculty, its health science library services, and its mission and its growing responsiveness in serving health care needs throughout the State.

Donald L. Spencer

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year of service, is awaiting approval of a new three year cycle of federal support. This year the staff brought health career exploration tools and information to more than 900 students in the tri-state area. Each of these programs is summarized in the staff reports.

The IHEC participated in several other interdisciplinary activities. In January, we were pleased to meet with Dr. Errol Reese, new UMAB President, and Dr. Ernest Moreland, Vice President for Academic Affairs, during their visit to the Western Maryland AHEC. Just a few months earlier the new Dean of the School of Social Work, Dr. Jesse Harris, visited the Social Work Caucus. Frieda Weise, UMAB Assistant Vice President for Information Services and Health Science Library Director, and Judith Douglas, Executive

Assistant to the Associate Vice President for Information Services, visited with the AHEC staff, nursing and social work off-campus program representatives and area librarians. We are extremely appreciative of UMAB's support.

Each spring, the IHEC initiates proposal ideas which are developed and submitted to various funding agencies including the Federal AHEC's Special Initiatives Program. This year, the IHEC authorized re-submission of the *Educational Initiatives in Community Geriatric Dental Care* proposal to the Special Initiatives Program. The IHEC also authorized an application to the Appalachian Leadership Initiatives on Cancer Program. This is a large undertaking, involving the coordination of a regional

inter-agency coalition for a five-year project.

The culminating activity for this fiscal year, and the IHEC's starting point for the coming year was the planning retreat in April. Thirty-five participants devoted an evening to generating new ideas and new directions for AHEC programming. It was a productive evening. I thank all who participated for the contribution, which will guide the IHEC's deliberations as we evaluate and prioritize new programming.

Jan Chippendale

Clinical Education and Placement

The goals of the AHEC's well established Clinical Education Program and the newly established Placement Program complement each other. Both programs promote Western Maryland as a beautiful place to live, work and play, and focus on attracting new health professionals to our region. Early this year, the two programs were combined and renamed Clinical Education and Placement Services.

Placement Program. The regional need for health professionals is well documented. In 1990, the IHEC authorized the development of a placement initiative proposal to submit to the Federal AHEC Special Initiatives Program for review. Called *Educational Placement Initiatives To Support Rural Care* the proposal was approved in the Summer of 1991.

The program works in the academic setting with health professional students as they prepare for their first professional appointment. Using a regional approach to recruitment, the staff works cooperatively with area hospitals - large and small, private practitioners, retail pharmacies and other public and private health care facilities. Literally, the program is matching a new health professional's dreams and skills with career opportunities in Western Maryland. The program's first year goal is to place 10 new health professionals.

A regional needs assessment provided the staff with information to develop a multi-faceted but very personal recruitment approach. A promotional campaign promoting Western



The AHEC's prescription for regional health professional shortages is the Placement Program. (Left) Keith Broome worked with the AHEC to establish his pharmacy career in Western Maryland at Potomac Valley Pharmacy with Robert Martin, Jr., RPh. Broome also participated in the Clinical Education Program.

Maryland explains the variety of career opportunities and advantages of living in a nonmetropolitan area. Staff work with faculty and administrators at health science universities within a four state area. Newsletters, posters and brochures supplement the one-on-one contacts made at recruitment and career fairs.

Personal letters and phone calls were used to contact students who rotated through the AHEC's Clinical Education Program and to assess their interest in working in Western Maryland. That personal approach resulted in success. Five new health professional graduates, all who had completed clinical education rotations through the AHEC, were placed in regional positions by May. The program staff are helping many other new health professionals explore career opportunities in Western Maryland.

Clinical Education. The number of students coming to Western Maryland through the

Clinical Education Program continues to grow. New disciplines, preceptors and universities are being added to the program. The AHEC is able to accommodate more students thanks to additional housing options available in all three counties. The number of clinical education preceptors also is growing.

This year 72 area health professionals served as preceptors. In the spirit and tradition of the Hippocratic oath written in the 5th century B.C., these health professionals are teaching the "art" of healing. Eighty students learned more about the day to day challenges and rewards of working in rural health care from a practicing health professional. The students completed 101 rotations including: 22 in ambulatory care; 40 in pharmacy; 17 in physical therapy; 8 in medical technology; 8 in occupational therapy; 2 in dentistry; and one each in nursing, public administration, counseling psychology and hospital administration.

Student Comments

1991 - 1992

Area health professionals are the cornerstone of the Clinical Education Program's success. The Board of Directors at its April meeting requested that a committee be formed of Board, IHEC, and caucus representatives to examine how to provide better recognition of preceptor teaching contributions.

This committee will be looking at ways to provide recognition to preceptors in all disciplines. Presently, only the UMAB School of Medicine provides faculty appointments for medical preceptors. Based on university criteria, a medical preceptor is eligible for clinical instructor status after a prescribed number of precepting hours. Based on evaluations, and continued precepting, a clinical instructor can progress through professorial ranks.

The students recognize their preceptor's contribution to their education. The student comments that follow reflect their views.

"This experience is much different than anything else which I have been exposed to in med school. Care of this type is why I decided to become a physician. In this type of rural family practice, the physician and patient appear not only to develop a close professional relationship, but often develop a good friendship. This is the type of medicine I want to practice."

"My preceptor was excellent; I loved the house calls we made. The exposure to rural health care was excellent."

(My) "Preceptor has been an excellent role model. Not only did her clinical competence provide an ever forthcoming source of knowledge, but interpersonal skills are such that student growth and self confidence are stimulated in a very nonthreatening atmosphere."

"I particularly enjoyed the patients seen each day, as well as the staff at the office who welcomed me warmly as part of their team."

"For one thing, I'm not anxious to return to the big city. I believe this program is one of the highlights of the UMAB curriculum."

"My preceptor respected me and treated me as a professional. I was able to attend several functions which helped me really understand my role in this career."

"I was exposed to the interdisciplinary care in the individual treatment plan meetings. These meetings included social work, nursing staff, PTs, OTs, recreational therapists, and psychologists. During these meetings I was introduced to the other therapies and how they were trying to help the patient."

"I feel that my skills have improved and that with the new materials I am familiar with I will be able to increase my productivity back at school. In addition I feel my patient skills have improved by watching the respective dentists."

"I enjoyed working with and seeing the different approaches each therapist utilized."

"I was very impressed with just how many ways pharmacy can be of service--from home infusion therapy to actually going out to the patients' homes. There is a very wide range here of how pharmacy does serve the community--it is more exhaustive than just serving the patients still in the hospital."

"My preceptor was awesome! He really took good care of me...he was very willing to go out of his way to try to arrange things I wanted to do. He forced me to challenge myself, which I really appreciated."

(My preceptor) "is by far the best clinical instructor I've had in terms of putting medical issues in the context of the patient's life. A technically very competent professional who communicates exceedingly well with her patients."

"I learned (through my rotation) just how expansive our service as pharmacists can be. It was really exciting to see how many different choices are out there in the field--it isn't just 'hospital' or 'community,' but many areas within each of those disciplines."

(I appreciated) "Experiencing a real dental practice and utilizing assistants and auxiliary personnel which you don't experience in dental school."

(The) "location is much more attractive than the never-ending asphalt of a larger city. I liked how welcome everyone (even the patients) made me feel."

Clinical Education Program

University of Maryland at Baltimore

July 1, 1991 - June 30, 1992

School of Medicine

Ambulatory Care

<u>Preceptor</u>	<u>Student</u>	<u>Location</u>
Paul Anderson, DO	Catherine Booth	Private Practice
Rex Archer, MD, MPH	Reema Jalali	Garrett County Health Dept.
Anthony Bollino, MD	Noreen McAllister	Private Practice
	Frederick Pereles	
James Bosley, MD	Daniel Crable	Private Practice
Thomas Chappell, MD	Rick Gehlert	Braddock Medical Group
	Scott Price	
Robert Coughlin, MD	Charles Cole	Private Practice
Mark Domenick, MD	Trumer Wagner	Gar. Mem. Hospital Emergency Dept.
Raul Felipa, MD	Joseph Manley	Private Practice
	Divya Verma	
Martin Gallagher, Jr., MD	Vivienne Rose	Antietam Family Practice
	Linus Simonaitis	
Michael Gayle, MD	Catherine Booth	Berkley Springs Medical Associates
Jack Harvey, MD	Rick Gehlert	Private Practice
Charles Hess, MD	Linus Simonaitis	Smithsburg Family Practice
Margaret Kaiser, MD	Paul Dyer	Private Practice
	Nancy Roman	
	Trumer Wagner	
William Kerns, MD	Linus Simonaitis	Smithsburg Family Practice
Myung-Sup Kim, MD	Joseph Manley	Sacred Heart Hospital Radiology
William Lamm, MD	Andre Chen	Private Practice
	Seymour Williams	
Michael Levitas, MD	Lisa Kolste	Children's Medical Group
Cynthia Lowe, MD	Vivienne Rose	Antietam Family Practice
	Verlyn Warrington	
Victor Mazzocco, MD	Rick Gehlert	Braddock Medical Group
Eugene Nallin, MD	Ronald Rakowski	Hyndman Area Health Center
Susan Nuber, MD	Lisa Kolste	Children's Medical Group
Matthew Phillips, MD	Catherine Booth	Berkley Springs Medical Associates
Stephen Powell, MD	Paul Dyer	Private Practice
Donald Richter, MD	Lisa Ho	Private Practice
Martha Riggle, MD	Dwight Eichelberger	Antietam Family Practice
	Verlyn Warrington	
Carlos Santiago, MD	Joseph Manley	Sacred Heart Hospital Anesthesia
Karl Schwalm, MD	Reema Jalali	Garrett Medical Group
Richard Snider, MD	Seymour Williams	Private Practice
Wendye Van Brakle, MD	Seymour Williams	Private Practice
David Wiggins, MD	Trumer Wagner	Gar. Mem. Hospital Emergency Dept.

School of Medicine

Department of Medical and Research Technology

Joseph Litten, PhD	Charlotte Hiebler	Memorial Hospital Laboratory
Robert Manasse, PhD	Donald Carlowa	Memorial Hospital Laboratory
	Tammy Harper	
	Julie LaRue	
	Jacqui Magnes	
	Brian Marsiglia	
Bonnie Miller, BS, MT	Jacqui Magnes	Memorial Hospital Laboratory
Warren Wagner, MT (ASCP) SH	Ryan Mechanick	Memorial Hospital Laboratory

Baltimore College of Dental Surgery, Dental School

<u>Preceptor</u>	<u>Student</u>	<u>Location</u>
Lynne Brodell, DDS	Brooks Woodward	Private Practice
Barry Congers, DDS	William Yant	Private Practice
John Davis, DDS	William Yant	Private Practice
Michael Granet, DDS	Brooks Woodward	Private Practice
	William Yant	
Frank LaParle, DDS	Brooks Woodward	Private Practice
Paul McAllister, DDS	Brooks Woodward	Allegany County Health Dept.
	William Yant	
Fred Schindler, DDS	Brooks Woodward	Private Practice
	William Yant	
Howard Strauss, DDS	Brooks Woodward	Private Practice
	William Yant	

School of Pharmacy Professional Experience Program

John Balch, RPh	George Lauder	Bedford Road Pharmacy
	Lynn Messick	
Gerald Beachy, PD	Larry Wirtley	Beachy's Pharmacy
Jeff Beck, RPh	Robert Pohler	Thrift Drug Braddock Square
John Beckman, PD	Tim Garten	Greene Street Pharmacy
	Tom Morgan	
Tom Bolt, PD	Regina Varkus	
	Jody Whetstone	Medicine Shoppe
Leon Catlett, RPh	Alicia Winfield	
	Brenda Hawbecker	Eakle's Pharmacy
	Nelson Kline	
David Cowden, RPh	Brenda Hawbecker	People's Drug Store
Monte Festog, PharmD	Diana Bard	Wash. Co. Hospital Pharmacy
	Yunga Chang	
	Nelson Kline	
Wes Hann, RPh	Keith Broome	Revco Drug Store
	Mildred Hernandez	
Harold Harrison, RPh	George Lauder	Frost. Com. Hospital Pharmacy
	Tom Morgan	
	Robert Pohler	
	Larry Wirtley	
Gerry Herpel, RPh	Kelly Tinelli	Deep Creek Pharmacy
Steve Hospodavis, RPh	Mary Lynn Meyer	Steve's Pharmacy
	Larry Wirtley	
Charles Ifeachor, PharmD	Jody Whetstone	Thomas B. Finan Center Pharmacy
Robert Martin, Jr., RPh	Keith Broome	Potomac Valley Pharmacy
	Jody Whetstone	
Richard Ottmar, RPh	Regina Varkus	Sacred Heart Hospital Pharmacy
Jennifer Snyder, RPh	Tom Morgan	Thrift Drug White Oak
Jody Thomas, PD	Matt Smith	Medicine Shoppe

School of Nursing

Ruth Wood, MS, RN	Stephen Spielvogel	Western Maryland AHEC
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University of Maryland System

Occupational Therapy Program

Lydia Martin, MA, OTR/L	Beverly Fry	Catonsville Community College
	Terry Walter	Catonsville Community College
	Janet Dignan	Towson State University

Clinical Education Program-cont.

Participants from other Programs

Hospital Administration

<u>Preceptor</u>	<u>Student</u>	<u>University/College/Program</u>
Scott Murray, MBA	Kristi Gilpin	Cornell University

Occupational Therapy

Lydia Martin, MA, OTR/L	Jennifer Coates Emily Irwin Nancy Stehley Laura Lynn Witherup Diane Grimes	Elizabethtown College Virginia Commonwealth Univ. Mt. Alloysius College Elizabethtown College Virginia Commonwealth Univ.
Laura Robinson, OTR/L		

Pharmacy

John Balch, RPh Gerald Beachy, PD James Crable, PD Monte Festog, PharmD Charles Ifeachor, PharmD Jerry Stewart, PD Brad Thomas, PD	Tracey Summers Emma Espinosa Jodi Hahn Tamara Minser Nora Holan Anthony Moore Tracey Summers Tracey Summers	West Virginia University Duquesne University Duquesne University Duquesne University Duquesne University West Virginia University West Virginia University West Virginia University
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Physical Therapy

John Dickerhoff, PT Theresa Hannibal, PT William Rhodes, PT Michael Staggers, MS, PT	Mike Elliott Drew Summers Mary Craze Heather Haines Joe Lambiotte Jane Martin Aileen Convery Jon LaNeve Tammie Saylor Cami Boothe Mike Elliott Joe Lambiotte Tom Ott Tammie Saylor Drew Summers Tracy White David Miers	West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University West Virginia University Slippery Rock University
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Public Administration

Donald Spencer, MPA	Gene Turner	West Virginia University
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Counseling - Psychology

Conrad Cole, PhD	Suanne Ostendorf	West Virginia University
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Thomas Chappell, MD supervises UMAB ambulatory care student Scott Price as he conducts a physical examination of Donald Kenney.

Learning Resource Services



Carol Kenney, Medical Assistant, Braddock Medical Group, learns to use GRATEFUL MED to search the National Library of Medicine databases from the office.

The AHEC's Learning Resource Center (LRC) services are evolving and growing in many new directions to provide quicker and easier access to health information. Working with regional libraries, the University of Maryland at Baltimore Health Science Library and the Southeastern/Atlantic Regional Medical Library program, the LRC staff coordinate programs that help regional health professionals, health career students, and librarians access biomedical information.

LRC's service goes well beyond the traditional library with shelves of health professional reference books and journals. The information age allows the LRC to electronically link with medical libraries across the nation through computer resource sharing networks. Computer technology allowed health care providers to personally obtain 326 searches on the most up-to-date medical information. The LRC requested over 2,000 loans through DOCLINE, the National Library of Medicine's (NLM) automated interlibrary loan request and referral system. The GRATEFUL MED program puts literature and data searching capability in the hands of any health professional who installs the program on a computer system, and spends just an hour or two learning how to operate the program. And, the possibilities for more resource sharing keep expanding.

Outreach Pilot Project Continued

The successful *Western Maryland Outreach Pilot Project* was awarded a one-year continuation in mid August. This sustains the instruction and support of 100 health professionals in the use of GRATEFUL MED software to self-search over 40 NLM databases. The AHEC staff also assist GRATEFUL MED searchers in using LOANSOME DOC, which links the searchers

directly to a library which can provide the information identified through a search. The LRC, the first LOANSOME DOC library in the region, is now assisting other area libraries in offering the service.

Through this project, a tri-state library consortium was formed to expand health information resources through resource sharing. Each member library is compiling a list of medical journals and monitoring future acquisitions to avoid duplication of specialized journals. Through this cooperative resource sharing, health professionals and students are accessing a greater number of resources locally. *A Guide to Information Resources in the Western Maryland/Tri-State Area* helps the 36 consortium members locate health service libraries and identify their services at a glance.

ACTION Grant Approved

The AHEC began work June 1, 1992 on a new tri-state project called *Access Computer Technology/Information Outreach Network* (ACTION), through an Information Access Grant awarded by the National Library of Medicine. The one-year effort is to establish or enhance computer linkages within the region and with libraries throughout the NLM network. It will equip 19 institutions in seven counties of rural Western Maryland, Pennsylvania and West Virginia with computer workstations, fax equipment and GRATEFUL MED software. ACTION also provides for training of library staff and health professionals to use the equipment to access the national databases. The project will enhance the networking among regional library personnel who are working to strengthen the region's information services.

ACTION also supports health professional continuing education needs by providing on-site access to health information services. It will enhance information access for students rotating through the AHEC's Clinical Education Program, the UMAB Nursing Outreach Programs and the proposed Master's in Social Work program, as well as for students studying for health professional careers in the region. The networking of regional information services is extending the "handshakes" of area libraries and assisting in the cost-effective delivery of quality health care.

Adolescent Health Initiative



Eighth graders attended a teen conference addressing adolescent health issues. Presenters were: (left to right) Nancy Hudson, Governor's Council on Adol. Pregnancy; Nancy Forlifer, Allegany Community College; Jane Dawson, Allegany County Board of Education; Sandy Sawyer, Allegany County Health Dept.; and Susan Davis, Western Maryland AHEC.

Rural Training Initiatives in Adolescent Health exemplifies state and community networking at its best. The AHEC was supported in bringing teen health issues to the foreground and in planning better ways in which Western Maryland can serve adolescents by the Governor's Council on Adolescent Pregnancy, the Interdepartmental Committees on Adolescent Pregnancy, the Adolescent Health Coalitions, regional educational institutions, county health departments and health professionals. Cooperative efforts led to: continuing education seminars; a tri-county teen conference; multi-agency grant proposals for new service programs; and testimony to the Maryland legislature in support of teen health programs.

Exceeding expectations, the Adolescent Health Program efforts united agencies and individuals, some for the first time, to provide better access to health services for teens. Funded by the Federal AHEC Special Initiatives for two years, the program comes to an end on July 31. The AHEC is proud of the program's accomplishments and the proposals for continuing the impact of the projects. The year's accomplishments:

Model Demonstration School Health Services are operating in 4 high schools in Western Maryland: Northern and Southern High Schools in Garrett County; Beall Middle/High School in Allegany County; and South Hagerstown High School in Washington County. Each school uses a computer database to store valuable information on student usage of the services. The data, to be compiled in a final report, identifies nursing interventions, outcomes of interventions, numbers of students, and students' reasons for

accessing the services. High risk characteristics of the students will be assessed and a cost analysis for services will be calculated.

This Spring, in cooperation with community agencies, two federal grant applications were prepared which would provide for a five year extension of the model demonstration projects.

Included in the most recent proposals is a school-based Family Diagnostic Referral Center designed to help dysfunctional families by providing counseling and referral. The idea for this program came from the Allegany County Adolescent Health Coalition which studied the problem in 1991.

A U.S. Congressional Delegation News Conference is planned for Fall 1992 to announce the statistical results of the Demonstration School Health Services. The announcement will include a packet of materials to be distributed to all regional agencies involved with teens.

Teen Pregnancy and Parenting Programs continue to receive support from area educational agencies, communities, county health departments and the Interdepartmental Committees on Adolescent Pregnancy. The AHEC is preparing a grant proposal for Washington, Allegany and Garrett counties to provide day care centers for teen parents. The Adolescent Health Coalitions continue to distribute educational materials from the Governor's Council on Adolescent Pregnancy to the media.

Consumer Education using a new health curriculum is occurring in two Washington County schools. Clear Spring and South Hagerstown High Schools are teaching P.A.C.T (Participating and Assertive Consumer Training) to ninth graders. The curriculum encourages students to use the health care system, to ask intelligent questions and to provide adequate information so the health care provider can properly understand their needs.

Continuing Education seminars during the year provided a new perspective on teen health issues for health professionals, educators and concerned citizens. Topics included adolescent pregnancy, adolescent medicine, discussing sexual history, interviewing techniques, and the community impact of teen crisis.

HCOP

Health career recruitment activities in tri-state area high schools continued this year with the AHEC's commitment to "grow our own" health professionals and the overwhelming support of area health and educational institutions. During the three years from 1988-91 that the AHEC administered the *Eastern Alleghenies Health Careers Opportunity Program (HCOP)* with federal grant funds, it became clear that to prevent a personnel shortage crisis in the region our own youth must be encouraged to pursue health careers.

AHEC continues to support the 67 graduates of the HCOP summer programs who are pursuing health careers. The staff serve as student advocates, provide guidance and counseling when needed, and assist students in developing a full financial aid package. This year, the AHEC's recruitment services were maintained with local and AHEC resources. Thanks to HCOP's excellent reputation, the program is actually expanding its audience. Staff presented health career information to students from middle school through college age. HCOP reached nearly 900 students through 53 presentations at 21 schools during its fourth year of operation.

Health career options were presented also at local community college career fairs and to college pre-nursing students who visited the AHEC to learn about the great variety of health career opportunities. And, interested community members visited the Center for

health career exploration. A high school guidance counselor referred a student's parent to the AHEC for career information. After exploring several different health fields, the parent quit her job of 17 years to enter the radiologic technology program at Allegany Community College.

Necessity being the mother of invention, a two-week experiential summer program replaces the former federally funded six-week residential academic program. Twenty regional students will participate in the first Health Careers Enrichment Series to be held from June 15 - 26 at multiple health care facility and educational sites. The new two-week summer series is a hands-on learning opportunity designed for students in grades 10-12.

Regional hospitals and private practitioners support AHEC efforts which encourage health career exploration. This year, 176 students either individually shadowed health professionals or toured health facilities for a look behind the scenes.

With the encouragement of federal HCOP consultants, an updated program proposal was submitted to the Department of Health and Human Services in November. Notice of award for the 1992-1995 funding cycle is expected in late May.



HCOP provides one-on-one career shadowing experiences for regional students to learn more about various health careers. Elaine Keane, OTR/L demonstrates the use of splints in hand therapy on Karen Engelhardt, a sophomore at Frostburg State University.

Off-Campus Nursing

This year marks the 17th anniversary of the Nursing Outreach Program in Western Maryland. In 1975, a group of 13 registered nursing students began their nursing courses in Cumberland. From that small beginning, the University of Maryland School of Nursing's off-campus efforts have blossomed. The School currently offers RN to BSN offerings at 6 sites throughout the state. As a result, baccalaureate education is now available to nurses in rural, suburban, and urban locations; something that was not true as recently as 17 years ago.

This May, 45 students will complete their undergraduate educations in Western Maryland: 17 in Cumberland, and 28 in Hagerstown. For the

first time, those numbers include a sizable contingent from Franklin County, Pennsylvania. That rural, farming county has a significant elderly population and limited access to higher education for nurses, so the Nursing Outreach Program in Hagerstown is an important resource. While statistics may make dry reading, the 166 undergraduate nurses who completed their baccalaureate degrees in the western part of the state have had a tangible impact on nursing care in the area. It is easy to forget that, as recently as 1975, fewer than 10 nurses in Allegany County had BSN degrees.

The most recent master's degree class for nurses began in Cumberland last Fall. Dr. Gail

Mazzocco, who currently coordinates the baccalaureate degree program, has been appointed coordinator for the graduate program as well. The 18 master's level participants have completed 12 credits, and will begin specialty courses in September. While each student has selected an area in which to specialize, the most popular has been the nurse practitioner program. Grant funding for the program is being sought.

The Western Maryland AHEC continues to provide on-site support to both programs, which is invaluable to the continuing success of the programs. This year the AHEC printed a brochure describing the BSN-MSN programs offered in Western Maryland to aid in recruitment.



(Center) Dr. Barbara Heller, Dean of the University of Maryland School of Nursing, hosted a reception for students and friends of its Nursing Outreach Program at the AHEC. Dr. Heller shown here with Dr. Joan Creasia, Acting Chair of the RN to BSN Program (left) and Delegate Betty Workman (right) conveyed the University's continued commitment and appreciation to Nursing Outreach students in Western Maryland.

Continuing Education

Continuing education events in Western Maryland were numerous this year thanks to the tremendous initiative and support of the caucuses, IHEC and community health professionals. Working closely with community agencies, regional educational institutions and hospitals, the AHEC provided seminars on timely health issues to health professionals, educators and health consumers.

A new era in long distance learning began in January when UMAB and the University of Maryland System used interactive video teleconferencing to link with health professionals in Western Maryland. This new technology allowed regional physicians, dentists, nurses, social workers and others to participate in more than 55 seminars at a major health science center without leaving rural Western Maryland. Interactive video will be an essential tool in outreach education and the continuing education of health professionals in nonmetropolitan areas. It will be used this Fall for a UMAB master's level social work class and Nursing Outreach classes in Western Maryland.

This also was a banner year for caucus coordinated CE programs. The Psychology Caucus cosponsored nine seminars in cooperation with Allegany Community College's Center for Continuing Education, Frostburg State University's Department of Psychology and/or the Maryland Psychological Association. *Trends and Issues Update in Psychology*, a professional development series of six seminars, included local psychologists among its presenters. The presenters donated their expertise to help the Psychology Caucus raise funds to sponsor future seminars. The design of the series has stimulated new perspectives toward CE planning throughout the area.

The Dental Caucus and Pharmacy Caucus coordinated CE programs dealing with infection control, periodontal disease and transdermal delivery systems. The Medical Caucus and UMAB conducted a CE seminar for medical preceptors on clinical preventive medicine. And, to raise community awareness of AIDS, the Center supported a visual arts exhibit and panel discussion at Frostburg State University entitled *Outcry/Artists Answer AIDS*.



HIV Disease, Infection Control and Regulatory Compliance in the Dental Office, a dental CE, was attended by 125 dentists, dental hygienists and dental assistants. Pictured are presenters: (left to right) Louis G. DePaola, DDS, MS, Mid-Atlantic AIDS Ed. and Training Ctr. and Balt. College of Dental Surgery, UMBC; Michael A. Ward, DDS, MPH, AIDS Hlth. Service and MD DHMH; Mary Catherine Barata, RDH, Balt. College of Dental Surgery, UMBC; Harry S. Goodman, DMD, MPH, MD DHMH; and seminar coordinators Timothy Longest, DDS, President of All./Gar. Co. Dental Society (AGCDS) and John S. Davis, DDS, CE Chairman of the AGCDS.

Seminars and demonstrations were coordinated through the Center's special projects: *Rural Training Initiatives in Adolescent Health*, *Educational Placement Initiatives to Support Rural Care*, the *Clinical Education Program*, and the *Western Maryland Outreach Pilot Project Continuation*. Working with the Adolescent Health Coalitions, Governor's Council on Adolescent Pregnancy, Interdepartmental Committees on Adolescent Pregnancy, educational agencies and county health departments, five seminars addressed adolescent health issues. The Outreach Pilot Project staff conducted GRATEFUL MED software demonstrations instructing health professionals on the use of the computer to search National Library of Medicine databases for health information. Clinical Education conducted weekly seminars for the students and interested health professionals. Presently, the Placement Initiatives staff is planning two major seminars for this Fall.

Continuing education programs will be a major emphasis in the coming fiscal year. Many of the caucuses are focusing on how to meet the CEU requirements for their professions without the additional burden of long distance travel. This topic is very timely as the regulations regarding CEUs for many of the professions becomes increasingly stringent.

Caucus Reports

Dental Caucus

John Davis, DDS

Provided preceptor services for two students from the Baltimore College of Dental Surgery/Dental School.

Prepared a geriatric dentistry program application for submission to the Federal AHEC Special Initiatives.

Cosponsored *Periodontal Disease Update 1992* with ACC, and arranged for availability of continuing education credits.

Cosponsored *HIV Disease, Infection Control and Regulatory Compliance in the Dental Office* seminar and arranged for CEUs.

Developed a plan for a seminar on periodontal disease to be conducted in October 1992.

Met with representatives of Baltimore College of Dental Surgery/Dental School to update geriatric dental program plan.

Reviewed an annual caucus plan for the IHEC.



Scott Pereles, UMAB ambulatory care student, observes as Anthony Bollino, MD examines a patient.

Medical Caucus

V. Raul Felipa, MD

Provided preceptor services for 22 medical students through the contributions of 30 physicians.

Recommended 9 preceptors for new UMAB appointments and promotions according to UMAB guidelines.

Promoted caucus member participation in continuing education events: *Clinical Preventive Medicine*, *Adolescent Medicine Update*, and *Role of the Primary Care Physician in Interviewing Adolescents*.

Provided speakers for adolescent health care training seminars for colleagues and other community health care professionals under the *Rural Training Initiatives in Adolescent Health*.

Supported the work of the Sacred Heart Medical Education Committee in organizing an area wide Symposium on Breast Cancer.

Developed letter of concern to UMAB regarding the status of primary care medical practice.

Decided to explore the feasibility of developing a community based rotating internship.

Reviewed recommendation on training from AIDS Task Force.

Revised annual caucus plan.

Examined a plan for recruitment of new medical preceptors.

Arranged for GRATEFUL MED demonstrations at both Memorial Hospital and Sacred Heart Hospital.

Nursing Caucus

Patricia Lund, EdD, RN

Conducted regular monthly caucus meetings.

Reviewed the impact of Health Care Policy Reform on nursing and nursing education and developed a plan to support awareness of current critical issues in nursing.

Revised mission functions statement and completed new annual caucus plan.

Received status reports on UMAB Nursing Outreach Programs.

Participated in the UMAB nursing alumni reception at the AHEC hosted by Dean Heller and several other School of Nursing representatives.

Reorganized a nursing recruitment program for area high school students.

Identified rehabilitation nursing, entry level OR nurses and nurse anesthetists as needed in the region and recommended that the HCOP and Placement programs include these fields in recruitment activities.

Sent a letter to 129 high school students who expressed interest in a nursing career and offered hospital tours.

Worked with the President of District I of the Maryland Nursing Association to develop a cooperative approach to area continuing education on critical issues.

Sent letters supporting school health services to the State Board of Education, DHMH, Governor Schaefer, local elected state legislative officials, county superintendents of schools and local health departments.



Jean Seifarth, MS, RN, of the Nursing Caucus, works with Betty Ramsey, Library Assistant in SHH's Library. The AHEC and area hospital libraries work together to provide health professionals with quick and easy access to medical information sources.



Dr. Howard Strauss demonstrates on Paul Dyer, during a Clinical Education interdisciplinary seminar. Scott Pereles and Seymour Williams look on. Dyer, Pereles, and Williams, UMAB medical students, completed ambulatory care rotations.

Pharmacy Caucus

Robert Martin, Jr., RPh

Provided preceptor services for 24 students from the UMAB, Duquesne, and West Virginia University Schools of Pharmacy.

Adopted a revised preceptor agreement between the AHEC and individual preceptor.

Assessed the need for more pharmacy preceptors, particularly for geropharmacy.

Provided input on the planning of UMAB interactive video seminars at Memorial Hospital.

Cosponsored *Transdermal Delivery Systems: Advantages, Disadvantages and Controversies* with the Allegany/Garrett Pharmacy Association and CIBA-GEIGY, and arranged for availability of continuing education credits.

Organized plans for GRATEFUL MED training for area pharmacists.

Participated in UMAB School of Pharmacy sesquicentennial celebration display at Country Club Mall in LaVale.

Offered caucus to act as advisory committee for ACC's pharmacy technician program and recommended offering an update course for certified pharmacy technicians.

Revised the caucus annual plan.



Tim Garten, UMAB pharmacy student, and his preceptor, Jeff Beck, RPh, Thrift Drug in LaVale.



Psychology Caucus members Lisa Morshead, EdD, and Mikal Crawford, EdD, presented a CE seminar called *Manifestation of Childhood Sexual Abuse in Adulthood*.

Psychology Caucus

James Orth, PhD

Surveyed area psychologists to develop a list of both continuing education needs and training resources.

Organized 9 CE events for psychologists in cooperation with Allegany Community College, Frostburg State University, and/or Maryland Psychological Association.

Established means of generating and maintaining funds for CE events and caucus activities.

Developed and adopted caucus bylaws, and established Executive, Training, and Membership Committees with regular meetings.

Reevaluated and revised membership criteria and mailing list.

Began professional networking with Laurel Mountains Psychological Assn., Greater Pittsburgh Psychological Assn., and Morgantown area psychologists.

Planned a cooperative training and social event for Fall 1992 with Laurel Mountains Psychological Assn.

Improved communication among academic and applied practitioners, and worked toward interdisciplinary efforts.

Completed a new annual caucus plan.

Endorsed the NLM Information Access Grant application, and structured availability of GRATEFUL MED training.

Social Work Caucus

Sylvia Vaught, RN, LCSW, ACSW

Submitted to UMAB a 26 page proposal for the establishment of a Western Maryland MSW program.

Made presentations on the Western Maryland MSW program to Dean Jesse Harris and Dr. Thomas Vassil of the School of Social Work and to President Errol Reese and Ernest Moreland, Vice President for Academic Affairs at UMAB during their visits to the AHEC.

Conducted regular caucus meetings which included a guest presentation by Michael Levitas, MD, *Talking with Adolescents about their Sexual History*.

Supported the organization of a Washington Co. Social Work Caucus.

Completed a new annual caucus plan.

Identified a need for more caucus outreach to local social workers and strengthening links to NASW.

Provided input in the planning of social work continuing education seminars offered as part of the UMAB-Cumberland Memorial Hospital Interactive Video Conference.

Received a report on new CE requirements for licensed social workers in Maryland.

Maintained an awareness of programs on accreditation for the FSU baccalaureate social work program.

Developed an Education Committee to address CEU planning.

Provided representation on the Allegany County Task Force on AIDS and the Adolescent Health Coalition.



Caucus Chair Sylvia Vaught, RN, LCSW, ACSW, discusses the proposal for Western Maryland MSW program with Dr. Ernest Moreland, UMAB VP for Academic Affairs, during his visit to the AHEC.

Program Profile

July 1, 1991 - June 30, 1992

Income

Maryland Statewide Medical Education and Training System	\$324,493
Health Careers Opportunity Program (Federal HCOP Grant): Eastern Alleghenies HCOP Program	69,340
Regional Medical Library Outreach Pilot Program Continuation	21,875
Health Professional Education Assistance (Federal AHEC Funds): Rural Training Initiatives in Adolescent Health	81,975
Health Professional Education Assistance (Federal AHEC Funds): Educational Placement Initiatives to Support Rural Care	98,817
Information Access Grant National Library of Medicine Grant:	<u>3,513</u>
Access Computer Technology/Information Outreach Network	\$600,013
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Line Item Expenditures

Personnel and Contractual Salaries	\$443,346
Communications	12,175
Printing and Supplies	20,880
Equipment and Equipment Contracts	6,520
Office Operations	28,293
Travel	14,504
Student Programs	69,095
Learning Resources	<u>5,200</u>
	\$600,013
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Expenditures by Functional Category

Placement Program Support	\$154,959
Adolescent Program Support	117,753
Career Recruitment	86,687
Clinical Education Program	82,130
Learning Resource Services	80,014
Administration - WM AHEC	24,553
Public Information	22,159
Continuing Education	10,638
Off-Campus Program Support	8,384
Board, IHEC, and Caucus Activity	6,747
Community Health Education	<u>5,989</u>
	\$600,013
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Directory

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Ambulatory Care
Dental
Health Education
Medical Technology
Nursing
Pharmacy
Physical Therapy
Primary Care
Social Work

Nursing Outreach Program Staff

Gail Mazzocco, EdD, RN
Mary Ann Bloom, MS, RN
Donna Walbert, MS, RN

Coordinator/Faculty Member
Faculty Member
Faculty Member

Maryland Statewide Medical Education & Training System

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Dean, UMAB School of Medicine

James I. Hudson, MD
Associate Dean for Administration,
UMAB School of Medicine
Project Director, Maryland AHEC Program

AHEC Staff

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Executive Director

D. Michele Beaulieu, RN
Library Associate

Deborah M. Bradley, MEd
HCOP Program Coordinator

Mary Clites
Custodian

Susan O. Davis, MEd
Adolescent Education Coordinator

Mary DeCarlo
LRC Volunteer

Robin M. Deter, AA
Bookkeeper

Suzanna S. Dotson, MEd
Health Careers Education Specialist/Program Associate

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Placement Program Specialist

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Learning Resource Services Coordinator

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