Association of American Medical Colleges
Annual Meeting
and
Annual Report
1987
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The Ninety-Eighth Annual Meeting


Theme: The Supply of Physicians: Toward a National Policy

Program Outlines

AAMC PLENARY SESSIONS

November 8
Presiding: John W. Colloton
Presentation of Abraham Flexner Award by W. Donald Wetson, M.D.
to Frederick C. Robbins, M.D.
Presentation of AAMC Research Award by Leon E. Rosenberg, M.D.
to Joseph Larner, M.D.
Presentation of Special Recognition Award by Robert G. Petersdorf, M.D., to John R. Hoggness, M.D., for his career of distinguished service to the medical profession, his advocacy for health professions education, and his leadership of the Association of Academic Health Centers.

Medical Education: Is It?
Edward J. Stemmler, M.D.
The Scylla and Charybdis of Medical Education
Robert G. Petersdorf, M.D.

November 9
Presiding: Edward J. Stemmler, M.D.
The Rising Physician Supply and the Pursuit of Better Health
Alvin R. Tarlov, M.D.

Dr. Tarlov presented the Alan Gregg lecture.

Supply and Demand: Lessons from Dental Medicine?
D. Walter Cohen, D.D.S.

On the Perennial Problem of America’s Physician Shortage
Uwe E. Reinhardt, Ph.D.
Dr. Reinhardt presented the John A. D. Cooper lecture.

November 10
Presiding: Edward J. Stemmler, M.D.
Congressional Concerns About Physician Supply
U.S. Senator Edward M. Kennedy

COUNCIL OF ACADEMIC SOCIETIES

November 9
Business Meeting
Presiding: Frank G. Moody, M.D.

COUNCIL OF DEANS

November 8

COD SPECIAL PROGRAM

The State of the Art in Clinical Competency Evaluation
Stephen Abrahamson, Ph.D.
Jack L. Maatsch, Ph.D.
The Status of the AIDS Epidemic
June Osborn, M.D.

November 9
Business Meeting
Presiding: Louis J. Kettel, M.D.
COUNCIL OF TEACHING HOSPITALS

November 9
Luncheon and Business Meeting
Presiding: Spencer Foreman, M.D.

General Session
AIDS: IMPORTANT LESSONS FOR TEACHING HOSPITALS
Presiding: J. Robert Buchanan, M.D.
Projecting Hospital Use by AIDS Patients
Michael H. Alderman, M.D.
The Emotional Impact of AIDS on Residents
R. Nathan Link, M.D.

ORGANIZATION OF STUDENT REPRESENTATIVES

November 6
Regional Meetings
Business Meeting
New Member Orientation: Getting the Most Out of OSR
Sarah Johansen
Kirk Murphy, M.D.
Wendy Pechacek
Workshops
Orientation to Career Decision-Making
Emmett Manley, M.D.
Norma Wagoner, Ph.D.
Franklin Williams
Joy of Medicine
Patch Adams, M.D.

Becoming an Influential Change Agent/Desert Survival Workshop
Leader: D. Daniel Hunt, M.D.
Facilitators: Cynthia Carlson
Vicki Darrow, M.D.
Jim McQuade, M.D.

Issues in Women Physicians’ Professional Development
Janet Bickel
Deborah Geer, M.D.
Linda Goldstein, M.D.
Ellen E. Wilson, M.D.

Communicating with Patients
Noel Chrisman, Ph.D.

November 7
PLENARY SESSION
Looking Ahead: Perceptions of a Physician’s Role in Society
Moderator: Vicki Darrow, M.D.
Panel: Noel Chrisman, Ph.D.
Charles E. Odegaard, M.D.
Victor W. Sidel, M.D.

Health Care for the Indigent
David Hilfiker, M.D.
Victor W. Sidel, M.D.

The Current Debate on Education and Training of Physicians: Supply, Demand and Opportunity
Kimberly Dunn
Sarah Johansen
Deborah M. Prout

Try to Love the Questions Themselves: Clinical Lessons from Creative Literature
Lou Borgenicht, M.D.
Kathryn Hunter, Ph.D.
Delese Wear, Ph.D.

Transition into Residency and Practice
Pamelyn Close, M.D.
David Nash, M.D.
Service
Daniel W. Morrissey

November 8
Workshops
Self-Directed Learning
Amy Justice
Changing the Medical School Curriculum
Deborah Capko
Thomas Sherman, M.D.

Influencing the Legislative Process
Mary Vistica, M.D.

Preventive Medicine in the Clinical Specialties
Moderators: Daniel Blumenthal, M.D.
Michael Pratt, M.D.
Panel: Joseph Barbaccia, M.D.
Robert C. Cefalo, M.D.
Alan Cross, M.D.
Richard Owen, M.D.

Regional Meetings
Business Meeting

AAMC SPECIAL GENERAL SESSION

November 9

Study of the Supply of Physicians: Works in Progress
Daniel C. Tosteson, M.D.
Neal A. Vanselow, M.D.

DEMONSTRATIONS OF AAMC DATA BASES

November 8 and 9

STUDENT AND APPLICANT INFORMATION MANAGEMENT SYSTEM
The AAMC's extensive data on medical school applicants and students form a comprehensive data base called the Student and Applicant Information Management System (SAIMS). The purpose of the system is to facilitate studies of trends in applicant and student characteristics and to assist member institutions with their own institutional studies.

INSTITUTIONAL PROFILE SYSTEM
The AAMC Institutional Profile System is a computer-based data storage, retrieval, and analysis system containing many variables on each U.S. medical school. It is used to provide annual ranking reports placing each school in a national context on a variety of measures of interest, and to serve the needs of the institutions, the Liaison Committee on Medical Education, and the AAMC for comparative institutional data.

Annual Meeting participants were invited to learn about these facilities. Services available to medical schools were described, and questions regarding utilization of the data were answered.

AAMC GOVERNMENT RELATIONS REPRESENTATIVES

November 9

THE CONGRESSIONAL AGENDA FOR HEALTH POLICY
Karen Nelson
Marina Weiss

AAMC WOMEN IN MEDICINE

November 8

PLENARY SESSION
Not Feminized but Humanized: Reflections on the Future of Women in the Profession
Introduction: Kim McKay Ringer
Moderator: Dona Harris, Ph.D.
Keynote Speaker: Regina Morantz-Sanchez, Ph.D.
Respondent: Marcelle Willock, M.D.

November 9

Discussion Groups
Promoting Academic Medicine as a Career to Minorities and Women
Concerns of the Single Woman in Medicine
Maternity/Parenting Leave Policies
Taking Better Care of Ourselves: Handling Stress and Anger at Work
Dealing with Role Conflicts

Women in Medicine Career Development Program
Moderator: Betsy Bennett, M.D.
Panelists: Nancy Gary, M.D.
           Amber Jones
           Carol Nadelson, M.D.

Women Liaison Officers Caucus
Presiding: Janet Bickel

Academic Women Chairmen Caucus
Presiding: Lois A. Monteiro, Ph.D.
November 10
Women in Medicine Luncheon
Introduction: D. Kay Clawson, M.D.
Keynote Speaker: U.S. Senator Nancy Landdon Kassebaum

GROUP ON BUSINESS AFFAIRS
November 9
Regional Meetings
National Business Meeting
November 10
NATIONAL PROGRAM
Joint Ventures: New Directions for the Academic Medical Center
Kenneth Kaufman
Augustus J. Carroll Memorial Lecture
Problems for Which There Are No Easy Solutions
Jack N. Lein, M.D.
Structuring a Sound Joint Venture—Legal, Tax, and Management Considerations
Richard Freeman, J.D.

GROUP ON FACULTY PRACTICE
November 10
LOOKING AT PHYSICIAN PAYMENT: OPTIONS AHEAD
Moderator: Glenn T. Hammons, M.D.
Categorizing Ambulatory Visits
Robert B. Fetter
Setting Prices Using Resource-Based Relative Value Units
Edmund R. Becker, Ph.D.
Organizational Session

GROUP ON INSTITUTIONAL PLANNING
November 9
Regional Meetings
National Business Meeting

November 10
THE GRAYING OF AMERICA: CHALLENGES FACING ACADEMIC MEDICINE
Moderator: John Eudes
Training for Geriatrics Leadership: The Challenge of Our Time
T. Franklin Williams, M.D.
Bioethical Perspectives on an Aging America: Academic Medicine in the Spotlight
Kevin O'Rourke
Planning for a Research Center on Aging: A Unique Opportunity
David Ramsey, M.D.

GROUP ON PUBLIC AFFAIRS
November 8
ALUMNI/DEVELOPMENT BREAKFAST PROGRAM
Moderator: Marcy Seligman Roberts
The Challenges of Cooperation in a Time of Competition
Edward J. Stemmler, M.D.
GPA GENERAL SESSION
Moderator: Lillian F. Blacker
Introduction: Virginia V. Weldon, M.D.
American Medical Schools: Challenges and Responses
Raymond H. Witcoff
Introduction: Sally Howard
Medical Education: Room for Improvement
Sidney Wolfe, M.D.
DEVELOPMENT LUNCHEON PROGRAM
Moderator: David W. Canfield
Dealing Successfully with Intra-Institutional Relations
Robert M. Heyssel, M.D.

TABLE TOPICS
Marketing by Direct Mail
Janet Norton
Where to Start With Desk-Top Publishing
Dana Cook-Grossman
Bill Glance
Media Opinion Surveys
Stephen C. Stuyck
Enhancing Public Relations' Role in Institutional Management
Joe Sigler
Electronic News Releases
Don Clayton
Steve Kraushaar
Speakers Bureaus/Tour Programs
Kay Rodriguez
Accessing the National Media
Elaine Freeman
The Medical School and Its Departments
Jane G. Ferrell
Maintenance of Alumni Records
Kathe Crowley
Small Shop: Alumni and/or Development Programs from Zero
Susan Craig
Patricia Maxwell
The Medical School and Its Affiliated Hospitals
Richard Heysek
Strategies for Solicitation of Parents
Kathryn M. Heath
Elizabeth Waters
Class Reunion and Endowment Programs
M.C. Beckham
Janet Waxman
Reunion Programming
Barbara T. Blough
Bunny Leitch

November 9

GPA BREAKFAST PROGRAM
Moderator: Leslie F. Wilson
Beyond Alumni Programs and Annual Giving Campaigns: The Challenges and Opportunities of Our Other Constituents
James L. Copeland

GPA AWARDS LUNCHEON
Moderator: D. Gayle McNutt

GPA BUSINESS MEETING
Presiding: Arthur M. Brink

ALUMNI PROGRAMS

Moderator: Nancy Groseclose
Alumni Publications Panel
Sondra Ives
Robert Neal
Ellen Soo Hoo
Moderator: Marcy Seligman Roberts
Programming for Students, Recent Graduates and House Staff (GME) Alumni
Mary Sue Cheeseman
Michael Cowen
Linda Weissegger Zuber

DEVELOPMENT PROGRAMS
Moderator: Arthur M. Brink
Extended Family: Developing New Donors
Richard D. Griffin
Henry V. Lion
Untapped Potential: Grateful Patients
Jay Frey
Carol Salguero
Moderator: Carolyn Tinker
Alumni/Development Caucus
David W. Canfield
Jean D. Thompson

PUBLIC RELATIONS PROGRAMS
Moderator: D. Gayle McNutt
The State of Knowledge of AIDS: What Next?
James Curran, M.D.
New Technology in Communications: The Future
Laurence Moskowitz

POSTER DISPLAY
Coordinator: Elaine Freeman

November 10

PUBLIC RELATIONS PROGRAMS
Moderator: Gregory Graze
Marketing Research: How To Do It
Bettina Kurowski
Interpreting and Using Market Research Results
Bob Reisner
November ON STUDENT AFFAIRS

November 9

Admissions
Sharpening the Admissions Process: Various Approaches
Moderator/Presenter: Robert I. Keimowitz, M.D.
Presenters: Frances R. Hall
Karen J. Mitchell, Ph.D.
Larry Sachs, Ph.D.

Financial Assistance
MEDLOANS: A Blueprint for Action
Moderator: Robert L. Beran, Ph.D.

Panel: Robert Colonna
Henry Howard
Kevin Moehn

Student Affairs
NRMP '88: Preparing for the Future
John S. Graettinger, M.D.

GSA PLENARY SESSION
Institutional Survival Versus Social Responsibility: Finances as a Driving Force
Edward N. Brandt, Jr., M.D.

November 10

GME/GSA PLENARY SESSION
Results of the Field Test of Computer Based Testing—Plans for Future Development and Implementation
Moderator: Gerald H. Escovitz, M.D.

Keynote Speaker: Robert L. Volle, Ph.D.
Reactors: Clayton Ballantine
Fredric D. Burg, M.D.
Henry M. Seidel, M.D.

November 11

Admissions
Declining Applicant Pool: Where Do We Go From Here?
August G. Swanson, M.D.

Admissions/Financial Assistance
“Prometheus Bound”
Panel: Teddie Milner
J. Robert Suriano, Ph.D.
Charles Terrell

Student Affairs
The Theory and Practice of Medical Student Career Advising
Speakers: Kim Dunn
Grant D. Miller, M.D.
Linda Z. Nieman, Ph.D.

Student Affairs
What My Institution Didn’t Tell Me and I Didn’t Know To Ask: PGY1
Moderators: Carol A. Aschenbrener, M.D.
Mary Jo Miller

Financial Assistance
Institutional Survival Versus Social Responsibility: Finances as a Driving Force—A Follow Up
Moderator: Frances R. Hall
Discussants: Robert L. Friedlander, M.D.
Richard D. Mumma, Jr., D.D.S.
1987 AAMC Annual Meeting

Financial Assistance
Bartering, Bargaining, and Cajoling: The "Entitled" Student
Ruth Beer Bletzinger
Steven L. Dubovsky, M.D.
Pearl P. Rosenberg, Ph.D.

Admissions
MCAT Format and Content Review
Karen J. Mitchell, Ph.D.
Richard L. O'Brien, M.D.

Student Affairs
Review of November 1 Dean's Letter Release Date
Robert L. Beran, Ph.D.

Admissions/Minority Affairs Section
Success Factors in Minority Student Matriculation
Moderator: Leonard E. Lawrence, M.D.
Panel: Margie Beltran
Daniel A. Burr, Ph.D.
Cynthia G. Tudor, Ph.D.
Maggie S. Wright, Ph.D.

GSA-MINORITY AFFAIRS SECTION
November 8
Minority Student Medical Career Awareness Workshop
Critical Financial Issues in Minority Medical Education and Private Practice
Moderator: Anthony Clemendor, M.D.
Panel: Valentine Burroughs, M.D.
Arthur Davidson, M.D., J.D.
Charles Terrell

November 9
Regional Meetings
Business Meeting

GME/MAS Special Session
Doctor/Patient Relationship as a Curriculum Issue
Moderator: Jane Thomas, Ph.D.
Panel: Philip Bashook, Ed.D.
Raquel Bauman, Ed.D.
John Yergan, M.D.

November 10
Minority Affairs Program
Minorities in Medical Education: Time for Reaffirmation
U.S. Representative William H. Gray, III

November 11
Research Forum
Moderators: Margie Beltran
Scharron Laisure, Ph.D.
Racial Minority Performance on the Medical College Admission Test Essay
Pamela J. Brown
Karen Mitchell, Ph.D.

Relationship of Students' Perceptions on Academic Performance
Henry T. Frierson, Jr., Ph.D.
Change in the Minority Student Applicant Pool, 1981-1986
Wendy L. Luke

Prediction and Prevention of National Board Part 1 Failures
John Yergan, M.D.

Ethics, Race and Culture: the 90s
Moderator: Bruce Ballard, M.D.
Presenter: Alvin F. Poussaint, M.D.
Panel: Alonzo C. Atencio, Ph.D.
Christopher Edwards
Kimberly Parker
Hibbard E. Williams, M.D.

GSA/MAS Methods in Medical Education Research
Moderator: Fernando Mendoza, M.D.
Panel: Paul Jolly, Ph.D
Stephen N. Keith, M.D.
William E. Sedlacek, Ph.D.
NEW DIRECTIONS FOR THE JOURNAL OF MEDICAL EDUCATION
Discussion Leaders:
L. Thompson Bowles, M.D.
Robert G. Petersdorf, M.D.

GROUP ON MEDICAL EDUCATION

GME MINI-WORKSHOPS
THE PROCESS APPROACH: AN ALTERNATIVE TO CONTENT TUTORING
Organizer: Norma E. Wagoner, Ph.D.
Faculty: Dorothy H. Air, Ph.D.
Carol Banks Setter, Ph.D.

INTERN PROGRESS NOTE: A RESPONSE TO THE STRESS OF INTERNSHIP
Organizer: Rita Charon, M.D.
Faculty: Phil Muskin, M.D.

STRATEGIC PLANNING IN ACADEMIC MEDICINE: LEADING SUCCESSFULLY IN THE NEW ERA OF MEDICINE
Organizer: Leslie S. Jewett, Ed.D.
Faculty: Christine M. Swearington

CONFIDENCE TESTING IN MEDICAL EDUCATION
Organizer: Robert S. Blacklow, M.D.
Faculty: Mohammadreza Hojat, Ph.D.
Robert Rippey, Ph.D.
John Thornborough, Ph.D.
Carter Zeleznik, Ph.D.

THE ROLE OF FACULTY IN CAREER COUNSELING OF MEDICAL STUDENTS AND PLANNING THE FOURTH YEAR OF SCHOOL
Organizer: Larrie W. Greenberg, M.D.
Faculty: Jean Cook, M.D.
Jon O'Brien, D.O.

HOW WELL DO FACULTY MEMBERS ASSESS CLINICAL COMPETENCE AND CAN THEY BE TAUGHT TO DO IT BETTER?
Organizer: Gordon L. Noel, M.D.
Interdisciplinary Health Education  
Resource: Marjorie Sirridge, M.D.  
EDUCATIONAL SUPPORT SYSTEMS FOR STUDENTS  
Resource: Michael O’Donnell, Ph.D.  
APPROACHES TO PROBLEM BASED LEARNING  
Resource: Phyllis Blumberg, Ph.D.  
APPROACHES TO THE DEVELOPMENT AND ASSESSMENT OF DESIRABLE PERSONAL QUALITIES, VALUES AND ATTITUDES  
Resource: John Markus  
INSTRUCTIONAL DESIGN OR EVALUATION OF RESIDENCY PROGRAMS  
Resource: James Shumway, Ph.D.  
APPROACHES TO CLINICAL EDUCATION IN THE AMBULATORY CARE SETTING  
Resource: Thomas O. Stair, M.D.  

November 11  
GME SMALL GROUP DISCUSSIONS:  
THE DEVELOPMENT AND USE OF MINIMUM COMPETENCY GUIDELINES TO ASSESS CLINICAL COMPETENCY DURING REQUIRED THIRD YEAR CLERKSHIPS  
Moderator: Gail Morrison, Ph.D.  
Panel: Susan Day, M.D.  
HELPING STUDENTS PREPARE FOR NATIONAL BOARDS: SHOULD IT BE DONE AND CAN WE DO IT?  
Moderator: Michael J. O’Donnell, Ph.D.  
Panel: Richard M. Hyde, Ph.D.  
    Grant Miller, M.D.  
    Joe S. Reyes, Jr.  
COMPUTER-AIDED LEARNING: PRESENT STATUS AND PROPOSED METHODS TO ENCOURAGE FUTURE GROWTH  
Moderator: Abdulla M. Abdulla, M.D.  
Panel: Charles Friedman, Ph.D.  
    William Harless, Ph.D.  
PROMOTING CURRICULUM CHANGE IN TRADITIONAL SCHOOLS  
Moderator: Terrence T. Kuske, M.D.  
Panel: Glenn A. Fleming, Ed.D.  
    Roy K. Jarecky, Ed.D.  
LEARNING STYLES AND LEARNING PREFERENCES IN MEDICAL EDUCATION  
Moderator: Agnes G. Rezler, Ph.D.  
Panel: Louise Arnold, Ph.D.  
    Larrie Greenberg, M.D.  
EVALUATING CURRICULAR INNOVATIONS: WHY BOTHER?  
Moderator: W. Dale Dauphinee, M.D.  
Panel: Janine C. Edwards, Ph.D.  
    Paula Stillman, M.D.  
    Christel A. Woodward, Ph.D.  
HONORS ENRICHMENT PROGRAM  
Moderator: Gregory L. Trzebiatowski, Ph.D.  
Panel: Gerald M. Cerchio, M.D.  
DEVELOPING CLINICAL REASONING SKILLS IN THE PRECLINICAL YEARS  
Moderator: Peter G. Price, M.D.  
Panel: Peter Harasym, Ph.D.  
    Stewart Mennin, Ph.D.  
CURRENT RESEARCH REGARDING SHIFTS IN CAREER CHOICE AND EVENTUAL SELECTION  
Moderator: Linda Z. Nieman, Ph.D.  
Panel: Gloria Bazzoli, Ph.D.  
    Robert Geertsma, Ph.D.  
    George H. Zimny, Ph.D.  
BEHAVIORAL STANDARDS FOR MEDICAL STUDENTS  
Moderator: Nancy Solomon, M.D.  
Panel: Carol Aschenbrener, M.D.  
INDEPENDENT STUDY EDUCATION  
Moderator: Robert G. Brigham, Ph.D.  
Panel: Richard Nuenke, Ph.D.  
    Howard Stone, Ph.D.  
HOW TO EVALUATE AND MEASURE THE NON-COGNITIVE ASPECTS OF CLINICAL COMPETENCE IN MEDICAL STUDENTS AND RESIDENTS  
Moderator: Daniel Frank, M.D.  
Panel: Ian Hart, M.D.  
    Robert Keimowitz, M.D.  
    Grant Miller, M.D.  
    James Woolliscroft, M.D.  
ENHANCING THE TEACHING EFFECTIVENESS OF STUDENTS AND RESIDENTS  
Moderator: Murray Kappelman, M.D.  
Panel: Marguerite Moran, M.D.  
    Jack Mason, Ph.D.
VISITING STUDENTS FROM NON-LCME MEDICAL SCHOOLS
Moderator: Lynn Seng
Panel: Jean Burns
   Mary E. Foley
   Dorothy Rackemann
THE CHALLENGING LEARNER
Moderator: Tracy Veach, Ph.D.
Panel: Ron Franks, M.D.
   Clyde Tucker, M.D.
TEACHING BY ATTENDING PHYSICIANS
Moderator: Donn Weinholdt, Ph.D.
Panel: Debra A. DaRosa, Ph.D.
   Larrie W. Greenberg, M.D.
   William D. Mattern, M.D.
   Kelly M. Skeff, M.D.
SCORING CLINICAL SIMULATIONS: IN SEARCH OF A GOLD STANDARD
Moderator: Fredric M. Wolf, Ph.D.
Panel: Geoffrey R. Norman, Ph.D.
   Nancy S. Palchik, Ph.D.
   David B. Swanson, Ph.D.
COMPUTER BASED EVALUATION SYSTEMS OF CLINICAL SKILLS
Moderator: William Schwartz, M.D.
Panel: William Staples, M.D.
November 11
RIME CONFERENCE
PAPER SESSIONS
HEALTH PROMOTION AND DISEASE PREVENTION
Moderator: Victor Neufeld, M.D.
Discussant: Alan Cross, M.D.
Teaching Behavioral Counseling Skills: Effectiveness of Patient Instructors Compared to Lecture Format
Jeffrey C. Levenkron, Ph.D., et al.
A Controlled Trial of Strategies to Improve Delivery of Preventive Care
Barbara Turner, M.D.
The Impact of a Continuing Education Package for Smoking Cessation on Physicians' Clinical Behavior and Patient Smoking
Elizabeth Lindsay-McIntyre, Ph.D., et al.
ISSUES IN PRACTICE AND LEARNING
Moderator: Elizabeth Alger, M.D.
Discussant: Wayne Putnam, M.D.
Comparisons of Male and Female Physicians on Their Practice Patterns, Professional Activities, and Perception of Professional Problems
Mohammadreza Hojat, Ph.D., et al.
Evaluation of Two Interventions To Improve Physician Diagnostic Accuracy in Recognizing Glaucomatous Changes of the Optic Disk
Learning Preferences in Academic Medicine, Practice and Research Career Paths
PREDICTION STUDIES
Moderator: Deborah Simpson, Ph.D.
Discussant: Charles P. Friedman, Ph.D.
A Study of Errors Attributable to Use of NBME Part I Scores for Residency Selection Process
Reed G. Williams, Ph.D., et al.
The Old and New MCAT as Predictors of Student Clinical Performance
Mark A. Albanese, Ph.D., et al.
The Validity of Part III of the National Board Examination
Jon J. Veloski, Ph.D., et al.
COGNITION
Moderator: Fredric Wolf, Ph.D.
Discussant: Arthur Elstein, Ph.D.
Metacognitive Factors Affecting Performance on MCAT Skills Analysis: Reading Practice Passages
Evelyn Jackson, Ph.D., et al.
Expert-Novice Differences in Recall of Clinical Data: Resolution of a Paradox
Geoffrey Norman, Ph.D., et al.
Measurement Characteristics of Cognitive Probes
Geoffrey Norman, Ph.D.
RESIDENCY EVALUATION
Moderator: Frank Calia, M.D.
Discussant: John Littlefield, Ph.D.
Performance of Caribbean Medical School Graduates on the American Board of Internal Medicine Certifying Examinations, 1984-1986
Evaluation of a Teaching Skills Improvement Program for Residents
Clinical Performance Examinations for Residents in Two Specialties: Feasibility Study
John S. Lloyd, Ph.D., et al.
CME AND QUALITY CARE
Moderator: Harold Paul, M.D.
Discussant: Phil Bashook, Ph.D.
The Use of Clinical Recall Interviews as a Method of Determining Needs in Continuing Medical Education
John Parboosingh, M.D., et al.
Contribution of Education to Effective Care of Health Maintenance Needs, Low Back Pain, Abdominal Pain, and Systemic Hypertension
Physicians’ Management of Hypertension: A Randomized Controlled CME Trial
David S. Gullion, M.D., et al.

November 11
RIME CONFERENCE—SYMPOSIA
WHAT WORKS: TOWARD A META-EVALUATION OF INNOVATIVE PROGRAMS
Organizer/Moderator: Christine McGuire
Panel: Tamas Fulop, M.D.
    Arthur Kaufman, M.D.
    Ronald W. Richards, Ph.D.
EDUCATION ORGANIZATIONS IN MEDICAL SPECIALTIES: AN IDEA WHOSE TIME HAS COME?
Organizer: Philip L. Liu, M.D.
Moderator: William D. Deal, M.D.
Panel: Richard M. Bell, M.D.
    Philip L. Liu, M.D.
    Eleanor Wallace, M.D.
CURRENT MODELS OF CLINICAL REASONING:
IMPLICATIONS FOR MEDICAL TEACHING
Organizers: Geoffrey R. Norman, Ph.D.
            Vimla L. Patel, Ph.D.
Moderator: Eta S. Berner, Ed.D.
Panel: Caryn Christensen, Ph.D.
        Arthur S. Elstein, Ph.D.
        Geoffrey R. Norman, Ph.D.
        Vimla L. Patel, Ph.D.
STUDIES OF PHYSICIAN GRADUATES FOR THE EVALUATIONS OF MEDICAL EDUCATION PROGRAMS
Organizer: Betty Hosmer Mawardi, Ph.D.
Moderator: David B. Reuben, M.D.
Panel: Louise Arnold, Ph.D.
        Donald R. Brown, Ph.D.
        Christel A. Woodward, Ph.D.
IMPROVING CLINICAL PERFORMANCE ASSESSMENT: A MULTI-INSTITUTIONAL TRIAL OF THE OSCE
Organizer/Moderator: Emil R. Petrusa, Ph.D.
Panel: Thomas Blackwell, M.D.
        Jan Carline, Ph.D.
        Romulo Colindres, M.D.
        Terrill A. Mast, Ph.D.
        William McGaghie, Ph.D.
        Emil R. Petrusa, Ph.D.
        Paul Ramsey, M.D.
        Norman G. Soler, M.D.
Respondent: Paula L. Stillman, M.D.
SUBSTANCE USE AND ABUSE AMONG MEDICAL STUDENTS
Organizer/Moderator: DeWitt C. Baldwin, Jr., M.D.
Panel: Karl Achenbach, Ph.D.
        Edward J. Eckenfels
        Beverley D. Rowley, Ph.D.

November 11
RIME FIFTH ANNUAL INVITED REVIEW
CLINICAL DECISION MAKING: THEORY AND SCIENCE
Speaker: Stephen Pauker, M.D.
Respondent:
Charles P. Friedman, Ph.D.
Moderator: Murray M. Kappelman, M.D.

RIME ROUNDTABLE DISCUSSIONS
Research on Medical Ethics
Hosted by: Linda Blank

Population-Based Health Issues and Curriculum
Hosted by: Victor Neufeld, M.D.

International Experiences in Medical Education Innovation
Hosted by: Richard Martenson, Ph.D.

Gaining Faculty Involvement in Problem-Based Curricula
Hosted by: Stewart Mennin, Ph.D.

Education in the Ambulatory Care Setting
Hosted by: Terrill A. Mast, Ph.D.

Changing Priorities in Research in Medical Education
Hosted by: Christine McGuire

Implications of the Changing Applicant Pool
Hosted by: Robert Suriano, Ph.D.

November 12

RIME ROUNDTABLE DISCUSSIONS
Research on Medical Ethics
Hosted by: Janet Bickel

Population-Based Health Issues and Curriculum
Hosted by: Elizabeth Alger, M.D.

International Experiences in Medical Education Innovation
Hosted by: Grahame Feletti, Ph.D.

Gaining Faculty Involvement in Problem-Based Curricula
Hosted by: LuAnn Wilkerson, Ed.D.

Education in the Ambulatory Care Setting
Hosted by: James Woolliscroft, M.D.

Changing Priorities in Research in Medical Education
Hosted by: Wayne K. Davis, Ph.D.

Implications of the Changing Applicant Pool
Hosted by: Cynthia Tudor, Ph.D.

November 12

RIME CONFERENCE—PAPER SESSIONS
TEST SCORING AND ANALYSIS
Moderator: Jack Maatsch, Ph.D.
Discussant: David B. Swanson, Ph.D.

Measurement of Certainty in Medical School Examination: A Pilot Study of Non-Cognitive Dimensions of Test-Taking Behavior
Carter Zeleznik, Ph.D., et al.

Scoring of a Computerized Patient Simulation: A Validation Study
Vincent A. Fulginiti, M.D., et al.

INSTRUCTION IN AMBULATORY SETTINGS
Moderator: Richard Gallagher, Ph.D.
Discussant: William Mattern, M.D.

A Survey of Undergraduate Internal Medicine Education in Ambulatory Settings
Joan Feltovich, et al.

Ambulatory Education for Third Year Students in the Department of Internal Medicine
Michael Ainsworth, M.D., et al.

CAREER CHOICES
Moderator: Roy Jarecky, Ed.D.
Discussant: Louise Arnold, Ph.D.

A Tale of Two Cities—A Cohort of Students in Two Contrasting Medical Schools and the Development of Their Attitudes Toward Family Medicine and Their Interest in a Career in the Specialty
Richard Wakeford

The Effects of a Selective Medical School Admissions Policy on Increasing the Number of Family Physicians in Rural and Physician Shortage Areas
Howard K. Rabinowitz, M.D.

STUDENT RATINGS OF RESIDENTS AND ATTENDINGS
Moderator: Craig Scott, Ph.D.
Discussant: Mark Albanese, Ph.D.

One Dimension or Many? The Construct Validity of Student Ratings of Instruction
Mary Pat Mann
Differential Evaluations of House Officers, Senior Residents, Preceptors, and Attendings by Junior Medical Students
Michael Donnelly, Ph.D., et al.

ISSUES IN CURRICULUM PROCESS
Moderator: Paul Grover, Ph.D.
Discussant: Fred Burg, M.D.
Student Ratings of Clerkship Activities as a Basis for Curriculum Modification: A Four Year Comparison of Six Departments
Joseph F. Rodgers, M.D., et al.

Question of Philosophy, Organization and Function of Medical School Curriculum Committees
William D. Hendricson, et al.

INFORMATION TRANSFER AND COMPUTER TECHNOLOGY IN MEDICAL EDUCATION
Moderator: George Nowacek, Ph.D.
Stalking the Wild Asparagus: Learning Neuroanatomy Using An Interactive Videodisc System
John Nolte, Ph.D., et al.
Teaching Fundamental Electrocardiography to Medical Students: Computer-Assisted Learning Compared with Weekly Seminars
Information Seeking Strategies and Treatment Decision Making
Larry Gruppen, Ph.D., et al.
Practicing Physician Access to Biomedical Knowledge: A National Study
Kathleen L. Egan, Ph.D.

STUDENT PERFORMANCE
Moderator: Larry Goodman, M.D.
Discussant: Abdul Sajid, Ph.D.
What Do Second Year Students Ask in the Sexual History? Observations from an Objective Structured Clinical Examination
Margretta Diemer, M.D., et al.
Standards for Medical Student Interviewing Using ISIE-81 Interaction Analysis
Bryce Templeton, M.D., et al.
A Biopsychosocial Model to Explain Personal Sources of Medical Student Distress
Peter P. Vitaliano, Ph.D., et al.

RIME CONFERENCE SYMPOSIA
IMPACT OF THE HIV EPIDEMIC ON MEDICAL EDUCATION: TEACHING DOCTORS ABOUT AIDS
Organizer/Moderator: Barbara Gerbert, Ph.D.
Panel: David Altman, M.D.
Robert Beran, Ph.D.
Harvey Makadon, M.D.

LEADERSHIP DEVELOPMENT FOR ACADEMIC MEDICAL CENTERS
Moderator: Ronald W. Richards, Ph.D.
Organizers: Thomas Loesch
Ronald W. Richards, Ph.D.
Marijo Wunderlich
Panel: Peter Vaill
W. Donald Weston, M.D.
Marjorie P. Wilson, M.D.

PATIENT EDUCATION: CLINICAL APPLICATIONS IN MEDICINE
Organizer/Moderator: Larrie W. Greenberg, M.D.
Panel: Edward Bartlett, Dr.P.H.
Neal D. Kaufman, M.D.
Pat Mullen, Dr.P.H.

November 12

GME MINI-WORKSHOPS
SELECTING AND INTERVIEWING RESIDENCY APPLICANTS
Organizer: Richard K. Spence, M.D.
Faculty: Ronald Cody, Ed.D.
David Cole, Ed.D.
William G. DeLong, M.D.
James M. Hassett, M.D.
Richard K. Spence, M.D.

DEVELOPING CASE MATERIALS TO ASSESS AND TEACH CLINICAL JUDGMENT IN MEDICINE
Organizer: John D. Engel, Ph.D.
Faculty: John D. Chovan,
Anthony LaDuca, Ph.D.

HELPING STUDENTS IN ACADEMIC DIFFICULTY
THE SUCCESSFUL ACADEMICIAN: THE ESSENTIAL SKILLS AND HOW TO ACQUIRE THEM
Organizer: Carole J. Bland, Ph.D.
Faculty: John J. Aluise, Ph.D.
Carole J. Bland, Ph.D.
Rebecca C. Henry, Ph.D.
Constance C. Schmitz
Frank T. Stritter, Ph.D.

EVALUATING AND REWARDING EXCELLENCE IN TEACHING IN MEDICAL EDUCATION PROGRAMS
Organizer/Faculty: Howard L. Stone, Ph.D.

COMPUTERS IN CLINICAL TEACHING: A HANDS-ON EXPERIENCE WITH SOFTWARE PROGRAMS AND DEVELOPMENT OF STRATEGIES FOR IMPLEMENTATION
Organizer: Dennis Baker, Ph.D.
Faculty: Dennis Baker, Ph.D.
Bobbi Conliffe
Glenn Iben, M.D.
John Monk, Ph.D.

HOW TO DEVELOP A FOURTH YEAR PERFORMANCE ASSESSMENT
Organizers: Paula L. Stillman, M.D.
David B. Swanson, Ph.D.
Faculty: Joel Feinblatt, Ph.D.
John McCahan, M.D.
Steve Smith, M.D.
Janice Willms, M.D.

MEDICAL STUDENTS’ APPROACHES TO LEARNING
Organizer: Grahame Feletti, Ph.D.
Faculty: Grahame Feletti, Ph.D.
Dick Martenson

November 12

GME SMALL GROUP DISCUSSIONS
PREPARING FACULTY TO GIVE EFFECTIVE FEEDBACK
Moderator: LuAnn Wilkerson, Ed.D.

DOCUMENTATION OF TEACHING FOR PROMOTION AND TENURE
Moderator: Fredric D. Burg, M.D.
Panel: Michael Cancro, M.D.
Giuseppe G. Pietra, M.D.

DRUG ABUSE AMONG MEDICAL STUDENTS: SHOULD WE TEST?
Moderator: Kenneth Tardiff, M.D.
Panel: Linda D. Lewis, M.D.
Barry Stimmel, M.D.

STUDENT NOTETAKING AND ACADEMIC PERFORMANCE
Moderator: Lloyd A. Lewis, Ph.D.
Panel: Barbara M. Jarecky
Lloyd A. Lewis, Ph.D.
Eric Silverman

COMPUTERIZED CLINICAL SIMULATIONS IN THE NBME PART III EXAMINATION
Moderator: Donald E. Melnick, M.D.
Panel: Stephen G. Clyman, M.D.
Ellen R. Julian, Ph.D.
Thomas E. Piemme, M.D.

INSTRUCTION AND ASSESSMENT OF INTERVIEWING AND COMMUNICATION SKILLS THROUGHOUT MEDICAL TRAINING
Moderator: Carol S. Hasbrouck
Panel: J. Gregory Carroll, Ph.D.
Carol S. Hasbrouck
Mack Lipkin, Jr., M.D.
Dennis H. Novak, M.D.

A FOUR-YEAR GERIATRICS CURRICULUM: A MINORITY REPORT FROM THE TECHNOCRATS
Moderator: Joel Posner, M.D.
PATIENT-CENTERED MEDICAL EDUCATION USING INTERACTIVE VIDEODISC TECHNOLOGY: A REPORT OF A FIELD TEST
Moderator: William G. Harless, Ph.D.
Panel: William Ayers, M.D.
Jerome R. Berman, M.D.
Robert C. Duncan, Ph.D.
Henry S. Pohl, M.D.

INNOVATIONS IN MEDICAL EDUCATION EXHIBITS
November 9, 10, and 11

INSTRUCTIONAL DESIGN OR EVALUATION OF INTRODUCTION TO CLINICAL MEDICINE COURSES

A PERFORMANCE-BASED PROGRAM TO TEACH PATIENT CARE SKILLS
Paul J. Rutala, M.D., et al.

HUMAN SEXUALITY: A COMPONENT OF INTRODUCTION TO CLINICAL MEDICINE
S. S. Matthes, et al.

ICM: THREE INNOVATIVE WORKSHOPS IN PREVENTIVE MEDICINE
Susan L. Rattner, M.D., et al.

THE TRAINING AND USE OF NONMEDICAL PERSONNEL TO EVALUATE THE CLINICAL SKILLS OF FIRST- AND SECOND-YEAR MEDICAL STUDENTS
John Tripp, M.D., et al.

STUDENT PANELS: AN EXPERIENTIAL APPROACH TO TEACHING ETHICS IN THE FIRST YEAR CURRICULUM
J. P. Pennell, et al.

AN EXPERIENTIAL APPROACH TO LEARNING THE PSYCHOSOCIAL DIMENSIONS OF ADDICTION
A. Flipse-Gerber, et al.

AN HMO-BASED TWO-YEAR INTRODUCTION TO CLINICAL MEDICINE COURSE INTEGRATING THE BASIC SCIENCES, SOCIAL, BEHAVIORAL AND QUANTITATIVE SKILLS
G. T. Moore, M.D.

X-RAY MAGIC, TRICKS FOR TEACHING BASIC PRINCIPLES
E. Pantoja, et al.

LECTURES ON CLINICAL DENTISTRY TO SOPHOMORE MEDICAL STUDENTS

CREATING TEACHING TAPES FOR INTERVIEWING
John F. McCahan, et al.

QUALITY CONTROL IN A MULTI-SITE ICM COURSE
Mark S. Kushner, M.D., et al.

FIRST-YEAR MEDICAL STUDENT PROJECTS: YEAR II
John E. Fryer, M.D.

INSTRUCTIONAL DESIGN OR EVALUATION OF BASIC SCIENCE COURSES

ANALYZING CURRICULUM VIA MICROCOMPUTER

PROCESS OF CURRICULUM DEVELOPMENT IN THE BASIC SCIENCES

SYSTEMATIC CURRICULUM REVIEW

INSTRUCTIONAL DESIGN OR EVALUATION OF CLINICAL CLERKSHIPS

A PROBLEM-BASED CURRICULUM FOR PEDIATRIC UNDERGRADUATE EDUCATION
Stephen H. Sheldon, D.O.

DEVELOPING LEARNING GOALS FOR UNDERGRADUATE ANESTHESIA EDUCATION
Frederick Campbell, M.D., et al.

TOPICS IN ADVANCED MEDICAL VIROLOGY: THE DEVELOPMENT OF A NEW PERSPECTIVE FOR SENIOR MEDICAL STUDENTS
Roger W. Koment, Ph.D.

QUANTITATIVE STUDIES OF REQUIRED JUNIOR CLERKSHIPS AT ORAL ROBERTS UNIVERSITY SCHOOL OF MEDICINE
C. L. Bottoms, et al.

THE CLINICAL EDUCATION OF MEDICINE I CLERKS
P. Hering, M.D., et al.
A MODEL FOR SELF-DIRECTED LEARNING

ASSOCIATION FOR SURGICAL EDUCATION
M. A. Prater, et al.

INTERDISCIPLINARY HEALTH EDUCATION

THE EMORY STD TEACHING SECTION: A MULTIDISCIPLINARY CURRICULUM IN SEXUALLY TRANSMITTED DISEASES
M. McKay, M.D., et al.

THE BASIS FOR A MULTIDISCIPLINARY COURSE IN PATIENT-ORIENTED PROBLEM SOLVING
W. D. Cogan, et al.

COMMUNITY HEALTH EDUCATION PROJECTS
Baroline Bienia, M.D., et al.

BEHAVIORAL SCIENCE IN MEDICINE: AN INTERDISCIPLINARY CASE-ORIENTED APPROACH
M. S. Sirridge, M.D., et al.

TEACHING HEALTH CARE PROFESSIONALS ABOUT DOMESTIC VIOLENCE
Regina Braham, et al.

FACULTY EXCHANGE BETWEEN ICM AND PSYCHIATRY
Karin E. Wetmore, et al.

REFUGEE HEALTH ELECTIVE FOR MEDICAL STUDENTS
Melissa M. Lankler, et al.
MCMASTER UNIVERSITY
A. Joshi, et al.

TEACHING PRIMARY CARE PRACTITIONERS ABOUT PRENATAL DIAGNOSIS USING MATERNAL SERUM ALPHA-FETOPROTEIN (MSAFP) TESTING AS A MODEL
L. Benkendorf, et al.

INSTRUCTIONAL DESIGN OR EVALUATION OF RESIDENCY PROGRAM

FAMILY PRACTICE RESIDENCY ASSISTANCE PROGRAM

NATIONAL STANDARDS FOR ACCREDITATION OF RESIDENCY PROGRAMS
J.M. Cassie, et al.

VISUAL INSERVICE EXAMINATION FOR EMERGENCY MEDICINE RESIDENTS
Gloria J. Kuhn, D.O.

EMERGENCY DEPARTMENT CRITICAL CARE REGISTRY
David Plummer, M.D.

USING A COMMERCIAL DATA MANAGER TO MAINTAIN RESIDENCY PROGRAM RECORD
John C. Mueller, M.D.

IMPROVING HOUSE STAFF AWARENESS OF PATIENT MEDICATIONS
J.A. Friedland, M.D., et al.

CHARACTERISTICS OF HOUSE STAFF WORK ROUNDS
C.M. Ashton, M.D., et al.

PRIMARY CARE RESIDENCY TRAINING IN INTERNAL MEDICINE/PEDIATRICS AT WEST VIRGINIA UNIVERSITY
J.M. Shumway, et al.

ASSESSMENT OF PERFORMANCE OF GRADUATES DURING THEIR FIRST POSTGRADUATE YEAR: CONGRUENCE OF PERCEPTIONS OF RESIDENCY DIRECTORS AND RESIDENTS
M.F.M. Johnston, M.D., et al.

A CLINICAL SIMULATION LABORATORY TEN YEARS LATER

THE USE OF ORAL EXAMINATION IN SURGICAL RESIDENT EVALUATION: A MULTI-RESIDENCY PROGRAM EXPERIENCE
S. Schwartz, M.D., et al.

FACULTY DEVELOPMENT

EFFECTIVE TEACHING: IMPROVING YOUR SKILLS
G.E. Bergman, M.D., et al.

FACULTY DEVELOPMENT THROUGH INSTRUCTIONAL DEVELOPMENT
H. Stoker, et al.

STANFORD FACULTY DEVELOPMENT PROGRAM: A DISSEMINATION MODEL
Georgette Stratos, et al.

TEACHING RESIDENTS HOW TO TEACH
1987 AAMC Annual Meeting

FACULTY DEVELOPMENT WORKSHOP
PACKAGES FOR ACADEMIC PRIMARY CARE PHYSICIANS
Karen W. Lienhart, et al.

AAMC FACULTY ROSTER SYSTEM
Nancy Gentile, et al.

APPROACHES TO CLINICAL EDUCATION IN THE AMBULATORY CARE SETTING
DESIGN OF AMBULATORY EXPERIENCE IN RESIDENCY EDUCATION

EDUCATING STUDENTS IN A GENERAL-MEDICINE OUTPATIENT CLINIC
I. Alul, et al.

UNDERGRADUATE MEDICAL EDUCATION IN THE AMBULATORY SETTING: AN ANALYSIS OF EDUCATIONAL PERFORMANCE, PHYSICIAN EFFICIENCY AND PATIENT SATISFACTION

EDUCATIONAL SUPPORT SYSTEMS FOR STUDENTS, INCLUDING TUTORING, FINANCIAL AID AND REMEDIATION
GAPS FAS
Janice Bruno

MEDICAL STUDENTS AS PARTNERS IN UNDERGRADUATE PROFESSIONAL EDUCATION
J. Duckwall, et al.

INSTRUCTION IN PERSONAL FILE MANAGEMENT
L.M. Apostle, et al.

THE CONSERVATION OF RESOURCES THROUGH A PREMATRICULATION STUDY-SKILLS PROGRAM
D.D. Shain, et al.

CONCEPT MAPPING: MAKING LEARNING MEANINGFUL

CORRECTING NBME DEFICIENCIES THROUGH A SUPPLEMENTAL INSTRUCTION APPROACH TO THE BASIC SCIENCES
R. Blanc, et al.

SURVEY OF MEDICAL SCHOOL GRADUATES' STRATEGIES FOR MANAGING THEIR MEDICAL EDUCATION DEBTS
Mary B. Walton, et al.

CORRELATION OF COLLEGE SELECTIVITY AND A GRADE INFLATION INDEX
David A. Lacher, et al.

OTHER

ANALYZING A MEDICAL CURRICULUM
N.E.J.C. L'Esper, et al.

THE REFORM OF MEDICAL EDUCATION IN THE FEDERAL REPUBLIC OF GERMANY
Dr. Reinhard Lohoechter

THE EFFECT OF CHANGING FEDERAL SUPPORT FOR GRADUATE MEDICAL EDUCATION
David B. Nash, M.D., et al.

BDLSYS, AN AUTOMATED DEAN'S LETTER SYSTEM
Alan M. Reynard, et al.

THE PEW PROGRAM IN MEDICINE, ARTS AND THE SOCIAL SCIENCES
Godfrey S. Getz, M.D., et al.

THE AMERICAN COLLEGE OF CARDIOLOGY'S LEARNING CENTER CONCEPT-INTEGRATED SYSTEM FOR INSTRUCTION, DESIGN, AND EVALUATION
M.E. Ayers, et al.

ANTIBIOTIC COST SAVINGS FROM FORMULARY RESTRICTIONS AND PHYSICIAN MONITORING IN A TEACHING HOSPITAL

INTRODUCING SPECIALTY OPTIONS EARLY: RESIDENCY SPEAKER SERIES
J. Patton, et al.

MEDICAL STUDENT SCHOLARS PROGRAM
Nat E. Smith, M.D.

PSYCHOSOCIAL FACTORS ASSOCIATED WITH SPECIALTY CHOICE OF MALE AND FEMALE STUDENTS
E.V. Calkins, et al.

PRACTICE LOCATION AND SPECIALTY CHOICE OF GRADUATES OF THE UPPER PENINSULA MEDICAL EDUCATION PROGRAM
N.K. Brazeau, et al.
PREDORCTORAL FELLOWSHIPS IN FAMILY MEDICINE

HEALTH SCIENCES CONSORTIUM INSTRUCTIONAL VIDEOTAPEs
Jack Adcox, et al.

POISON PREVENTION AND CONTROL PROGRAM (POISON PAC)
J. Wakulich, et al.

MEDICAL STUDENTS' ATTITUDES TOWARD ALCOHOL AND ALCOHOL ABUSE
Lynne Allery, et al.

MEDICAL EDUCATION GROUP
Carlos J.M. Martini, M.D.

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AMERICAN MEDICAL STUDENT ASSOCIATION/Foundation Projects
K. Westpheling, et al.

ASSOCIATION OF TEACHERS OF PREVENTIVE MEDICINE
D.J. Barbour

APPROACHES TO THE DEVELOPMENT AND ASSESSMENT OF DESIRABLE PERSONAL QUALITIES, VALUES AND ATTITUDES
THE DECISIONAL PROCESS IN MEDICAL TREATMENT OF THE SEVERELY DEMENTED PATIENT
N.P. Wray, M.D., et al.

INTRODUCTION TO THE PATIENT: A COMPREHENSIVE SKILLS TRACK FOCUSING ON THE INDIVIDUAL FAMILY AND COMMUNITY
K.A. Lofgren, et al.

WHAT MAKES A GOOD MENTOR PROGRAM
H.M. Swick, M.D., et al.

A REQUIRED ASSESSMENT OF PROFESSIONAL COMPETENCE
A.F. Payer, Ph.D., et al.

USING FISHBEIN AND AJZEN'S PARADIGM TO ASSESS PHYSICIAN ATTITUDES ABOUT SELECTED HEART DISEASE RISK FACTORS
C.S. Rettie, et al.

APPROACHES TO PROBLEM-BASED LEARNING
PROBLEM BASED SMALL GROUP C.M.E. FOR PRACTICING PHYSICIANS
John Premi, M.D.

TEACHING CLINICAL REASONING AND PROBLEM SOLVING USING AN EXPERT SYSTEM BUILT INTO A PATIENT SIMULATION
Bernard Schelew, M.D.

INDIVIDUAL ASSESSMENT OF PROBLEM SOLVING SKILLS: FACULTY DEVELOPMENT EFFORTS
P. Blumberg, Ph.D., et al.

BRIDGE BUILDING IN A TRADITIONAL CURRICULUM: TWO PROBLEM-BASED LEARNING EXERCISES PER YEAR
S. Billings-Gagliardi, Ph.D., et al.

COMPUTER APPLICATIONS IN MEDICAL EDUCATION

COMPUTER PROGRAMS FOR CLINICAL MANAGEMENT FOR DRUG DOSAGE REGIMENS
Roger W. Jelliffe, M.D.

PHYSICIANS' 1,2,3,4,5: TEACHING PHYSICIANS TO THINK MATHEMATICALLY ABOUT EACH OF THEIR PATIENTS' PROBLEMS
John H. Frenster, M.D.

COMPUTERIZED CLINICAL PATIENT PROBLEM (C2P2)
Mary Medal

INTEGRATED TEST SCORING, PERFORMANCE RATING AND ASSESSMENT RECORDS KEEPING
Gerald J. Cason, et al.

A TEST ITEM BANKING SYSTEM FOR MICROCOMPUTERS
Lee Willoughby, et al.

A FLEXIBLE TEST BANKING SYSTEM FOR USE IN LECTURE-BASED OR INDIVIDUAL STUDY PROGRAMS
F.H. Willard, Ph.D., et al.

AN INFORMATION SYSTEM FOR MANAGING EVALUATION IN MEDICAL EDUCATION
Claudia A. Wade, et al.

APPLICATIONS OF A MICROCOMPUTER CURRICULUM DATABASE TO CURRICULUM PLANNING AND EDUCATION RESEARCH
E.M. Sellers, et al.

COMPUTER-BASED CURRICULUM MANAGEMENT
J.M. Shumway, et al.

MECCA: MEDICAL EDUCATION CORE CURRICULUM ANALYSIS
Steven S. Dimse, M.D., et al.
COMPUTER-BASED BULLETIN BOARD SYSTEM SERVES AS LEARNING RESOURCE FOR MEDICAL STUDENTS
S.J. Fath, Ph.D., et al.

T.I.M.S.: AN INTERACTIVE TEST ITEM MANAGEMENT SYSTEM
D.H. Harward, et al.

RNDTEST: A TEST AUTHORING SYSTEM
Raymond D. Mosteller, Ph.D.

SOFTWARE FOR HEALTH SCIENCES EDUCATION—a RESOURCE CATALOG
J.D. Ten Haken, Ph.D., et al.

SELF-TESTING SYSTEM IN THE BASIC AND CLINICAL SCIENCES
John R. Thornborough, Ph.D.

HEALTH SCIENCES CONSORTIUM COMPUTER-ASSISTED INSTRUCTIONAL MATERIALS
Chris Herndl, et al.

SELF-SERVICE COMPUTERIZED BIBLIOGRAPHIC RETRIEVAL IN MEDICAL EDUCATION: PAPERCASE, A PROGRAM THAT SEARCHES THE MEDLINE DATA BASE
Charles Safran, M.D., et al.

MUMPS IN MEDICAL EDUCATION
Maria Lourdes Garcia

USING A COMPUTER CONSTRUCTED MEDICAL DATABASE AS A MODEL FOR PROBLEM SOLVING AND SELF-DIRECTED LEARNING
I.H. Koven, M.D., et al.

SOLITARY PULMONARY NODULE—INTERACTIVE VIDEO TEACHING PROGRAM

INTEGRATED PATIENT LOG DATABASE AND PATIENT MANAGEMENT PROBLEM GENERATOR TO DOCUMENT STUDENT-PATIENT INTERACTION AND TO PROVIDE CORE TEACHING EXPERIENCES IN PRIMARY CARE
B.D. Lindley, Ph.D., et al.

OPTICAL DISCS FOR MEDICAL EDUCATION

VIDEO DISC INTERFACED WITH MS-DOS MICROCOMPUTER NETWORK OR SINGLE STATION FOR TEACHING, SELF-ASSESSMENT OR TESTING BASIC SCIENCES
S. Stensaas, et al.

PREPARING STUDENTS FOR COMPUTER-BASED TESTING
M.J. Barrett, M.D., et al.

MICROCOMPUTER-BASED ADAPTIVE TESTING IN A THIRD-YEAR CLERKSHIP: DESIGN DEVELOPMENT AND SOME PRELIMINARY FINDINGS
D.U. Smith, Ph.D., et al.

COMPUTER-AIDED INSTRUCTION IN TOPICS FOR PRIMARY CARE PHYSICIANS
M. Davidman, M.D., et al.

A COMPUTER-CONTROLLED VIDEODISC SYSTEM FOR LEARNING NEUROANATOMY
Jack Nolte, Ph.D., et al.

CAI FOR PHARMACOLOGY AND OTHER BASIC MEDICAL SCIENCES
J.C. Hancock, M.D., et al.

ASSESSMENT OF MEDICAL STUDENTS’ PHYSICAL EXAMINATION SKILLS BY INTERACTIVE VIDEODISK

COMPUTER-ASSISTED LEARNING OF FUNDAMENTAL ELECTROCARDIOGRAPHY

NEW IMAGING IN MEDICAL EDUCATION

COMPUTERS IN MEDICAL EDUCATION AT JEFFERSON
F. Scott Beadenkopf, et al.

IDENTIFICATION OF HEMATOLOGIC CELL MORPHOLOGY: A COMPUTER-BASED INTERACTIVE VIDEO PROGRAM

INTERACTIVE VIDEO AS A DATA BASE FOR HISTOLOGY TEACHING
J.E. Dittmer, et al.

COMPUTER SIMULATIONS IN MEDICAL EDUCATION: CASE STUDIES IN MEDICINE AND SURGERY
Murry G. Fischer, M.D.

IN-HOUSE PRODUCTION OF A VIDEODISC AND CAI INTERACTIVE VIDEO PROGRAMS FOR A THIRD-YEAR CLINICAL CLERKSHIP
H.C. Mullins, M.D.

THE CLERKSHIP SELECTION PROGRAM
D.F. Keene

THE MAC MINIMEDLINE INTERFACE PROGRAM
Naomi Broerling

MEDDIX
H.A. Verbeek, M.D.
Minutes of AAMC Assembly Meeting

November 10, 1987

Washington, D.C.

Call to Order
Dr. Edward Stemmler, AAMC Chairman, called the meeting to order at 8:15 a.m.

Quorum Call
Dr. Stemmler recognized the presence of a quorum.

Consideration of Minutes
The minutes of the October 28, 1986, Assembly meeting were approved without change.

Report of the Chairman
Dr. Edward Stemmler reported on the progress of the Task Force on Physician Supply and its subcommittees, stating that it will be important for the Task Force to work with the Council on Graduate Medical Education. He also reported that the Association’s newly created Committee on AIDS and the Academic Medical Center had met for the first time a month previously and had constituted itself into subcommittees on institutional policies and education and curriculum issues. Dr. Stemmler reported that the transition to residency issue had a sense of direction and order. He had been encouraged by a recent meeting with program directors concerning the issuance of dean’s letter and felt the Association should continue its leadership in this area.

Dr. Stemmler concluded by expressing his thanks to the AAMC staff and to the following members of the Administrative Boards and Executive Council, whose terms were expiring: Mark Blumenthal, Joanne Fruth, Michael Gonzalez-Campoy, Kirk Murphy, Rick Peters, Thomas Sherman, and Mary Vistica from the Organization of Student Representatives; Kay Clawson, Hibbard Williams, and Bob Daniels from the Council of Deans; David Cohen, Everette James, and Frank Yatsu from the Council of Academic Societies; Gordon Derzon and Tom Smith from the Council of Teaching Hospitals; and Ginny Weldon from the Executive Council.

Report of the President
Dr. Petersdorf began by referring the Assembly members to the Association’s annual report for a description of the past year’s activities. He reported that Louis Kettel and Robert Levy would be on board January 1 as Associate Vice President for Academic Affairs and Vice President for Biomedical Research respectively; Edwin Crocker would join the staff November 16 as Vice President for Administrative Services. He reported that the director of accreditation position had not been filled and asked members to forward names of potential candidates. Activities for the coming year would include increased AAMC action in the areas of minority affairs, manpower, and a number of legislative activities to include authorization packages related to the NIH and Title VII of the Public Health Service Act.

Report of the Council of Deans
Dr. Louis Kettel announced that the COD had elected the following Board members: William Butler, Chairman; William Deal, Chairman-Elect; and members-at-large Robert Friedlander, Phillip Forman, George Bryan. The COD representatives to the Executive Council would be L. Thompson Bowles, Robert Tranquada and Donald Weston.

During the year the deans had reversed their previous support for reporting NBME scores on a pass/fail basis. In the coming year the deans would be reviewing proposals relating to a single route to licensure. At this year’s spring meeting they had discussed what direction medical schools should take on preventive
medicine, geriatrics, manpower, and the transition issues including dean’s letters. The 1988 spring meeting would focus on teaching in the ambulatory setting, and manpower and minority recruitment would be priority issues in the coming year.

Report of the Council of Academic Societies

Dr. Frank Moody reported that Dr. Douglas Kelly would assume the chairmanship of CAS. He announced new Board members Myron Genel, Glenn Hamilton, Vivian Pinn-Wiggins, and Joel Jacks and thanked the staff for its support.

Report of the Council of Teaching Hospitals

Dr. Spencer Foreman reported on the formation of a new Group on Faculty Practice to foster practice faculty involvement in the AAMC. The COTH business meeting had discussed the draft paper on the house staff hours and supervision. He reported that some COTH members had become so involved in commercial consortia that there was a need for COTH to help maintain a community of interest in academic medicine. He also noted that, as hospital holding companies and health systems had formed, there was a need to consider revising COTH membership criteria to include CEOs in those organizations. He announced new Board members Leo Henikoff and Max Poll.

Report of the Secretary-Treasurer

Dr. Foreman referred the Assembly members to the published agenda which included the report of the treasurer and the balance sheet and operating statement for the Association’s 1987 fiscal year. He reported that the Association’s portfolio was in good condition, despite the recent downturn of the stock market.

ACTION: On motion, seconded, and carried, the Assembly approved the report of the Secretary-Treasurer.

Report of the Organization of Student Representatives

Ms. Kimberly Dunn reported that the OSR had a productive year. She thanked Drs. Petersdorf and Stemmler for their support. Ms. Dunn announced the completion of the Association of Teachers of Preventive Medicine survey on excellence in teaching, the continued OSR support of pass/fail reporting of NBME scores, work on discrimination in residency selection, and continued interest in indigent health care. OSR representatives continued to meet with Congressional representatives and had joined the GME computer network. Clayton Ballantine had been named the new chair-elect.

Election of New Members

ACTION: On motion, seconded, and carried, the Assembly unanimously elected the following organizations, institutions, and individuals to the indicated classes of membership:

Teaching Hospital Members: Georgia Baptist Medical Center, Atlanta, GA; Staten Island Hospital, New York, NY; Children’s Medical Center, Dayton, OH; St. Luke’s Episcopal Hospital, Houston, TX.

Distinguished Service Members: David H. Cohen, Fairfield Goodale, Ernst Knobil, Virginia V. Weldon.


Subscriber Member: Elliott Wolfe.

Individual Members: List attached to archive minutes.

AAMC Bylaws Change

ACTION: On motion, seconded, and carried, the Assembly unanimously approved the following amendment to the AAMC bylaws to designate members of the Association’s Executive Committee:

Article VII, Section 3:

The Executive Committee of the Executive Council shall be comprised of the Chairman, the Chairman-Elect, the Immediate Past Chairman, the President, the Chairman of the Council of Deans, the Chairman of the Council of Teaching Hospitals, and the Chairman of the Council of Academic Societies. The Chairman of the Council of Teaching Hospitals shall
serve as Secretary-Treasurer. At such times as the Executive Council is not in session, the Executive Committee shall have and may exercise the full power and authority otherwise commonly incident to and vested in the Executive Council, to act on behalf of and to govern the Association, and to make any and all necessary and appropriate policy interpretations on behalf of the Executive Council. The designation of such a committee and the delegation to it of authority shall not relieve the Council, or any members of the Council, of any responsibility imposed upon them by law.

Report of the Resolutions Committee
There were no resolutions reported to the Resolutions Committee for timely consideration and referral to the Assembly.

Report of the Nominating Committee
Mr. Sheldon King, chairman of the Nominating Committee, presented the report of that committee. The committee is charged by the bylaws with reporting to the Assembly one nominee for each officer and member of the Executive Council to be elected. The following slate of nominees was presented: AAMC Chairman-Elect: D. Kay Clawson; Executive Council: Council of Deans: L. Thompson Bowles, Robert E. Tranquada, and W. Donald Weston; Council of Teaching Hospitals: James J. Mongan.

ACTION: On motion, seconded, and carried, the Assembly approved the report of the Nominating Committee and elected the individuals listed above to the offices indicated.

Resolution of Appreciation
ACTION: On motion, seconded, and carried, the Assembly adopted the following resolution of appreciation:

WHEREAS, Edward Stemmler has honored American medical education with faithful, diligent, and exemplary service as educator, clinician, scientist, and administrator, and
WHEREAS, the Association of American Medical Colleges has been a particular beneficiary of his insight, vision, and skillful leadership of the Council of Deans, the Executive Council, and the Assembly,

BE IT RESOLVED, that the Association today expresses to him its deep respect for his talents, sincere appreciation for his stellar contributions, and its friendship and best wishes in all future endeavors.

Adjournment
The Assembly adjourned at 8:45 a.m.
Annual Report

1986–87
History and Development of the AAMC

The Association of American Medical Colleges was founded in 1876 by representatives of 22 medical schools to work for much-needed reform in medical education. Its attempt to raise educational standards by the introduction of a uniform, three-year graded curriculum failed, and the organization lay dormant for more than a decade. By 1890 the need for concerted action was again recognized when 66 medical colleges met on their common concern to elevate the standards of medical education. The 1910 Flexner report, sponsored by the Carnegie Foundation for the Advancement of Teaching, provided the final impetus for sweeping changes in medical education, including the demise of proprietary medical schools and the rise of university medical education.

During the ensuing decades the Association turned its attention to studies on the medical education process. World War II produced extraordinary problems and demands on the nation’s medical schools for service and research. In the following years the AAMC expanded its efforts and broadened its focus to include all of the activities—education, research and service—underway at member institutions. A major restructuring of the Association followed the 1966 Coggeshall report Planning for Medical Progress through Education. The Association was transformed from a “deans’ club” to a national organization which represents four constituent bases: medical school deans, teaching hospital directors, faculty, and students. This coincided with a move of the Association’s offices to Washington, D.C., to bring the AAMC into more frequent contact with U.S. government bodies, agencies, and other educational and professional organizations. This occurred at a time when national policy supported expanded enrollments and the creation of new medical schools.

Today the Association employs 170 persons under the direction of its president Robert G. Petersdorf, M.D. It carries out a broad range of programs and studies aimed at advancing medical education and the nation’s health.

Membership
The Association includes in its membership:
- 127 U.S. and 16 Canadian medical schools
- 85 academic and professional societies representing the 61,000 faculty at member institutions
- 465 hospitals with substantial research and educational activities, including 75 Veterans Administration medical centers
- Medical students at U.S. schools
- Nearly 800 persons with demonstrated serious interest in medical education who belong to the Association as individual members.

Members of the faculty and administrators of academic medical centers represent their institutions in organizations of similar professionals in the AAMC:
- Group on Business Affairs
- Group on Faculty Practice (organizing November 1987)
- Group on Institutional Planning
- Group on International Medical Education (organizing 1988)
- Group on Medical Education
- Group on Public Affairs
- Group on Student Affairs

Objectives
“The Association of American Medical Colleges has as its purpose the advancement of medical education and the nation’s health. In pursuing this purpose, the Association works with many national and international organizations, institutions, and individuals interested in strengthening the quality of medical education at all levels, the search for biomedical knowledge, and the application of these tools to providing effective health care.
“As an educational association representative of members having similar purpose, the primary role of the AAMC is to assist those members by providing services at the national level which will facilitate the accomplishment of their mission. Such activities may include collecting data and conducting studies on issues of major concern, evaluating the quality of educational programs through the accreditation process, providing consultation and technical assistance to institutions as needs are identified, synthesizing the opinions of an informed membership for consideration at the national level, and improving communication with those concerned with medical education and the nation’s health. Other activities of the Association reflect the expressed concerns and priorities of the officers and governing bodies.”

—Approved by AAMC Executive Council
June 21, 1974
Governance

The Association's governance structure is composed of the Council of Deans, the Council of Academic Societies, the Council of Teaching Hospitals, and the Organization of Student Representatives. Each of these constituencies elects an Administrative Board which contributes members to the Association's Executive Council. The Executive Council, led by its Executive Committee, establishes policy for the Association. At the AAMC's annual meeting the Assembly elects the Executive Council and approves new Association members.

The meetings of the Administrative Boards and Executive Council allow members to hear directly from officials of the congressional and executive branches on issues of interest and importance to academic medical centers. In 1987 the following speakers were featured at governance meetings:

—Representative Henry Waxman  
  *Chairman, House Subcommittee on Health and the Environment*

—C. Everett Kopp, M.D.  
  *Surgeon General of the United States*

—James Wyngaarden, M.D.  
  *Director, National Institutes of Health*

—Representative Willis Gradison  
  *Ranking Minority Member, House Ways and Means Subcommittee on Health*

—Brian Biles, M.D.  
  *Majority Staff Director  
  House Ways and Means Subcommittee on Health*

At the 1986 AAMC annual meeting the Executive Council held a special session to consider the establishment of a closer relationship between the AAMC and the Association of Academic Health Centers. Following that meeting the leadership of the two organizations ratified an agreement creating the AAHC-AAMC Forum. The Forum, which has been established for an initial period of three years, provides a mechanism by which matters of common interest and concern can be explored, leading to joint activities and policy positions. The Forum itself has no outside functions or advocacy role and remains responsible to the two parent organizations. One positive outcome of the Forum has been an agreement by the two organizations to provide staff support jointly for a group of institutional governmental representatives.

Executive Council

Chairman  
Edward J. Stemmler, M.D.  
*University of Pennsylvania School of Medicine*

Chairman-Elect  
John W. Colloton  
*University of Iowa Hospitals & Clinics*

Immediate Past Chairman  
Virginia V. Weldon, M.D.  
*Washington University School of Medicine*

President  
Robert G. Petersdorf, M.D.  
*Association of American Medical Colleges*

Distinguished Service Member  
Edward N. Brandt, Jr., M.D.  
*University of Maryland*

Council of Deans Administrative Board

Chairman  
Louis J. Kettel, M.D.  
*University of Arizona College of Medicine*

Chairman-Elect  
William T. Butler, M.D.  
*Baylor College of Medicine*

Members  
L. Thompson Bowles, M.D.  
*George Washington University School of Medicine*
1986–87 Annual Report

Frank M. Yatsu, M.D.
University of Texas Medical School at Houston

Organization of Student Representatives
Administrative Board

Chairman
Vicki Darrow, M.D.*
University of Washington School of Medicine

Chairperson-Elect
Kimberly Dunn*
University of Texas Medical School at Houston

Members
Mark Blumenthal, M.D.
University of Medicine and Dentistry of New Jersey
Robert Wood Johnson Medical School

Joanne Fruth, M.D.
Medical College of Ohio

Michael Gonzalez-Campoy
Mayo Medical School

Jill Hankins
University of Arkansas College of Medicine

Sarah Johansen
Dartmouth Medical School

Kirk Murphy, M.D.
Hahnemann University School of Medicine

Richard Peters, M.D.
University of California, San Diego, School of Medicine

Thomas Sherman, M.D.
University of Connecticut School of Medicine

Andrew Spooner
University of Tennessee College of Medicine

Mary Vistica, M.D.
Oregon Health Sciences University School of Medicine

* Administrative Board members who also serve on Executive Council
Selection and Education of Young Physicians

Admission to Medical School

In 1974-75 medical school applicants reached their peak at 42,624. Since then there has been a steady decline in the number of young men and women interested in a career in medicine. For the 1987 academic year the AAMC estimates that the total applicant pool will be 28,200 or 10 percent fewer than for 1986. The projection for 1988 is for a further decline of 12 percent.

The declining interest in a medical career is of concern to the profession as well as to the Association. In February 1987 the AAMC, the American Medical Association, and the American Hospital Association sponsored a conference on "The Medical Profession: Enduring Values and New Challenges." Presenters discussed forces effecting changes in medical care and practice and attempted to determine how the perception of medicine could be changed so that the challenges and opportunities of the profession were more apparent to potential applicants.

The Association conducts a number of programs to assist its constituents in selecting medical students. The AAMC first sponsored an objective test for applicants to medical school in 1930 to reduce the high attrition rate among entering freshmen. The test became known as the Medical College Admission Test in 1948. A major review of the MCAT culminated with the introduction of a new test format in 1977. It provides medical school admissions committees with a standardized measure of academic achievement for examinees in the areas of biology, chemistry, physics, science problems, skills analysis: reading, and skills analysis: quantitative. With nearly a decade's experience, members of a new MCAT Evaluation Panel are now reexamining the battery of tests to determine whether changes are in order based on psychometric data or the message conveyed to students, advisers, and medical school personnel by the current configuration of tests. The panel will also consider whether there exists a possible misalignment of the design of the battery and MCAT program goals or the information needs of the medical schools. An MCAT content update will then be undertaken to propose content specifications for the development of a revised examination.

For the past four years, the AAMC has also been investigating the possibility and desirability of including an essay question as a permanent part of the MCAT. In this endeavor an essay topic has been incorporated on a trial basis in the 1985, 1986 and 1987 MCAT exams. The objectives of the pilot program are to plan, develop, implement, and evaluate an essay written by examinees under standard conditions and in response to a topic developed to measure specific communication and analysis skills. A final report on this project is expected in January 1989.

MCAT Essay Pilot Project Advisory Committee

Daniel J. Bean, Ph.D.
St. Michael's College
Zenaida Camacho, Ph.D.
Baylor College of Medicine
Shirley Nickols Fahey, Ph.D.
University of Arizona College of Medicine
Sharron A. Laisure, Ph.D.
University of Iowa College of Medicine
Terrence M. Leigh, Ed.D.
American Board of Family Practice
Robert I. Keimowitz, M.D.
George Washington University School of Medicine and Health Sciences
John Molidor, Ph.D.
University Affiliated Hospitals of Flint, Michigan
The American Medical College Application Service, with 106 participating schools, processes first-year application materials and provides schools with coordinated admissions data in a uniform format. AMCAS also provides rosters and statistical reports and data for national studies on admission, matriculation, and enrollment.

To enable its schools to assess the qualifications of minority and other non-traditional applicants, the Association has offered a series of Simulated Minority Admissions Exercise workshops. These workshops are targeted at medical school personnel concerned with the admission and retention of underrepresented minorities. Training and development workshops are also offered for counselors and advisers of minority students. Nevertheless, the Association remains concerned about the need to identify strategies to encourage further participation of underrepresented minorities in medicine.

Medical School Education

In 1984 the Association issued Physicians for the Twenty-First Century, the report of the Panel on the General Professional Education of the Physician and College Preparation for Medicine (GPEP). Various efforts are underway, both within AAMC and at medical schools, to respond to the recommendations of the GPEP report. Association staff are working with a group of nationally recognized educators to develop a program to introduce medical school faculty to alternatives in medical student teaching and learning. A goal of the program is to expand participants' knowledge about how teaching and learning might be changed at their institutions. Activities at several medical schools include the development of systematic and comprehensive assessments of students' clinical performance. In addition, representatives of the Group on Medical Education are working closely with the National Board of Medical Examiners in their efforts to modify the NBME Part III examination; there is interest in diminishing the influence of licensing examinations on the programs of medical student education.

In recent years several factors have com-
bined to alter substantially the hospital inpatient environment which has served as the focal point for medical education. These changes have caused medical educators to begin to seek information about the problems and opportunities associated with complementing medical student and residency training in the hospital with expanded training in the ambulatory setting. In December 1986 the Association, with the support of the W. K. Kellogg Foundation, held an invitational symposium "Adapting Clinical Education to New Forms and Sites of Health Care Delivery." A small group of 30 prominent medical educators, representatives of specialty societies, nursing and allied health educators, and others addressed the issues from the perspective of internal medicine, surgery, ophthalmology, and neurology. The participants held specific discussions on the implications for clinical education of the team approach to ambulatory care and on the cost and financing of ambulatory care training. Proceedings of the symposium have been published.

Under contract with the Health Resources and Services Administration an AAMC study has undertaken to identify the possible types of sites that might be conducive to ambulatory training, the strategies for organizing these educational functions and the consequences of such a shift. The study, to be completed in the fall of 1987, concentrated on internal medicine, general surgery, family medicine, pediatrics, psychiatry, and ophthalmology in examining the perceived need to alter education programs. Site visits were made to nine academic medical centers to examine approaches to educating students and residents.

Ambulatory Care Project Advisory Panel

Robert H. Waldman, M.D., Chairman
University of Nebraska College of Medicine

Robert C. Davidson, M.D.
University of California, Davis, School of Medicine

Thomas Delbanco, M.D.
Beth Israel Hospital

Leo Henikoff, M.D.
Rush-Presbyterian-St. Luke’s Medical Center

William Kerr
University of California, San Francisco, Medical Center

Howard Kirz, M.D.
Group Health Cooperative of Puget Sound

George Seldon, M.D.
University of North Carolina at Chapel Hill School of Medicine

The AAMC’s Group on Medical Education is the focal point of many of the Association’s education activities. A segment of that group has been discussing introduction to clinical medicine (ICM) courses and is working to define ICM and the funding sources available for it, with the hope for development of guidelines for better integration between ICM, basic science courses and subsequent clinical experience. At the 1987 AAMC Annual Meeting the results of a pilot study of a survey to establish a data base about ICM courses will be presented.

The Association has published an annotated bibliography Medical Education and Evaluation Along the Clinical Continuum as part of its ongoing activities in medical student evaluation. Evaluation instruments from medical schools will be available through the Association in early 1988. These activities are coupled with the workshop series on “Systems for the Evaluation of Clinical Students: An Institutional Management Approach,” offered through the AAMC’s Management Education Program.

Transition to Graduate Medical Education

At the 1986 AAMC Annual Meeting the draft report of the Committee on Graduate Medical Education and Transition from Medical School to Residency was presented at a special general session. There have been a number of sequelae from this report:

November 1 dean’s letter date: The Executive Council has supported the Council of Deans’ designation of November 1, 1987, as a uniform release date for deans’ letters for students seeking graduate medical education positions. Using this date for the release of these evaluative letters means that program directors will receive more information about stu-
dents' performance in required clerkships and clinical electives.

Transition Forum: Starting with the 1987 AAMC Annual Meeting, a forum will be held with representatives of each specialty to review progress toward resolving problems at the transition between medical school and residency. This year the principal focus will be on the effect on the resident selection process of the November 1 uniform release date for deans' letters and the changed National Resident Matching Program schedule which moved the date for submission of rank order lists from January to February. The forum will discuss ways to improve the coordination of selection of candidates for PG-12 combined positions.

Dean's letters review: A committee is working on ways to make dean's letters a more useful evaluative tool. The committee will define the appropriate use of the dean's letter and determine what information should be supplied to program directors who are selecting among candidates for residency positions. It is hoped that this committee's work will result in improved reporting of students' qualities and capabilities.

"Audition" electives: The Transition Committee report discouraged the use of "audition" electives as a part of the residency selection process, emphasizing that electives should be chosen to meet students' educational needs.

Graduate Medical Education

The ability to track medical graduates through their residency training has been added to the Student and Applicant Information Management System, the AAMC's comprehensive data base on medical students. Beginning with the class of 1983, the residency path for each graduate is now on file. These additional data allow correlations to be made between final choice of speciality and earlier career intentions. Studies correlating characteristics of students at entry to medical school with career outcomes will also be possible for the entire population of medical students and for a single institution's graduates.

The Association has also become involved in efforts in some states to regulate house-staff hours. While the Association supports efforts to examine graduate training consistent with its primary educational goals, the Association is concerned that some proposals to regulate house-staff do not consider adequately the education, service, and fiscal consequences, and do not allow for an adequate period of phase-in.

Upon recommendation of a committee charged by the Executive Council, the AAMC is considering the establishment of an Organization of Resident Representatives as a permanent part of its constituency structure.
A career in the medical profession requires a substantial investment from the individual who wishes to become a physician. The period of education and training is lengthy, and the costs are significant. In 1986–87 the average tuition and fees at private medical schools were $14,962; for a state resident at a public school they were $4,696. Since medical schools, like other higher education institutions, aspire as a matter of principle to accept the most worthy candidates for admission regardless of ability to pay, the availability of adequate financial assistance becomes a paramount concern. The Association addresses this priority through a series of sponsored activities and by monitoring relevant congressional and regulatory actions.

The October passage of the Higher Education Amendments of 1986 and later technical amendments legislation made some important changes in the federal programs that provide medical student financial assistance. These included increases in maximum annual loans, enhanced loan consolidation procedures, and clarifications in the eligibility for repayment deferments. A welcome provision was the limitation on eligibility for federal Guaranteed Student Loans and Supplemental Loans to Students to those foreign medical schools that either enroll 60 percent or more from among their own nationals or whose U.S. graduates achieve a specified pass rate on the examinations administered by the Educational Commission for Foreign Medical Graduates.

In 1986 the Association initiated MEDLOANS, a new comprehensive loan program in which students can apply for three federal loan programs and a new Alternative Loan Program (ALP) through a consolidated application procedure. ALP is an assured access program that does not require the medical student to have a co-signer, nor does it require the borrower to make interest payments while in school or during the first three years of residency. Modifications to the program during this year have made the loan package the most competitive on the market.

The concept of MEDLOANS has also been expanded beyond the loan program to include the Association’s activities and services related to student financial assistance. As part of this new program, the Association sponsored a conference on medical student indebtedness last June at which 71 medical schools were represented. The conference included a workshop on personal financial planning for students and parents, a session on analyzing specific terms and conditions when comparing loan programs, and an examination of how to balance the various roles of the financial aid administrator. The conference and a new bimonthly bulletin for medical school financial aid officers are examples of services that the Association offers its members with the guidance of the Committee on Student Financial Assistance of the Group on Student Affairs.
Support for Biomedical and Behavioral Research

Federal Research Programs

Support for the research and research training programs of the National Institutes of Health and the Alcohol, Drug Abuse and Mental Health Administration is the cornerstone of the AAMC's advocacy of a strong medical research enterprise for this nation. The advocacy includes, as a matter of routine, monitoring relevant authorization and appropriations legislation, presenting testimony to congressional committees, and working with other interest groups to assure adequate levels of appropriations for research programs. Close relationships with the research agencies also aid the Association in representing the interests of its constituents.

In 1987 a new twist was added to the budget process. In January the Reagan Administration proposed, through its fiscal year 1988 budget submission, to "extend the availability" of $334 million and $5 million from the fiscal year 1987 budgets of NIH and ADAMHA, respectively, and expend these funds in the new fiscal year. For NIH this would have meant that 700 fewer competing research projects would have been funded and all research project grants would have been cut by at least 10 percent. Although the president's request pledged that no action would be taken to carry out the proposal without congressional action, NIH moved to implement the cuts immediately after the release of the budget submission. The AAMC was persuaded that implementation of the proposal was both illegal and actionable and retained counsel. Other co-plaintiffs were invited to join the effort, and the AAMC was gratified at the prompt response of many other organizations concerned with maintaining a vigorous biomedical research effort. In an apparent response to the imminent lawsuit and as a consequence of congressional displeasure at this proposal, the Office of Management and Budget did finally instruct the Department of Health and Human Services not to withhold or restrict NIH research project funds. Shortly thereafter grants were funded according to normal procedures and funds were restored to grants that had previously been reduced. Eventually Congress formally rejected the proposed "reappropriation."

The administration's attempt to reduce already appropriated funds for biomedical and behavioral research was only the latest in a series of attempted rescissions and deferrals and emphasized the importance of the Association's continued vigilance on behalf of the research community.

The Association has also been a consistent supporter of the research programs of the Veterans Administration (VA). The research conducted by the VA complements its medical care and education activities. AAMC testified opposing the administration's proposed funding levels which represented an increase of about three percent compared to a twelve percent increase proposed for research and development at the Department of Defense. The Association supported a funding level of $226 million to maintain the high calibre of research conducted in the medical and prosthetic research program.

Investigational New Drugs

The attention of AAMC members was focused earlier this year on a reproposed rule from the Food and Drug Administration that would make investigational new drugs widely available to patients with serious or immediately life-threatening diseases before clinical trials were completed. The Association, along with more than 300 other organizations and individual scientists, viewed the proposal as detrimental to clinical research and to the scientific development of new drugs as well as posing a possible danger to some patients.
The final rule published in May contained modifications that were responsive to the concerns of the AAMC and many other groups. A new section in the final rule specified that release of drugs for treatment under this regulation will ordinarily be permitted only late in the clinical trials process and, further, that use for treatment can be denied if the body of scientific evidence fails to show that the drug is safe and effective. These changes were viewed as important in maintaining the integrity of the drug development process.

Use of Animals in Research and Education

The Association continues its campaign against attempts to limit the use of animals in laboratory research and education. In this the Association cooperates with and is heavily dependent on the National Association for Biomedical Research and the Foundation for Biomedical Research. An important part of the AAMC’s effort is working with its members to assure that standards for the proper care of these animals are maintained. In response to a new federal requirement for training of personnel in institutions performing animal research, the AAMC and the Foundation for Biomedical Research developed two training videotapes for research institutions. The first tape provides a historical perspective on the animal rights movement’s strategy and its agenda for future efforts to restrict animal research. The second tape contains segments on the workings of animal care and use committees, on common procedures and techniques in animal research and on their appropriate application, and on the standards for pre- and post-operative care for animals undergoing surgery. The same project also included the preparation and publication of a guide for scientists using animal models, The Biomedical Investigator’s Handbook.

The Association continues to monitor regulatory and legislative proposals relating to the use of animals in research and education. In March the Department of Agriculture issued regulations implementing the 1985 amendments to the Animal Welfare Act. Over 1200 academic and scientific organizations, educational and health care institutions and individual researchers submitted comments on the proposed regulations. The AAMC response to these regulations cited concerns that the proposed regulations went beyond the intent of Congress to broaden unrealistically the scope of the regulatory environment exerted by the federal government, conflicted with other federal animal welfare policies, and would substantially increase institutional costs.

Other Issues

Additional research issues being addressed by the AAMC include:

- research training
- NIH funding policies
- biotechnology regulations
- scientific misconduct policies
- indirect cost regulations
- industry-university relationships
- construction authority for research facilities
- technology transfer
Delivery of Health Care Services

The Association’s member teaching hospitals are the sites for clinical education for medical students and residents, fellowship training programs for physicians in graduate medical education, and a significant share of the nursing and allied health education programs. The teaching hospitals associated with the nation’s medical schools also constitute a major health service resource. The six percent of the nation’s non-federal, short-term hospitals that are COTH members account for 20 percent of admissions, 20 percent of the emergency room visits, and 33 percent of outpatient visits. They provide a comprehensive range of patient services, including a disproportionately large share of the most sophisticated and intensive hospital services. With the important role that these hospitals play in medical education and in the nation’s health care system, it has been a major objective of the Association to assure the fiscal viability of these institutions.

Reimbursement for Services

The Medicare program has been a major target for budget cuts proposed by the Reagan Administration throughout the last several fiscal years. The current emphasis on reexamining national policies in light of more limited public resources places teaching hospitals and their activities at a significant risk if their special nature and role are not supported. The Association has been an advocate for adequate and fair reimbursement for medical care services, particularly those that have an impact on academic medical centers.

The AAMC opposes the Reagan Administration’s proposals to eliminate Medicare payments for the “educational costs” of residency training and for all expenses of nursing and allied health education programs. The AAMC has also recommended that the indirect medical education adjustment, which actually is a proxy measure to compensate for added patient service costs borne by teaching hospitals, be retained at its current level. The Association has consistently argued that the inflation adjustments for the Prospective Payment System proposed by the administration have been inadequate and should be increased. While the administration has supported including capital costs in the prospective payment system, the AAMC has supported the continuation of capital pass-through.

Landmark legislation to expand Medicare’s coverage of catastrophic health costs for its 31 million beneficiaries cleared the House of Representatives in summer 1987. The plan originally offered by the Department of Health and Human Services was amended in the House to add payment for prescription drugs and other benefits. Concerns about the projected cost of the expanded proposal and the threat of a presidential veto are expected to be the focus of Senate consideration.

Other provisions under consideration by Congress are changes in payments to physicians, including a proposed prospective payment system for inpatient radiology, anesthesiology and pathology services. The AAMC has opposed this proposal.

Given the wide variety of reimbursement proposals that are being considered at national and state levels, the AAMC has been concerned that many of them have an underlying assumption that teaching hospitals are relatively homogeneous. In an effort to replace the assumption of homogeneity with clear analytical information on the differing characteristics of subgroups of teaching hospitals, the AAMC is establishing a coordinated data base on teaching hospital costs and operating characteristics. Data are being developed at the individual hospital level so that the impacts of
Access to Care

Teaching hospitals are major providers of medical care services to the poor and medically indigent. In 1984, 49 percent of the charity care charges and 36 percent of the bad debts of all short-term non-federal hospitals were incurred by members of the Council of Teaching Hospitals. Thus, the average COTH member deducted 11.2 percent of revenues for charity care and bad debts compared to the community hospital average deduction of 6.6 percent of revenues. This above average charity care and bad debt experience for COTH members results, in large part, from the high number of such patients seen at medical centers located in the economically disadvantaged sections of major cities.

The Census Bureau estimates that 37 million Americans, nearly 18 percent of the population under age 65, do not have health insurance coverage. Over half of these uninsured individuals belong to families where at least one member has a full-time job. The AAMC has supported the concept of amending the Public Health Service Act and the Fair Labor Standards Act of 1938 to require employers to provide a minimum package of health insurance coverage to all full-time workers and their dependents.
New Care Delivery Models at New Sites

The Association continues to work with its members to develop the evolution of new relationships and organizations for the delivery of care at academic medical centers. With short-term hospitals being used increasingly only for the most acute phase of a patient's illness, medical schools are expanding their teaching sites to include nursing homes and ambulatory care centers. The Association has recently surveyed its medical schools to collect and begin analyzing affiliation arrangements between schools and nursing homes.

Recognizing the importance of patient care revenues in the financing of medical schools, the Association is establishing a new Group on Faculty Practice with representation from medical school practice plans. The group will hold an organizational session at the AAMC's 1987 annual meeting.

Other Issues

The Association also follows these other health-care delivery issues:

- Medicare regulations and procedures
- Accreditation of academic medical centers by the Joint Commission on Accreditation of Healthcare Organizations (formerly the Joint Commission on Accreditation of Hospitals)
- Tax-exempt status for non-profit hospitals
- Tax policy for the unrelated business income of hospitals
- Medical professional liability
- Nursing shortage
- Low level radioactive waste disposal policies
- Organ procurement and transplant regulation
- Health services research
Advancing Institutional Quality

A high priority of the Association is enhancing the leadership and management capabilities of its members to advance institutional quality. This is accomplished through a variety of mechanisms including seminars, accreditation activities, and analytical studies.

Institutional Development

The AAMC Management Education Programs, now in their 16th year, provide a range of educational opportunities for senior academic medical center officials. In addition to the executive development seminars which initiated this program, the Association now offers a variety of special topic seminars designed to improve specific medical center activities. During the last year the following seminars were offered:

—executive development seminar (offered twice)
—information technology and institutional strategy in the academic medical center
—workshops focusing on the design of responsive medical student evaluation systems (offered five times)

Planning is underway for a new series of seminars on problem-based learning.

Faculty and Professional Development

Since January 1987 the Association has been the administrator for the Kaiser Family Foundation Faculty Scholar Program in General Internal Medicine. In this program up to five years of support are provided to exceptionally talented young faculty members in general internal medicine. The program will develop new academic leaders and support the growth of general internal medicine as an integral part of the academic medical center.

Other faculty development activities focus on appointment, promotion and tenure policies, which are changing in medical schools, particularly with respect to the clinical departments, and the career paths and professional activities of faculty members. The advancement of women and minorities into positions of academic leadership has not occurred according to their representation in faculty ranks; strategies to foster such advancement are also part of the AAMC’s faculty development efforts.

The Association supports professional development activities for a range of medical center officials through its groups, five of which are currently operational. The program activities of the groups facilitate interaction among these professionals and with the Association staff and governing bodies.

—Group on Business Affairs: principal business officers, and individuals with general and research administration responsibilities
—Group on Institutional Planning: officials from medical schools and teaching hospitals responsible for planning academic and health care programs, facilities, and marketing efforts
—Group on Medical Education: administrators with responsibilities in the areas of undergraduate, graduate, and continuing medical education; development of instructional resources; and research in medical education
—Group on Public Affairs: medical school and teaching hospital officials working in public relations, alumni affairs, and development
—Group on Student Affairs: dean’s office personnel with responsibility for student affairs, admissions, minority affairs, and student financial aid.

New groups are being formed in international medical education and faculty practice.

Group on Business Affairs
Steering Committee
John Deeley, Chairman
Harvard Medical School
1986–87 Annual Report

Jack Krakower, Ph.D., Executive Secretary
AAMC

Peter R. Chesterton
University of Rochester School of Medicine and Dentistry

Wayne Daley
University of Minnesota, Duluth, School of Medicine

Richard A. Grossi
Johns Hopkins University School of Medicine

James Hackett
West Virginia University Medical Center

Gary H. Hughes, Ph.D.
University of Utah School of Medicine

Roger Meyer
University of California, San Diego, School of Medicine

Ann Payne
Medical University of South Carolina

Lester G. Wilterdink
Albany Medical College

Group on Institutional Planning
Steering Committee
Amber Jones, Chairperson
Albany Medical College

Robert Jones, Ph.D., Executive Secretary
AAMC

J. Peter Bentley, Ph.D.
Oregon Health Sciences University School of Medicine

Victor Crown
University of Pennsylvania School of Medicine

John Eudes
University of Alabama Hospitals

Donald Fenna, Ph.D.
University of Alberta Faculty of Medicine

David R. Perry
St. Louis University School of Medicine

James F. Pfister
University of Illinois College of Medicine

John R. Ruby, Ph.D.
Louisiana State University School of Medicine in New Orleans

Susan Vogt
Dartmouth Medical School

Group on Medical Education
Steering Committee
Gerald Escovitz, M.D., Chairman
Medical College of Pennsylvania

M. Brownell Anderson, Executive Secretary
AAMC

Fredric D. Burg, M.D.
University of Pennsylvania School of Medicine

Charles P. Friedman, Ph.D.
University of North Carolina School of Medicine

Julian I. Kitay, M.D.
University of Texas Medical School at Galveston

S. Scott Obenshain, M.D.
University of New Mexico School of Medicine

Gregory L. Trzebiatowski, Ph.D.
Ohio State University College of Medicine

Tracy Veach, Ed.D.
University of Nevada School of Medicine

Group on Public Affairs
Steering Committee
Arthur M. Brink, Jr., Chairman
Vermont Health Foundation

Charles B. Fentress, Executive Secretary and Treasurer
AAMC

G. Robert Alsobrook
Tulane University Medical Center

Kathleen Conaboy
University of Nevada School of Medicine

Robert Fenley
University of Texas Health Science Center at Dallas

Ellen Soo Hoo
Northwestern University Medical School

J. Antony Lloyd
Beth Israel Hospital, Boston

D. Gayle McNutt
Baylor College of Medicine
Accreditation

The Association participates in accreditation activities to improve the quality of the educational process at its member institutions. Since 1942 the AAMC and the American Medical Association have sponsored the Liaison Committee on Medical Education. The LCME's primary responsibility is to attest to the edu-
With a number of other professional organizations the AAMC participates in the accreditation of residency training programs through the Accreditation Council on Graduate Medical Education and in the accreditation of continuing medical education through the Accreditation Council on Continuing Medical Education.
Task Force on Physician Supply

The supply and deployment of physicians in the United States has been a major topic on our nation's health agenda since the 1980 issuance of the report of the federal government's Graduate Medical Education National Advisory Committee. Prior to that time major policy initiatives had focused on alleviating a perceived shortage of physicians. The GMENAC report, however, predicted a surplus of 70,000 physicians by 1990 and recommended that class size in U.S. medical schools be cut 17 percent in four years. The AAMC, while agreeing that further expansion of medical education capacity was not warranted, argued that the change suggested by GMENAC was too precipitous. The AAMC response to the GMENAC recommendations said:

If the educational capacity of our medical schools is to be reduced, sufficient time must be permitted for planning and implementing the reduction. Changes in class size must take into account the diversity of the institutions, their sponsorship, their special missions, and their multiple sources of support. Given time, the schools will be able to adjust their capacity downward while maintaining, and even enhancing, educational quality. Time will also provide schools and teaching hospitals the opportunity to adjust to the needs of the states and regions to which they may have obligations.

By and large medical schools have responded thoughtfully to the GMENAC report. Some, in their initial phase of development have continued their planned enrollment expansion, while others have acted to reduce enrollments modestly. In total, the national capacity for educating physicians, as represented by new matriculants, has dropped from a peak of 16,620 in 1981 to 16,103 in 1986. A recent AAMC member survey projected a net decline of over 200 additional first-year positions by 1991. The more rapid decline in medical school applicants has triggered concerns that this may portend a decline in the quality of future physicians and biomedical scientists.

Accordingly, the Association is now undertaking a thorough examination of the ramifications of physician supply and demand issues to formulate guiding principles to assist its constituent members and others in addressing these issues in the period ahead. It is particularly important that the AAMC become more fully engaged in this national debate to assure continuing attention to the quality of medical education, biomedical science, and patient care.

The AAMC Executive Council has established the Task Force on Physician Supply charged with:

- reviewing physician supply and production
- considering the necessary manpower mix for provision of services in teaching hospitals
- facilitating access to health care services
- assuring a sufficient number of appropriately trained researchers in biomedical and behavioral sciences.

The final report of the Task Force, due in September 1989, will:

- provide information and policy guidelines on the supply and demand for physicians and medical scientists
- guide AAMC members in the development of policies and programs of education for medicine and medical science
- include analytic approaches to formulating public policy for medical education
- help potential applicants for medical and graduate schools
- assist the medical profession in understanding and responding to the demands of the contemporary environment.
Steering Committee of the Task Force on Physician Supply
Daniel C. Tosteson, M.D., Chairman
Harvard Medical School
William G. Anlyan, M.D.
Duke University
Herman Blake, Ph.D.
Swarthmore College
Don E. Detmer, M.D.
University of Utah
Kimberly Dunn
University of Texas Medical School at Houston
Saul J. Farber, M.D.
New York University School of Medicine
David Korn, M.D.
Stanford University School of Medicine
Russell L. Miller, M.D.
Howard University College of Medicine
Richard H. Moy, M.D.
Southern Illinois University School of Medicine
Martin A. Pops, M.D.
University of California, Los Angeles, UCLA School of Medicine
Mitchell T. Rabkin, M.D.
Beth Israel Hospital, Boston
Carolyn W. Slayman, Ph.D.
Yale University School of Medicine
Javier Vizoso, M.D.
San Diego, California
Virginia V. Weldon, M.D.
Washington University School of Medicine
Frank C. Wilson, Jr., M.D.
University of North Carolina School of Medicine

Committee on Implications of Physician Supply Issues for Medical Student Education
Saul J. Farber, M.D., Chairman
New York University School of Medicine

G. William Bates, M.D.
Medical University of South Carolina
Marjorie Bowman, M.D.
Bowman Gray School of Medicine of Wake Forest University
Don E. Detmer, M.D.
University of Utah
Spencer Foreman, M.D.
Montefiore Medical Center
Phillip M. Forman, M.D.
University of Illinois College of Medicine
Jane E. Henney, M.D.
University of Kansas School of Medicine
Sarah Johansen
Dartmouth Medical School
Leonard E. Lawrence, M.D.
University of Texas Medical School at San Antonio
Russell L. Miller, M.D.
Howard University College of Medicine
Martin A. Pops, M.D.
University of California, Los Angeles, UCLA School of Medicine
Marjorie P. Wilson, M.D.
University of Maryland School of Medicine

Committee on Implications of Physician Supply Issues for Resident and Fellow Education
Mitchell T. Rabkin, M.D., Chairman
Beth Israel Hospital, Boston
William G. Anlyan, M.D.
Duke University
Calvin Bland
St. Christopher’s Hospital for Children
Ruth M. Covell, M.D.
University of California, San Diego, School of Medicine
Walter J. Daly, M.D.
Indiana University School of Medicine
Dunlop Ecker
Washington Hospital Center
Donald G. Kassebaum, M.D.
University of Oklahoma College of Medicine
Representation of Academic Medical Centers

With the Congress

The AAMC represents its constituents through testimony and letters to elected representatives on Capitol Hill and in the executive branch. Since the 100th Congress convened in January 1987, representatives of the AAMC have testified on seven occasions:

—Joseph S. Gonnella, M.D., dean and vice president of Jefferson Medical College, testified before the House Subcommittee on Health and the Environment supporting the reauthorization of the National Center for Health Services Research and Health Care Technology Assessment.

—Robin D. Powell, M.D., dean of the University of Kentucky College of Medicine, appeared before the House Labor-HHS-Education Appropriations Subcommittee urging continued strong federal support for medical research and student financial assistance.

—Milton Cohn, M.D., dean of Georgetown University School of Medicine, argued for more funding for the medical care and research programs of the Veterans Administration in an appearance before the House HUD-Independent Agencies Appropriations Subcommittee.

—Charles M. O'Brien, administrator of Georgetown University Hospital and a member of the COTH Administrative Board, presented the Association’s opposition to the Administration’s proposals to cut the Medicare pass-through for direct medical education costs and the indirect medical education adjustment to the Senate Finance Committee.

—Robert G. Petersdorf, M.D., AAMC president, appeared before the Senate Subcommittee on Labor-HHS-Education Appropriations to present the AAMC views on fiscal year 1988 appropriations for education and research programs. He also testified before the Senate Appropriations Subcommittee on HUD-Independent Agencies in support of adequate funding for Veterans Administration service, education, and research programs.

—James D. Bentley, Ph.D., AAMC vice president for clinical services, appeared before the Senate Finance Committee to recommend that Congress prohibit the Department of Health and Human Services from making changes in the Medicare capital pass-through until Congress enacted legislation directing a specific capital payment methodology.

The AAMC staff has been working with staff of other health professions and education associations to provide linkages between the legislative activities of these Washington-based groups and those of persons with governmental relations responsibilities at medical centers and universities. In order to make the work of these individuals more effective, and to keep the membership abreast of current developments, the AAMC is now periodically developing a Legislative and Regulatory Update. This report will be used in conjunction with meetings of governmental relations representatives staffed by the AAMC and the Association of Academic Health Centers. This activity is designed to facilitate information sharing and coordinated activity of individuals engaging in advocacy on health education and related issues at the federal level. Another outcome of this networking is a session scheduled for the Association’s 1987 annual meeting for government relations representatives to meet with congressional staff about pending issues of interest.

With Other Organizations

The Association works with a number of other organizations to represent the interests of academic medicine. As members of the Council for Medical Affairs, the chief executive and elected officers of the AAMC meet regularly with their counterparts from the American Medical Association, the American Hospital
Association, the American Board of Medical Specialties, and the Council for Medical Specialty Societies. Other organizations at whose meetings the AAMC is regularly represented include the Educational Commission for Foreign Medical Graduates, the National Association for Biomedical Research, the National Board of Medical Examiners, the National Fund for Medical Education, and the Federation of Associations of Schools of the Health Professions. The AAMC is also an important contributor to the deliberations of the Joint Health Policy Committee of the Association of American Universities/American Council on Education/National Association of State Universities and Land Grant Colleges and the Intersociety Council for Biology and Medicine.

One coalition deserves special mention. For the fifth consecutive year the Association provided the primary staff support and played a substantial role in the promotion of the Ad Hoc Group on Medical Research Funding. This coalition of over 170 organizations, the Steering Committee for which is chaired by AAMC Executive Vice President John Sherman, annually recommends more adequate total funding levels for the National Institutes of Health and the Alcohol, Drug Abuse and Mental Health Administration. Congressional reaction to this effort continues to be extremely positive.

With the Departments and Agencies

In addition to commenting on regulatory proposals, the Association makes its views known to executive branch officials through regular meetings with key agencies such as the National Institutes of Health and the Veterans Administration.

The Association also routinely monitors the meetings of certain executive branch administrative entities such as the Council on Graduate Medical Education, the NIH Director’s Advisory Council, the Prospective Payment Assessment Commission, and the Physician Payment Review Commission.
Information Resources and Communications

For constituency organizations like the AAMC, the collection and dissemination of accurate and timely information and communication to and about its members are important activities. The Association serves as the collector and clearinghouse of information for a variety of audiences:

- congressional and legislative officials who propose policies that impact on academic medical centers and teaching hospitals
- the general public through the media
- member institutions and organizations
- other related professional organizations.

Publications

The Association has a comprehensive publications program which provides general and specialized information to its many audiences through a wide variety of periodic publications:

**AAMC Weekly Report**: Reports 45 times a year to more than 6,000 subscribers on AAMC activities and federal actions having a direct impact on medical education, biomedical research, and patient care.

**Journal of Medical Education**: Monthly scholarly journal with circulation of 6,000 includes regular articles, communications, editorials, datagrams, book reviews, and bibliographies.

**Medical School Admission Requirements**: Annual compilation of information on educational programs, student characteristics, and financial requirements for each U.S. and Canadian medical school.

**AAMC Directory of American Medical Education**: Issued annually with information on senior administrative officers and department chairmen for each U.S. and Canadian medical school.

**AAMC Curriculum Directory**: Description of educational program for each U.S. and Canadian medical school, published annually.

**COTH Report**: Monthly circulation of 3,000 on issues relating to teaching hospitals such as reimbursement, graduate medical education, and technology.

The Association has several other newsletters which it issues periodically:

- **STAR** (Student Affairs Reporter) for the Group on Student Affairs
- **Monitor** for the Group on Institutional Planning
- **Forum** for the Group on Business Affairs
- **News and Comment** for the Group on Public Relations
- **Women in Medicine Update** for Women’s Liaison Officers
- **Progress Notes** for the Organization of Student Representatives

The Association in the last year also issued several monographs and reports:

- **Adapting Clinical Education to New Forms and Sites of Health Care Delivery**
- **Trends in Medical School Applicants and Matriculants**
- **Study of How Medical Students Finance Their Education**
- **Medical Education and Evaluation Along the Clinical Continuum: An Annotated Bibliography**
- **AAMC Longitudinal Study of Medical School Graduates of 1960**
- **Medical College Admission Test Users Guide**
- **Women and Minorities on U.S. Medical School Faculties**
- **Report on Medical School Faculty Salaries, 1986-87**
- **COTH Survey of Housestaff Stipends, Benefits and Funding**

Computer and Data Base Resources

The Association’s computer system consists of a Hewlett-Packard 3000, Series 68 and a Hewlett-Packard 3000, Series 48, each with a high
speed laser printer. More than 100 of the Association’s employees interact with the computer center through terminals. There are over 137 data bases developed from a variety of questionnaires, surveys, applications and other source material. These data bases contain a wealth of information which is available to the membership.

—American Medical College Application Service System (AMCAS) provides participating medical schools with data and statistics to support the admissions process of the nation’s applicant pool.

—MEDLOANS provides a comprehensive system for processing medical school student loans for federal loan programs as well as the Association’s own alternative loan program.

—Faculty Roster provides current appointment, employment history, credentials and training, and demographic data for 57,947 active and 66,408 former members of medical school faculties.

—Student and Applicant Information Management System (SAIMS) provides data on more than 550,000 individuals who have been medical school applicants, students, and residents over the last decade. Data are gathered through the MCAT questionnaire, the graduation questionnaire, AMCAS, and resident follow-up and tracking surveys conducted jointly with the National Resident Matching Program.

—Institutional Profile System (IPS) provides on-line repository of information on medical schools containing over 30,000 data items describing medical schools from the 1970s to the present. It is constructed from survey results sent directly from the medical schools and from other AAMC information systems.

—Various directory systems provide the annual and recurring directories of the internal organizations and groups of the Association.

During the last year 23 personal computers were added to the Association’s computer resources. These are used for word processing, data base development, statistical and analytical studies, and graphic design. To assure timely communication, two pilot programs of electronic mail were begun. The first links the members of the Association’s executive committee with the AAMC staff and each other. The second is targeted at members of the Group on Medical Education and the Organization of Student Representatives and is run on the CONFER conferencing system. A unique feature of the system allows participants to enter an item on which all users can exchange information and comments. Current discussion items include software for scoring exams on microcomputers, teaching performance for promotion and tenure decisions, faculty grading problems, and use of syllabi for required courses.

Other Services

The AAMC archives is the repository for the Association’s governance and program records. Over 3,000 items are contained in the governance records which date back to the AAMC’s founding in 1876. Of the almost 4,000 program records in the collection, the earliest is an 1896 annual meeting program. The archives principally serve staff, constituents, and other researchers.

Each fall nearly 4,000 medical educators gather at the AAMC’s annual meeting at which 300 program sessions are scheduled. More than a dozen other academic organizations sponsor sessions in conjunction with this meeting. Each spring the Council of Deans, the Council of Teaching Hospitals, and the Council of Academic Societies hold membership meetings. Other smaller meetings targeted at the professional development needs of the AAMC’s members are held throughout the year.
Committees

The Executive Council and Administrative Boards make extensive use of committees of AAMC constituents to guide their deliberations on key policy matters and to provide oversight for AAMC operations.

AIDS and Academic Medical Centers: Charged with recommending policy positions and initiatives for the Association.

Jay P. Sanford, M.D., Chairman
*Uniformed Services University of the Health Sciences*

Festus Abebonojo, M.D.
*Meharry Medical College School of Medicine*

Richard E. Behrman, M.D.
*Case Western Reserve University School of Medicine*

Kenneth I. Berns, M.D., Ph.D.
*Cornell University Medical College*

James J. Farsetta
*Veterans Administration Medical Center, Brooklyn*

Kevin Flanigan
*Rush Medical College*

William H. Johnson, Jr.
*University of New Mexico Hospital*

Christopher Matthews, M.D.
*University of California, San Diego, School of Medicine*

Janis Mendelsohn, M.D.
*University of Chicago Pritzker School of Medicine*

Robert G. Newman, M.D.
*Beth Israel Hospital, New York*

Vivian W. Pinn-Wiggins, M.D.
*Howard University College of Medicine*

Joe Sigler
*University of Texas Health Sciences Center at Houston*

Mark Smith, M.D.
*University of Pennsylvania School of Medicine*

David Werdegar, M.D.
*Department of Public Health, San Francisco*

Audit: Meets annually with AAMC’s outside auditors to review financial statements before presentation to the governing bodies.

Spencer Foreman, M.D., Chairman
*Montefiore Medical Center*

Milton Corn, M.D.
*Georgetown University School of Medicine*

Douglas R. Knab, M.D.
*Uniformed Services University of the Health Sciences*

Faculty Practice: Charged with identifying the critical issues facing academic medical centers as a result of the changing practice environment, specifying those in which the AAMC could and should have a role, and recommending projects for the AAMC to undertake. Final report presented to Executive Council April 1987.

Edward J. Stemmler, M.D., Chairman
*University of Pennsylvania School of Medicine*

Arnold L. Brown, M.D.
*University of Wisconsin Medical School*

Wilton Bunch, M.D.
*University of Chicago Pritzker School of Medicine*

Saul J. Farber, M.D.
*New York University School of Medicine*

Robert M. Heyssel, M.D.
*Johns Hopkins Health System*
John E. Ives  
*St. Luke's Episcopal Hospital, Houston*

Ernst Knobil, Ph.D.  
*University of Texas School of Medicine at Houston*

Richard G. Lester, M.D.  
*Eastern Virginia Medical School*

Charles A. McCallum, D.M.D., M.D.  
*University of Alabama*

David R. Perry  
*St. Louis University School of Medicine*

Alan K. Pierce, M.D.  
*University of Texas Health Sciences Center at Dallas*

Charles E. Putnam, M.D.  
*Duke University School of Medicine*

Raymond G. Schultz, M.D.  
*UCLA Hospitals and Clinics*

Donald Tower  
*Stanford University School of Medicine*

**Finance:** Reviews the Association's budget, financial statements, and five year plans; makes recommendations on dues and fees.

Edward J. Stemmler, M.D., Chairman  
*University of Pennsylvania School of Medicine*

John W. Colloton  
*University of Iowa Hospitals and Clinics*

Spencer Foreman, M.D.  
*Montefiore Medical Center*

Louis J. Kettel, M.D.  
*University of Arizona College of Medicine*

Frank G. Moody, M.D.  
*University of Texas Medical School at Houston*

Robert G. Petersdorf, M.D.  
*AAMC President*

Virginia V. Weldon, M.D.  
*Washington University School of Medicine*

**Flexner Award Selection:** Chooses recipient of Abraham Flexner Award for Distinguished Service to Medical Education.

W. Donald Weston, M.D., Chairman  
*Michigan State University College of Human Medicine*

Lisa V. Adams  
*Dartmouth Medical School*

Christine K. Cassel, M.D.  
*University of Chicago Pritzker School of Medicine*

John C. Ribble, M.D.  
*University of Texas Medical School at Houston*

Larry Way, M.D.  
*Veterans Administration Medical Center, San Francisco*

David S. Weiner  
*Children's Hospital, Boston*

**House Staff Participation:** Charged with reviewing advisability of providing for house staff participation in the Association and recommending methods for accomplishing such participation. Final report presented to Executive Council September 1987.

Joseph E. Johnson, III, M.D., Chairman  
*University of Michigan Medical School*

S. Craighead Alexander, M.D.  
*University of Wisconsin Medical School*

Gordon I. Kaye, Ph.D.  
*Albany Medical College*

Peter O. Kohler, M.D.  
*University of Texas Medical School at San Antonio*

Eric B. Munson  
*North Carolina Memorial Hospital*

Kirk Murphy, M.D.  
*Hahnemann University School of Medicine*

Richard Root, M.D.  
*University of California, San Francisco School of Medicine*

C. Thomas Smith  
*Yale-New Haven Hospital*

James Stout, M.D.  
*University of Washington School of Medicine*
Graduate Medical Education and the Transition from Medical School to Residency: Charged with examining the effect of selection process for residency committee on students' general professional education. Final report presented to Executive Council January 1987.

Spencer Foreman, M.D., Chairman
Montefiore Medical Center
Arnold Brown, M.D.
University of Wisconsin Medical School
D. Kay Clawson, M.D.,
University of Kansas School of Medicine.
Robert Dickler
University of Minnesota Hospital and Clinic
Mark Dyken, M.D.
Indiana University School of Medicine
Gerald H. Escovitz, M.D.
Medical College of Pennsylvania
J. Roland Folse, M.D.
Southern Illinois University School of Medicine
Joseph S. Gonnella, M.D.
Jefferson Medical College
James J. Leonard, M.D.
Uniformed Services University of the Health Sciences
Carol M. Mangione, M.D.
University of California, San Francisco
Thomas K. Oliver, M.D.
American Board of Pediatrics
Vivian W. Pinn-Wiggins, M.D.
Howard University College of Medicine
Bernice Sigman, M.D.
University of Maryland School of Medicine
Morton E. Smith, M.D.
Washington University School of Medicine

Investment: Reviews management of Association's investments and provides guidelines for investment of Association assets.

Richard Janeway, M.D., Chairman
Bowman Gray School of Medicine of Wake Forest University

James Cavanaugh
Smith, Kline and French Laboratories
Spencer Foreman, M.D.
Montefiore Medical Center
Robert M. Heyssel, M.D.
Johns Hopkins Health System
George Houston
Georgetown University

Journal of Medical Education Editorial Board: Provides guidance for the Association's monthly scholarly journal.

L. Thompson Bowles, M.D., Chairman
George Washington University School of Medicine and Health Sciences
Philip C. Anderson, M.D.
University of Missouri, Columbia, School of Medicine
G. William Bates, M.D.
Medical University of South Carolina
Pamelyn Close, M.D.
Harbor-UCLA Medical Center
Preston V. Dilts, M.D.
University of Michigan Medical School
Nancy E. Gary, M.D.
Robert Wood Johnson Medical School
David S. Greer, M.D.
Brown University Program in Medicine
Paul F. Griner, M.D.
Stong Memorial Hospital
Kaarren K. Hoffman, Ph.D.
University of Southern California School of Medicine
John E. Ives
St. Luke's Episcopal Hospital, Houston
Donald G. Kassebaum, M.D.
University of Oklahoma College of Medicine
Fernando S. Mendoza, M.D.
Stanford University School of Medicine
Emily Mumford, Ph.D.
New York State Psychiatric Institute
Gordon Page, Ed.D.
University of British Columbia Faculty of Medicine
Management Education Programs: Advises on the professional development programs provided by the Association for its constituents.

William H. Luginbuhl, M.D., Chairman
University of Vermont College of Medicine

William T. Butler, M.D.
Baylor College of Medicine

D. Kay Clawson, M.D.
University of Kansas School of Medicine

Robert L. Friedlander, M.D.
Albany Medical College

Jerome B. Grossman, M.D.
New England Medical Center

William B. Kerr
University of California, San Francisco, Medical Center

Hiram C. Polk, Jr., M.D.
University of Louisville College of Medicine

Nominating: Charged with nominating candidates for positions as officers of the Assembly and members of the Executive Council.

Sheldon King, Chairman
Stanford University Medical Center

Douglas Kelly, Ph.D.
University of Southern California School of Medicine

Richard H. Moy, M.D.
Southern Illinois University School of Medicine

C. Thomas Smith
Yale-New Haven Hospital

Research Award Selection: Chooses recipient of annual AAMC Award for Distinguished Research in the Biomedical Sciences.

Leon Rosenberg, M.D., Chairman
Yale University School of Medicine

Kenneth I. Berns, M.D., Ph.D.
Cornell University School of Medicine

Lawrence A. Boxer, M.D.
Mott Children's Hospital

Ralph S. Goldsmith, M.D.
University of California, San Francisco School of Medicine

Peter Kohler, M.D.
University of Texas Medical School at San Antonio

Thomas Stossel, M.D.
Massachusetts General Hospital

Resolutions: Receives and acts on resolutions for presentation to the Assembly.

Robert S. Daniels, M.D., Chairman
Louisiana State University School of Medicine at New Orleans

Vicki Darrow, M.D.
University of Washington School of Medicine

Earl Frederick
Children's Hospital, Chicago

A. Everette James, M.D.
Vanderbilt University School of Medicine

Strategies for Promoting Academic Medical Centers: A joint committee with the Association of Academic Health Centers, charged with investigating whether the AAMC and the AAHC have a role in assisting member institutions with promotional activities. Final report presented to Executive Council April 1987.

D. Gayle McNutt, Chairman
Baylor College of Medicine

Roger J. Bulger, M.D.
University of Texas Health Sciences Center
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James Christensen, M.D.
*University of Iowa School of Medicine*

Milton Corn, M.D.
*Georgetown University School of Medicine*

J. Roland Folse, M.D.
*Southern Illinois University School of Medicine*

James C. Hunt, M.D.
*University of Tennessee*

John E. Ives
*St. Luke’s Episcopal Hospital, Houston*

J. Antony Lloyd
*Beth Israel Hospital, Boston*

Gary A. Mecklenburg
*Northwestern Memorial Hospital*

Robert H. Waldman, M.D.
*University of Nebraska College of Medicine*
Financial Report

Treasurer's Report

The Association’s Audit Committee met on September 3, 1987, and reviewed in detail the audited financial statements for the fiscal year ending June 30, 1987. Meeting with the committee were representatives of Ernst & Whinney, the Association’s auditors, and Association staff. On September 10 the Executive Council reviewed and accepted the final unqualified audit report.

Income for the year totaled $13,414,044. Of that amount $12,526,115 (93.4%) originated from general fund sources, $429,000 (3.2%) from foundation grants, and $458,929 (3.4%) from federal government grants and contracts.

Expenses for the year totaled $13,414,983 of which $12,611,609 (94%) was charged to the continuing activities of the Association, $344,445 (2.6%) to foundation grants, and $458,929 (3.4%) to federal government grants and contracts. Balances in funds restricted by grantors increased $125,295 to $508,614. After making provisions for Executive Council designated reserves for special programs in the amount of $781,000, unrestricted funds available for general purposes decreased $539,529 to $10,948,595, an amount equal to 82% of the expense recorded for the year. This reserve accumulation is within the directive of the Executive Council that the Association maintain as a goal an unrestricted reserve of 100% of the Association’s total annual budget.
### Association of American Medical Colleges

#### Balance Sheet

*June 30, 1987*

<table>
<thead>
<tr>
<th>ASSETS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash &amp; Cash equivalents</td>
<td>$1,332,446</td>
<td></td>
</tr>
<tr>
<td>Investments</td>
<td>18,862,259</td>
<td></td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td>287,625</td>
<td></td>
</tr>
<tr>
<td>Deposits and Prepaid Items</td>
<td>183,124</td>
<td></td>
</tr>
<tr>
<td>Equipment (Net of Depreciation)</td>
<td>842,243</td>
<td></td>
</tr>
<tr>
<td>Land and Building (Net of Depreciation)</td>
<td>852,589</td>
<td></td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td><strong>$22,360,286</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIABILITIES AND FUND BALANCES</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts Payable</td>
<td>$2,624,185</td>
<td></td>
</tr>
<tr>
<td>Deferred Income</td>
<td>1,613,171</td>
<td></td>
</tr>
<tr>
<td><strong>Fund Balances</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funds Restricted by Grantor for Special Purposes</td>
<td>508,614</td>
<td></td>
</tr>
<tr>
<td>General Funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funds Restricted for Plant Investment</td>
<td>$496,856</td>
<td></td>
</tr>
<tr>
<td>Funds Restricted by Executive Council for Special Purposes</td>
<td>4,474,033</td>
<td></td>
</tr>
<tr>
<td>Investment in Property and Equipment</td>
<td>1,694,832</td>
<td></td>
</tr>
<tr>
<td>General Purposes Fund</td>
<td>10,948,595</td>
<td>17,614,316</td>
</tr>
<tr>
<td><strong>Total Liabilities and Fund Balances</strong></td>
<td><strong>$22,360,286</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Association of American Medical Colleges

#### Operating Statement

*Fiscal Year Ended June 30, 1987*

<table>
<thead>
<tr>
<th>SOURCE OF FUNDS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dues and Service Fees from Members</td>
<td>$3,605,327</td>
<td></td>
</tr>
<tr>
<td>Private Grants</td>
<td>429,000</td>
<td></td>
</tr>
<tr>
<td>Cost Reimbursement Contracts</td>
<td>458,929</td>
<td></td>
</tr>
<tr>
<td>Special Services</td>
<td>5,404,389</td>
<td></td>
</tr>
<tr>
<td>Journal of Medical Education</td>
<td>95,667</td>
<td></td>
</tr>
<tr>
<td>Other Publications</td>
<td>418,631</td>
<td></td>
</tr>
<tr>
<td>Sundry (Interest $1,914,003)</td>
<td>3,002,101</td>
<td></td>
</tr>
<tr>
<td><strong>Total Source of Funds</strong></td>
<td><strong>$13,414,044</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USE OF FUNDS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Expenses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries and Wages</td>
<td>$6,022,910</td>
<td></td>
</tr>
<tr>
<td>Staff Benefits</td>
<td>1,086,316</td>
<td></td>
</tr>
<tr>
<td>Supplies and Services</td>
<td>4,162,900</td>
<td></td>
</tr>
<tr>
<td>Provisions for Depreciation</td>
<td>324,650</td>
<td></td>
</tr>
<tr>
<td>Travel and Meetings</td>
<td>1,250,906</td>
<td></td>
</tr>
<tr>
<td>Contracted Services</td>
<td>569,722</td>
<td></td>
</tr>
<tr>
<td><strong>Net (Gain) on Disposal of Fixed Assets</strong></td>
<td>[ 2,421]</td>
<td></td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td><strong>$13,414,983</strong></td>
<td></td>
</tr>
<tr>
<td><strong>(Decrease) in Investment in Property and Equipment</strong></td>
<td>[ 55,045]</td>
<td></td>
</tr>
<tr>
<td><strong>Transfer to Executive Council Reserved Funds for Special Programs</strong></td>
<td>198,980</td>
<td></td>
</tr>
<tr>
<td><strong>Reserve for Replacement of Equipment</strong></td>
<td>269,360</td>
<td></td>
</tr>
<tr>
<td><strong>Increase in Restricted Fund Balances</strong></td>
<td>125,295</td>
<td></td>
</tr>
<tr>
<td><strong>(Decrease) in General Purposes Funds</strong></td>
<td>[ 539,529]</td>
<td></td>
</tr>
<tr>
<td><strong>Total Use of Funds</strong></td>
<td><strong>$13,414,044</strong></td>
<td></td>
</tr>
</tbody>
</table>
Sponsored Programs  
current as of September 30, 1987

Private Foundation Support

Baxter American Foundation
Burroughs Wellcome Fund
Support for the annual AAMC Award for Distinguished Research in the Biomedical Sciences

Commonwealth Fund
A three year grant to develop a better policy analysis capability for teaching hospitals ($496,000)

Robert Wood Johnson Foundation
A four year grant for the preparation and publication of information on minorities in medical education ($50,000)

Henry J. Kaiser Family Foundation
Award to support first year administration of the Kaiser Family Foundation Faculty Scholars in General Internal Medicine program ($158,550)

A three year award for the establishment and operation of an advisory committee for the New Pathway Program at Harvard Medical School ($114,000)

W. K. Kellogg Foundation
Support for two symposia on the changing needs for clinical education and practice in the nation’s academic health centers ($40,000)

Federally Sponsored Programs

Department of Health and Human Services
Health Resources and Services Administration
A three year Health Careers Opportunities Program grant to conduct workshops on admissions, counseling, and early identification of potential underrepresented students ($227,000)

An eighteen month contract for a study of differential analysis of medical schools with high and low minority graduation rates ($84,700)

A nine month contract to study differences between minority and non-minority non-matriculants and between minority matriculants and non-matriculants ($23,894)

A fifteen month contract to study the transition of medical education programs from hospital inpatient to ambulatory training programs ($137,856)

National Institutes of Health
A five year contract for the continued maintenance and development of the faculty roster data base system and for the conduct of policy studies ($535,470)

Corporate Grants

The following corporations support the general operations of the Association as sustaining and contributing members:

Abbott Laboratories
Baxter Travenol
Bristol Laboratories
Ciba-Geigy Corporation
Eli Lilly & Company
Merck, Sharpe & Dohme
Miles Laboratories
Morgan Guaranty Trust
Ortho Pharmaceutical Corporation
Pfizer, Inc.
A. H. Robins Company, Inc.
Sandoz Pharmaceutical Corporation
Syntex Corporation
AAMC Staff

In early 1987 a new staff organization of the Association was implemented. Its major features were:
— an expansion in the Office of the President to strengthen its analytical capabilities
— centralization of the Association's governmental relations activities under the direction of the senior vice president
— creation of programmatic divisions for biomedical research, academic affairs, clinical services, institutional planning and development, and communications.

Recruitment for senior level positions is now complete and the Association staff has been strengthened by the addition of individuals with recent medical center experience. The organization of the staff on a functional, matrix basis is designed to improve and expand the quality of services offered and to provide a better interaction of the constituents with all staff.

Office of the President

President
Robert G. Petersdorf, M.D.

Executive Vice President
John F. Sherman, Ph.D.

Senior Vice President
Richard M. Knapp, Ph.D.

Associate Vice President
Thomas J. Kennedy, Jr., M.D.

Assistant Vice President
Kathleen S. Turner

Special Assistant
Rosemary Choate

Executive Assistant
Rose Napper
Norma Nichols
Elizabeth Rahimi

Administrative Assistant
Sandra Taylor
Cynthia Withers

Office of Governmental Relations

Senior Vice President
Richard M. Knapp, Ph.D.

Legislative Analyst
Catherine Cahill
Sarah B. Carr
David B. Moore
James G. Terwilliger

Executive Assistant
Elizabeth A. Rahimi

Administrative Assistant
Tonya L. Borges
Ferne E. Hughes

Office of General Counsel

General Counsel
Joseph A. Keyes, Jr.

Office of Administrative Services

Vice President
Edwin Crocker

Associate Director
Jeanne Newman

Business Manager
Samuel G. Morey

Personnel Manager
Carolyn Curcio

Supervisor, Membership and Publication Orders
Madelyn Roche

Staffing/Benefits Specialist
Donna Adams

Administrative Assistant
Carolyn Demorest
Anita Ross

Accounting Assistant
Cathy Brooks

Accounts Payable/Purchasing Assistant
Farisse D. Moore

Accounts Receivable Assistant
Richard Helmer
Division of Communications

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Elizabeth M. Martin
Administrative Assistant
Betty Lou Atkins

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Charles Fentress, Jr.
Administrative Assistant
Sandra Dunmore

Section for Publications

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Associate Editor
James R. Ingram
Assistant Editor
Addeane Caelleigh
Staff Editor
Vickie Wilson Ahari
Administrative Assistant
Cynthia Turner

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Open
Deputy Director
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Staff Associate
Dorothy J. Lehrman
Allan C. Shipp
Administrative Assistant
Jane Donovan

Division of Academic Affairs

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Associate Vice President
Louis J. Kettel, M.D.*
Senior Staff Associate
Mary H. Littlemeyer
Administrative Assistant
Amy Eldridge

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Senior Staff Associate
M. Brownell Anderson

Director, MCAT Program
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Director, Student Studies
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Judith Koenig

Staff Associate
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Pierce Barker, Ph.D.
Robert A. Haynes, Ph.D.
Diane W. Lindley
Wendy L. Luke
Anastasia E. Raczek

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Gretchen C. Chumley

Administrative Assistant
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Debra S. Dabney
Constance A. Felder
Mary E. Gorman
Wendy J. Pickard
M. LaVerne Tibbs

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Associate Director
Robert Colonna

Manager
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Alice Cherian
Edward Gross
Mark S. Wood

Supervisor
C. Sharon Booker
Hugh Goodman
Lillian T. McRae
Dennis Renner
Walter L. Wentz
John Woods

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Michelle Davis
Gwendolyn Hancock
Warren Lewis
Mary Molyneaux
Helen Thurston
Edith Young

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Wanda Bradley
Marvin Brimage
Kevin A. Christian
James E. Cobb
Wayne Corley
Keiko Doram
Karla R. Dixon
Carl Gilbert
Donald Hough
Jimmie Jenkins
Patricia Jones
Gwynne Kostin
Yvonne Lewis
Maxine L. Palmer
Duane C. Pattillo
Virginia Robinson
Christina Searcy
Henry E. Stokes
Tamara M. Wallace
Gail Watson
Pamela Watson

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Denise Howard
Mary E. Reed

Receptionist/Typist
Sandra J. Smalls

Section for Minority Affairs

Director
Dario O. Prieto

Staff Associate
Mary T. Cureton
Elsie Quinones

Administrative Assistant
Lili May Johnson

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Program Manager
Marcie Foster

Administrative Assistant
Dorothy Mallorey
Beryl Parker
Section for Institutional Studies

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**Staff Associate**
Janet Bickel

**Research Assistant**
Laura Biesiadecki

**Administrative Assistant**
Linda Butler

Section for Accreditation

**Administrative Assistant**
Linda Flack

Section for Operational Studies

**Associate Vice President**
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**Senior Staff Associate**
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**Director, Faculty Roster**
Nancy O. Gentile

**Director, Institutional Data Systems**
Jack Krakower, Ph.D.

**Director, Student and Applicant Information Management System**
Charles Killian

**Research Associate**
Gail Ahluwalia
Judith B. Frost
William C. Smith
Leon Taksel
Charles Thomson
Donna J. Williams

**Staff Associate**
Aarolyn B. Galbraith

**Research Assistant**
Elizabeth A. Sherman

**Staff Assistant**
Sandra Garbrecht

**Administrative Assistant**
Dorothea Hudley
Dawn Walley

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**Vice President**
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**Special Assistant**
Melissa H. Wubbold

**Staff Associate**
Judith L. Teich

**Survey Assistant**
Janie S. Bigelow

**Administrative Assistant**
Marjorie R. Lawal

Section for Provider and Professional Affairs

**Director**
Nancy E. Seline

**Research Associate**
Linda E. Fishman

**Staff Associate**
Ivy Baer

**Staff Assistant**
Sonia M. Kohan

**Administrative Assistant**
Cassandra R. Veney

*effective 1/1/88