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PROFILE: OHIO STATE REGIONAL MEDICAL PROGRAM

GRANTEE: Ohio State University  
College of Medicine  
410 West Tenth Avenue  
Columbus, Ohio 43210

PROGRAM COORDINATOR: Neil C. Andrews, M.D.  
1480 West Lane  
Columbus, Ohio 43210

Originally prepared by: James A. Smith  
Operations Officer

Original date: September 16, 1969

Up-dated: \_\_\_\_\_  
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OHIO STATE  
Regional Medical Programs

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## I. Geography

A. Map of the Region is attached

### B. Boundary conflicts

The regional boundaries may change as the RMP's centered in the medical schools at Cincinnati, Cleveland and Toledo expand.

### C. Geographic Area

The Ohio State University and its College of Medicine are located essentially in the geographical center of the state of Ohio at Columbus, which is the state capital. This College of Medicine is the largest in the state, the other three being located in Toledo, Cleveland, and Cincinnati.

At the direction of the Ohio Board of Regents, the Ohio State University College of Medicine proposes the establishment of a regional medical program for Heart Disease, Cancer, Stroke and related diseases throughout the sixty-one counties which compose the central and southern two-thirds of the state.

# CONGRESSIONAL DISTRICTS



Published by  
TED W. BROWN  
Secretary of State

Map of Ohio showing Congressional Districts established  
by act of the 107th General Assembly.

OS-RMP REGION OUTLINED IN PURPLE

## II. Demography

A. Population: As of 1965, there were roughly 4.5 million people residing in this region.

1. Roughly 73% urban
2. Roughly 92% white
3. Median age: 29.5 years (U.S. - 29.5 years)

B. Health statistics: Mortality rate

1. Rate for heart disease: 381/100,000 (high)
2. Rate for cancer: 150/100,000 (average)
3. Rate for CNS vascular lesions: 113/100,000 (high)

C. Facilities statistics:

1. Ohio State University Medical School
2. There are 14 nursing schools, all located in major cities.
3. There are 9 medical technology facilities, all in major cities.
4. There are 8 X-ray technology facilities.
5. There is one cytotechnology facility located at Ohio State University.
6. There is a total number of 100 hospitals in the region, (the majority being non-federal) with a total number of 19,384 beds.
7. There is a Cancer Clinic located in Columbus, utilized for diagnosis, some patient care, and teaching in the field of cancer.
8. Ohio State University provides cardiovascular services, with a 30-bed Cardiology ward, an 8-bed CCU and an active out-patient clinic.

D. Personnel facilities

1. There are 4,529 M.D.'s and 470 D.O.'s within this region.
2. The number of physical therapists number 248 and there are also 53 medical social workers.
3. There are 20,429 registered nurses in this region.

### III. Politics

A. Governor: James A. Rhodes (R), 1967-1971

B. Senators:

1. Stephen M. Young (D), 1964-1971  
Member, Public Works Committee  
Member, Special Committee on Agina
2. William B. Saxbe (R), 1968-1975  
Member, Labor and Public Welfare Committee  
Member, Special Committee on Aging

C. Congressmen:

1. William H. Harsha (R)  
Member, Public Works Committee
2. Clarence E. Miller (R)  
Member, Public Works Committee
3. Frank T. Bow (R)  
Member, House Appropriations Committee
4. John M. Ashbrook (R)  
Member, Education and Labor Committee
5. C. W. Whalen, Jr. (R)
6. William McCulloch (R)
7. D. L. Latta (R)
8. C. J. Brown, JR. (R)
9. Jackson E. Betts (R)
10. Samuel L. Devine (R)
11. Chalmers P. Wylie (R)
12. Wayne Hayes (D)
13. Donald E. Lukens (R)

V. Historical Review

May 1966	President Novice G. Fawcett, Ohio State University, appoints Regional Advisory Committee for the Ohio State Regional Medical Program.
June 1966	First Planning Application submitted to DRMP by OSRMP - \$1,683,500 DC 1st year.
June 2-3, 1966	Planning Application reviewed by Special <u>Ad Hoc</u> Review Group, DRMP. Recommended deferral of application because of vague status of Regional Advisory Group, excessive budget and other considerations. Agreed to furnish RMP staff assistance.
June 21-22, 1966	National Advisory Council recommended deferral of application pending staff consultation and assistance to applicant.
October 10, 1966	Revised initial Planning Application submitted to DRMP - \$132,300 DC 1st year.
February 1967	Council recommended approval of the application for an amount not to exceed \$100,000.
April 1967	01 Planning award made for \$98,805 DC.



November 1967

Letter from Dr. Andrews, Program Director, Ohio State RMP to Dr. Vincent J. Carolla, Operations Officer, requesting an extension of current support until June 30, 1968 in the amount of \$24,701.

December 1967

01S1 - extension of planning award made for \$24,701 DC.

April 1968

01S2 - Approval of application for Mobile Coronary Care Unit for \$164,502 DC.

April 1968

02 Planning grant submitted to DRMP - \$1,766,458 DC; total - \$1,122,528 (DC) (first year). Includes 4 feasibility studies.

May 1968

National Advisory Council recommended approval conditional upon:

1. Reduction of about 50 percent of funds for core planning for first year.
2. Site visit by a technical team of computer specialists to clarify questions concerning the computer assisted study.

June 1968

02 Planning award - \$920,962 DC. for core staff and four feasibility studies.

September 1968

Submitted first operational proposal for 5 projects.

December 1968

Site visit ( Samuel Proger, M.D. Miss Loanna Biers, Kevin Bunnell, Ed.D., Mr. Glenn Lamson, Mrs. Patricia McDonald.

Comments: The site visitors concluded their review with an overall favorable impression of the Ohio State Regional Medical Program. Many aspects of the program are still in the developing stages and there are some unanswerable questions about the program. However, the site visitors thought that what the Region is working toward is good, and that they could confidently report finding a viable Region which should become an operational regional medical program.

February 1969

Council approves proposal with recommendations suggested by Committee.

Main comments:

1. Reviewers accepted the recommendations of the site visit report.
2. Noted that the development of local planning committees to achieve local involvement, is a creditable component.
3. Core staff is making desirable efforts to contact persons in the periphery about the RMP.
4. Involvement of physicians, allied Health personnel, and hospital administrators has been accomplished.

March 1969

Second operational proposal with 5 projects and core staff renewal.

April 1969

Third operational proposal with one project.

May 1969

01 Operational award - \$199,374 DC.  
Core support to be awarded later in an amended award.

June 1969

First operational award amended to (\$194,367).

1. Continue planning as core.
2. Award support for two projects.
3. Authorize use of unexpended balance.

August 1969

Fourth operational proposal with three projects.

December 1969

Fifth operational proposal.

V. Core Staff

- A. The Ohio State Regional Medical Program office is located at 1480 West Lane in Columbus, Ohio.
- B. The following is a list of the major Core staff and their positions:

Neil C. Andrews, M.D.	Coordinator ( 80%)
Charles H. White, Ph.D.	Associate Coordinator (100%)
Braxton E. Tewart	Dir., Div. of Field Relations (100%)
Gerald D. Fry	Asst. Dir, Field Relations (100%)
John P. Minton, M.D.	Cancer Programs (50%)
John H. Melvin, M.D.	Stroke Programs (50%)
Robert C. Ringe, Ph. D.	Dir., Div. of Public Information (100%)
John A. Carniscioni	Dir., Div. of Evaluation (50%)
William J. Ranieri	Dir., Div. of Hospital Services (100%)

## BIOGRAPHICAL INFORMATION

### 1) Neil C. Andrews, M.D.

- a) Born Spokane, Washington, 1916
- b) B.A., University of Oregon, 1940
- c) M.D., University of Oregon Medical School, 1943
- d) M.M.Sc., Ohio State University, 1950
- e) Professor of Thoracic Surgery, Ohio State University
- f) Assistant Dean, Ohio State University, College of Medicine
- g) Coordinator, Chemotherapy of Solid Tumors, Department of Surgery, Ohio State University
- h) Coordinator of the Ohio State Regional Medical Program

### 2) Charles H. White, Ph.D.

- a) Born Muskogee, Oklahoma, 1929
- b) B.M., University of Michigan, 1953
- c) M.M., University of Michigan, 1959
- d) Ph.D., Ohio State University
- e) Assistant Professor, College of Medicine, 1967
- f) Program Director, Medical Education Specialists Fellowship Program, 1967
- g) Associate Director, Ohio State Regional Medical Program, 1968
- h) Associate Coordinator, Ohio State Regional Medical Program, 1969

### 3) Robert C. Ringe, Ph.D.

- a) B.A., Capital University, Columbus, 1960
- b) M.A., Ohio State University, 1962
- c) PH.D., Ohio State University, 1969
- d) Research Fellow in the Division of Medical Education, College of Medicine, O.S.U.
- e) Director of Public Information, Ohio State Regional Medical Program.

### 4) Marilyn G. Fitch

- a) Born Akron, Ohio, 1944
- b) B.A., Ohio State University (Journalism)
- c) Assistant Editor of Publication, Landmark Farm Bureau Cooperative Association, 1967-July 1968.
- d) Assistant Editor, Ohio State Regional Medical Program

### 5) Braxton E. Tewart

- a) B.Sc., Ohio State University, 1949
- b) Executive Director, Dade County Unit of American Cancer Society, 1952-1955.
- c) Director of Field Services, 1955-1958
- d) Executive Dir. Nebraska Div. of American Cancer Society, 1958-62
- e) Executive Dir. Essex Cty Heart Assoc. 1965 -
- f) Part time program Associate of N.J. RMP, 1967
- g) Director, Division of Field Relations, OS/RMP

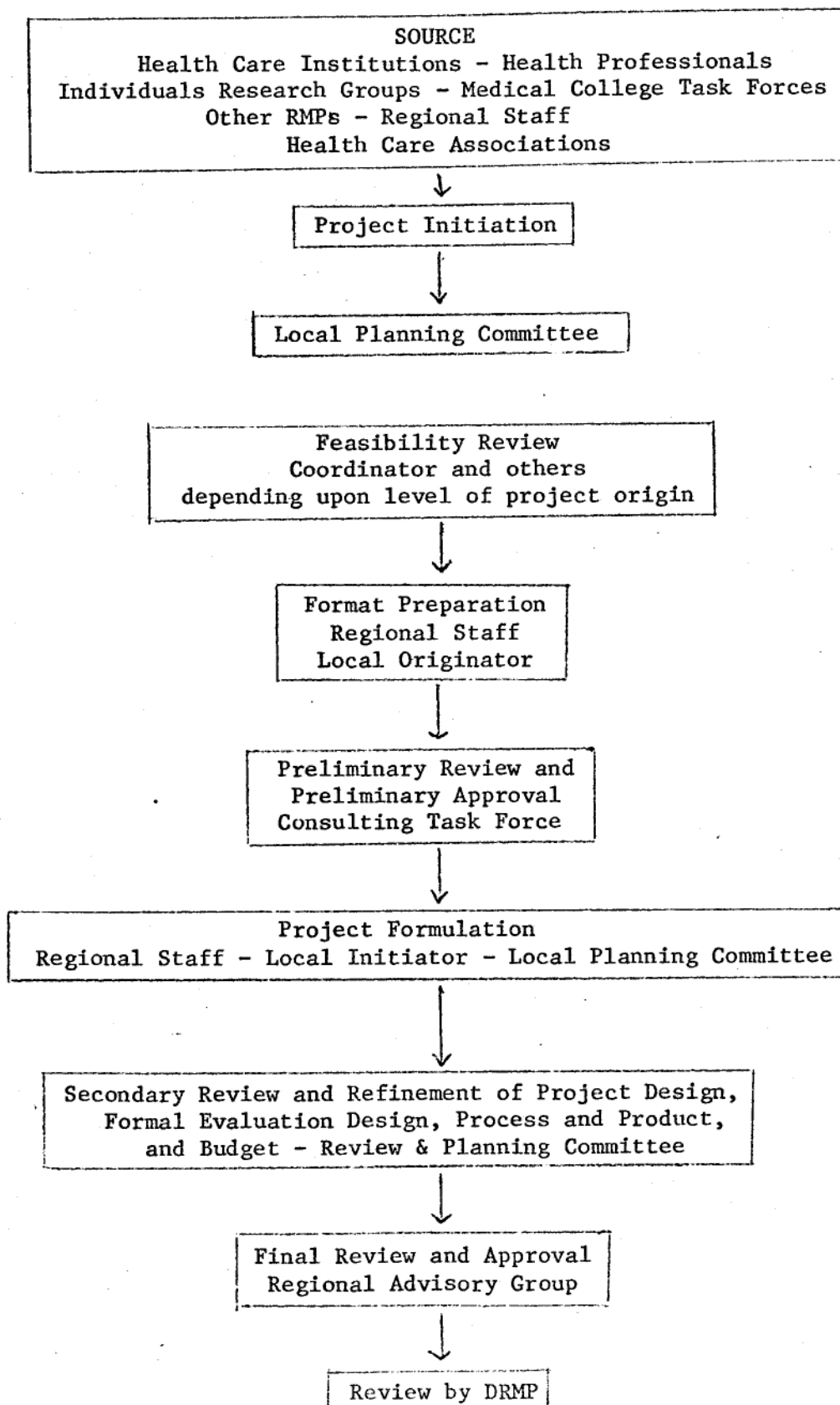
6) Gerald D. Fry

- a) Born Ancona, Illinois, 1915
- b) B.A., Bowling Green State University, 1936
- c) M.A., Ohio State University, 1937
- d) Employee of Kansas Community Chest Statistical Dept., 1937-40
- e) Field Representative, Missouri TB Association, 1940-44
- f) Executive Director, Dallas T.B. Association, 1944-46
- g) Executive Director, T.B. Society of Columbus and Franklin Cty. 1946-66
- h) Program Director, American Cancer Society, 1966
- i) Assistant Director, Field Relations, OS/RMP

7) John L. Melvin, M.D.

- a) Born Columbus, Ohio, 1935
- b) B. Sc., Oberlin College, Ohio State University, 1955
- c) M.D., Ohio State University, 1960
- d) M.M.Sc., Ohio State University, 1966
- e) Assistant Professor, Dept. of Physical Medicine, College of Medicine, Ohio State University, 1966 -
- f) Chairman, Stroke Task Force Committee, Ohio State RMP, 1967 -
- g) Member, RAG, Ohio State RMP, 1969 -

## Project Flow Chart



## VI. Organization

### A. Regional Advisory Group

1. Grantee appoints the chairman of the RAG.
2. RAG consists of 36 members including 9 physicians, 1 hospital associate executive, 1 hospital administrator, and 1 business executive.
3. Members appointed by President
4. Meets at least 3 times per year and on call.

### B. Steering Committee

1. composed of 12 members of the Regional Advisory Group
2. functions: review all grant requests prior to their presentation to the total RAG.

C. A chart of the organization is attached.

### D. Local Planning Committees

1. Members - 7-15 representing a cross section of the various health professions and agencies in the community.
2. Meet at set regular intervals.
3. Functions:
  - a. To analyze and review the specific heart, cancer and stroke health needs of local communities
  - b. To generate and develop policies, proposals and programs which will satisfy these assessed needs.

## VII. Funded Operational Projects

### #1 -- CORONARY CARE UNIT EDUCATION

Objectives: This is a training program for practicing nurses, nurse-educators, and physicians. It is a cooperative effort between the Central Ohio Heart Association and the Ohio State University College of Medicine. Hospitals in 10 cities will serve as the "core" of each surrounding geographical area. Two nurses will be selected from each core hospital for intensive training in Columbus as nurse educators. Seminars for physicians will be held in core hospitals. There will be two programs for training practicing RN's. A full-time, 2-week course will be given in Columbus; courses will be offered in the core hospitals one evening per week in 2-hour periods for a total time of 33 weeks. If course space is available, applicants will be accepted for the program in Columbus from outside the area of the Central Ohio Heart Association. (The COHA covers 47 of the 61 counties within the OSRMP.) Audiovisual equipment and supplies are requested in order to investigate the types of aids needed by the core hospitals to insure adequate presentation of professional materials.

### #2 -- A REHABILITATION TRAINING PROJECT FOR HEALTH PROFESSIONALS (LICKING COUNTY MEMORIAL HOSPITAL)

Objectives: A model stroke rehabilitation unit will be developed in phases, which consist of placing completed stroke patients on a single unit; acquiring aid-to-daily living equipment; and organizing an occupational therapy unit. A beginning faculty will be designed from among existing personnel at the hospital and additional faculty will be recruited in order to expand educational activities into homes, nursing homes, and continuing education programs. The project director, assisted by consultants in medical education, will develop instruments for evaluation. The types of measures to be developed are discussed in the application. One goal of this project is to develop a body of educational materials and training experiences.

### #3 -- CAREERS IN HEALTH SCIENCE PROGRAM

Objectives: This project is designed to stimulate interest among high school students in health science careers. It will be directed by volunteers and existing staff of the Ohio Academy of Sciences. The Academy previously has engaged in a number of recruitment activities which can be modified to the health sciences.



#4 -- SUDDEN DEATH: A MOBILE CORONARY CARE UNIT

Objectives: Funded 7/1/68 from earmarked funds; this is appropriated to continue 2 more years. It is viewed as an investigation and fact-finding activity; to investigate the events leading to either "sudden death" or myocardial infarction outside the hospital; and to study the effectiveness of preventive and therapeutic efforts.

#5 -- THE DEVELOPMENT OF A CRITICAL DATA BASE FOR PLANNING

Objectives: Funded as feasibility study 7/1/68. Original purpose was to develop Data Bank to assist in assessment of health needs and resources of community served by OSRMP. Undertaken by the Division of Community Health of the Department of Preventive Medicine at Ohio State. Data Bank is intended to serve needs of other agencies, institutions and regional medical programs in the State.

#6 -- PROPOSAL FOR THE USE OF COMPUTER-ASSISTED INSTRUCTION IN MEETING INFORMATION NEEDS OF LOCAL COMMUNITY HEALTH PRACTITIONERS

Objectives: Funded as feasibility study. Activity constitutes continuing effort, within the health field, to establish and evaluate a computer-based information network having CAI capabilities. Project will expand the small network established during the first year in 4 community hospitals to additional hospitals throughout the Region. This expansion includes provisions for cost sharing by local communities.

#7 -- COUNCILS FOR CONTINUING EDUCATION: A PROJECT TO DEVELOP COORDINATED PROGRAMS FOR HEALTH PROFESSIONALS

Objectives: Seeks to develop a mechanism for coordinated programs of continuing education. An area or local council for continuing education will be established in Springfield, Ohio. Educational needs and desires of health personnel in the area will be studied, and Educational Programs developed. Bibliography of resources available locally will be prepared. Council will serve as a clearinghouse of information about programs that would benefit health personnel.

#8 -- COUNCIL FOR CONTINUING HEALTH EDUCATION: A PROJECT TO  
DEVELOP ORGANIZED EDUCATION PROGRAMS FOR HEALTH  
PROFESSIONALS

Objectives: To develop a Council for Continuing Education  
composed of the leadership from all health  
professions in the Greater Portsmouth Ohio area. Generally  
intends to coordinate existing continuing education oppor-  
tunities, to create new programs to meet documented needs,  
to act as a clearinghouse for information, and to evaluate  
the total program.

## APPENDIX

## CURRICULUM VITAE

Neil C. Andrews, M.D.

**Born:** March 31, 1916, Spokane, Washington

**Titles:** Professor of Thoracic Surgery, Ohio State University  
Assistant Dean  
Ohio State University, College of Medicine  
Coordinator, Chemotherapy of Solid Tumors, Department of Surgery,  
Ohio State University  
Coordinator of The Ohio State Regional Medical Program

**Education:** B.A. University of Oregon 1940  
M.D. University of Oregon Medical School 1943  
M.M.Sc. Ohio State University 1950

**Married:** Mary Marthella Glover, Portland, Oregon March 20, 1943

**Children:** Joan Corbly Andrews Born March 4, 1954  
David Corbly Andrews Born March 15, 1956

**Career:** Internship, Union Memorial Hospital, Baltimore, Maryland 1943  
Assistant Surgical Resident, Union Memorial Hospital, Baltimore,  
Maryland 1944  
Resident in Surgery, Jefferson Hospital, Roanoke, Virginia 1944-45  
Assistant Resident, Department of Research Surgery, Ohio State  
University 1947-49  
Instructor, Department of Anatomy, Ohio State University 1947-51  
Instructor, Department of Research Surgery, Ohio State University  
1947-52  
Resident, Department of Research Surgery, Ohio State University  
1949-50  
Chief of Surgery, Ohio Tuberculosis Hospital 1950-66  
Attending Staff, University Hospitals 1950-  
Assistant Professor, Division of Thoracic Surgery, Ohio State  
University 1952-57  
Consultant, Veterans Administration Hospital, Chillicothe, Ohio 1953-  
Consultant, Veterans Administration Hospital, Dayton, Ohio 1954-  
Associate Professor, Division of Thoracic Surgery, Ohio State  
University 1957-67  
Area Consultant in Thoracic Surgery, Veterans Administration 1960-  
Coordinator, Chemotherapy of Solid Tumors, Department of Surgery,  
Ohio State University 1961-  
Consultant in Thoracic Surgery, Ohio Tuberculosis Hospital 1966-  
Assistant Dean and Coordinator of Research and Training, Ohio  
State University College of Medicine 1966-  
Program Director, The Ohio State Regional Medical Program 1966-67  
Coordinator, The Ohio State Regional Medical Program 1967-  
Professor, Division of Thoracic Surgery, Ohio State University 1967-

**Awards:** Diplomate, American Board of Surgery 1952  
Diplomate, Board of Thoracic Surgery, 1953

## Associations, Societies, and Offices Held

### ✓ Ohio Thoracic Society - 1949

1960-63 Program Committee  
1963-64 Secretary-Treasurer  
1964-65 Vice President  
1965-66 President

### ✓ Academy of Medicine, Columbus and Franklin County - 1950

1961-62 Education and Program Committee  
1966- Medical Advisory Committee to the Tuberculosis Society  
of Columbus and Franklin County

### ✓ Ohio State Medical Association - 1950

### ✓ American Medical Association - 1950

### Columbus Surgical Society - 1950

1962-63 Program Committee

### ✓ Ohio Chapter, American College of Chest Physicians - 1950

1964-65 Secretary-Treasurer  
1965-66 Vice President  
1966-67 President

### ✓ American Thoracic Society - 1951

1961-63 Committee on Surgery  
1965- Committee on Research

### National Tuberculosis Association - 1951

### ✓ American Association for Thoracic Surgery - 1956

1956-57 Associate Member  
1958- Active Member

### Central Surgical Association - 1957

### Ohio Chapter, American College of Surgeons - 1957

### ✓ American College of Surgeons - 1957

### ✓ American College of Chest Physicians - 1958

1957-58 Fellowship  
1959-60 Committee on Graduate Nursing Education  
1963- Committee on Bronchoesophagology  
1965- Governor, State of Ohio  
1966- Committee on Emphysema  
1967-68 Committee, Tenth International Congress on Diseases of the Chest  
1967- Committee on Cancer  
1968- Scientific Program Committee-Chairman  
for Annual Meeting, 1969

Co of Medicine Appointments

- 1963-68 Medical Isotopes Committee  
1965-68 Chairman
- 1963- Institutional Grant Committee of the American Cancer Society  
1967- Chairman
- 1966-68 Admissions Committee
- 1966- Executive Committee of the College of Medicine
- 1966- Research Committee  
1966- Secretary
- 1968- Information Services Committee
- 1968- Committee on Medical Communications -  
School of Allied Medical Professions

Co of Medicine Appointments

- 1963-68 Medical Isotopes Committee  
1965-68 Chairman
- 1963- Institutional Grant Committee of the American Cancer Society  
1967- Chairman
- 1966-68 Admissions Committee
- 1966- Executive Committee of the College of Medicine
- 1966- Research Committee  
1966- Secretary
- 1968- Information Services Committee
- 1968- Committee on Medical Communications -  
School of Allied Medical Professions

## University Hospital Appointments

1961-62      Radioisotopes and Radiation Safety Committee

1962-      Cancer Committee  
1962-      Chairman

1963-68      Medical Isotopes Committee  
1965-68      Chairman

1963-      Medical Records Committee

1963-      Chemotherapy for Solid Tumors Committee  
1963-      Chairman

1964-65      Medical Staff Representative to the Executive Committee of The  
                Ohio State University Hospital

1965-66      Utilization Committee

196      Executive Committee of The Ohio State University Hospital

1966-      Pharmacy and Therapeutics Committee



## Publications

Demonstration of Patent Ductus Arteriosus by Cardiac Catheterization. Ohio State University Health Center Journal 2:93, 1949 Andrews, N. C.; Morton, J. L. and Klassen, K. P.

Oleothorax Following Pulmonary Resection. Diseases of the Chest 20:501, 1951 Andrews, N. C.; Curtis, G. M.; and Klassen, K. P.

Diagnosis and Treatment of Superior Vena Cava Obstruction. Archives of Surgery 63:311, 1951 Klassen, K. P.; Andrews, N. C.; and Curtis, G. M.

Major Surgery in Hodgkin's Disease. Surgery, Gynecology & Obstetrics 93:636, 1951 Williams, R. D.; Andrews, N. C.; and Zanes, R. P.

Endobronchial Geiger Studies of Intrathoracic Malignancies Utilizing Radioactive Phosphorus. Surgical Forum, American College of Surgery pages 19-25, 1951 Klassen, K. P.; Andrews, N. C.; Curtis, G. M.; and Myers, W. C.

Burns. Pamphlet published by Civil Defense Health Service, State of Ohio, 1953 Andrews, N. C.

Differential Diagnosis, Diffuse Pulmonary Lesions. Transaction of National Tuberculosis Association 109, 1953 Prior, J. A.; Klassen, K. P.; and Andrews, N. C.

Surgery for Solitary Lesions of the Lung. Archives of Surgery 69:220, 1954 Meckstroth, C. V.; Andrews, N. C.; and Klassen, K. P.

Palliative Vagotomy for Nonresectable Bronchogenic Carcinoma. Illinois Medical Journal 110: No. 4, 1956 Morton, D. R.; Andrews, N. C.; Klassen, K. P.; and Curtis, G. M.

The Correlation of the Pathology in the Resected Bronchus with Postoperative Complications in Pulmonary Tuberculosis. American Review of Tuberculosis 74:874, 1956 Andrews, N. C.; Pratt, P. C.; Gilman, R. A.; and Klassen, K. P.

Eight Years' Experience with Pulmonary Biopsy. J.A.M.A. 164:1061, July 6, 1957 Andrews, N. C.; and Klassen, K. P.

Surgical Therapy in Tuberculosilicosis. American Review of Tuberculosis 77:62, 1958 Andrews, N. C.; Pratt, P. C.; Wilt, K. E.; and Klassen, K. P.

Postpneumonectomy Oleothorax. Journal of Thoracic Surgery 36:199, 1958 Klassen, K. P. and Andrews, N. C.

An Analysis of Preoperative Bronchial Biopsy in One Hundred Patients with Pulmonary Tuberculosis. American Review of Tuberculosis 78:839, 1958 Andrews, N. C.; Pratt, P. C.; and Pratt, P. C.

The Role of Bronchography in the Diagnosis of Bronchogenic Carcinoma. Diseases of the Chest 35:517, 1959 Wilt, K. E.; Andrews, N. C.; Meckstroth, C. V.; Molnar, W.; and Klassen, K. P.

Resection for Pulmonary Tuberculosis. American Journal of Nursing 59:962, 1959 Andrews, N. C.

Bronchogenic Cysts in Patients Presumed to Have Pulmonary Tuberculosis. Diseases of the Chest 36:353, 1959 Christoforidis, A. J.; Andrews, N. C.; Pratt, P. C.

Bilateral Simultaneous Squamous Cell Carcinoma of the Lung. Journal of Thoracic and Cardiovascular Surgery 40:102, 1960 Andrews, N. C.; Britt, C. I.; Christoforidis, A. J.

Massive Pulmonary Hemorrhage. American Journal of Surgery 100:490, 1960 Andrews, N. C. and Britt, C. I.

Surgery for Pulmonary Tuberculosis in the Patient with Lowered Ventilatory Function. American Review of Respiratory Diseases 82:322, 1960 Andrews, N. C.; Ger, R. F.; and Tomashefski, J. F.

Asymptomatic Spontaneous Pneumoperitoneum. American Journal of Surgery 101:232, 1961 Andrews, N. C.; Britt, C. I., and Christoforidis, A. J.

Esophageal Obstruction - Case Analysis Clinic. American Journal of Surgery 101:396, 1961 Andrews, N. C. and Britt, C. I.

Thoracomedial Plication - A Surgical Technique for Chronic Empyema. Journal of Thoracic and Cardiovascular Surgery 41:809, 1961 Andrews, N. C.

Pulmonary Arteriovenous Fistula. American Journal of Surgery 101:727, 1961 Andrews, N. C.; Britt, C. I.; and Klassen, K. P.

Management of Nontuberculous Empyema. American Review of Respiratory Diseases 85:935-936, 1962 Andrews, N. C.; Parker, E. F.; Shaw, R. R.; Webb, W. R.; and Wilson, N. J.

An Evaluation of Segmental Resection of the Right Upper Lobe. Diseases of the Chest 43:36-41, 1962 Andrews, N. C.; Christoforidis, A. J.; and Marshall, II, F.

Complications Following Retention of the Basal Segments in Unilateral Resection for Pulmonary Tuberculosis. Journal of Thoracic and Cardiovascular Surgery 44:536-539, 1962 Andrews, N. C.

Intrathoracic Lipoma: Report of Successful Removal of a Large Tumor. Ohio State Medical Journal 58:1270, 1962 Andrews, N. C.; Knoernschild, H. E.; and Marshall, II, F.

## **Publications**

The Present Status of Skeletal Tuberculosis. American Review of Respiratory Diseases 88:272, 1963 Andrews, N. C.; Webb, W. R.; and Wilson, N. J.

Management of Spontaneous Pneumothorax. American Review of Respiratory Diseases 88:275, 1963 Andrews, N. C.; Webb, W. R.; and Wilson, N. J.

The Diagnosis and Treatment of Bronchogenic Carcinoma. American Review of Respiratory Diseases 88:277, 1963 Andrews, N. C.; Webb, W. R.; and Wilson, N. J.

Indications for Resecting Solitary Pulmonary Nodules. American Review of Respiratory Diseases 88:279, 1963 Andrews, N. C.; Webb, W. R.; and Wilson, N. J.

The Surgical Treatment of Chronic Empyema. Diseases of the Chest 47:533, 1965 Andrews, N. C.

The Quantitation of Tissue Destruction by a 1000-Joule Pulsed Neodymium Laser. Surgical Forum 17, 1966 Andrews, N. C.; Jesseph, J. E.; and Minton, J. P.

Phase I Clinical Study of 6a-Methylpregn-4-ene-3,11,2-Trione (NSC-17256). Cancer Chemotherapy Reports 50:671, 1966 Johnson, R. O.; Bisel, H.; Wilson, W.; Rochlin, D.; Segaloff, A.; Krementz, E.; Aust, J.; Ansfield, F.; Andrews, N.

Analysis of Recurrent Tuberculosis after Resection. Diseases of the Chest 52:6, 1967 Andrews, N. C.; and Blackwood, J. M.

Injection of Contrast Media in Postresection Pleural Spaces Diagnostic, Prognostic and Therapeutic Value. Diseases of the Chest 52: No. 5, 1967 VerMeulen, V. R.; Christoforidis, A. J.; and Andrews, N. C.

Biopsy of Diffuse Pulmonary Lesions: A Seventeen Year Experience. Annals of Thoracic Surgery Vol. 4, No. 2, 1967 Andrews, N. C.; Klassen, K. P.

Evaluation of Methotrexate (NSC-740) in Solid Tumors. Cancer Chemotherapy Reports Andrews, N. C.; and Wilson, W. L.

Pulsed Laser Energy in the Management of Multiple Pulmonary Metastases. Journal of Thoracic and Cardiovascular Surgery 54:5, 1967 Andrews, N. C.; Jesseph, J. E.; and Minton, J. P.

Identification of Active Pulmonary Disease by Barium Bronchogram Technique. Diseases of the Chest 51:596, 1967 Andrews, N. C.; Christoforidis, A. J.; and Pratt, P. C.

Regional Medical Programs-A View from the Local Level. Ohio State Medical Journal 64: No. 1:1239-1240, November, 1968 Andrews, N. C. and White, C. H.

The Surgery of Cavitary Pulmonary Histoplasmosis. Journal of Thoracic and Cardiovascular Surgery 57: No. 1:42-51, January, 1969 Ahn, C.; Kilman, J.; V. O., J.; and Andrews, N.

## CURRICULUM VITAE

Charles H. White, Ph.D.

Date of Birth: January 29, 1929

Birthplace: Muskogee, Oklahoma

### Education:

B.M., University of Michigan, 1953  
M.M., University of Michigan, 1959  
Ph.D., Ohio State University, 1967

### Professional Experiences:

Instrumental Music Teacher, Sheridan, Michigan, 1953-54.  
Instrumental Music Teacher, Lake Odessa, Michigan, 1954-57.  
Music Supervisor, Ionia, Michigan, 1957-60.  
Music Supervisor, Kenton, Ohio, 1960-65.  
Administrative Assistant, Ohio State University, School of Education  
1965-67.  
Research Associate, American Council of Education, 1967.  
Assistant Professor, School of Education, 1967.  
Assistant Director, School of Education, 1967.  
Assistant Professor, College of Medicine, 1967.  
Program Director, Medical Education Specialists Fellowship  
Program, 1967.  
Associate Director, Ohio State Regional Medical Program, 1968.  
Associate Coordinator, Ohio State Regional Medical Program, 1969.

### Awards:

Earl W. Anderson Memorial Award (for outstanding graduate student in  
Higher Education) First Presentation 1966, School of Education,  
Ohio State University.

Research Associate, American Council of Education-Participation in  
National Study of State-wide Coordinating Boards for Higher  
Education; support for dissertation research.

Phi Beta Kappa and other honorary societies.

### Publications:

"Music Philosophies, Faculties, Curricula, "Junior College Journal,  
April, 1967.

Institutional Self-Study, "The School of Education," Report to the President, The Ohio State University, January, 1967.

"Staffing General University Extension Programs," in Problems in Administering University Extension Programs. Columbus: Center for Adult Education, Winter, 1967.

Co-editor with Andrew Hendrickson, Problems in Administering University Extension Programs. Columbus: Center for Adult Education, Winter, 1967.

"Music in Two-Year Colleges," Music Educators Journal, Spring, 1967.

The Kentucky Council on Public Higher Education: Analysis of a Change in Structure. Unpublished Ph.D. Dissertation, The Ohio State University, 1967.

"Trends and Issues in State-wide Coordination," The Educational Record, Summer, 1968.

Contributor to "A National Study of State-wide Coordinating Boards," by Robert C. Berdahl. American Council on Education, in press.

"Regional Medical Programs-A View from the Local Level," Ohio State Medical Journal, November, 1968.

"A Program for Preparing Educational Specialists for the Health Professions," submitted to the Journal of Medical Education.

"The Fourth Community," submitted to the Teachers College Record.

"Medical Education and the Regional Medical Program," submitted to the Ohio State Medical Journal.

"Medicine as a Professional College of the University," submitted to the Journal of Medical Education.

"An Historical Analysis of the Changing Roles and Relationships Among Faculty, Administrators, and Trustees," submitted to College and University Business.

"In Defense of David Riesman on Bureaucracy," submitted to Harvard Education Review.

The Ohio State Regional Medical Program First Planning Grant Application, submitted to Division of Regional Medical Programs. \$1,900,900., second planning grant, \$500,000.

The O.S.U. Program for Preparing Educators for the Health Professions, proposal submitted to D.R.M.P. \$156,000.

A Training Program in Project Management, proposal submitted to D.R.M.P. \$98,000.

An Introductory Program of Continuing Education for Participation in Community Health Planning, proposal submitted to Office of Comprehensive Health Planning, \$29,970.

Memberships:

Phi Delta Kappa	Secretary, CSU Chapter	1966-67
	President, CSU Chapter	1967-68
	Executive Committee	1967-69
Association for Higher Education	Member	1966-69
Association of American Medical Colleges	Member	1967-69
Association of Schools of Allied Health Pro- fessions	Member	1968-69
Music Educators National Conference	Member	1953-68
Michigan Band and Orchestra Association	Member and District Officer	1953-60
National Education Association	Member	1953-68
Council of Graduate Students, the Ohio State University	Member	1965-67
Council of Graduate Students	Chief Justice, Judicial Commission	1966-67
Model Cities Health Task Force	Chairman, Curriculum Committee	1966-67
Professional Education Committee, Central Ohio Heart Association	Member	1968-69

Professional Education  
Committee, Ohio State  
Heart Association

Member

1968-69

Metropolitan Health  
Committee Instru-  
mental Music Parents,  
Worthington City  
Schools

Member  
Officer

1968-69  
1967-69

## CURRICULUM VITAE

John L. Melvin, M.D.  
Department of Physical Medicine  
College of Medicine  
Columbus, Ohio

Revised August 15, 1969

### GENERAL INFORMATION

Home Address: 4423 Woodbridge Road  
Columbus, Ohio 43221  
Telephone: 451-7223  
Date of Birth: May 26, 1935  
Place of Birth: Columbus (Franklin) Ohio  
Social Security No.: 269 30 6174  
Father's Name: John Harper Melvin  
Mother's Name: Ruth Eleanor Wertemberger

### MARITAL STATUS

Married: June 7, 1957  
Wife's Name: Harriett Elizabeth Warner  
Birthdate: February 5, 1934  
Place of Birth: Delaware, Ohio

### DEPENDENTS

Megan Marie - April 24, 1961  
Beth Ann - July 9, 1964  
John Patrick - September 22, 1965  
Mia Michelle - August 24, 1966

### ACADEMIC RECORD

High School	Delaware Willis High School; Delaware, Ohio
Graduated	1952
College	Oberlin College; Ohio State University
Graduated	1955
Degree	B.Sc.



Medical School	Ohio State University; Columbus, Ohio
Graduated	1960
Degree	M.D.
Graduate School	Ohio State University; Columbus, Ohio
Graduated	1966
Degree	M.M.Sc.
Internship	Mount Carmel Hospital; Columbus, Ohio
Completed	1961
States of License	Ohio
Date	August 12, 1960
License No.	24317
	Probated; Franklin County, State of Ohio
	Sept. 24, 1960
Residency	The Ohio State University Hospitals; Columbus, Ohio in Physical Medicine and Rehabilitation
Dates	July 1, 1961 to November 30, 1961 and December 1, 1963 to June 30, 1966
Social Fraternity	Delta Chi

#### MILITARY SERVICE

December 1961 to November 1963  
Captain - Army Medical Corps - General Medical Officer.  
Certificate of Achievement - Headquarters - Ft. Dix, New Jersey, 1963

#### TEACHING EXPERIENCE

Assistant, Department of Physical Medicine, College of Medicine  
The Ohio State University; Columbus, Ohio - July 1, 1964 to  
June 30, 1965  
Demonstrator, Department of Physical Medicine, College of Medicine  
The Ohio State University; Columbus, Ohio - July 1, 1965 to  
June 30, 1966  
Assistant Professor, Department of Physical Medicine, College of Medicine  
The Ohio State University; Columbus, Ohio - July 1, 1966 to  
June 30, 1969  
Associate Professor, Department of Physical Medicine, College of Medicine  
The Ohio State University; Columbus, Ohio - July 1, 1969 to present

#### MAJOR FIELDS OF RESEARCH

Neurophysiology, Electrodagnosis, Disability Evaluation, Health  
Care Delivery

## SCHOLARSHIPS AND FELLOWSHIPS

Ford Foundation Scholarship 1951-53

Trainee, Vocational Rehabilitation Administration, July 1, 1961 to  
November 30, 1961 and December 1, 1963 to June 30, 1966

## PREVIOUS POSITIONS

Research Assistant: Research Foundation, The Ohio State University  
1955-56

Medical Consultant, State of Ohio, Disability Determination Section,  
Bureau of Vocational Rehabilitation, March 1, 1965 to June 30, 1967

Clinical Director, The Ohio State University Hospital, Department of  
Physical Medicine, July 1, 1966 to June 14, 1968

## PRESENT POSITIONS

Associate Staff: Mount Carmel Hospital, Columbus, Ohio

Attending Staff: The University Hospitals, Columbus, Ohio

Courtesy Staff: The Children's Hospital, Columbus, Ohio

Consulting Staff: Jane M. Case Hospital, Delaware, Ohio

Associate Professor: College of Medicine, The Ohio State University  
Department of Physical Medicine

Head: Comprehensive Care Section, Arthritis Clinic, The University  
Hospitals, Columbus, Ohio

Director; Out-patient Services, Department of Physical Medicine,  
The Ohio State University Hospitals, Columbus, Ohio

Chairman: Stroke Task Force Committee, Ohio State Regional Medical  
Program, December 1967 to present

Member: Regional Advisory Committee, Ohio State Regional Medical  
Program, 1969 to present

## SERVICE ON UNIVERSITY BOARDS AND COMMITTEES

Member: Post-Doctoral Curriculum Committee, College of Medicine, The  
Ohio State University, April 1966 to July 1968

Chairman: Graduate Education Committee, Department of Physical Medicine,  
College of Medicine, The Ohio State University, Oct. 1967 to July 1968

Chairman: Post M.D. Education Committee, Department of Physical Medicine,  
College of Medicine, The Ohio State University, July 1966 to July 1968

Member: Graduate Education Committee, College of Medicine, The Ohio  
State University, July 1967 to July 1968

Member: Research Space Assignment Committee, College of Medicine, The  
Ohio State University, 1967 to 1969

Member: Utilization Committee, Department of Physical Medicine, College of Medicine, The Ohio State University, July 1966 to July 1968  
Chairman: Research Committee, Department of Physical Medicine, College of Medicine, The Ohio State University, July 1968 to present  
Member: Administrative Policy Committee for Animal Research, College of Medicine, The Ohio State University Hospitals, 1969 to present  
Member: Proficiency Testing Work Group, Curriculum Committee, College of Medicine, The Ohio State University, 1969

#### PROFESSIONAL SOCIETIES

American Association of Electromyography and Electrodiagnosis  
American Rheumatism Association  
Medical Administrative Committee, Central Ohio Chapter: Arthritis Foundation  
American Congress of Rehabilitation Medicine, Constitution and By-Laws Committee, May 1968 to present; Chairman, Sept. 1968 to Aug. 1969  
National Rehabilitation Association  
Ohio Rehabilitation Association  
Central Ohio Rehabilitation Association  
Academy of Medicine of Columbus and Franklin County  
Ohio State Medical Association: Secretary, Section on Physical Medicine and Rehabilitation, 1966; Chairman, Section on Physical Medicine and Rehabilitation, 1967  
American Medical Association  
Sigma Xi  
Ohio Society of Physical Medicine and Rehabilitation; Secretary - Treasurer, 1966 to 1969  
National Association of Disability Examiners  
Ohio Academy of Science  
American Heart Association, Council of Cerebrovascular Disease  
American Academy of Physical Medicine and Rehabilitation (Fellow)

#### COMMUNITY ORGANIZATIONS

Board of Trustees, Goodwill Industries of Central Ohio, 1965 to present  
Treasurer, 1967 to 1969; First Vice President, 1969 to present  
Finance Committee of Goodwill Industries of Central Ohio; Chairman, 1967 to 1969  
Long Range Planning Committee, Goodwill Industries of Central Ohio, 1968 to present  
Personnel and Rehabilitation Committee of Goodwill Industries of Central Ohio, 1965 to 1967; Chairman, 1969 to present

School Health Committee, St. Andrew's School, Columbus, Ohio  
1967 to present  
International Wine and Food Society, Columbus Branch; Secretary-  
Treasurer, 1968 to 1969

#### BOARD CERTIFICATION

Certified, Part I, The American Board of Physical Medicine and  
Rehabilitation, 1966  
Part II, The American Board of Physical Medicine and  
Rehabilitation, 1968  
Certificate Number: 688

#### AWARDS

Scholarships (listed above)  
Winner - Eleventh Annual Essay Contest of The American Congress of  
Physical Medicine and Rehabilitation, 1964

#### PUBLICATIONS AND PAPERS

- Melvin, J.L.: The Action Potential. Arch. Phys. Med. 46:630-  
688 (Oct.) 1965.
- Johnson, E.W. and Melvin, J.L.: Sensory Conduction Studies of  
Median and Ulnar Nerves. Arch. Phys. Med. 49:25-29 (Jan.) 1967.
- Melvin, J.L., Harris, D.H. and Johnson, E.W.: Sensory and Motor  
Conduction Velocities in the Ulnar and Median Nerves. Arch. Phys.  
Med. 47:511-519 (Aug.) 1966.
- Melvin, J.L., Burnett, C.H. and Johnson, E.W.: Median Nerve  
Conduction in Pregnancy. Arch. Phys. Med. 50:75-80 (Feb.) 1969.
- Melvin, J.L.: Afferent Nerve Fiber Conduction in Humans. (Thesis)  
The Ohio State University, 1966.
- Melvin, J.L.: When is Permanent Permanent, Trial Techniques: The  
Medical Issue. Ohio Legal Center Institute, 1966.
- Melvin, J.L., Johnson, E.W. and Duran, R.: Electrodiagnosis After  
Surgery for the Carpal Tunnel Syndrome. Arch. Phys. Med. 49(9):  
502-507 (Sept.) 1968.
- Luppens, M.J. and Melvin, J.L.: Co-Ordinating Out-Patient Rehabilitation  
Services - A Dilemma. Presented at The 46th Annual Session of The  
American Congress of Rehabilitation Medicine, Chicago, Illinois,  
August 13, 1969.
- Johnson, E.W. and Melvin, J.L.: The Value of Electromyography in  
Lumbar Radiculopathy. Presented at The 46th Annual Session of The  
American Congress of Rehabilitation Medicine, Chicago, Illinois,  
August 13, 1969.

Melvin, J.L. and Schuchmann, J.A.: An Evaluation of the Electrodiagnostic Abnormalities Found in Chronic Compressive Lesions of Mixed Nerves. Presented at The 46th Annual Session of The American Congress of Rehabilitation Medicine, Chicago, Illinois, August 13, 1969.

Melvin, J.L. and Nagi, S.Z.: Factors in Technical and Behavioral Responses to Impairment. Presented at The 46th Annual Session of The American Congress of Rehabilitation Medicine, Chicago, Illinois, August 13, 1969.