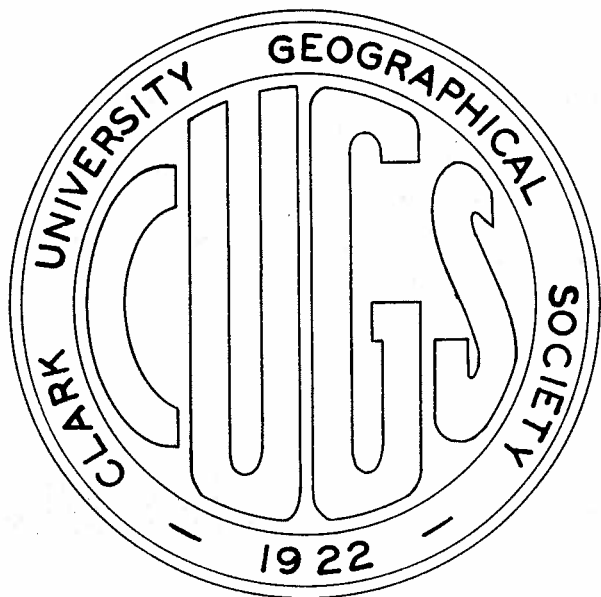


# THE MONADNOCK



Volume xxxvii

June, 1963

THANKS

The Editors want to express their appreciation for the cooperation of the members of C.U.G.S. Your support, both financial and moral, is essential to the maintenance of The Monadnock tradition.

It is our hope that errors, commissions and omissions, were kept at a minimum throughout this issue.

--- THE STAFF ---

THE STAFF

Editor: Richard D. Hecock

Assistant Editor

and

Business Manager: John F. Rooney

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### THE GRADUATE SCHOOL OF GEOGRAPHY, 1963

This is my first message to the alumni as Director of the Graduate School of Geography. I am finding, as I suppose every departmental chairman has, that the job is a strange mixture of insignificant detail and worthwhile opportunity. In this message I shall try to share with you some of our problems and changes.

Last fall the Graduate Board of the University voted to require only one foreign language for the Ph.D., the change to take effect immediately. The two-language requirement has long been regarded as an anachronism except for certain special fields, such as European History and Political Geography, and for such specialties the two languages might still be required. I, for one, feel that the Board's action was a progressive step.

The change in the foreign language requirement has had a direct effect upon the Graduate School of Geography chiefly through the reactivation of a number of candidacies. People who had "one language to go" became eligible overnight to take their preliminary examinations. As a result we've had rather more such examinations to give than has been the case for the last several years.

It may be in part the state of the market that has inspired some delayed candidates to get going again. Opportunities in geography are plentiful this year, and I suppose they will continue to be for some years to come. I regret that we so seldom have anyone to recommend. This is because the demand is for people with the Ph.D., or very near it. Most of our graduates don't want to move, and most of our current graduate students are too far from the Ph.D. In fact, they may be in their final resident year toward the doctorate but not have an M.A., chiefly, no doubt, because the thesis is so easy to lay aside in favor of current class assignments. A person who hasn't finished his dissertation and who lacks the M.A. is not a very marketable product. It is a situation which we are trying to remedy. For students entering hereafter, the M.A. thesis has to be accepted before the last resident year for the Ph.D. can begin.

Incidentally, like most geography departments offering graduate training, we are modifying our program to permit a greater degree of specialization in certain fields and to emphasize graduate research and writing. Work in the geography of resources has been added to our earlier emphasis on economic and urban geography. Courses on air photo interpretation and on quantitative techniques were offered this year, and an expanded program of specialized research seminars was instituted. Regional geography is receiving less emphasis at Clark than it did a decade ago. At the same time the world point of view is recognized as important, and it would be desirable if more of our students took advantage of the Foreign Field Research Program of the National Academy of Sciences - National Research Council.

I have just had my first experience as Director going over applications of prospective students. If we had more money for scholarships and fellowships we undoubtedly would be in a better position. But despite the increasing number of schools now offering graduate degrees we seem to have a very good group lined up for next year. For this I am sure the alumni are in considerable part responsible.

Lastly, I come to personnel changes. Our lineup is changing again. As you will read elsewhere in this issue, Dr. Birch, who has been editing Economic Geography and teaching rural land use, is going to Toronto as Chairman. This happened too late in the year for us to get a permanent replacement, so I'll have to be both editor and director for a year. Fortunately, we were able to arrange for Roland Fuchs of the University of Hawaii to come to Clark on a year's leave. He will help out in various respects -- teaching, some editing -- while I wear two hats. This will give us time to get another staff member who will edit the journal besides teaching one or two courses.

Recently, President Jefferson announced a new policy, whereby a department chairman reaching the age of 65 normally will retire as chairman though continuing on the faculty. If the situation warrants it, however, and if he desires to continue as chairman, he may be reappointed to the post on a year-to-year basis until the regular retirement age of 70 is reached. Although the new policy is now in effect, it will not be enforced rigidly during a period of transition, and the President has assured me that I shall be directing for some years to come.

I don't mean to leave the impression that conditions are chaotic in the Geography Building. Not at all. Who wants a static department? We are looking forward to a more than commonly interesting year.

Raymond E. Murphy

## STAFF NEWS

J. W. Birch is continuing his study of the geographical effects of the land-use competition and allocation process in rural areas. He read a paper on "Some geographical effects of land-use competition in the Connecticut Valley" at the Annual Meeting of the Institution of British Geographers, in Swansea, in January, 1963. He has also completed (with M.T. Coppock of University College, London) an essay on "land-use problems in the British Isles" for the volume to be published on the occasion of the International Geographical Congress to be held in London in the summer of 1964.

As Editor of Economic Geography, Dr. Birch has been concerned to institute a series of invited review articles. The intention as stated in the April, 1953, issue of Economic Geography, is "to provide authors with an opportunity to reflect both broadly and deeply on their own particular fields of inquiry, to examine the mutual relationship of their research with that being undertaken in allied disciplines, to provide a thorough and documented review of what is now known, and to point firmly to questions currently demanding investigation."

In the late summer of 1963, the Birch family will be moving to Toronto, following upon Dr. Birch's acceptance of the Chairmanship of the Department of Geography in the University of Toronto.

Guy H. Burnham continues to lift spirits in the Workroom. He plans to teach cartography in the coolness of the basement cartography lab this summer. He sends his greetings to the many members of C.U.G.S. who remembered him in their questionnaires.

Robert W. Kates continues with his program of teaching and research in natural-resource management. He is collaborating with C.W. Thornthwaite Associates in a study of the occupance of coastal hazard areas and the Harvard Water Resources Program in studies of flood damages in the Lehigh Valley. In December he delivered a paper to the Regional Science Association meeting entitled "Perceptual Regions and Regional Perception in Flood Plain Management," and more recently led a seminar discussion on behavioral research in water management at Johns Hopkins University. In addition to the above-mentioned research projects, his summer plans call for a considerable amount of writing including the co-authorship of a forthcoming monograph on water resources.

William A. Koelsch is currently Visiting Lecturer in Historical Geography. In addition to his teaching responsibilities, he has lectured twice on the history of geography; once, on "Arnold Guyot and the Beginnings of Scientific Geography in America; and once, on "geography and Expansion in Nineteenth-Century America."

Mr. Koelsch is a Ph.D candidate at the University of Chicago and intends to return to Illinois this summer to do some writing. He will join the faculty of Florida Presbyterian College in St. Petersburg, Florida, in the fall.

Raymond E. Murphy is completing his first year as Director of the Graduate School of Geography. In addition to his administrative duties, he taught Urban Geography and Problems of Economic Geography.

Dr. Murphy will teach Urban Geography in Summer Session in addition to working on his book Urban Geography and the American City. In September he will attend the Denver Meetings where he will present papers: "Geographic Research versus Journal Space," and "Effects of Town Structure on Urban Patterns in New England." During the 1963-64 school year Dr. Murphy will be Director of the Graduate School of Geography and will also edit Economic Geography.

Rodman E. Snead has carried a heavy load of courses this year. In addition to Weather and Climate and the Physiography Course, he offered seminars in Air Photo Interpretation and Problems of Coastal Geomorphology.

Dr. Snead has been responsible for getting students into the field this year. Included on field-trip itineraries were Southern New Jersey, Northeastern Massachusetts, The Catskills, Cape Cod, Mt. Monadnock, and Mt. Tom.

As a consultant to C.W. Thornthwaite Associates on the Coastal Project, Dr. Snead will travel extensively along the Eastern Seaboard. He will attend the Denver Meetings in September. The results of work done in Preparation of his dissertation will be published by the Louisiana State University Press under the title, Physical Geography of the Las Bela Coastal Plain of West Pakistan.

Dr. Van continued a heavy load of teaching this year. He offered his ever-popular political geography course this year at Clark. Students at Wellesley, Brandeis, and Holy Cross also enjoyed his spirited instruction.

Dr. Van received an American Geographical Society award early this year in recognition of his service to geography.

After teaching at the summer session of the State College at Millersville, Pennsylvania, and a short trip to Europe, he will return to the Clark Campus and resume teaching political geography.

Henry J. Warman, who is on sabbatical leave this year, reports that he is kept busy with his job as Field Co-ordinator of the High School Geography Project sponsored jointly by the AAG and NCGE. His other

activities include revision of text-books and consultation on the construction of public school social studies tests.

Dr. Warman will resume his Clark duties next fall.

#### THE HIGH SCHOOL GEOGRAPHY PROJECT

The High School Geography Project is familiar to many C.U.G.S. members. Indeed, many members of C.U.G.S. are associated with the project directly. Dr. Warman is field coordinator and Dr. Van Valkenburg is a member of the project's parent body, the Joint Committee on Education of the Association of American Geographers and the National Council for Geographic Education. Other C.U.G.S. members closely associated with the project are Preston James and Fred Ritter.

The High School Geography Project "Aims to demonstrate the capacity of geography as a discipline to contribute to the betterment of secondary education." The Project was initiated in September of 1961 and is scheduled to terminate in September of this year.

The Project is simple in design. Specially selected teachers, each supervised by an active professional geographer, work with various high school age groups. They have attempted to guide students towards an appreciation of what geography is and what geographers do. They have been trying to encourage students to think in terms of location and spatial distribution.

As the second year of the High School Geography Project moves towards completion, plans are maturing for the creation of materials for a demonstration course. This course will be based on experience gained from the classroom and a general advisory paper prepared by professional geographers during the project's first year.

C.U.G.S. members who are particularly interested in the activities and results of the High School Geography project should watch for notices in the Journal of Geography.

#### THE USE OF COASTAL AREAS IN RELATION TO STORM HAZARD

Several Clark geographers and graduate students will assist in a study of a large area of the East Coast of the U.S. being undertaken by C.W. Thornthwaite Assoc. who are under contract with the Office of Naval Research. Clark participants in the Coastal Project include Professors Kates and Snead, and Graduate students, Arnold, Gardula, Hecock, and Meleen. In addition, Roger Kasperson (B.A., 1959) of Bridgewater State College will assist in summer field work.

The basic purpose of this study is to add to the understanding of the human use of outer coastal areas as related to storm hazard. The overall study area includes the coast from Maine to South Carolina. Within this large coastal area sample areas will be chosen for intensive investigation. These investigations are designed to provide information about the following:

1. The relationship between varying topographic characteristics and coastal hazard.
2. The geographic extent, magnitude, and rates of increase of human occupancy of outer coastal areas.
3. The distribution and characteristics of coastal activity and settlement found within zones of varying hazard.
4. The process of coastal settlement, development, and growth.
5. Current concerns of coastal communities and residents.

#### VISITORS TO THE SCHOOL OF GEOGRAPHY

Mr. Robert C. Estall, Lecturer at the London School of Economics, was our first speaker. Mr. Estall has been at Clark during the past year studying industrial change in New England. His talk dealt with some aspects of his research. He described the present position of New England as an area in transition, and posed several challenging questions regarding possible future industrial growth.

Dr. Tin Htoo, Lecturer at Rangoon University, Burma, was our second visitor. Dr. Htoo spent several days here and attended various classes. His lecture was concerned with the historical, economic, and political geography of Burma.

The third visitor was Dr. W.B. Johnston of Wellington, New Zealand. Dr. Johnston presented two lectures in which he described and analyzed the land-use patterns of New Zealand. He dealt extensively with land-use pattern changes through time in order to explain present problems and possible solutions.

Dr. Jean Gottman was our fourth visiting lecturer. He emphasized the need for a dynamic economic geography and stressed the desirability of new concepts viewpoints in geographic research.

The final visitor of the year was Dr. Arthur N. Strahler, Professor of Geomorphology at Columbia University. Both of Dr. Strahler's lectures emphasized the usefulness of quantitative methods and statistical analysis in geomorphic research problems.

### SOCIAL HIGHLIGHTS

The customary social gatherings held in honor of each visitor to the Graduate School of Geography, were sponsored by C.U.G.S.

The annual Christmas Party was a highlight of the C.U.G.S. social calendar. Entertainment was provided by willing and capable workroom talent. Dr. Raymond E. Murphy read a memorable poem.

Early in the year a party was held to honor Dr. Murphy as the new Director of the Graduate School of Geography.

### COURSES OFFERED 1962 - 63

Political Geography  
Land-Use  
Cartography  
Advanced Cartography  
Problems of Resource Management  
Problems in Economic Geography  
Weather and Climate  
Regional Physiography  
Urban Geography  
Quantitative Methods in Geography (2nd sem.)  
Seminar in Air Photo Interpretation (1st sem.)  
Seminar in the Development of Geographic Research and Quantification (1st sem.)  
Seminar in Historical Geography (2nd sem.)  
Seminar in Research Problems of Coastal Geography (2nd sem.)  
Seminar in Problems of Coastal Geomorphology (2nd sem.)

### DISSERTATIONS APPROVED, 1962-63

Mildred Berman - "Service Areas of Beersheba"  
David Brodeur - "Geographic Consequences of the Location of Some New England Town Commons and Greens"  
Donald W. Griffin - "A Central Commercial Area Fringe on the Basis of Valuation Data"  
Sister Marion Lyons - "Cali Colombia: A Geographic Study of the Present Nature and Future Potential of its Industrial Growth"  
Gertrude Reith - "Geographic Factors in the Historical Development of Ventura, California"  
Charles Varney - "Economic and Historical Geography of the Gulf Coasta of Florida: Cedar Keys to St. Marks"

### GRADUATE SCHOOL OF GEOGRAPHY 1962-1963



### IN THE WORKROOM

Abdul Wahab Al Dabbagh of Baghdad, Iraq, is carrying out a research program leading to an M.A. degree. His special interests are economic geography and arid-land development. Early this spring Abdul returned to his home in Baghdad to resume his teaching duties at the University and to continue work on his degree.

Shimim Ahmad, a West Pakistani, is interested in water resource development. Next year he plans to work on his thesis.

William R. Anderson, from Hastings, Nebraska, will receive an M.A. degree in geography this June. His special interests are in physical geography, especially climatology. Bill has accepted a position at Colorado Academy, near Denver, for the coming academic year.

Robert H. Arnold from West Newbury, Massachusetts, is currently engaged in writing a master's thesis as well as fulfilling the Ph.D. residence requirement at Clark. His special interests in geography are concerned with those aspects of economic geography dealing with the urban environment, recreation, and with resources. In keeping with those interests he will be engaged in a summer field investigation of the mid-atlantic coastal area for C.W. Thornthwaite Inc.

Hla Tun Aung received his B.A. from the University of Rangoon where he was subsequently employed as a Tutor in the Department of Geography. He is presently a State Scholar of the Government of Burma working on his M.A. degree. Upon his return to Burma, he will teach at the University of Mandalay.

Gwen Bell (B.S., U. of Wis., MCP Harvard Univ) is working for the Ph.D. on a part-time basis. She is assistant Editor of Ekistics.

Cecil C. Bench feels that there has been a sad neglect of geography in the classroom of the secondary schools. After completing his M.A. requirements here, he intends to return to Missouri to teach in a high school.

Leonard W. Bowden is currently teaching part-time at Rhode Island College and working on his dissertation. He will take his interest in water resources to the west when he joins the geography staff at the University of Southern California in September.

Claira Pirozzi Campbell, a native of New Hampshire, intends to complete requirements for a M.A. degree by January, 1964. She hopes to enter a doctoral program specializing in urban, economic, and political geography.

Farouk M. M. El Gammal is here at Clark for the third year on an Egyptian Government Grant. He has just finished his M.A. thesis and is about to complete his Ph.D. residency. After the completion of his Ph.D. program, he plans to teach at his Alma Mater, Cairo University.

Robert Gardula is searching for a dissertation topic which he will pursue next year. In the meantime he will join the Coastal Project for summer field work.

Louis John Gillespie III of Caldwell, New Jersey, is working for his Master's degree. Next year he will teach in a New Jersey high school.

Peter G. Goheen, a Canadian from Guelph, Ontario, is completing his M.A. residence. Next year he will return to the workroom to complete his M.A. requirements by writing a thesis in Urban geography.

Norman W. Goldman, a native of Worcester, expects to finish his M.A. requirements this summer. He has been granted a teaching fellowship at Boston University next fall. This will enable him to pursue interests in political and marketing geography.

Donald W. Griffin has completed his doctoral work. This year he worked at the Worcester City Planning Office. He joins the geography staff at UCLA in September of this year.

Dick Hecock of Detroit Michigan is currently completing residence requirement for a Ph.D. His interests lie in the geography of recreation and accessibility theory. After a summer of working on the Coastal Project, he will return to Clark as a Research Fellow.

Donald Higgins, a Worcesterite, is completing his M.A. residence here at Clark. He anticipates employment in a governmental agency next year.

Franklin D. Hodges is from Maine. Frank completes course work for the Ph.D. degree this year. He plans to work on a M.A. thesis and study French during the coming year.

Gilbert J. Hunter, another Detroiter, is employed by the Worcester Planning Department and studies French in his spare time. Since returning from Africa by way of Europe in the summer of 1962, he has organized some field material on Nigerian villages for possible dissertation use.

M. Aminul Islam of Dacca, East Pakistan, is working feverishly on his dissertation which is concerned with the land-use of East Pakistan. Upon completion of his degree requirements this summer, he will resume his teaching responsibilities at the University of Dacca.

Allan Wynne Jones considers himself a general geographer - "Never a specialist." His future plans call for his return to his native Wales where he will begin a teaching career.

James P. Lenahan, a retired AIR FORCE Major, is working towards an M.A. degree. His geographical interests are centered on military and political geography though he expresses some interest in physical fields. His plans call for a second career as a college teacher.

Agrippina A. Macewicz will complete work on her dissertation this summer. Next fall she will return to her teaching assignment at Bridgewater State College.

Nathan H. Meleen, an ardent Californian, is presently working on his M.A. requirements. His future plans call for work on the Ph.D. and the teaching of college geography, preferably at the state college level. Among his wide geographical interests are climatology, historical geography, Mediterranean agriculture, and mountain physiography.

Pedro G. Parilla (M.A. Economics, U of P. R.) whose home is in San Juan, is presently a Ph.D. resident. Starting in August, he will teach economics and geography at the University of Puerto Rico.

Peter Pingree of Andover, Mass. is our snowfall expert. Presently, he is working on a Master's thesis in climatology, and is investigating possibilities for a job.

George B. Priddle is an Ontario Canadian. His interest in recreation geography will take him to Algonquin Park where he will be doing research for a Master's thesis under the auspices of Canada's Department of Lands and Forests. He will return to Clark in the fall to work on his Ph.D. residence requirement.

Roger A. Roberge of Bristol, Connecticut, is finishing his M.A. residence. After working with a planning board for a while, he plans to pursue a Ph.D. degree in regional planning.

Judith C. Rodier, a native of Oxford, Mass., is on the M.A. program. Beginning this summer, she will take a "work-break" for three or four years before going ahead on a Ph.D. program. She hopes eventually to be a university teacher and researcher in geography (and spend every summer of her life doing field work.)

John F. Rooney, Jr., from Kankakee, Ill., is currently in residence for the Ph.D. His particular interests are in the fields of urban, economic, and resource geography. Next year, will find Mr. Rooney in a teaching position at the University of Wyoming.

Carolyn J. Ryan, a Massachusetts gal, has one more year under her U.S. Steel Fellowship. Presently, she is busily engaged in preparing a dissertation. Her future plans are uncertain.

Joe Sage teaches at Worcester Polytechnic Institute and is working part-time on the Ph.D. He has shown some interest in Urban Geography.

Shyam S. Sharma received both his B.A. and M.A. at Banaras Hindu University in his native India. He came to the United States in 1961 and is currently working towards a Ph.D. in settlement geography.

Vincent J. Talarico, Jr., of Danbury, Connecticut, is completing course work for the M.A. degree. He intends to teach for several years before pursuing a Ph.D. in coastal geomorphology.

Mahroo Tavakolian focuses her attention on the geography of oil resources. After a summer visit to her native Iran, she will return to finish her thesis and work on Ph.D. language requirement.

#### FEATURE ARTICLE

#### HISTORICAL GEOGRAPHY AT CLARK

by W. A. KOELSCH

Historical geography, the record of geographic investigations into the past, has been successfully cultivated as a research field by few in American geography. Clark University was fortunate in attracting one of the most noted historical geographers, Miss Ellen Churchill Semple, to the original faculty of the Graduate School of Geography in 1921. During her Fall semesters in Worcester, Miss Semple most frequently taught courses in Anthropogeography and in the Historical Geography of the Mediterranean region. This work was supplemented in the 1920's by a history course, "Historical Geography of the United States," taught by James Elaine Hedges. Clarence Jones also, occasionally offered a course called "Influence of Geography on American History" for undergraduates and in extension work. Miss Semple had pioneered in this field herself a generation earlier with her first book, American History and its Geographic Conditions. After retiring from active teaching she completed, with the assistance of Clark graduate Ruth E. Baugh, her most mature work of historic geographic scholarship. The Geography of the Mediterranean in its Relation to Ancient History. Miss Baugh returned to Clark in the Fall semester, 1931-32, as Visiting Lecturer to teach once again Miss Semple's course in the geography of the Mediterranean.

Miss Semple's work in Anthropogeography proper was continued by Dr. W. Elmer Ekblaw, and this stream is represented today in the Clark curriculum by Dr. Henry J. Warman's course in human and cultural



geography. But the historical geography stream went underground for over thirty years to emerge again for the second semester of this year. When Dr. Warman took on the task of Field Coordinator of the promising new AAG-NCGE experimental courses in high school geography, William A. Koelsch, another alumnus, returned as a Visiting Lecturer and is conducting a graduate seminar in historical geography. Mr. Koelsch in some sense unites two traditions of American historical geography, the aforementioned Clark stream stemming from Miss Semple and the Chicago stream, likewise underground now, flowing from Harlan Barrows, whose Lectures on the Historical Geography of the United States he edited last year.

The point of view of the seminar, however, reflected the approach neither of Miss Semple nor of Barrows; in fact, each student was encouraged to select a topic for research suited to his own needs and interests, and to organize it under any point of view which he could legitimately defend as historical geography. The seminar itself was run along respectable nineteenth century lines, the word "seminar" being interpreted rather strictly to mean a formal presentation of the results of original research.

For the conscientious student this seminar meant a great deal of hard labor, in that it was necessary to go in one semester from the A.B.C.'s of historical geography to the point of accomplishing a piece of original research in that field. One of the fringe benefits seems to have been a greater awareness of the library and of the need for a wider knowledge of bibliography and the skills associated with "armchair geography" in the best sense. At minimum, each student was exposed to a field of geographic research which has contributed works of substantial scholarly value to the literature and which, especially in recent years, has come more and more to be recognized as a useful perspective in many kinds of geographic problems.

#### ALUMNI ACTIVITIES

Agnus M. Allen (M.A. '34, Ph.D. '31) is Professor of Science and director of the Division of Science and Mathematics at Arizona State College in Flagstaff.

Esther S. Anderson (Ph.D. '32) Professor Emeritus at the University of Nebraska, is retired from the Bureau of the Census. Esther was elected to the Board of Director of Sigma Delta Epsilon (Graduate Womens Research Organization) and soon will publish an article, "Geography in a Changing World," in their Bulletin. She represented Women in Science as a delegate to the first Congress of American Women Leaders held in Washington D.C. this year.

Paul E. Andrew (M.A. '22) is retired and lives in Cayucos, California.

Rollin S. Atwood (M.A. '25, Ph.D. '28) is currently enjoying his role in the academic life as Professor of Geography at American University after retiring from the U.S. Foreign Service and resigning from the Inter-American Development Bank.

John P. Augelli, (A.B. '43) is Professor of Geography and Director of the Center of Latin American Studies at the University of Kansas. John recently published an article in the Annals entitled, "The Rimland-Mainland Concept of Culture Areas in Middle America."

Simon Baker (1954-56, 1958-59) is Assistant Professor of Geography and Area Development at the University of Arizona. He reports that his dissertation is in progress and that he is involved with the production of an atlas of Arizona. The Bakers are expecting their third child this year.

Ruth E. Baugh (M.A. 1926, Ph.D. 1929) is Professor Emeritus, University of California at Los Angeles.

Nels A. Bengtson (Ph.D. 1927), Professor Emeritus and Dean at the University of Nebraska, recently published "The Economic Impact of Deep Well Irrigation on the Flat Uplands of the Nebraska Loess Plain" in the Northwestern University series on Economic Geography.

Edward G. Benoit (1956) is retired from the Army and is enjoying Florida life.

Lloyd D. Black (M.A. '36), Adjunct Professor at the American University, is also Development Planning Economist in the Agency for International Development.

Robert E. Black (1958-60) has traveled throughout the country as an Intelligence research officer for the Army. Christopher Black was born last October.

Carl Blomfield (M.A., 1934) and Gertrude (Grady) Blomfield (M.A., 1935), teachers in the Detroit school system, announce the marriage of two daughters this summer. The Blomfields traveled in Canada last summer.

Hans Boesch (1934-35), Professor of Geography at Zurich, is presently completing a manuscript called "A Geography of World Economy."

Clyde J. Bollinger (1929-30), Emeritus Professor of Geography at the University of Oklahoma, is interested in the Geography of Space. He is hard at work producing The Atlas of Planetary Solar Climates.

Adelbert K. Botts (M.A. '31, Ph.D. '34), Professor of Geography and Chairman, Department of Social Sciences at Trenton State College, reports the birth of two grandchildren and tells of a station-wagon trip to Alaska and Seattle last summer.

David D. Brodeur (Ph.D. 1963) was recently appointed an administrator of CARE, India.

Dorothea Hawley Burton (M.A. '47, Ph.D., '49) who holds the title of Intelligence Research Specialist for the Defence Intelligence Agency, specializes in transport in the Far Eastern Bloc countries.

Harry H. Caldwell (B.A. '41, Ph.D., '51) is Associate Professor of Geography at the University of Idaho.

Robert D. Campbell (Ph.D. '49) is Chairman of the Department of Geography at George Washington University and President, AREA, Inc. He is presently engaged in research with AREA, Inc. and will publish The Political Geography of Pakistan in the spring of 1963.

Albert Carlson (B.A. '29, M.A. 31, Ph.D. '39) is Professor of Geography at Dartmouth College.

Norman Carls (Ph.D. 1935) resigned his professorship at the University of Pittsburgh last year. Presently he is working on elementary Text books and is looking for future employment ("only polite suggestions solicited!").

Thomas W. Chamberlin (M.A., 1937, Ph.D., 1946) sends his greetings from Duluth where he is Academic Dean and Professor of the University of Minnesota, Duluth.

Margaret S. Chew (Ph.D., 1960) will take time off from her work at Wisconsin State College to visit Hawaii this summer.

Carolyn Steidle Clodfelter (M.A., 1961) teaches Latin in a Cincinnati High School.

George S. Corfield (B.Ed. '30, M.A., '31) is Chairman of the Department of Geography and Geology at Nebraska Wesleyan University.

Clark N. Crain (Ph.D., 1951) is Professor and Chairman of the Department of Geography at the University of Denver. He has expanded his research interests to arid and tropical lands. He is also attempting to adapt computer techniques to environmental studies.

George B. Cressey (Ph.D., 1931) reports that he is planning a round-the-world lecture tour for the Department of State.

Floyd F. Cunningham (M.A., '28, Ph.D. '30) is Professor of Geography and Director, Laboratory of Climatology, at Southern Illinois University.

Nadine A. H. Deacon (1944-5, 1962) is engaged in research for her dissertation while teaching in the extension program of the University of Toronto.

Veva K. Dean (Ph.D., 1949) is Professor of Geography at the State College of Fitchburg, Massachusetts.

Aubrey Diem (M.A., 1956), an Assistant Professor at the University of Waterloo, led a field trip to Europe in the summer of 1962.

David H. DuBiel (1956-57) is a City Planner in the San Francisco Planning Department. Dave was married last summer.

John Robert Dunkle (Ph.D. 1955) is Associate Professor of Physical Sciences and Geography at the University of Florida. He is currently constructing a topographic wall map of Florida.

Sidney E. Ekblaw (Ph.D., 1934), Chairman of the Department of Geology and Geography at the University of Kansas City, is President of the National Council for Geographic Education this year.

Francis E. Elliott (Ph.D., 1952), oceanographer with General Electric Company, served as a Visiting Professor in Oceanography at Cornell University this year.

Van H. English (Ph.D., 1942), Chairman of the Geography Department at Dartmouth College, spent last winter traveling in the Amazon Basin and visiting other areas of South America.

Bart J. Epstein (Ph.D., 1956) is now Supervisor, Sales Facilities Research, for the B.F. Goodrich Company.

Richard B. Erickson (M.A., 1959) and Marcia D. Erickson (M.A., 1959) live in Norwich Connecticut where Dick is Executive Director of the Southeastern Connecticut Regional Planning Agency.

Wilma Belden Fairchild (M.A., 1937), editor of the Geographical Review, has been appointed to the U.S. National Committee for the International Geographical Union.

Brad Fisk (M.A., 1950) lives in Chatham, Massachusetts, and is Assistant Professor of History and Geography at the Cape Cod Community College in Hyannis.

Roy J. Fletcher (1959-60), Lecturer in Geography at the State University of New York at Buffalo, plans to travel extensively this summer. California, Western Canada, and Alaska are on his itinerary.

Charles N. Forward (Ph.D., 1958), Assistant Professor at Victoria College, is presently engaged in the study of land use in British Columbia.

Edwin J. Foscue (Ph.D., 1931) is Professor and Chairman of the Dept. of Geography, Southern Methodist University. Ed. & his wife traveled to Central Europe last summer and did research on Alpine settlement.

J. Keith Fraser (1955-56) has been Appointed Chief, Toponymy Division, of the Geographical Branch in Canada.

Otis W. Freeman (Ph.D., 1929) is working on a revision of World Geography.

Alfonso J. Freile (Ph.D., 1961) of Caracas reports the birth of a daughter.

Roland J. Fuchs (Ph.D., 1959) is Assistant Professor of Geography at the University of Hawaii. Roland spent last year studying at Moscow State University where he engaged in Urban research. He published an article in a Russian Journal which contrasted Russian and American Urban Geography. Dr. Fuchs will return next year to his Alma Mater (Clark) to teach courses in Urban Geography and the Soviet Union.

He will be on leave from the University of Hawaii for the year.

Howard L. Green (B.A. '47, M.A., '49) has recently joined Ford Motor Company as Planning Manager. He has published recently in Dunn's Review, Fortune, The Department Store Economist, The Journal of Retailing, and the Bureau of the Census Working Papers.

Andreas Grotewold (M.A., 1951), on sabbatical leave from the University of Missouri, is currently working on a monograph on international trade.

Neil W. Halkyard (M.A., 1951) is Headmaster of the Shepherd Knapp School, Bolyston, Massachusetts.

George E. Harding (1931) is retired and is planning a European trip this summer.

Alan Harris (1951-52) was awarded a Ph.D. by Hull University in Yorkshire and is now a lecturer at that Institution.

Mary Ladd Hayes (1941-42) is very busy as the mother of two active young daughters.

Colbert C. Held (Ph.D., 1949) reports that his job as Geographic Attache in Beirut has taken him to fourteen Middle Eastern countries this year.

Harriet Lee Hirst (M.A., 1928) teaches in the Science Department of the Brearley School, New York, N.Y.

Gerald H. Hones (M.A., 1953) is Senior Geography Master at the Harvey Grammar School in Folkstone, Kent, United Kingdom. He reports that he would be happy to offer hospitality to Clark Geographers visiting the area.

George F. Howe (B.A., 1922, M.A., 1924) retired this year after teaching geography at Central Connecticut State College for 38 years. His future plans call for a considerable amount of travel.

Joseph B. Hoyt (Ph.D., 1954) lives at Woodbridge, Connecticut, and is Professor of Geography at Southern Connecticut State College. He is currently engaged in writing State historical geography texts for grade schools.

Bert Hudgins (Ph.D., 1930) is reportedly enjoying his retirement.

Harry Hutter (M.A., 1931) is Assistant Professor of Geography at the University of Toledo.

Esther Kinch Hunter (M.A., 1940) is a housewife in Palo Alto, California.

Albert H. Jackman (Ph.D., 1949) recently retired from the Army and is now Assistant Professor of Geography at Western Michigan University. He is doing research in Military geography.

Preston E. James (Ph.D., 1923) toured Europe by auto last summer. He will publish One World Divided next year.

Jessie Thornton Jesseman (M.A., 1941) teaches at Rundlette Junior High, Concord, New Hampshire, and is looking forward to retirement and travels.

Katherine C. Johnson sends her greetings from Brooklyn, New York.

Lane J. Johnson (M.A., 1957, Ph.D., 1960), Assistant Professor of Geography at Wayne State University in Detroit, announces the birth of a son, Brian Kane Johnson. Lane attended the summer Institute on the application of quantitative techniques in geography at Northwestern University and is carrying on research on functional centrality and delimitation of economic regions.

Olof Jonasson (Ph.D., 1926), Professor Emeritus, sends his greetings from Göteborg.

James P. Jones (M.A., 1950) is on leave from his job as Department Chairman of the State College at Boston. He is working on a doctorate in urban studies at Syracuse.

Coen Kiewiet de Jonge (Ph.D., 1951) is Assistant Professor of History at St. Michael's College, Santa Fe, New Mexico. Coen married Benito Duran last August.

William F. Kane, Jr. (M.A., 1954) is director of Planning and Research, Worcester area Chamber of Commerce. He is the father of four children, Michael, Ann, Katherine, and Mary.

Frank and Marilyn Kelland (M.A.'s, 1954) are both Assistant Professors of Geography, Frank at Montclair State College, and Marilyn at Newark State College. They are both continuing doctoral work.

Lois R. Keller, (M.A., 1929) sends her greetings from Cleveland Heights.

Edward S. Kersch (M.A., 1958) is Intermediate City Planner, Detroit City Planning Commission. A second child, Howard Steven, was born to the Kersch's in March of 1962. Ed. recently received his M.A. in Urban Planning from Wayne State University.

Harry B. Kircher (Ph.D., 1961) is an Economist with the Federal Reserve Bank, and a lecturer, at Washington University in St. Louis.

Esther L. Kistler, (M.A., 1938) is a retired school teacher, living in Nanticoke, Pennsylvania.

Richard J. Kopec (1957-59) recently took a position at Wayne State University in Detroit.

Oliver H. Laine (M.A., '49, Ph.D., '53) is President, Catonsville Community College, Catonsville, Maryland.

Charles F. Lane (1945-6), is Professor of Geography and Geology, Longwood College, Farmville, Virginia.

George Langdon (Ph.D., 1951), Professor of Geography at the State College at West Chester, Pennsylvania, has a book in the process of publication called Exploring Earth Environments, a World Geography.

Lt. Col. Frances M. Lathrope (M.A., 1940) is retired from the Army and is teaching elementary school in Alexandria, Virginia.

Minnie E. Lemaire (M.A., 1932, Ph.D., '35) is chairman of the Department of Geology and Geography at Mt. Holyoke College. She traveled in West Africa last Spring and subsequently lectured to Peace Corpsmen going to French West Africa.

Lawrence T. Lewis (M.A., 1962) married Worcester's Ellen McGreevy last September and is presently an officer in the Air Force.

Robert E. Lingner (1956-60) is Assistant Professor of Geography at East Stroudsburg State College.

Urban J. Linehan (Ph.D., 1955) resides at 360 S. Greenly St., Silver Spring, Maryland.

Dana A. Little (M.A., 1951, 1955-56) is Planning Associate, Maine Department of Economic Development.

Trevor Lloyd (Ph.D., 1960) is Chairman of McGill's Geography Department. He plans a visit to the McGill Geography Department's Research Stations in Barbados and West Indies. He will direct McGill Summer School of Geography.

Richard and Miriam Lockhart (M.A.'s, 1957) are living in Cambridge Massachusetts. Miriam is a practicing housewife, while Dick is South End Planner for the Boston Redevelopment Authority.

Richard F. Logan (B.A., 1936, M.A., 1937) directed UCLA's Field Camp last summer. Recently he has traveled extensively in Europe.

Harriet Ruth Long (M.A., 1941, Ph.D., 1955) is head of the Geography Department and Acting Director of the Arts and Sciences Program at Edinboro State College in Pennsylvania.

Robert Looker (M.A., 1960) is associate planner at Goodkind and O'Dea, New Haven, Conn. The Lookers are now four with the arrival of Daniel Richard last August.

Arthur C. Lord, Jr., (1957-59, A.M. 1959) is Assistant Professor of Geography at Millersville State College, Pennsylvania.

Grace Lee McIntosh (B.Ed, 1931) lives in Rome, New York, and is very proud of her two grandchildren.

Wallace E. McIntyre (Ph.D., 1951) sends his greetings from McLean, Virginia. He is employed with the U.S. Government.

Sister Marion, S.C.H. (1958-9) lecturer in geography at the Academy of the Assumption in Wellesley Hills, Massachusetts, has recently returned from a research trip to Cali Columbia where she gathered material for her dissertation, which was recently accepted by the Department. She will receive her Ph.D. in June.

Dr. Michael G. Mensoian (B.A., 1949) is an Associate Professor of Geography. He is editor of Changing Eastern Lands, and Lands of the Eastern Hemisphere, both published in the fall of 1962.

Frederick S. Merriam (M.A., 1946) is Sales Representative for Waddell and Reed, Inc., and lives in New York City.

Harley P. Milstead (M.A., '26, Ph.D., '33) Professor of Geography at East Carolina College includes teaching, traveling, and writing in his future plans.

Paul C. Morrison (Ph.D., 1941), Professor of Geography at Michigan State University, has completed his 31st year of teaching at that institution.

Natalie E. Nason (1946-49) is Education Director for the 7th Infantry Division in Korea. She has enjoyed the opportunity for travel in South-east Asia.

George N. Nasse (B.A. 1953) has moved from Western Michigan University to Northern Michigan College at Marquette where he is Assistant Professor of Geography.

Salvatore J. Natoli (M.A., 1957), Assistant Professor of Geography at the State College at Mansfield, Pennsylvania, reports that he is interested in "Programmed Instruction" and has been working on a fifth grade geography text.

Herman L. Nelson (Ph.D., 1954) is Professor of Geography at Iowa State College in Cedar Falls.

Norton Nichols, Jr., (M.A., 1950), is Assistant Superintendent of Educational Services for the Antelope Valley High School District, Lancaster, California.

Howard L. Ohman (M.A., 1949) lives in Worcester and holds a position with the Quartermasters Corps of the U.S. Army.

Ralph E. Olson (Ph.D., 1946) is Chairman of The Department of Geography at the University of Oklahoma.

Robert F. Perry, Jr., (Ph.D., 1957) is Chairman of the Department of Geography at Worcester State College.

Rafael Pico (M.A., '32, Ph.D. '38, LL.D. '62) is President of the Government Development Bank for Puerto Rico. He concluded a mission to the Dominican Republic as President Kennedy's Special Economic Representative.

Ada G. Pipul (1946) is Assistant Professor of Geography at the District of Columbia Teachers College.

Paul A. Prince (M.A., 1953) was a recipient of a National Science Foundation Faculty Fellowship at Michigan State University. He will be doing field work in glaciology in Alaska before returning to the State College in Indiana, Pennsylvania.

Maj. Lawrence E. and Clara R. Randall (M.A.'s, 1950) are at Maxwell Air Force Base where Larry is a student at the Air Command Staff College.

Richard R. Randall (Ph.D., 1955) married Patricia Spencer last June. Dick is the Manager of the Washington Office of Rand McNally and Co.

John W. Reith (M.A., 1941) continues as Chairman of the Department of Geography at University of Southern California. He has recently written for Focus, Journal of the West, and Northwestern Studies in Geography.

Gertrude M. Reith (1940-42, 1961) recently submitted her dissertation, "Ventura, Life Story of a City," and will receive her degree in June. She is teaching at Orange State College in Fullerton, California.

Agnes C. Renner (M.A., 1940) who is chairman of the Department of History and Geography at St. Ambrose College in Davenport, Iowa, included Alaska, Manitoba, Germany and Africa, on her travel itinerary last summer.

Walter W. Ristow (Ph.D., 1937) continues to be Chief of the Map Division of the Library of Congress.

Frederic A. Ritter (M.A., 1957, 1960-61) is participating in the AAG and NCGE High School Geography Project as an instructor in Geography at Baltimore City College.

Mary Catherine Roberts (1931) reports no changes in her retirement status.

Ina Cullom Robertson (M.A., 25) recently wrote Guide to the Open Highway, to be used by the Anthony Tour Service of Dallas, Texas.

Candida R. Ramirez, de Roman (1946-47) is Associate Professor of Geography at the University of Puerto Rico.

John K. Rose (1931-32) is with the Legislative Reference Service of the Library of Congress.

Carl W. Ross (1939-41), Geographer with the Earth Science Division of the U.S. Army, traveled in the Maritime Provinces last summer.

Robert W. Rucker (M.A., 1928) announces his retirement from his post as Associate Professor in the Earth Science Department of Bridgewater State College.

Edward D. Russel (B.A., 1921, M.A., 1922) sends his greetings from Framingham, Massachusetts.

Anthony Sas (Ph.D., 1957), Associate Professor at Madison College (Bridgewater, Virginia), is engaged in demographic research.

Barbara Roberts Saydam (1957-58) is a housewife who reports that it is necessary to be fluent in French to be a good resident of Montreal.

Francis J. Schadeegg (1935-37, 1939, 1946-47) continues in his position as chairman of the Department of Geography and Geology at Eastern Washington State College. His recent activities include a summer field trip, a geomorphology symposium, and outdoor educational workshops.

Gerald W. Schultz (1953-54) and Jean Salvi Schultz (1957-58) announce the birth of a son, Jeffrey Tyson.

Major Dale Severtson (1959-61), recently returned from Turkey, is currently working for the Air Force Minuteman Missile Research Program.

Earl B. Shaw (Ph.D., 1933) is Professor of Geography at Assumption College. He has a light teaching load and continues leisurely research and occasional travel.

Edward M. Risley (1946-48) left the Pentagon this year and is now project officer of The Arms Control and Disarmament Agency.

Harry Alan Sickler (1958-60) is Assistant Director of the Warren County (Pennsylvania) Planning Commission. He was married to Ruth Pratt late last year.

Robert B. Simpson (M.A., '33, Ph.D. '41) is with the Autometric Corporation which is engaged in research and development for reconnaissance, mapping, and geodesy.

Helen L. Smith (Ph.D., 1958) is currently a Visiting Lecturer in the Undergraduate Division at the University of Illinois, Chicago.

Winifred Smith (M.A., 1934) continues to teach geography at Burncoat Junior High School in Worcester.

Myron Starbird (1954-55) is Professor of Geography at the State Teachers College in Farmington, Maine.

Reed F. Stewart (1958-59) works as a "Religious Research Geographer" for the Protestant Episcopal Church. In this capacity he has done considerable traveling.

Hazel Latendress Stickney (Ph.D., '52) is Associate Professor of Geography at Livingston State College in Alabama.

Robert G. Stone (1930-31) is Chief, Scientific Information and Publication Division, of the Air Force's Weather Service.

John L. Taylor (M.A., 1940, Ph.D., 1953) is consultant on territorial affairs to the Committee on Interior and Insular Affairs of the House of Representatives. In this capacity and as a Capt. in the Naval Reserve he has been doing a great deal of traveling.

R. Paul Terrell (Ph.D., 1949) continues as Professor of Geography and Head of the Department of Geography and Geology at Western Kentucky State College at Bowling Green.

Ray W. Tobey (M.A., 1953) is enjoying retirement at Pine Cone Farm in Fairfield, Maine.

Joseph A. Tosi, Jr., (Ph.D., 1959) is with Instituto Interamericano de Ciencias Agrícolas Turrialba in Costa Rica.

Grady Tucker, Jr., (Ph.D., 1957) has recently taken a position with Larry Smith and Co., a real estate consultant firm in Washington. With Howard Green, he co-authored The Use of Census Tract Data in Nationwide Merchandising.

Shirley VanBlarcom (1952-53) is residing at 5415 Connecticut Ave. in Washington, D.C.

J. E. Vance, Jr., (Ph.D., 1962) is an Associate Professor of Geography at the University of California, Berkeley, California.

Eugene Van Cleef (Ph.D., 1926), Professor Emeritus of Ohio State University, traveled in Southern Europe and the Middle East last summer.

Wouter Van De Bunt (1951-52) executive assistant to the Manager of KLM - Royal Dutch Airlines, welcomed his fourth child (second Son) to the family this year.

W. Van Royen (Ph.D., 1928) is Chairman of the University of Maryland Department of Geography. He is doing consulting work for the Department of Commerce and the Army, and is working on a book "in his spare time."

H. E. Van Tuyl, Jr., is still living in Arlington, Virginia.

Paul P. Vouras (M.A., 1951), Assistant Professor at Patterson State College, was visiting lecturer at Iowa State College last summer. He has recently written The Changing Economy of Northern Greece Since W.W. II.

Lillian H. Wallace (M.A., 1941) retired from the position of Associate Professor of Geography after twenty years of service to Westfield State College at Westfield, Massachusetts.

Mildred M. Walmsley (M.A., '43, Ph.D. '52) is Assistant Professor of Geography and resides in Cleveland.

Alward J. Walnut (1958-59), a Planner with the New Jersey Division of State and Regional Planning, is involved in reclamation work along the New Jersey seashore.

Miles W. Weaver, (1951, M.A.,) is Vice-President and Treasurer of the Northwest Planning Associates of Maine. He has been engaged in town and regional studies for Rangeley, Maine.

Si West (M.A., 1941) is a Branch Chief with the U. S. Government. He has been active in the Middle Atlantic Division of the AAG.

Katheryne Thomas Whittemore (M.A., 1925, Ph.D. '35) retired from State University College at Buffalo, and is revising a fifth grade text.

A. J. Wraight (Ph.D. 1951) is Chief Geographer, U.S. Coast and Geodetic Survey. He recently published an article dealing with the work of the U.S. Coast and Geodetic Survey and also one concerned with urban planning. He is also preparing a book on Delaware place names.

Marion I. Wright (M.A., 1946), Assistant Professor of Geography at Rhode Island College took a 11,000 mile trip to Mexico last summer in a Volkswagen Camper. She is currently on Sabbatical leave.

John C. Lowe (1960-62) is currently working as an urban and economic consultant with a Baltimore firm. He is also in the process of writing a dissertation.

Roger J. E. Brown (Ph.D., 1961) is a Research Officer, with the National Research Council, in Ottawa, Canada. He is carrying on "permafrost" research.

Harold F. Creveling (Ph.D., 1951), is Chairman of the Geography Dept. at East Stroudsburg State College, Pennsylvania. He recently delivered a paper entitled, "Tocks Island Dam and the Eastern Poconos."

#### OBITUARIES

Rose Zeller (M.A., '30, Ph.D. '40) Retired Professor of Geography, Eastern Illinois State Teachers College, Charleston, Illinois.  
February 13, 1962.

Leonard Packard (M.A., 1926) Retired Professor Emeritus of Geography, Massachusetts State Teachers College of Boston.  
May 10, 1962.

Mrs. Guy H. Burnham (Martha E.) wife of Guy Burnham.  
May 17, 1963