

ASCA

*file - Staff Board 66
Purdue*

Applied Science Center for Archaeology

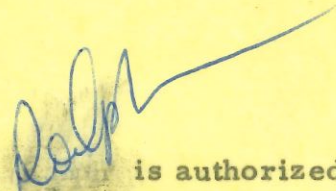
Name	Present Position	New Position	Change Remarks
Froelich Rainey, Ph.D.	Director	Director	2nd listing
Elizabeth K. Ralph	Research Associate	Associate Director	
Bernard Wailes	Assistant	<u>Research Associate</u>	2nd listing, other as Assistant
A. Eric Parkinson	Chemist and Keeper of the Collections	Chemist and Keeper of the Collections	
Henry Michael, Ph.D.	Research Associate	Research Associate	Moved from American Sect.
Robert Stuckenrath, Jr.	Research Assistant, recently changed to Research Associate in Physics Dept.	<u>Research Associate</u>	
Mark C. Han		<u>Research Chemist</u>	New employee
Gray McLaughlin		Electronics Consultant	New listing
Althea Revere		Microscopy Consultant	New listing
Hamilton H. Carson	Student Assistant	Student Assistant	New listing
Jeannette Flamm	Student Assistant	Student Assistant	New listing
John H. Gruninger	Student Assistant	Student Assistant	New listing

January 9, 1962

Arch. Techn.

May 13, 1964

Dear John:

This is to advise you formally that Miss Elisabeth K.  is authorized to represent us and to sign the contract for instrument surveys on Isle aux Noix from June 1st to August 31st, 1964. The Museum, representing the University of Pennsylvania is a non-profit educational institution.

It was very nice to see you at Chapel Hill, and I hope you will give my best to Ann.

Sincerely yours,

Alfred Kidder II
Associate Director

Mr. John G. Rick
Department of Northern
Affairs and National Resources
National Historic Sites Division
Ottawa, 4, Ontario
Canada

May 21, 1970

Professor William Gomberg
Wharton School
W-196
Dietrich Hall

Dear Professor Gomberg:

Our Applied Science Center for Archaeology (MASCA) is comprised of a small "team", the members of which pursue various projects in applied reasearch -- C-14, thermoluminescence dating, etc.

Froelich Rainey (Director of the University Museum) is the Director of MASCA, but as Associate Director, I am more or less the technical person in charge. If you prefer to meet with Dr. Rainey, I shall not be offended. If my presence is still wanted, I shall be glad to meet with you and the Sub-committee at your convenience during the summer or the fall. Dr. Rainey will be away in June and in August.

Sincerely yours,

Elizabeth K. Ralph

EKR/mm

MASCA STUDENT ASSISTANTS

1970-71

1) Radiocarbon Laboratory

John Hedrick

Attended California Maritime Academy where he studied naval engineering, including Math and Physics. Worked for Navy and Merchant Marine about 10 years.

Then, attended San Diego State College as a graduate student where he studied Archaeology, including field methods. Has had one year graduate studies in Anthropology at University of Pennsylvania.

His duties are to assist with the processing of samples in the C-14 lab.

2) Thermoluminescence

George W. Nowell

Graduate of Stanford where he majored in Anthropology. Had 1 year Chemistry and one of Physics, Math through Calculus. Has some knowledge of French and Spanish. Has done field work in Near East and Mexico.

Has had 1 year of graduate studies in Anthropology at University of Pennsylvania.

His main duties are to assist with the thermoluminescence measurements.

3) Aerial Photography

David T. Evans

Graduate of California college plus some graduate studies. Took Math and some Chemistry. Then worked as a professional statistician for NASA. Has reading and speaking knowledge of Spanish and French. Did an independent project of cataloging, repairing, and salvaging a pottery collection that had been lost in the San Francisco earthquake. Had some field experience in Mexico. Interested in Mesoamerica, especially, Mayan Hieroglyphs.

His letters of recommendation are excellent.

Duties: aerial photographic project and possibly instrument surveys.

Note: the graduate student assistants are expected to work full-time in the summer months and part-time during the academic year.

ADMINISTRATIVE ASSISTANT II

Definition:

This is highly responsible work performed under general or administrative direction involving extensive and intensive administrative supervisory and secretarial duties.

Typical Duties:

Responsible for, or assists in the determination, execution, and interpretation of administrative policies and procedures.

Supervises the work of school or departmental clerical personnel.

Responsible for complex budget estimates and preparation.

Confers with or renders decisions for staff members, and visitors to the office, on matters involving established policies or procedures.

Prepares reports on departmental personnel and projects.

Responsible for purchases for the organizational unit.

May edit and/or prepare for press manuscripts, articles, speeches, etc.

May serve on committees as a representative of the organizational unit.

May perform, or be responsible for, advanced secretarial duties including the taking of dictation (manually or by mechanical means), and difficult typing, e.g., manuscripts, letters, reports, etc.

Performs related duties as assigned.

Qualifications:

Two years of college education or business school; graduation from college desirable.

At least four years of responsible clerical experience, preferably in a college or university or high school graduation, and six years of responsible clerical experience or college graduation and two years of responsible experience.

Ability to supervise the work of others.

Knowledge of standard business and administrative methods and practices.

May require the ability to type accurately and/or take dictation.

Explanation of MASCA

The Museum Applied Science Center for Archaeology (MASCA) was initiated in 1961 by Dr. Froelich Rainey, Director of the University Museum and of MASCA. Its aim is to apply new principles and technologies developed in the physical sciences which are appropriate to archaeological and anthropological research.

Upon the successful application of Carbon 14 dating in the laboratory here (established in 1951) and in others, it was felt that many more of the technological advances should be investigated for possible applications. As a beginning in this direction, work is being carried out in the following fields:

- 1) Thermoluminescent dating of pottery
- 2) Development and use of instruments for archaeological prospecting.
- 3) Aerial photography and other remote sensing devices.
- 4) Information Center and publication of Newsletter.

MASCA is supported in part by the University and the Museum and in part by NSF grants.

5/1971

MASCA Positions

Research Bibliographer II

Duties are as specified by Code 6645. In particular, this person would run the Information Center. This consists of making abstracts of techniques developed in the physical and other sciences that are pertinent to archaeological and anthropological research. This requires that the person spend a good part of his or her time ^{in the University Libraries} to make regular inspections of appropriate periodicals.

The other main duty is the publication of our MASCA Newsletter, at least, twice a year. This involves writing to various possible contributors, editing their contributions, and sending the issue to the press.

Administrative Assistant II

Duties are as outlined by Code 6471 with the exception that the position is half-time, 6 FTE man-months, or roughly 20 hours per week.

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RESEARCH BIBLIOGRAPHER II

Definition:

This is highly responsible work performed under administrative supervision involving searching the literature of a particular discipline (s) or specific science in order to compile a bibliography, plain or annotated, or for other similar purposes.

Typical Duties:

With little assistance or direction, examines the literature (books, pamphlets, articles, speeches, etc.) on a particular subject in order to compile a bibliography, plain or annotated.

Assists in the writing or preparation of scholarly and/or research works by editing, making indices, etc.; may do original writing.

May use typewriter.

Performs related duties as assigned.

Qualifications:

Graduation from an approved college or university. Master's Degree preferred, with a major in the general area of investigator, e.g., chemical science, regional studies, veterinary medicine, etc.

At least two years' direct applicable experience in the subject field, with a knowledge of the specialized terminology to be encountered.

A reading knowledge of at least two appropriate foreign languages.

A high degree of initiative in order to work independently.

May require the ability to type accurately and 40 w.p.m.

ADMINISTRATIVE ASSISTANT II

Code 6471

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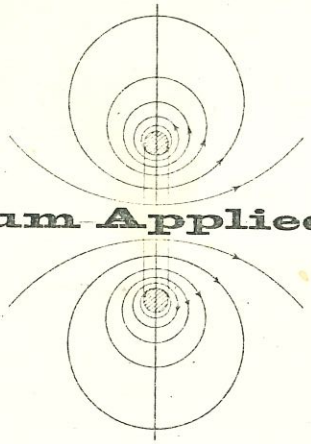
Ability to supervise the work of others.

Knowledge of standard business and administrative methods and practices.

May require the ability to type accurately and/or take dictation.

✓ Mark
✓ Henry
✓ Bruce
✓ Darrel

Barbara



Museum Applied Science Center for Archaeology

Froelich Rainey, Director Elizabeth K. Ralph, Associate Director

THE UNIVERSITY MUSEUM • UNIVERSITY OF PENNSYLVANIA
33rd & SPRUCE STREETS • PHILADELPHIA, PENNSYLVANIA 19104
386-7400 (Area Code 215) Cable Address "Antique"

September 12, 1972

Dear Professor:

SUBJECT: Positions for graduate students

(A-2)

In our MASCA (Museum Applied Science Center for Archaeology) laboratories, we expect to have positions available for three additional graduate students. The annual salary is \$4,150 plus tuition, and the students are expected to work half-time during the academic year and full-time for three summer months.

One position is in the Radiocarbon Laboratory (BW4 DRL) and duties include the chemical processing of samples and operation of the natural C-14 counting equipment.

part-time positions

The other two are mostly (one part-time in C-14 lab) in the MASCA labs (University Museum) where one of the main projects is the dating of pottery by thermoluminescence. Duties include grinding and mounting pottery samples, operation of the glow curve apparatus, alpha counters, and X-ray irradiation of samples. Other activities in MASCA are concerned with aerial photography, the use of magnetometers and other geophysical prospecting instruments at archaeological sites, and the application of new techniques derived from the physical sciences to aid archaeological research.

These positions are dependent upon the award of an NSF grant, which we anticipate with almost certainty by the end of September, 1972. However, we should like to interview applicants as soon as possible.

Elizabeth K. Ralph
Associate Director

Ext. 8168 or EV6-7400, Ext. 270

cc. Dean Stephens
Dr. M. Caspari, Physics
Dr. H. Faul, Geology
Dr. K. Krieger, Chem.
Dr. H. Kriticos, Moore Sch.
Dr. R. Maddin, RLMS
Dr. J.G. Miller, Chem.
Dr. R. Reina, Mus.
Dr. B. Wailes, Mus.
Gloria Albany

November 30, 1972

Mrs. Trout
Personnel Office
130 Franklin Building

Dear Mrs. Trout:

As I reported by telephone yesterday, we have a new position in our MASCA laboratories for an Administrative Assistant II, part-time, roughly 20 hours per week.

A summary of the activities in MASCA is enclosed.

The duties for this position are roughly as described under Code 6471, but with more emphasis upon secretarial work than accounting and purchasing. Also, the person will have no one to supervise, but will be expected to do most of the secretarial work for our staff of about five scientists.

The position will be supported by NSF Grant No. GS-36308X which has been awarded for a period of two years. We have budgeted \$4,000 for the Administrative Assistant II (part-time).

Sincerely yours,

Elizabeth K. Ralph
ext. 24-270 and 8168

1 encl.

EKR/11

MASCA

Jan. 9, 1973

To: Miss Geraldine Bruckner, University Museum

re: Change of staff for Museum Applied Science Center for Archaeology

Would you please remove the names of John D. Hedrick, Douglas Hancock and James Delmege from the list of MASCA staff in Expedition and list the staff of MASCA, with some additions included, as follows:

Froelich Rainey, Ph.D., Director

Elizabeth K. Ralph, Associate Director

Mark C. Han, Research Chemist

Barbara Lawn, Research Specialist

Henry Michael, Ph.D., Research Associate in Physics

Gary W. Carriveau, Ph.D., Research Investigator

Richard D. Haynes, Research Bibliographer

Bruce Bevan, Research Assistant

Raymond L. Costa, Jr., Research Assistant

Oliver Schueftan, Research Assistant

Kathleen Ryan, Administrative Assistant

Darrel Butterbaugh, Ph.D., Research Associate

Robert Maddin, Ph.D., Research Associate

Julian Whittlesey, Research Associate

Orville Bullitt, Research Associate

Oliver C. Colburn, Research Associate

William Kohler, Research Associate

Sincerely yours,

Elizabeth K. Ralph

cc. Mr. David Crownover

MASCA
Jan. 9, 1973

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Mark C. Han, Research Chemist
Barbara Lawn, Research Specialist
Henry Michael, Ph.D., Research Associate in Physics
Gary W. Carriveau, Ph.D., Research Investigator
Richard D. Haynes, Research Bibliographer
Bruce Bevan, Research Assistant
Raymond L. Costa, Jr., Research Assistant
Oliver Schueftan, Research Assistant
Kathleen Ryan, Administrative Assistant
Darrel Butterbaugh, Ph.D., Research Associate
Robert Maddin, Ph.D., Research Associate
Julian Whittlesey, Research Associate
Orville Bullitt, Research Associate
Oliver C. Colburn, Research Associate
William Kohler, Research Associate

Sincerely yours,

Elizabeth K. Ralph

cc. Mr. David Crowmover

1974-1975

APPLIED SCIENCE CENTER FOR ARCHAEOLOGY

Froelich G. Rainey, Ph.D.
Director
Elizabeth K. Ralph, Ph.D.
Associate Director
William E. Stephens, Ph.D.
Associate Director for Research
F. Otto Haas, Ph.D.
Associate Director for Development
Mark C. Han
Research Chemist
Henry N. Michael, Ph.D.
Research Associate in Physics
Barbara Lawn
Research Specialist
Kathleen Ryan
Research Bibliographer
Gail Weinstein
Administrative Assistant
Bruce Bevan
Research Fellow
R. John Carpenter
Research Fellow
Raymond Costa
Research Fellow
Jeffrey Klein
Research Assistant
Orville Bullitt
Research Associate
Darrel Butterbaugh, Ph.D.
Research Associate
Oliver C. Colburn, Ph. D.
Research Associate
William Kohler
Research Associate
Robert Maddin, Ph.D.
Research Associate
Margaret Vanderau
Research Associate
Julian Whittlesey
Research Associate

UNIVERSITY INTRAMURAL CORRESPONDENCE

Department of Physics

May 27, 1981

Dr. Elizabeth K. Ralph
Department of Physics
David Rittenhouse Laboratory

Dear Beth:

We have again reached the time of year when we must provide salary recommendations for the coming year (July 1, 1981 - June 30, 1982). I am writing now to ask for your help.

The FAS salary policy for professional/administrative and support staff appeared in Dean's memorandum 80-81/40, dated May 15, 1981:

"The increases for continuing professional/administrative and support staff will have a general range of 5% to 15% with an aggregate available of 9.5%. Increases that fall below 5% or above 15% must be justified in writing and approved by the Dean and the Personnel Relations Department. Each individual's performance should be carefully considered when formulating salary increase recommendations."

I have listed on the attached sheet those individuals for whose salaries you are responsible, either directly or indirectly. I would appreciate it if you would send me recommendations for each, based either on your direct knowledge or on information from your colleagues. While it is obvious that the 9.5% average is not expected for each subgroup in the department, I hope you will keep in mind that this average is expected for the department as a whole.

Thank you for your help.

Sincerely,



Walter D. Wales

WDW:bwr
Attachment

	RESISTIVITY			PROTON MAGNETO- METER	GRADIO- METER	ULTRASONAL		METE- DETECTO
	1	2	3			1	2	
JANUARY	Mike Coe Pacific Coast Guatemala		Judson Italy	Italy		McDermott Texas Instr. Co. Texas		
FEBRUARY	"	Johnson & McNairish Telamaca, Mexico.	"	"		"		
MARCH	"	"	Cotter & Larabie Old Canal Houses, Patmos I. Hopewell Village.	"		"	Ralph Mexico Guatemala	
APRIL	"	Dr. Rainey Italy	"	Dr. Rainey Italy	Dr. Rainey Italy	"	Dr. Rainey Italy	Dr. Edwards Turkey
MAY	"	"	"	"	"	"	"	Dr. Rainey Italy
JUNE	"		"			"		
JULY								

ITALIAN STAFF - 1972

Prof. Per Alin
Dept. of History
State University of New York
Stony Brook, N.Y. 11790

Mrs. Nan Arghyros
111 Magazine Street
Cambridge, Mass. 02139

Mr. Arthur Beale
Associate Conservator
Fogg Art Museum
Harvard University
Cambridge, Mass. 02138

Miss Susan Bemen
Dept. of Biobehavioral Sciences
Box U-154
University of Connecticut
Storrs, Conn. 06268

Mr. Alan Bieber
Dept. of Anthropology
University of Connecticut
Storrs, Conn. 06268

Prof. Ralph Doermann
Evangelical Lutheran Seminary
2199 East Main Street
Columbus, Ohio 43209

Prof. Anita Purshpan
56 Elm Street
Concord, Mass. 01742

Miss Pamela Jo Gaber
75 Cushing Street
Cambridge, Mass. 02138

The Rev. Carney E. S. Gavin
St. Columbkille's Rectory
321 Market Street
Brighton, Mass. 02135

The Rev. John A. Graham
3428 Sprucewood Road
West Haven
Knoxville, Tenn. 37921

Mr. Stephen Gersh
N.E. School of Photography
739 Boylston Street
Boston, Mass. 02116

Sister Vera E. Harvey
125 Oakland Street
Wellesley Hills, Mass. 02181

Miss Christina Helms
Talcott
Oberlin College
Oberlin, Ohio 44074

Dr. Dorothy K. Hill
The Walters Art Gallery
Baltimore, Maryland 21201

Mr. & Mrs. Larry Ingalls
Rt. 1, Box 781
Quincy, California 95971

Prof. Gustav Jeeninga
Anderson College
Anderson, Indiana 46011

Mr. Peter Jenkins
Dept. of Religion & Culture
Waterloo Lutheran University
Waterloo, Ontario, Canada

Col. F. M. Johnson, Jr.
7706 High Point Road
Lorton, Virginia 22029

Dean Robert H. Johnston
College of Fine & Applied Arts
Rochester Institute of Technology
1 Lomb Memorial Drive
Rochester, N.Y. 14623

Miss Christine Kondoleon
325 Hill Hall
Tufts University
Medford, Mass. 02153

Prof. Frank Koucky
Dept. of Geology
Univ. of Cincinnati
Clifton Avenue
Cincinnati, Ohio 45220

Mr. Yechiel M. Lehavy
1407 Chelton Avenue
Philadelphia, Pa. 19126

Miss Ianthe I. Livadas
800 East Avenue
Rochester, N.Y. 14607

Miss Jody Maxmin
The Margery Fry House
Little Clarendon St.
Oxford, OX 1 2HP
England

Prof. James Purvis
11 Page Road
Lexington, Mass. 02173

Prof. H. N. Richardson
168 Mt. Vernon Street
Newtonville, Mass. 02160

Miss Diane L. Saltz
216 Rindge Ave., Apt. 2
Cambridge, Mass. 02140

Mr. Jeffrey Schwartz
29 Foskett Road
London, S.W. 6
England

Prof. Thomas Schaub
& AIAR
P.O. Box 19096
Jerusalem, Israel

Prof. & Mrs. E. Scoggin
Dept. of Religion
Wake Forest College
Wake Forest, N.C. 27587

Dr. Elizabeth Ralph
Museum Applied Science
Center for Archaeology
The University Museum
Philadelphia, Pa. 19104

Miss Anna Sophocles
1632 Waverly Street
Philadelphia, Pa. 19103

Mr. Lawrence E. Stager
1 Fallon Place
Cambridge, Mass. 02138

Prof. Arthur Steinberg
20 Stearns Street
Cambridge, Mass. 02139

Prof. Robert Stewart
Sam Houston State College
Huntsville, Texas 77340

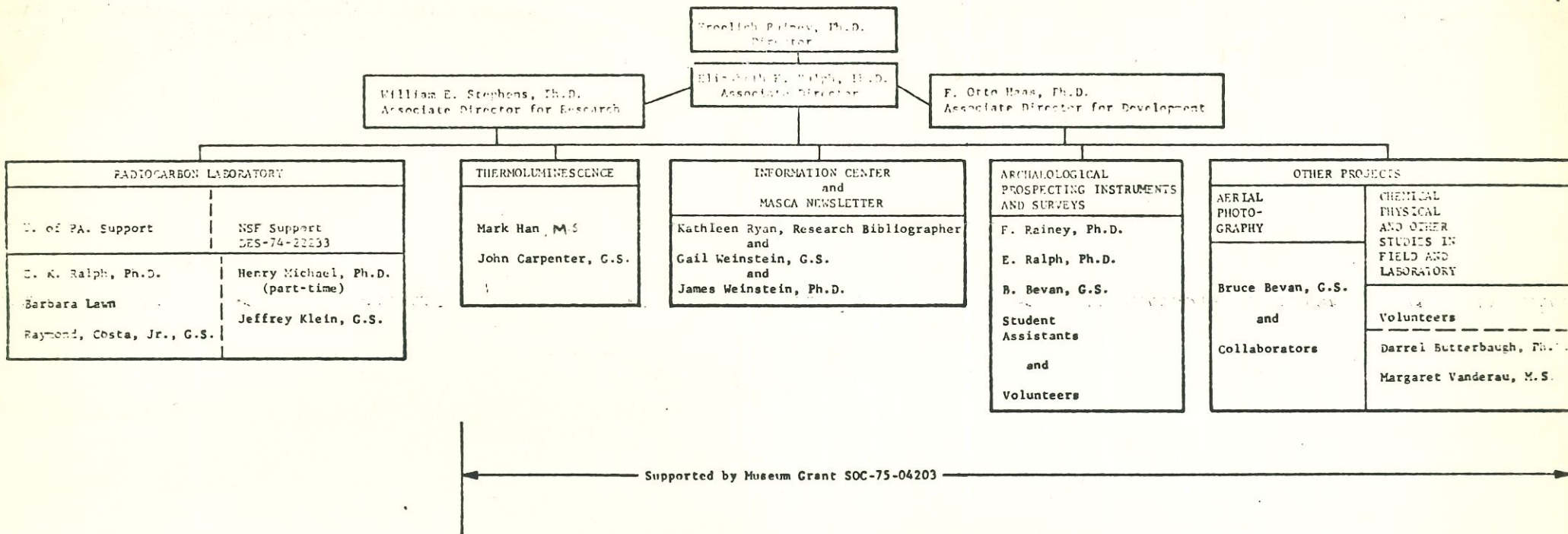
Mr. David S. Reese
11 Brook Bridge Road
Great Neck, N.Y. 11021

Miss Carla Van West
29 Cameron Park
Edinburgh, E H 16 SJY
Scotland, U.K.

Dr. Jane Waldbaum
56 Western Way
Princeton, N.J. 08540

Prof. G. Ernest Wright
Rm. 102, 6 Divinity Ave.
Cambridge, Mass. 02173

MASCA PERSONNEL



Supported by Museum Grant SOC-75-04203

G.S. - Graduate Student
1/2-time in academic year
Full-time for 3 summer months

March 1976

FIG. 2. Block Diagram of MASCA Personnel