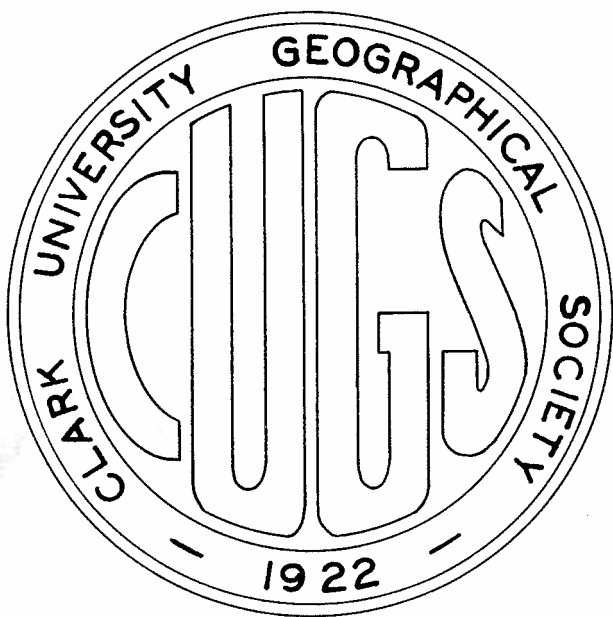


# THE MONADNOCK



VOLUME XXXIX

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To the C.U.G.S. membership:

Of course you know that without your help this magazine could not be published. We want to express our deep appreciation for the efforts all of you have made this year to allow The Monadnock to continue. It is our sincere hope that this issue measures up to your expectations and that any errors that may lie within the covers will be forgiven.

We give special thanks this year to Mary Christina Budzyna who typed the draft and to Mr. Guy Burnham who looked after the funds.

Mary Ann Kropotkin  
Peter Sakalowsky, Jr.  
Co-editors

Once again it is time for stock taking. This year I have a particularly good excuse to reassess geography as I have known it, for, as most of you have heard, I am retiring as Director of the Graduate School of Geography at the end of this semester.

Over the nearly forty years of my professional life, half of which have been spent at Clark University, I have seen geography and, in fact, the whole teaching profession change from a pleasant, thoughtful, scholarly pursuit to a frenetic urge to get ahead. I think we have lost something in the process.

Time was when a young geographer, PhD in hand, went out to his first teaching job. It was expected that he would need a few years to find himself, that he would need time to perfect the courses he was assigned, time to decide what aspects of geographic research challenged him most. To be sure, some remained unchallenged. But for those who were, research represented a gathering maturity, and publication the sharing of a slowly acquired wisdom.

During the 20's and 30's there was little or no money for research. One spent his own. Somehow he found the time, in spite of a heavy teaching load, to delve into some aspect of geography, and occasionally to publish his results in the magazines and thus contribute to growth of the discipline. In time, if he were persistent enough, he might acquire sufficient expertness in some particular aspect of the subject to write a book. More practically, he might write several textbooks and so round out a career, and, at the same time, enrich the teaching of his courses. Eventually, having achieved recognition for his efforts, the geographer might be entrusted with the task of teaching graduate students.

Consider how the picture has changed! Today, young men with the ink still wet on their diplomas step immediately from their own graduate school experience into teaching other graduate students. No time has elapsed to allow these neophyte professors to mellow, to gather wisdom or experience. It is hard for them to avoid simply passing on the lore they acquired only a year or two before. Moreover, under the pressures of the "publish or perish" dictum, they must burst into print at all costs. It is not surprising that there is often a lack of penetration in their results, a tendency to say and publish the same things again and again in slightly different words. Another identifiable characteristic of their research products is an overdependence on the clichés of the moment.

They work hard, these young men, but they lack patience. Nor do they make financial sacrifices in order to carry out their field work. Who pays for his own research these days? Foundations or government agencies can generally be found that will finance a project provided you

can dress it up properly so as to make it fit some bureaucrat's preconceived idea. You will have to give up your dream, of course, or rather do your dreaming only where the money is. Chances are you will have to give up the privilege of working alone as well. Instead, you will become one of a research team where individual initiative will be sure to be smothered under a babble of voices.

But enough nostalgia for the "good old days". In many respects things are looking up for the geographer. When I came out of graduate school, jobs were few and far between; now the new PhD can pick and choose and he is likely to go ahead fast. And money for research has its advantages. If research and publication are musts nowadays, then it is only fair that they be underwritten. Most of us used to long for foreign field experience; now it is difficult to find among our graduate students enough good applicants for the Foreign Field Research Program of the National Academy of Sciences-National Research Council. Little excuse remains for the faculty member who does not do something to expand the horizons of geography.

These "better days" should be reflected at Clark. The School has an outstanding reputation both inside the United States and abroad. This has been recognized by the University Administration in the assurance that the name "The Graduate School of Geography" will be continued. We have a new Director, Dr. Saul B. Cohen, outstanding geographer and personal friend. He is ideally equipped to lead the School to the position it should occupy in the future. He has my best wishes.

As for my own plans, I expect to continue teaching Problems in Economic Geography and Urban Geography, and to edit the magazine, Economic Geography, which I consider to be Clark's greatest single geographic asset. In my spare time I shall be reading proof on The American City: An Urban Geography, which McGraw-Hill promises for "early 1966." In addition to these activities, I hope to continue my investigations of the fragmented jurisdictional pattern of the American urban agglomeration. It looks as though I might have my hands full at that.

Raymond E. Murphy

#### STAFF NEWS

Since returning from the International Geographical Congress and an extended field trip in Western Europe with Dr. Van Valkenburg's summer school students, Dr. Henry J. Warman has devoted a considerable amount of time and thought to 1966 and 1968 plans for the International Commission on Education, to which Dr. Warman was elected at the Congress. A Pan-American session in Mexico City is being planned for November.

Along with second-semester speaking engagements in Atlantic City, Albany, Philadelphia, and in nearby school districts, preparations are being made for participation in N. D. E. A. Geography Institutes to be held this summer in Indiana, North Carolina, and Massachusetts.

Research and writing include the planning and direction (as coordinator) of a project to create meaningful transparencies for use at several levels of geography teaching. Packages have been completed on the United States and Europe. Others in process are Southeast Asia, Africa, South America, North America, and the world. In the formative stages are series dealing with the Soviet Union and Asia's Rimlands.

A series of elementary social studies books is being produced by Dr. Warman in collaboration with Dr. Kenneth D. Wann of Columbia University. The revision of College Geography by Dr. Langdon White and the late Dr. George Renner is well under way.

All the above, coupled with the teaching of Regional Geography of South America, a seminar in Cultural Geography, and a late afternoon Geography in Education course for teachers in service, advisory duties and committee work on and off campus--fill the days to overflowing!

A paper on "Geography Teaching and the Structure of the Discipline" was presented at the I.G.U. Congress. It will appear as an article in a forthcoming issue of the Journal of Geography.

In November, 1964, Rodman E. Snead attended the Annual Meeting of the Geological Society of America in Miami, Florida, and presented a paper on the Pakistan coast before an informal session of the Coastal Research Group.

From Miami he went on the Puerto Rico to discuss a possible field camp program with Pedro Parrilla and visited several mangrove and beach rock sites along the Puerto Rican coast.

At the end of January, 1965, during intersession, Rod visited mangrove, coral, and beach rock sites in southern Florida. On April 19th he presented a paper on "Recent Morphological Changes Along the Coast of West Pakistan" at the Columbus Meetings of the A. A. G.

Along with Robert Kates and Ian Burton, Rod continued work on the study of the occupancy of coastal hazard areas of the east coast of the United States, collaborating with C. W. Thornthwaite Associates of Centerton, New Jersey.

Rod is presently preparing a report for the Fish and Wildlife Service, Sandy Hook Marine Laboratory, on the geomorphology and coastal changes along the east coast of the United States from Maine to Florida. This report will provide background material for a book on conservation problems relating to the Atlantic estuarine zone.

During the summer of 1965 Rod plans to teach Physical Geography and Regional Geography of Asia in the Geography Department at the University of Hawaii, Honolulu. In August the return trip across the United States will be by way of the Olympic Peninsula, Canadian Rocky Mountains, and the Great Lakes Region.

His publications in 1964 included "Active Mud Volcanoes of Baluchistan, West Pakistan," (Geographical Review, October, 1964), with Mohammad Tosnif; "An Ecological Survey of the Vegetation of Las Bela and Its Adjoining Areas," (The Scientist, January, 1964); and an obituary of George Babcock Cressey (Geografia, Winter, 1963). A summary of the first of these appeared in the October 28, 1964, issue of Science Fortnightly.

Mr. Martyn Bowden, the new member on our staff, has executed a very successful Honors program for Clark undergraduates interested in geography. ~~(Martyn and his wife this summer will journey to Spain and northern Africa to investigate towns in another section of the world. Next year's historical geographers certainly will gain more knowledge about urban agglomerations.)~~ LEAVE OUT

Since summer, Bob Kates has been extremely busy speaking before groups and serving on committees. Among other things he has spoken at a conference on strategy for regional growth at Ames, Iowa, and addressed the department of city and regional planning at MIT and the New England section of The Regional Science Association. Bob served on the faculty seminar on Land and Water Use of the League of Women Voters. He read a paper at the Central Massachusetts Section of the American Chemical Society, attended a meeting of the National Association of Science of the Committee of Alaska Earthquake of which he was chairman of the Geographical panel, and served on the program committee of the A. A. G. Columbus Meeting. Bob also served on the subcommittee on Spatial Behavior of the Committee on Areas for Economic and Social Analysis of the Social Science Regional Council.

Bob, by way of research, has finished a study on industrial flood losses damage estimates. Together with Ian Burton, he has written a book, Readings in Resource Management and Conservation, and with Rodman Snead, a study on coastal occupancy. This summer he is working on a book on water resources, journeying back to Alaska, and reading at

Boulder, Colorado, a paper on Economic and Social Implications of Weather Modifications.

This summer, Bob and his family will be camping at Arcadia National Park in Maine.

Carolyn Ryan---has been busy all year editing Economic Geography and teaching the undergraduate course in Economic Geography. After spending five years in Worcester, she decided to leave--and has taken a position as Assistant Professor of Geography at the University of Connecticut, Storrs, Conn. There she'll be teaching Economic and Urban Geography and a regional course in South America.

For Professor Raymond E. Murphy, a high point of the I.G.U. meetings last summer was a session of the Royal Scottish Geographical Society on August 1 at which he was made an honorary life member and fellow "in recognition of his contributions to urban geography". During the past year he has been busy as Director of the Graduate School of Geography. In the summer of 1965, Professor Murphy will teach in the first two weeks of an Urban Geography Institute for High School Teachers to be held at Rutgers University.

Guy H. Burnham has been a member of the faculty since 1922 serving in the capacity of cartographer and instructor of cartography. After a long and faithful career at Clark, Guy plans to retire at the end of the summer session.

The following are testimonials to Guy: one from a long time friend and colleague and the other from former students who remember Guy as a teacher, an advisor, and a friend.

Guy Burnham

Next fall the whisper that roared will not be heard anymore in the workroom. In later years the roar had been somewhat subdued, but in my mind I can still hear it. Guy Burnham is retiring. It will be strange without him. He is the last of the old guard. He was there when I first visited Clark in 1926; he was still there when I left.

Guy was the man former students remembered best. When I travelled, visiting alumni, about the first question they asked was: "How is Guy?" And he remembered all of them. If I needed some background of a former student, I had only to ask Guy. He knew everything: the present position, whom they married and how many children there were. He could tell me little details about them that I had long forgotten. He was in many ways the father of them all. His work and his love was the workroom and

the students who were there. He solved their problems: he came to me whenever a loan was necessary for one of them.

For the rest of the staff he was a great help: he was always willing to cooperate. When there was an emergency, Guy was available.

He was also an excellent teacher of cartography. He asked for a lot of work, but it was given cheerfully. The major in the thesis and dissertation gave evidence of results obtained and hundreds if not thousands of maps in "Economic Geography" were products of his cartographic ability. Whenever there were calls from outside universities and institutions for a cartographer, his recommendation carried weight and many of the present cartographers owe their start to him.

Guy had other qualities. He was an accomplished speaker, witty and interesting to listen to. His remarks in the workroom will be remembered all over the country.

He was kind and friendly: he could encourage in moments of distress. His own private life was full of tragedies but it never showed in his work at Clark.

Now Guy this fall will not come every morning at nine o'clock to start his day's work. But in his retirement he knows that he has all his former students as his friends. He will never be alone because he is remembered by so many. His was a job well done: may he have many years to enjoy the rest when his memories probably go back to the past.

Good luck to you, Guy.

Dr. Van

Alumni Remember

"Sir Guy H. Burnham"

"Memories of the "salt mines" on summer afternoons. The coolness of that remote retreat from the summer heat. The despondency created by one flick of the ruling pen, the admonition "use a razor and be careful". The discovery that the wonderful projection you had just finished was not the one the assignment sheet called for but a brand new (to you anyway) projection which Mr. Burnham immediately named after you. The finding out that there was a tremendous amount of geographic knowledge to be gained on a bridge overlooking a railroad track. Stories of the "old curmudgeon" and the naming of Mt. Burnham in the Antarctic. The difference between compound absolute and compound relative bars. The superior quality of the Wrico pen made by the Wood-Regan Industries Company of Nutley, New Jersey, versus the LeRoy of K & E. Should the key be in 175 or 200 or, maybe 240? We knew the source to seek for answers to such problems. The problem of Zipatone application---Where's the bone burnisher? Do you still have the twenty-two pages of methods of drawing projections as I do?"

"I don't know whether Guy still frowns on smoking in the workroom but a quarter of a century ago he could trace a culprit like a bloodhound. I can still recall the friendly lectures he delivered to the puffers."

"As to Mr. Burnham, it seems impossible that he should retire. Long ago, shortly after the Civil War I used to draw maps in the workroom at a small table while Mr. Burnham illustrated Economic Geography at a large table. Mr. Burnham at that time was a great admirer of Mademoiselle of Armentieres, and spoke of her charms. He also spoke of Le Chocolate Meuniere, which was a great delicacy, also a speciality from northern France.

In class, a treat for summer school students interested in the wonders of the Mercators and Bonnes, Mr. Burnham never put up a map---he hoisted a sail as any good navigator would have done in cartographic seas.

"Said to a student examining his watch during one of those long salt-mine sessions-- 'Mr. Jones, I don't mind someone looking at a watch in my class; when he shakes it, I object!'"

"But besides the classroom, Mr. Burnham will be remembered longest for the interest he took in his various charges. He not only led us along the pathway to a knowledge of the principles of cartography but he helped us along the pathway of life, always willing to hear our problems

and to share our joys, willing to overlook our minor indiscretions, and to offer sage words of advice when they were sought. Mr. Burnham is that rare sort of teacher that commanded the best from his students without having to command. He is the type of personality that automatically results in a person doing more in the course than he thought he would."

"The test of a good teacher isn't so much what his students think of him at the time as what they think of him years afterward.

Clark will be poorer in the years ahead without him but richer because he was there for over forty years."

"Yes, 'Sir Guy' is a grand gentleman."

#### Editors' Note

Due to the fact that Clark University Graduate School of Geography has not been able to enlist the services of a new cartography instructor for 1965-1966, Guy has graciously consented to help out for one more year. He will be a lecturer in cartography.

Guy H. Burnham and Mrs. Fleurette Hurtubise, Clark University switchboard operator, will be married on August 14, 1965 at St. Joseph's Church, Worcester, Massachusetts.

#### ALUMNI NEWS

Sherman R. Abrahamson (M.A. 1948; Ph.D. 1949) has been doing research for the U.S. Government in Washington and is a Professorial Lecturer in Geography at George Washington University.

Burton W. Adkinson (Ph.D. 1942) is currently the head of the Science Information Service of the National Science Foundation. He also is President of the International Federation for Documentation and a member of the advisory group on Science Information for UNESCO. His two daughters, Jane and Karen, are respectively enrolled at Duke and Grinnell.

Lewis Alexander (M.A. 1948; Ph.D. 1949) is currently a professor of geography and chairman of the department at the University of Rhode Island. The second edition of his book World Political Patterns is now being published by Rand McNally.

Agnes M. Allen (M.A. 1934; Ph.D. 1937) is the Director of the School of Natural Sciences at Arizona State College.

Esther S. Anderson (Ph.D. 1932) is National Treasurer for National League of American Penwomen, Washington, D.C. Her recent position was Consultant, National Academy of Sciences, National Research Council, Washington, D.C. She attended the Intermeeting of Delta Kappa Gamma in San Francisco. She addressed the annual meeting of Nebraska Writers' Guild in October. She also attended the American Association for the Advancement of Science in Montreal in December where she was senior member of the Board of Directors of Sigma Delta Epsilon. She plans to continue consulting work in Washington and to do research especially in urban geography and writing.

William R. Anderson (M.A. 1963) is a geography instructor at Colorado Academy in Englewood, Colorado.

Robert H. Arnold (M.A. 1964) has recently passed his Ph.D. oral examination and is currently working on his dissertation. He has accepted a position as Assistant Professor of Geography at Illinois State University, Normal, Del.

John P. Augelli (B.A. 1943) earned his Ph.D. at Harvard in 1951. He is now a Professor of Geography and is Director of the Center of Latin America Studies at the University of Kansas. Last summer he attended the International Geographers Congress in London and participated in a seminar in Guatemala. He was appointed both as the U.S. Delegate to the ICGU and to the Social Science Research Council--Joint Committee on Latin American Studies.

Eula V. Avery (M.A. 1929) has retired as an administrator of an elementary school. She is thoroughly enjoying retirement and is working on civil committees and projects.

George Beishlog (M.A. 1937) is on the faculty of Towson State College in Baltimore. He has made some contributions to the World Book Encyclopedia.

Carl and Gertrude Blonsfield (M.A. 1934-M.A. 1935) are counseling and teaching. This past summer they traveled from Cape Cod to Colorado.

Hans H. Boesch (1934-1935) is Chairman of the Department of Geography at the University of Zurich and is Secretary-General of the International Geographical Union. His most recent book, published in 1964, is A Geography of World Economy.

Kenneth A. Botterby (B.A. 1932; M.A. 1941) is a research analyst with the Department of Defense.

Adelbert K. Botts (M.A. 1931; Ph.D. 1934) is a Professor of Geography and Chairman of the Department of Social Studies of Trenton State College, Trenton, N.J.

Leonard W. Bowden (Ph.D. 1965), an Assistant Professor at the University of California, River Side, had a new daughter born Dec. 1964 (No. 3), and published a research paper on the "Diffusion of the Decision to Irrigate." As a member of the plant and vegetation panel, he gave a conference on the use of Orbiting Spacecraft in Geographic Research. Next summer he expects to participate in the activities of the Summer Institute for Geography Teachers as a Co-director.

R.J.E. Brown (Ph.D. 1961) is an associate research officer with the National Research Council of Canada. His main interest is in permafrost.

David E. Buerle (1960-1961) is with the Geography Department of the University of Rhode Island and working on his dissertation and hopes to graduate in June.

J. Herbert Burgy (Ph.D. 1930) is currently on the faculty of Salem State College and spends his summers lecturing at Eastern Michigan University.

Clara P. Campbell (1962-1963) is an instructor in Geography at Lowell State College and is working on her thesis.

Thomas W. Chamberlin (M.A. 1937; Ph.D. 1946) is Academic Dean at the University of Minnesota, Duluth.

Carolyn Steidle Clodfelter (M.A. 1961) is teaching high school in Cincinnati.

George S. Corfield (B.Ed. 1930; A.M. 1931) is chairman of the Department of Geography and Geology of Nebraska Wesleyan University.

Catherine E. Cox (M.A. 1942) is Assistant Professor of Geography at Fitchburg State College. She did work towards her Ph.D. at Syracuse in 1962. She attended the I.G.U. meeting in London this past summer and took part in two field trips, one in the Scottish Lowland and the other in the Oxford area.

Clark N. Crain is Professor and Chairman, Department of Geography, at the University of Denver. He recently traveled to Southeast Asia and is going to Europe. He is directing a large environmental research project. In 1964 the University of Denver published six technical papers in geography.

Harold F. Creveling (Ph.D. 1951) is Professor of Geography and Head of the Geography Department at East Stroudsburg State College in Pennsylvania. This past summer he and his wife attended the I.G.U. meeting in London, participated in an Oxford University field trip, and traveled extensively in western and southern Europe.

Floyd F. Cunningham (M.A. 1928; Ph.D. 1930) is Professor of Geography and Director, Laboratory of Climatology, Southern Illinois University. He is also associated with Samford, McCall, and Cunningham Benefic Press, Chicago, and published two elementary textbooks, You and the Regions Near and Far and You and the United States, in 1964. He is working on four more books.

Richard L. Day (M.A. 1950) received his Ph.D. in 1959 from the University of Illinois. He is Assistant Professor in Geography at the University of Idaho, and is working on both phosphate industry projects of Idaho and climatological projects.

J. Tait Davis (Ph.D. 1960) is Associate Professor and Acting Chairman of the Department of Geography and Regional Science at George Washington University. He and his wife welcomed a second daughter, Patricia Lynn, June 16, 1964. Recent articles include "Middle Class Housing in American Cities" and "Factor Analysis of Socio-economic Characteristics of Central City Populations."

Veva K. Dean (M.A. 1956; Ph.D. 1949) is Professor of Geography at Fitchburg State College and is busy writing a book.

Sigismond de R. Diettrich (Ph.D. 1931) is chairman of the Department of Social Sciences at the Inter-American University of Puerto Rico. In recent years he has traveled throughout Europe. He hopes for an administrative post at I.A.U.



Aubrey Diem (M.A. 1956) is Associate Professor of Geography at the University of Waterloo, Waterloo, Ontario. He has been awarded \$5,000 from the Foreign Area Fellowship to do research on Urban Development of Selected Western European Cities.

William R. Dubek (M.A. 1950) is Oceanographer, U.S. Navy.

John R. Dunble (Ph.D. 1955) is Associate Professor of Geography and Physical Science at the University of Florida.

Sidney E. Ekblaw (Ph.D. 1934) is chairman of the Department of Geology and Geography at the University of Missouri in Kansas City. His son, Keith, was married in the summer of 1964, and his daughter, Linda, is a hostess with T.W.A.

Francis Elliott (Ph.D. 1952) is Consultant Oceanographer, General Electric Company.

Bart J. Epstein (Ph.D. 1956) is Manager of the Real Estate Department, B.F. Goodrich Co., Akron, Ohio. Currently he is doing research and writing in urban geography.

Mrs. Wilma Belden Fairchild (M.A. 1937) is editor of the Geographical Review. Last April she received the A.A.G. Meritorious Contribution award and during the summer attended the International Geographical Congress.

María B. Mase Fernandez (M.A. 1955) is Visiting Professor at Escuela de Geografía, Universidad Central de Venezuela, Caracas. Hopes to return to U.S.A. for Ph.D.

C.N. Forward (Ph.D. 1958) is Associate Professor of Geography at the University of Victoria, Victoria, B.C., Canada. His "Land Use Study of the Victoria Region, B.C." is to be published next spring.

Edwin J. Foscue (Ph.D. 1931) is chairman of the Department of Geography at Southern Methodist University.

Alfonso J. Freill (Ph.D. 1961) is Full Professor at Escuela de Geografía, Universidad de Venezuela.

Roland Fuchs (Ph.D. 1959) is Associate Professor and Chairman of the Department of Geography at the University of Hawaii. He has several articles being published and is engaged in some research in urban and economic geography of Hawaii. His future plans are to develop a strong department and Ph.D. program at Hawaii.

Woodford Carrigus (Ph.D. 1958) is an Assistant Professor of Geography at the University of Victoria.

Peter G. Goheen (M.A. 1964) is a student at the University of Chicago working toward his Ph.D. in Geography.

Loren N. Gould (M.A. 1959) is an instructor at Worcester State College.

Howard L. Green (Ph.D. 1952) is Distribution Planning Manager for Ford Motor Co.

Archie Greenberg (M.A. 1943) operates the Bancroft Hotel, Miami Beach.

Donald W. Griffin (Ph.D. 1963) is an Assistant Professor of Geography at U.C.L.A.

Charles W. Hardy, Jr. (1963-1964) is preparing for his M.A. exams and thesis and is presently unemployed. He eventually plans to teach geography in secondary school.

Joseph B. Hoyt (Ph.D. 1954) is Professor of Geography and Chairman of the Social Science Dept. at Southern Connecticut State College. He is now working on the historical geography of Massachusetts.

Frederick Hung (1951-1952) is Visiting Professor of Geography, Yale University. His permanent position is Professor and Head of the Department of Geography at United College, Winnipeg, Canada. He has written a number of articles on Asia for the Encyclopedia International and book reviews for the Professional Geographer, Geographical Journal, and the Geographical Review.

Nancy Huntington Hudson (M.A. 1935, Columbia Univ.) is editor of the Rubber Handbook for R.T. Vanderbilt Co., Inc., New York, N.Y.

Sister Mary Ursula Hauk, R.S.M. (Ph.D. 1958) is chairman of the Department of Social Sciences at Mount Aloysius Junior College, Cresson, Pennsylvania. She is also coordinating editor and senior author of a five-book series of elementary geography textbooks.

Gilbert J. Hunter (M.A. 1959, 1962-1964) is Assistant Professor of Geography at State College, Kutztown, Pennsylvania. After two years as Senior Planner for the City of Worcester and potential candidate for the doctorate, he returned to college teaching in Kutztown in August. He authored the sections on recreation and commerce in the recently published Master Plan for Worcester.

M. Aminul Islam (Ph.D. 1964) instructor at the University of Dacca, attended the International Symposium on Problems of Humid Tropical Zone Deltas in Dacca and the UNESCO Oceanographic Training Program in Karachi. In addition, he has had several articles published in Pakistani publications. He is currently writing a Climatology Textbook in Bengali for undergraduate students.

Albert J. Jackman (M.A. 1947-1949; Ph.D. 1953) assumed his present position as acting chairman of the Department of Geography and Geology Western Michigan University, Kalamazoo, in September, 1964. His future plans include several articles on military geography, a photo-interpretation study, and in the distance a book.

Preston E. James (Ph.D. 1923) is Maxwell Professor of Geography and Chairman of the Department of Geography at Syracuse University. He has published two books, Introduction to Latin America and One World Divided, and attended the International Geographical Congress, London, and a Symposium on Political Geography in Sheffield.

J. Granville Jensen (Ph.D. 1946) is a Professor at Oregon State University.

Mrs. Norman L. Jissiman, the former Jessie M. Thornton (M.A. 1941), lives in Concord, New Hampshire.

Katherine C. Johnson is a retired New York City school teacher.

Lane J. Johnson (M.A. 1954; Ph.D. 1960) is an Assistant Professor at Wayne State University and is continuing his research on central places.

Lois R. Keller (M.A. 1929) is retired.

Edward S. Kersch (M.A. '58) received an M.A. in Urban Planning at Wayne State University in June 1962. Edward is at present senior city planner at the Detroit City Plan Commission.

Dr. Harry B. Kircher (Ph.D. '61), after working at the Federal Reserve Bank, is now associate professor of social science at Southern Illinois University in Edwardsville, Illinois. At the West Lakes Meeting of the A.A.G. in Columbia, Missouri (November, 1964), he presented a paper on "Use and Potentials of Electric Power Data for Geographers."

Miss Ester L. Kistler received her M.A. at Clark in 1938. Miss Kistler has now retired from her activities as a school teacher.

Clarence E. Koeppel (Ph.D. 1929) is presently retired. He is Junior Vice-Commander-in-Chief, the Military Order of the World Wars. His daughter Mary has two sons and his son Richard, a geography major, is a jet pilot in the U.S. Marine Corps. He traveled through Europe from Scotland to Greece in 1964. His future plans are to travel and to write for the World Wars Officer Review.

Mrs. Mary L. (MacDonald) Kramer (M.A. '41) teaches English at the McReynolds High School District. Married since November, 1956, Mary and her husband have travelled widely over the U.S.

Klaus E. Kroner (1962-64) is now assistant professor at the University of Massachusetts. He and Dr. Rodman E. Snead are engaged in research activities in Iceland. Klaus is anxious to teach geography.

George Langdon (Ph.D. '51), professor of geography at Westchester (Pa.) State College, has written "Exploring Earth Environments--A World Geography." George is still continuing his research on educational filmstrips. His future plans are to visit Europe and Puerto Rico.

Han Soon Lee (attended 1956), associate professor of the Department of Geography at Kyunghee University at Seoul, Korea, is currently writing a high school geography textbook. His future plans include a survey of the government reclamation planning.

Minnie E. Lemaire (Ph.D. '35) is chairman of the Department of Geology and Geography at Mount Holyoke College in South Hadley, Massachusetts.

Louis E. Leipold (M.A. '46) is currently at the office of the director of the Coast and Geodetic Survey on the Scientific and Technical Publications staff. Louis is working on the March 27, 1964, Alaskan earthquake study, prepared by the Survey.

Robert E. Lingner (A.B. '54) in 1956 received his M.A. from the University of Maine. A candidate for the Ph.D. at Clark, he is Associate Professor of Geography at East Stroudsburg (Pa.) State College.

Urban J. Linehan (M.A. '46, Ph.D. '55) has established his residence at 3605 Greenly Street, Silver Spring, Maryland.

Dana A. Little (M.A. '51) is at present the director of the Division of Research and Planning of the Maine Department of Economic Development. He also attended Clark in 1955-56.

Trevor Lloyd, who obtained his Ph.D. (1938-40) at Clark, as well as a DSc (1949) from Bristol, and a M.A. (1944, Hon.C.) from Dartmouth, is the chairman and a professor at the Department of Geography of McGill University. He attended the URSS Geographical Congress and was the guest of the Polish Academy of Sciences during the same month. Dr. Lloyd did field work in Arctic Scandinavia in April of 1964 and in May of the same year. His research activities comprise a study of the development of Arctic Scandinavia and the writing of school textbooks and articles.

Harriet Ruth Long (M.A. '41, Ph.D. '55) is at present the Director of the Liberal Arts Program and the head of the Geography Department in Edinboro, Pennsylvania. Harriet toured the Soviet Union during the summer of 1964. She also plans to visit Southeast Asia.

George and Gloria MacGillivray (M.A. 1951) attended the I.G.U. meeting in London and the I.C.A. meeting in Edinburgh last summer.

Emanuel Maier (1954-1956, Ph.D. 1961) is Chairman of the Earth Sciences Dept., State College at Bridgewater. His son, Barney, is attending his second year at Middlebury College, Vermont. Future plans include travel in Europe.

Neva McDavitt (A.M. 1929) has retired from Illinois State University and continues to live in Normal, Illinois.

Mrs. Robert P. McIntosh (B.Ed 1930-1931) is a housewife.

Wallace E. McIntyre (M.A. 1947; Ph.D. 1951) works for the United States Government. His son, Bill, is a freshman at Miami University, Oxford, Ohio.

Andrew S. Moreland (M.A. 1951) received his Doctorate Degree in Education from Rutgers University, New Brunswick, N.J. in 1964. He was recently appointed President of Ocean County College, New Jersey's first two-year college. His research work includes a dissertation, "Data Processing in School Districts Enrolling Less than 6000 Pupils," and a monograph entitled "Design for Action--a Proposed Guide for the Development of a Two Year College Program."

Dr. Benjamin Moulton (A.B. 1939) is Chairman of the Department of Geography at Indiana State College, Terra Haute.

George N. Nasse (A.B. '53), received his Ph.D. in 1960 from the University of Michigan, where he is now an assistant professor. In September he will be teaching in Fresno, California.

Robert F. Perry Jr. (Ph.D. 1957) is a Professor of Geography at Worcester State College, Worcester, Mass.

Dr. Louis O. Quam (Ph.D. 1938) is a Director, Earth Science Division of the Office of Naval Research.

Azra I. Rahmankhan (Ph.D. '53) is the principal at the S.K. Rahim English School in Hyderabad. Azra's research activities comprise an extensive study of the rainfall variation of Lahore during the 1862-1962 period.

Yvonne Rebeyrol (1952-1953) is journalist of the Parisian newspaper, "Le Monde." She recently travelled to the Middle East on vacation.

John W. Reith (M.A. 1941; Ph.D. 1949, Northwestern Univ.) is Associate Professor of Geography at the University of Southern California. He did reconnaissance field work in Northern Mexico in Summer, 1964. His article, "The Impact of Population Pressure on Fuel Supply," was published in the Report of the 30th Annual Conference, California Conservation Conference, Pasadena. Last June he read a paper, "Environmentalism" before the annual meeting of the Association of Pacific Coast Geographers, Berkeley, California.

Lewis T. Reinwald (M.A. 1949) is an operation analyst at the Research Analysis Corporation, McLean, Virginia. His daughter, Heather Fern, was born in August, 1963. He is writing a computer program to compile decision tables.

Dr. Walter W. Ristow (Ph.D. 1937) works for the Map Division of the Library of Congress.

Carl W. Roos (summer 1939-1941) received his M.A. from Boston Univ. in 1958. He is a geographer for the U.S. Army, Natick Laboratories, Natick, Mass, and is supervising contractual studies on the worldwide geographical distribution of insects of medical importance.

Mary Alice Roper (M.A. 1944) is a fifth grade teacher at Beverly, Mass. She plans to retire in June, 1966.

Robert W. Rucker (M.A. 1927-1928) was retired last June from Bridgewater State College.

Edward D. Russell (A.B. 1921; M.A. 1922)

Francis J. Schadegg (M.A. 1937) is Chairman of the Dept. of Geography and Geology at Eastern Washington State College. He has done summer field work in water resource management in western U.S. and Canada.

Gordon B. Schilz (Ph.D. 1948) is Head of the Geography Department at the University of Omaha. A prospective publication is "The Horn of Africa."

J.R. Schwendeman (M.A. 1927; Ph.D. 1941), chairman of the Department of Geography at the University of Kentucky, carries on micro-temperature surveys of Kentucky peach orchards. He published two articles on cold wave patterns: in Kentucky Academy of Science and South-eastern Geographer. The third edition of Geography of Kentucky will be published by the Harlow Publishing Company. In progress is a text on human geography to be published by Van Nostrand.

Earl B. Shaw (Ph.D. 1953) is a Professor of Geography at Assumption College, Worcester, Mass. His latest work, Fundamentals of Geography, a college textbook, was published in 1965 by John Wiley and Sons. Earl is continuing research, teaching, and travel.

Harry A. Sickler (M.A. 1960) is presently chief of planning for the gov't of Guam. His daughter, Amy Ruth, was born Feb., 1964. In 1967 he will return to a planning position in the States.

Robert B. Simpson (M.A. 1933, Ph.D. 1941) is a principal scientist in Raytheon Company, Autometric Facility, Alexandria, Virginia. He is happy to know that Mr. Burnham is being honored.

Dr. Victor W. Sim (M.A. 1957) received his Ph.D. from McGill in 1962, and is Assistant Professor in the Department of Geography at the Univ. of Western Ontario. He wrote a number of articles on "The Physical Geography of the Canadian Arctic" published in the past year.

Myron E. Starbird (M.A. 1949) is Professor of Geography at Farmington State Teachers' College, Farmington, Maine. He is presently completing an article on Maine for the Book of Knowledge.

Robert G. Stone (1931-1933) is Chief of the Scientific Information and Publications Division, Headquarter Air Weather Service.

Vincent J. Talarico, Jr., (M.A. coursework 1962-1963) teaches Economic Geography in Brewster Central School in New York. Donna Christine Talarico was born Sept. 2, 1964. This summer Vinnie plans to study at the Univ. of Florida.

Dr. John L. Taylor (M.A. 1940; Ph.D. 1953) is at present a consultant on Territorial Affairs with the House of Representatives in Washington. During 1964, Dr. Taylor traveled in Hawaii, Guam, the Trust Territory of the Pacific, Antarctica, New Zealand, American Samoa, the Mediterranean, and Western Europe.

R. Paul Terrell (Ph.D. 1949) still lives in Kentucky. Since September, 1950, he has been a Professor of Geography and Head of the Dept. of Geography and Geology at Western Kentucky State College, Bowling Green.

Ray W. Tobey (M.A. 1953) is now retired, and keeping busy with home activities and hobbies in Fairfield, Maine.

Joseph A. Tosi, Jr. (Ph.D. 1959) of San Jose, Costa Rica, is a resident staff member of the Central American Field Program and a research associate of Tropical Science Center. He is about to terminate two years of field research on Venezuelan life zone ecology. Dr. Tosi also has a similar project underway in Costa Rica.

Grady O. Tucker (Ph.D. 1957-1959) is now located in Rockville, Maryland, employed as a real estate consultant with Larry Smith & Co.

Mazie O. Tyson (M.A. Ohio State) who has studied at Clark during summer sessions is an associate professor. She is now continuing further studies at Syracuse University.

James E. Vance, Jr. (Ph.D. 1952) is an Associate Professor at the Univ. of California, Berkeley. He attended the London I.G.U. meetings last summer.

Eugene Van Cleef (Ph.D. 1925-1926), Professor Emeritus at Ohio State University, kept quite busy in 1964 with travels and publications. He visited Sicily, Italy, and parts of Central Europe during March and April. His publications in 1964 included:

- 1) "The Key to Successful Investing Abroad," Banking, Vol. LVL, No. 8 (Feb.), pp. 54-55.
- 2) "Midwest's Isolation is Largely a Myth Today," Export Trade, Mar. 2.
- 3) "States and Cities Compete for Industrial Supremacy," The Commercial and Financial Chronicle, Vol. 149, No. 6374 (June 4).
- 4) "The States of Israel--and a Look Ahead," The Middle East Journal, Vol. 18, No. 3 (summer).
- 5) "Principles of Physical Geography, J.L. Guernsey and A.J. Dorr, edited by Van Cleef. A paperback published by Barron's Educational Series, Inc. (Mar.)

Wouter Van de Bunt (attended Clark 1951-1952, and received Ph.D. 1951 from Netherlands School of Economics) lives in Centerport, New York, and is manager of Market Research for American Airlines, Inc. Before joining the American Airlines General Headquarters in New York City in June, 1964, he made a trip around the world, visiting such places as Japan, Scandinavia, the Netherlands, and Bermuda.

Dr. W. Van Royan (Ph.D. 1926-1928) remains professor and head of the Dept. of Geography at the Univ. of Maryland. He is also Vice-chairman of the Scientific Advisory Panel to the Secretary of the Army. The fifth edition of Dr. Van Royan's Fundamentals of Economic Geography was published July, 1964. Dr. Van Royan attended the 44th International Geographical Congress as Delegate of the U.S., as Representative of the State of Maryland, and as Representative of the Secretary of the Army. While still in Europe during the summer of 1964, Dr. Van Royan also visited Army installations in London and Frankfurt. He also traveled in Scotland, England, Germany, Belgium, France, and the Netherlands. Included in Dr. Van Royan's future plans is work on a report for the U.S. Department of Commerce, ARA.

J. E. VanTuyt, who studied at Clark 1954-1955, is now located in Arlington, Virginia.

Charles B. Varney (M.A. 1953; Ph.D. 1963) is presently a professor in the Dept. of Geography and Geology at Wisconsin State University, Whitewater. Dr. Varney is continuing research on the upper Gulf Coast of peninsula Florida. For four weeks during the summer of 1964, he conducted an Urban Studies Field Course covering Pittsburgh, Washington, Philadelphia, New York, Boston, and Detroit. For four weeks during the summer of 1965, he will conduct a Caribbean Area Field Course.

- Paul P. Vouras (M.A. Clark; Ph.D. Ohio State, 1956) is an Associate Professor at Paterson State College in Wayne, New Jersey.
- Lillian H. Wallace (M.A. 1941) is retired from Westfield State College, Westfield, Massachusetts.
- Katheryne Thomas Whittlemore (M.A. 1925; Ph.D. 1936) is Professor Emeritus at State University College, Buffalo, New York, and is serving as Historian for the National Council for Geographic Education.
- Bernt Lloyd Wills (1942-1943) is Professor and Chairman of the Department of Geography, University of North Dakota.
- A. J. Wraight (Ph.D. 1951) is Chief Geographer, U.S. Coast and Geodetic Survey. He has written articles on geography and exploration for Britannica and is continuing to prepare a book, under contract, in physical geography.
- Marion I. Wright (M.A. 1946) is a Professor of Geography at Rhode Island College, Providence, R.I. She was promoted to professor in July, 1964.
- Rafael Picó (M.A. 1934, Ph.D. 1938) has been elected Senator at Large in the Puerto Rican Legislature. He has resigned as President of the Government Development Bank for Puerto Rico. Rafael has been designated Chairman of the Finance Committee of the Banco Popular de Puerto Rico. His duties will include advising the President and other high officials on financial matters and to promote the best business relations with United States and Latin America.
- Harvey P. Milstead (Ph.D. 1933) is a visiting Professor in the Department of Geography at Arizona State University, Tempe, Arizona.
- Reed F. Stewart (M.A., 1963) will be an Education Officer at Kenyatta Teachers Training College, Nairobi, Kenya. He is resigning as Executive Secretary, Unit of Field Study, Episcopal Church's Executive Council. Reed has travelled through much of the United States, Nicaragua, and Saskatchewan. His future plans are to get to know East Africa even better than he knows West Africa.

## O N S A L E

THE GUY H. BURNHAM INDEX, a listing of all theses and dissertations in geography conferred by Clark University through June, 1964, is now on sale for 50¢. This handy booklet gives names and addresses and can be very useful to you. Clip the following and send to:

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THE GRADUATE SCHOOL OF GEOGRAPHY 1965-1966

First row: left to right: Martyn Bowden, Guy Burnham, Dr. Raymond Murphy, Dr. Rodman Snead, Dr. Carolyn Ryan. Second row: Chatchai Pongproyoon, Suk-han Shin, Susan Sprague, Mary Ann Kropotkin, Henry McCutcheon, Shyam Sharma, Jesse Pendleton, James Linehan; Third row: George Priddle, R. Ramachandran, Peter Sakalowsky, Jr., Sabine Vantroys, Larissa Hanuszcak, Helena Ureta, Bobbie Newman, John Allen, Dr. Henry Warman. Fourth row: Merlin Lawson, George Downey, Nora Gildemeister, Jerry Hall, Tom Gledhill, Ali Pourabbas, Susumu Takeuchi, Robert Weimer. Fifth row: Bruce Larose, Duane Bauman, Pete Buckingham, William Wessel, Robert Adams, Richard Hecock. Sixth row: David Arey, Nathan Meleen, and Bryan Thompson.

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#### In The Workroom

Robert Adams has completed his course work in the M.A. program. His major is Resource Management and he will be working on his thesis in this field. He will return in September for his Ph.D. residency.

John L. Allen (University of Wyoming), a refuge from Political Science, is working towards a Ph.D. His interests lie in Cultural-Historical and Urban Geography. He is especially interested in the geography of perception and plans to gear his dissertation along those lines. He will return in September to complete course work, language requirement, and preliminary examination. He hopes eventually to teach at the college and graduate school level. He is married to Anne E. Allen who teaches in the elementary grades of the Worcester School System.

David Arey has completed his degree requirements. He will continue working on his Ph.D. courses, language, and preliminary examination.

Duane Bauman is working on his dissertation in the field of Resources. He taught several courses at the University of Rhode Island this past year and will teach at Illinois State University, Normal, Ill., during the coming year.

H.P. (Pete) Buckingham is working toward an M.A. degree. He plans to teach with his wife Mary Ann at the Shepherd Knapp School in Boylston. Pete and Mary Ann are anxiously awaiting the arrival of the stork.

George Downey has completed his Ph.D. residency. He will be going to Rutgers University with Dr. Murphy for several weeks this summer. He plans to return in September for further course work, language, and preliminary examinations.

Farouk El Gammal (Egypt) is completing his Ph.D. dissertation.

Nora A. Gildemeister (University of Geneva) is from Lima, Peru. She is working toward her M.A. degree. She will be taking cartography this summer.

Tom Gledhill, a Massachusetts native transplanted in Rhode Island, is completing his M.A. residency. Next year he will return to the workroom to complete his M.A. requirements and eventually begin his Ph.D. course work.

Jerry Hall (University of Buffalo) of Niagara Falls, Ontario, is currently completing residence requirements for a Ph.D. Following a summer with Canada Customs, Jerry hopes to return to Clark as a Research Fellow.

Larissa M. Hanuszczak (Hunter College of the University of the City of New York) taught social studies in New York Junior High School for one year before entering the M.A. program at Clark. She will take cartography this summer and her orals in the fall. Her future plans are to continue her teaching career at the secondary level.

Dick Hecock hopes to finish his dissertation this summer. In the fall he will join the staff at Eastern Michigan University in Ypsilanti.

Frank Hodges is completing his M.A. degree requirements.

Elizabeth Johnson is working towards her M.A. degree. She will be taking cartography this summer. Betty will return in September to complete her degree requirements. She has traveled widely and has taught school in Japan and Spain in the Armed Services Program.

Mary Ann Kropotkin (Fitchburg State College) will be teaching in the fall at Narragansett Regional High School and also working on the M.A. thesis. In June she will become Mrs. Ronald LeBlanc.

Bruce L. LaRose (Holy Cross College) is working towards his M.A. His interests are in Cultural-Historical and Urban Geography. He will return in September to complete his M.A. program. He plans to marry in April. He will be joining Uncle Sam's finest as an officer in the Navy in June, 1966.

Merlin Lawson (University of Buffalo) has completed his M.A. program. He plans to continue for the Ph.D.

Henry McCutcheon (McMaster University) is a resource management major working on his M.A. He will spend the summer working for the Saskatchewan Department of Natural Resources and plans to return to Clark for his Ph.D. residence.

Nathan Meleen has completed his Ph.D. courses. His major interests lie in physical geography in which he will be writing his dissertation.

Barrett Morgan (Yale University) has completed his course work in the M.A. program. He will be writing his thesis in the field of economic geography.

Salvatore Natoli is completing his dissertation in urban geography. He also taught several geography courses in the Evening College. He hopes to complete his degree requirements this coming year.

Bobbie Newman has completed her M.A. requirements. Her major is urban geography. She will be teaching in Mississippi in the fall.

Jesse L.S. Pendleton is working toward his Ph.D. degree. His major is urban geography.

Chatchai Pongproyoon is from Thailand. He has completed his course work in the M.A. program. His major is urban geography and he will be writing his thesis in this field. He will eventually return to Thailand where he will teach.

Ali A. Pourabbas (University of Teheran) worked in the education office and attended Teachers Training College in Iran before coming to Clark for his M.A. He plans to major in physical geography for his M.A. and in Resource Management for his Ph.D.

During the academic year 1964-65, George Priddle successfully completed his language requirement and preliminary exam. This summer he will again be working for the Ontario Department of Lands and Forests in Algonquin Park as a Park Naturalist. In September he will take up residence in Waterloo, Ontario, where he will be on the faculty at Waterloo Lutheran University. As well as teaching courses in resources and economic geography he will be working on his dissertation.

R. Ramachandran is from India and is completing his course requirements for a Ph.D. degree. He came to the United States under a Smith-Mundt Fulbright Scholarship. He left his wife and two daughters in India and is eager to return home.

Roger Roberge is continuing his Ph.D. program.

Peter Sakalowsky, Jr. (Worcester State College), has completed course work in the M.A. program. He will be taking cartography during the summer. He plans to return in September and finish his thesis and possibly continue in the Ph.D. program.

Shyam Sundar Sharma (M.A. from Banaras Hindu University, Varanasi, India) is attending his fourth year at Clark as a Research Fellow. Besides writing his dissertation, he works at the Planning Department of Worcester. He has also published two articles: "Tea Culture in Assam" and "Historical Aspects of Tea Culture in India."

Suk-han Shin (Korea) is working towards his M.A. degree. He hopes to finish his M.A. requirements and continue towards a Ph.D. He taught at the University of Seoul before coming to the United States. He left his wife and two children at home and hopes to return soon.

Susan Sprague (Salem State College) has completed course work in the M.A. program. This summer she will be working in the "salt mine". She is interested in urban and cultural-historical geography and her thesis will be along historical-urban lines. She plans to teach in junior high school.

Susumu Takeuchi is from Tokyo, Japan, and is working towards his M.A. Besides being a geographer, he is an adept artist and photographer. Since coming to the U.S., he has had opportunity to travel. He is spending

part of the summer in Texas and Mexico helping a graduate student in biology to collect specimens. He will continue his degree program in September.

Charles Teller has completed his course work in the M.A. program. His major is Resource Management. He will be writing his thesis in this field.

Bryan Thompson is continuing his Ph.D. program.

Helena Ureta is from Uruguay. She did her undergraduate work in Canada before coming to Clark.

Sabine Vantroys is from Paris, France. She is working toward her M.A. degree. She plans to return in September to complete her M.A. program.

William S. Wassel (Bridgewater State College) has completed his course work for the M.A. program. He plans to write his thesis in cultural geography. Next year he will teach science and geography at the secondary level and also coach football and possibly baseball. Eventually he plans to move up to teaching at the college level.

Robert S. Weiner; has completed his Ph.D. course work. His plans for next year include the prelims, some work on the dissertation, and perhaps some part-time teaching at Briarcliff College.

#### GUEST LECTURERS

On October 30, Professor H. C. Darby, Head of the Geography Department, University College, London, gave lectures on "Geography and History" and "The English Landscape Garden."

Gerald Manners, College of Swansea, University of Wales, visited the Graduate School on March 8 and 9 and presented two lectures on "Some Observations on the Economics of Alternative Forms of Urban Growth" and "The Changing Location of Secondary Energy Production in Britain."

On April 29 and 30, Professor Hans Boesch of the University of Zurich presented three illustrated lectures on "Changes in Animal Husbandry in the Alps", "Mineral Production in Minas Gerais", and "Landforms of Nepal."

In May, Professor John K. Wright presided over a seminar "On Medievalism and Watersheds in the History of American Geography."



Degrees Conferred, June, 1965

Master of Arts:

- Syed Shamimuddin Ahmad: "Aerial Variations in Flood Control Expenditures and Damages"
- David Gordon Arey: "Industrial Water Use in New England"
- George Thomas Downey: "Terrain Analysis in New England"
- Bobbie Gupton Newman: "Bus Patterns in Worcester"
- Doris Jones Peontak: "Spatial Patterns of Ethnic Groups in Fitchburg, Massachusetts, Determined by Surnames"
- Roger Adrian Roberge: "Three-Decker Houses, with Particular Reference to Worcester"
- Bryan Thompson: "Regional Retail Expansion and Urban Retail Structure, The Supermarket Sector"

Doctor of Philosophy:

- Simon Baker: "Land Use Along a Tropical Climatic Boundary: The Walawe Ganga Basin of Ceylon"
- ✓ Leonard Walter Bowden: "Pump Irrigation in the Colorado High Plain"
- David Elmore Buerle: "Some Measurements of Boston and New York City Social Influence on Their Common Hinterland"
- ✓ Richard Joseph Kopec: "Temperature Anomalies Around the Great Lakes"
- Paul John Mika: "A Comparative Study of the Central Business Districts of Three British Cities"