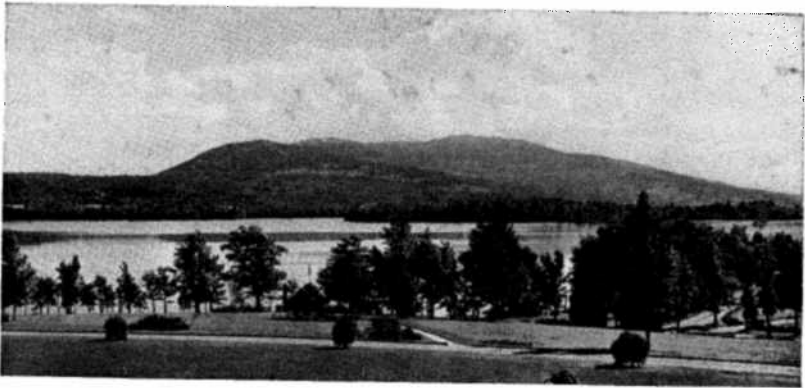


THE MONADNOCK

of the

CLARK UNIVERSITY

GEOGRAPHICAL SOCIETY



"What we need more perhaps is an ethnic and aesthetic under which man, practicing the qualities of prudence and moderation, may indeed pass on to posterity a good Earth."—CARL SAUER

VOLUME XXXI, No. 1

DECEMBER, 1956.

THE MONADNOCK

VOLUME XXXI NO. 1

DECEMBER, 1956

HOLIDAY GREETINGS FROM DR. VAN

Yearly I write a short statement expressing the best wishes of the staff and myself for the Christmas season and the coming New Year. This year I want to add a special plea. Geography at present is in the fortunate position that it faces a booming market with many opportunities for good positions. This boom in geography may continue for some time. Try to get your best students interested in a career in Geography. Let me add that, although we limit our enrollment, there will be always a place for your top men and women at our Graduate School.

S. VAN VALKENBURG

STAFF, WORKROOM, "OLD GUARD", WELCOME NEW STUDENTS TO CLARK FAMILY

Each September the Workroom takes on a new atmosphere. With the coming of the new semester a new complement of hopefuls join the ranks of the "old guard" who have returned after spending the summer at various types of work or in research. It is a time for reminiscing and of anticipation, especially for the second year students. Gone are the familiar faces that greeted them daily, but in their places are those who are eager to take a place in the Graduate School of Geography.

Welcoming the newcomers is the New England delegation of Richard Alberg, Rebecca Brockelbank, Pauline Riordan, Richard Lockhart, John Sherman, and naturally Mr. Burnham who is the most popular person at this time trying to make everybody happy with a good desk. Twenty-five new arrivals have swelled the ranks of the Workroom inhabitants and have overflowed into the Libbey Library. Assisting in the welcoming committee were Loren Gould, Salvatore Natoli, Sister Mary Ursula, William Tyson, Monir Girgis, Halim Khan, Mesfin Wolde-Mariam, Klaudia Markus, and Gilbert Hunter.

It is with pride and pleasure that we introduce:

ROGER J. E. BROWN (B.A. 1952, M.A. 1954, University of Toronto). Roger is from Ottawa and is on leave from the Permafrost Section, Division of Building Research, National Research Council, Ottawa, Canada and hopes to return there after completing his Ph.D. residence at Clark and research at the Scott Polar Research Institute, Cambridge, England. Roger and his wife have set up temporary quarters in Worcester.

BROOKE CORNWALL (B.A. 1949, M.A. 1952, University of British Columbia) Brooke is the other half of the Canadian branch of the Work-

room and he comes to us from Ottawa with his wife and two children. He is attending Clark for his Ph.D. residence, and is on leave from the Canadian Government in the Geographical Branch of the Department of Mines and Technical Surveys.

NIDIA AVILA (Professor de Geografía e Historia, University of Panama, 1955). Nidia is a former high school teacher from Panama. Her first impressions of the United States were gained from travel in Texas when she entered this country. Nidia is interested in land use studies and would like to do a regional study of Pacora, Panama as an M.A. thesis.

Asia has contributed seven students to the Workroom roster:

ELISABETH C. HUKA (B.I., Djakarta Teachers College, Djakarta, Indonesia). Lis worked as a geographer's assistant at the Geographical Institute in Djakarta before coming to Clark. She expects to continue research at the Institute when she returns to Indonesia after completing her M.A. work.

MAARTINI KARNO (B.I., Djakarta Teachers College) Maartini was also employed as a geographer's assistant at the Geographical Institute and she also plans further work and research at the Institute upon completing her M.A. work.

ZAINI NADIRSJAH (Degree Candidate, Jogjakarta University, 1956) Dir, an M.A. candidate from Sumatra is interested in a teaching career. He spent the summer at the University of Kansas in the Foreign Student's orientation course.

RAJNIKORN KUNAWAT (B.A. Chulalongkorn University, Thailand, 1953, Dipl. in Ed., 1954, Dipl. in Library Science, 1956). Rajnikorn spent the summer in the cool cartog-

raphy laboratory and is now an M.A. candidate. She was formerly employed at Chulalongkorn University and would like to return to Thailand and teach geography after she gets her degree.

HAN SOON REE (B.A. 1950, Seoul University, Korea) Mr. Ree taught at Kyongpook University before coming to Clark. His major interests are in surveying and writing. A native of Taegu, Korea, his emphasis will be in cultural geography.

I MADE SANDY (B. I. Bandung Teachers College, Indonesia) Sandy, whose home is in Bali, brings with him the memories of that beautiful island. He was employed in topographic map work with the Army Geographical Institute in Djakarta before enrolling as an M.A. candidate at Clark.

KANIZ F. YUSUF (B.A., M.A., University of the Punjab, Lahore, West Pakistan) Miss Yusuf was a lecturer in geography in the Lahore College for Women before enrolling at Clark for her Ph.D. residence. During the past summer she travelled extensively through West Pakistan.

Eight states are represented among the United States' students who are entering Clark for the first time. Five other students, four from Massachusetts and one from Colorado have either completed their undergraduate work at Clark or did graduate work here.

CECIL BENCH (B.S. 1955, Southwest Missouri State College) Cecil's home is in Springfield, Missouri. He was employed by the St. Louis and San Francisco Railway Company in Amory, Mississippi before beginning his M.A. work at Clark this year. Cecil would like to teach, possibly on the college level.

GEORGE CORINALDI (B.S., New York University, 1953) George's home is in Jamaica, Long Island. He returned recently from Ethiopia

where he was employed by the Ethiopian Ministry of Education as a teacher. While in Europe, he was married to a Parisian. He is an M.A. candidate and would like to do research in climatology.

WADE CURRIER (A.B., 1950, M.A., 1955, George Washington University) Wade is continuing George Washington University's representation at Clark this year. His major geographical interests are in Arctic studies; non-geographical interests are chiefly musical. He was formerly employed at the U. S. Aeronautical Chart and Information Center.

MARCIA DAVIDSON (A.B., 1956, Mt. Holyoke College) Marcia spent the first part of the summer traveling through Southeastern United States. After receiving her M.A., she would like to teach. She lives just across the river from New York City in Hillsdale, New Jersey.

DAVID H. DUBIEL (A.B., University of Kentucky, 1956) Dave is a Tarheel from Lexington, North Carolina. Aside from the wealth of geographical information he possesses, he is the Workroom authority on sports. He saw Panama with the U. S. Army and would like to continue travelling with the U. S. Foreign Service after getting his M.A.

JON A. GLASGOW (B.A., 1956, Miami University, Oxford, Ohio) A native Pennsylvanian who spent most of his life in Ohio, Jon calls South Vienna (near Springfield, Ohio) his home. He would like to teach or continue graduate work after completing his M.A. work.

MARILYN A. HAYDEN (B.S. in Ed. 1956, Bridgewater Teachers College) Lynn enjoyed the summer taking cartography. She hails from Methuen, Massachusetts and likes photography and travel. Her first goal is to complete her M.A.

(Continued on page 12)

CURRENT EVENTS

Mr. and Mrs. Robert Sullivan have proudly announced the arrival of their first child, Stephen Paul, born October 10, 1956. Bob is a Workroom inhabitant and was called from field camp to be present for the "blessed event". Both mother and son are doing fine as well as the father.

Mr. and Mrs. Myron E. Brockelbank of Georgetown, Mass. have announced the engagement of their daughter, Rebecca, to Mr. Richard Alberg. Becky and Dick will exchange "I do's" early in the spring.

Graduate School of Geography students and their wives were the guests of Dr. and Mrs. Van Valkenburg at a tea in their home on Sunday afternoon, November 11. Always one of the outstanding social events of the season, the occasion was marred by the absence of a special "foreign delicacy". It is understood that the students will not be denied the pleasure of this "special treat", as Dr. Van promised to serve "it" as soon as "it" arrives.

PLEASE NOTE

Of the 500 questionnaires sent out to CUGS members, approximately 125 have been returned. This is a good response. However, if you haven't returned your questionnaire and if you haven't sent in a little contribution—take note. We would really appreciate hearing from you, and we know you're interested in hearing about the Graduate School. Please place the MONADNOCK on your Christmas mailing list.

WIVES TALES

Each Monday evening during the fall and spring semesters, the wives of the married students of the Graduate School of Geography meet at one of the homes to pass the time in chatting and indulging in such useful tasks as mending hubby's socks, sewing, knitting, etc. This year there are ten married students, and their wives have met seven times. The first meeting was October 15. Eight of the wives, one who has recently come from France, are married to American students, and two are from Canada. Despite the range in backgrounds, it appears that they all have common problems in coping with student life in Worcester. The club has been functioning for several years and although the members change from year to year, it is agreed that the idea of meeting together periodically is a good way to become acquainted with each other.

HELP WANTED

To date, the MONADNOCK has been unable to locate the following people who attended the Graduate School of Geography. If you know the addresses of these people, we would appreciate your sending them to us.

Dorothea Burton, Ph.D., 1949
Ann Flynn, Attended 1946-1947
Isabelle K. Hart, M.A., 1927
James Haratani, M.A., 1946
David Hokans, M.A., 1952
George M. Howe, Ph.D., 1956
Donald Keller, M.A., 1926
Frances M. Lathrope, M. A., 1940
Eleanor Martin, Attended 1946-1947
Pearl Noland, M.A., 1946, Attended 1948-1949
Daniel Pawlikowski
Richard D. Sands, Attended 1953-1954
Robert J. Voskuil, Attended 1939-1940

CUGS OUTLINE ACTIVITIES FOR YEAR

The first organizational meeting of the Clark University Geographical Society for 1956-57 was held on October 15. Officers elected for the year were Brooke Cornwall, president, Nidia Avila, vice-president, Marcia Davidson, secretary, Richard Alberg, treasurer, and Salvatore Natoli, editor of MONADNOCK.

Standing committees appointed were: 1. Constitution, Richard Lockhart, Jesse Pendelton, David DuBiel; 2. Slides, Richard Erickson, George Corinaldi; 3. Photographs, William Tyson, Roger Brown; 4. Workroom, Gilbert Hunter, Pauline Riordan.

Several slide shows have been presented. Lane Johnson showed views

of Italy and France and Brooke Cornwall gave a show of "typical" Canada.

William Tyson was appointed chairman of a committee to look into arrangements for the Christmas banquet. Assisted by John Sherman, he planned the banquet for the tenth of December in the Green Room at Putnam-Thurstons. The menu included a choice of chicken, ham, or roast filet of tenderloin as entree. Wade Currier was in charge of entertainment, which included a community sing, a quartet offering, a recitation, "The Cremation of Bill Boley," a skit about field camp, and the presentation of gifts to the faculty.

VISITING LECTURER, JOINT SEMINAR HIGHLIGHT FALL PROGRAM

At a joint seminar of the staff and graduate students in geography, and history, government, and international relations, Dr. Benjamin Schwadran, Ph.D., Clark 1956, and editor of *Middle Eastern Affairs*, spoke on "Oil and the Middle Eastern Crisis."

Dr. Schwadran in speaking of the importance of oil in Middle Eastern affairs gave impressive statistics on the reserves and production of Middle East oil and the importance of the income to the oil producing countries.

After describing the British, French, American, and Russian positions on Middle Eastern oil, Dr. Schwadran went on to point out that there was no unanimity of Arab opinion and political action concerning the use of oil as a weapon in international affairs.

At the close of the talk Dr. Schwadran answered questions put to him by the audience.

The success of the joint seminar led Dr. Van Valkenburg and Dr. Lee to express the hope that more such seminars could be held in the future.

A well-attended tea was given at

the Graduate School of Geography in honor of Dr. Huke of Dartmouth College by the CUGS on November 13. Dr. Huke has recently returned from the Philippine Commonwealth where he spent the academic year 1955-1956 helping the University of Manila set up its Institute of Asian studies. He also managed to travel extensively, and he spent some time in Burma before going to the Philippines. He also visited all but two or three of the major islands of the Philippine Archipelago.

Dr. Huke gave a talk on the agricultural potential of the Commonwealth illustrated with large, easily-read maps of unused land, land available for farms and fishponds. He assured his audience that the Philippines could, should it be necessary, increase its agricultural production to supply adequate quantities of quality food and fiber to provide its present and future population with a healthy diet and a stable income. The talk was followed by a showing of some two hundred fine color slides of Philippine landscapes.

TEACHING, RESEARCH, TRAVELS FEATURE STAFF ACTIVITIES FOR YEAR

Teaching and research work seemed to be the main activities of the staff during the past summer.

After teaching a course at Summer School entitled, *Problem Areas of the World*, Dr. Samuel Van Valkenburg represented Clark University at the 18th International Geographical Congress held at Rio de Janeiro in August. While in South America, Dr. Van spent four weeks visiting most of the South American countries, trying to get an insight in their national problems. In Venezuela he spent a few days with Coen Kiewiet de Jonge, who is working for the Shell Oil Company in the Andes. This fall he went to the Atlantic City meeting of the National Council of Geography Teachers (he was appointed a member of the Executive Council) and spoke in Boston for the New England Association of Social Studies Teachers on *The Field of Geography*. As chairman, he presided at the Rhode Island meeting of the New England-St. Lawrence Valley Geographical Society. At present, due to the sudden death of Professor Whittelsey of Harvard, Dr. Van goes twice a week to Cambridge to complete one of the courses Professor Whittelsey gave there.

What was vacation time for most proved to be no vacation at all for Dr. and Mrs. Raymond E. Murphy. After teaching five weeks at the Syracuse University geography field camp at Genesco, New York, both Dr. and Mrs. Murphy supervised an urban study of Leicester, Mass. With the help of graduate students Dick Lockhart and Gerry Schultz, a land use map and rezoning plan of the town were drawn up. At the same time the Murphys were supervising a study of Paxton, Mass., with the help of graduate students Fred

Ritter and Roland Fuchs. At the present time, Dr. Murphy is the A.A.G. Representative on the Council of Population and Housing Census Users.

Dr. Richard J. Lougee spent the first part of the summer doing field work on problems of crustal upwarping in Maritime Canada. In the search for marine shorelines to determine the amount of crustal upwarp, his son, Gerry, acted as rodman. Together they covered about 13,000 miles in the Nash Rambler in which he and his son slept for 50 consecutive nights. They traveled from Lake St. John at the head of the Saguenay River to Cape Breton. The latter part of the summer was spent in studying controversial fossil beds in the Great Lakes Region and on the Wisconsin shore of Lake Michigan. He also took levels of glacial lake beaches in the Glacial Lake Agassiz Basin in North Dakota.

As Secretary of the North American Committee on the Terrace Commission of the International Geographical Union, Dr. Lougee prepared a report in the early summer for the 9th General Assembly and the 18th International Geographical Congress which was held at Rio de Janeiro in August, 1956. Since the beginning of school, Dr. Lougee has been busily engaged in recording the discovery of pre-glacial deposits along the new toll road in Millbury, Mass.

During his first sabbatical leave in 30 years which starts second semester, Dr. Lougee will be engaged in several writing projects and research on his own special interests.

Dr. Henry A. Warman and family started the summer off in a pleas-

(Continued on page 15)

GRADUATE SCHOOL OF GEOGRAPHY—1956



First Row, l. to r., Dr. Lougee, Dr. Murphy, Dr. Van Valkenburg, Dr. Warman, Mr. Burnham; Second Row, R. Erickson, E. Huka, P. Riordan, M. Karno, R. Kuna wat, Z. Nadirsiah, W. Garrigus, R. Brockelbank, M. Davidson, S. Natoli; Third Row, G. Hunter, K. Yusuf, P. Sinnott, K. Marcus, Sr. Ursula, W. Mesfin, L. Johnson, R. Alberg, W. Currier; Fourth Row, G. Corinaldi, M. Khan, I. Sandy, M. Hayden, J. Sherman, E. Potter, E. Dodd, D. DuBiel, R. Lockhart, H. Ree, M. Girgis, R. Brown; Fifth Row, J. Hickey, R. Sullivan, J. Glasgow, D. Dichter, B. Cornwall, C. Bench, W. Tyson, J. Carter, R. Lingner; Missing from picture, T. Maddigan, J. Pendelton, N. Avila, L. Gould, T. Luna.

Photo Credit: Richard Erickson

BERKSHIRE EXPLORERS REVEAL FINDINGS

Between September 27 and October 12, 1956 the Clark University Geographical Excursions, Inc., sponsored a trip for a select few geography students desirous of vacationing in the cool and beautiful Berkshires. All of the registered students in the Workroom decided to go; thus on September 27 at approximately 8:00 A.M. (in the morning) they gathered in the Workroom, received their gasoline credit cards, and departed for Camp Merrill in Pittsfield.

The trip was uneventful except that half the group, maps on their laps, got lost in the last three miles of the trip, leaving Pittsfield. True geographers that they were however, most realized their mistake immediately upon seeing road signs pointing to New York City about ten miles down the road.

Nevertheless, by dinner time almost everyone had arrived (after all, it was almost 90 miles away). After finishing minor business such as a field walk in the camp and enlarging maps for the mile square study the next day, reserved seats in front of the fireplace were selected by the members of the group who were fortunate enough to have the strength to push others away.

Breakfast was served late the next morning, allowing the students to sleep until almost 7:00 A.M. (also in the morning). One of the memorable points of the trip, cherished by many of the students, or at least one or two, maybe, was the cheery smile and friendly greeting always forthcoming from the cook.

After eating, warming up in front of the fire, bundling up in multi layers of warm clothing, gathering together 4H pencils, maps, colored pencils, and lunches, all climbed into their cars and went to their areas of study. Many hours of intensive

study of land use, coffee shops, distribution of television sets, and physiography followed. The exact location of the movies, camera shops, and Mobilgas stations were yet to be proven of great value. At lunch time a geographic search was made for a good site to locate a picnic. Factors to be considered were slope (upon which to sit while munching peanut butter and mixed meat flavored with pickle), temperament and location of dogs, and nearness to areas of liquid refreshment. To add interest to the first day of mapping, precipitation became active and with hearty smiles, practically everyone recopied their enlarged mile-square map.

A week of land use and physiography mapping followed. Always available for appointments with the various groups were Dr. Edward C. Higbee, whose love for field camping forced him to give up time from his Sabbatical leave to guide our land use studies; Dr. Henry Warman, always waiting even if the team did show up an hour late; and Dr. Richard Lougee, our director, who proved that he can chop wood almost as well as he can answer any conceivable question about glaciology. Dr. Raymond E. Murphy spent the second week with us delimiting the CBD (Where is it?) and finding potential industrial sites (away with zoning). In addition Dr. Erwin Raisz viewed and sketched Williamstown Vista with us from atop Mt. Greylock, and Dr. Samuel Van Valkenburg and Dr. Hans Boesch of the University of Zurich visited us one evening when Dr. Boesch spoke of farming in Switzerland.

In addition to the physical data accumulated several important facts of human geography were determined. Among them were that World Series time isn't the best time to do field tripping if any members of the group are avid baseball fans,

that clothes can best be washed by boiling them in a pan full of Tide for several hours, and that wood stoves don't keep you warm unless you put wood in them.

BUGS AFIELD REPORT TO HOME OFFICE

The CUGS have recently received this letter from Simon Baker, graduate student, who spent the last two years completing his Ph.D. residence at Clark. Last spring, Si was awarded a grant by the National Research Council to do field work abroad. Si and his wife, Rosalie, left the United States for Ceylon where he expects to study agricultural land-use in the development of arid areas.

The following letter was received from him in November.

Near Dakar, French West Africa
November 8, 1956

Dear Cugs and Staff:

Rosalie and I arrived in England August 19th. During our two months' stay we saw a bit of London and took a trip to the continent. The Royal Geographical Society in London is a very interesting place. It can boast of a very good library and map collection. It has an exact copy of the Everest model which we have in the Workroom.

We spent several weeks hitch-hiking from Ostende, Belgium to Copenhagen, Denmark, and then returned to England. We found Dutch and Danish drivers to be especially friendly and hospitable. I can safely recommend hitch-hiking as an excellent field technique in human and social geography. Youth hostels in this part of Europe are excellent. The hostels in Den Haag, Bremen, Hamburg, and Copenhagen must be seen to be believed.

While in London waiting for a ship to Ceylon, I spent some time

profitably in the R.G.S. library and map rooms. Low-cost sea transport eastward is not readily available at this time of the year. However, we were fortunate in obtaining space aboard a British freighter, The *S. S. Maipura*, of the Brockelbank Line. We have first class accommodations at second class prices.

We sailed from London on October 20th and were two days from Port Said when one of Dr. Van's problem areas erupted. After waiting for a day to see what would happen, the company ordered the ship around Africa and thence to Djibouti, Aden, the Seychelles, and finally Colombo. This letter will be sent from Dakar sometime tomorrow when we stop to take on oil before proceeding to Durban, South Africa, our next bunkering port.

More news at a later date. Best wishes to all.

Simon and Rosalie Baker

In late November, the second recipient of a National Research Council grant, Gerald Schultz, left for Turkey. Mr. Schultz intends to spend a year studying spatial patterns in a rural society. Enroute to Turkey, he expects to fit into his travel schedule a tour through Western and Mediterranean Europe.

Emmanuel Maier arrived in Europe in the late summer to begin a year of field research in southwest France. Dr. Maier would like to test the validity of using language as a method of delimiting a region and correlate that with the standard techniques used.

Roland Fuchs, who completed his Ph.D. residence last year, is studying the Russian language and civilization at the Russian Institute of Advanced Studies of Columbia University under a Ford Foundation grant. Mr. Fuchs would like to apply this background for further research on Russia for his doctoral dissertation.

STAFF, WORKROOM

(Continued from page 5)

JESSE PENDLETON (B.S., 1956, Central State College, Wilberforce, Ohio) Pen comes from the Bronx and is an M.A. student. He would like to teach after he completes his graduate work at Clark.

ROBERT J. SULLIVAN (Ed.B., 1953, Rhode Island College of Education) Bob attended the course in cartography last summer after his separation from the U. S. Army and service in Korea. Bob would like to teach geography after his M.A. work is completed. He formerly taught mathematics in his home town, Providence.

ELAINE I. POTTER (B.A., 1955, Clark University) Elaine spent the past year traveling in Europe and attending classes at the University of Zurich in Switzerland. Her immediate plans are confined to work toward her M.A. in geography.

THOMAS E. MADIGAN (B.A., Wilmington College, Ohio, 1950, M.A., Ohio State University, 1954) Tom comes to Clark after teaching for two years in North Lewisburg, Ohio and with experience as a Fulbright teacher in the Netherlands. He is working for his Ph.D. and is interested in writing on the polders of the Netherlands.

LANE JOHNSON (B.A., University of Denver, 1952, M.A., Clark, 1954) Lane recently completed a stint with the U. S. Army in Northwestern Europe and is back to complete his Ph.D. residence. He has no future plans other than doing doctoral research in urban geography.

ROBERT LINGNER (A.B. Clark, 1954, M.A. University of Maine, 1956—Geology) Bob is combining Ph.D. residence with instructing undergraduate geology courses. He was a graduate assistant in geology at the University of Maine before returning to Clark.

JOSEPH HICKEY (B.A. Clark, 1954) Joe reluctantly left the U. S. Army in Europe to complete its mission without him. A resident of Natick, Joe is an M.A. candidate. During his European tour of duty, he travelled extensively over Western Europe, Scandinavia and the British Isles.

RICHARD B. ERICKSON (B.A. Clark, 1954) Dick's home is in Milford, Massachusetts and he was recently separated from the U. S. Army. At Clark again for an M.A., he can usually be found minoring in photography in the Darkroom.

We add to the list of new faces, the "old guard" consisting of RICHARD ALBERG (Ed.B., 1951, Rhode Island College of Education) from Pawtucket, Rhode Island who is rarely seen without his fiancée, REBECCA BROCKELBANK (B.S. in Ed. 1955, Salem Teachers College) who calls Georgetown, Mass. home. Both Dick and Becky are working for their M.A.'s, but they plan to be Mr. and Mrs. in the spring. Last summer, Dick worked for a jewelry company in Providence while Becky did cartographic work for the U. S. Army Quartermaster Research and Development Command at Natick, Massachusetts. Dick is an Air Force vet, Mr. Burnham's map assistant and Sergeant-at-Arms of the Workroom.

Returning from her summer position as Post Librarian at Camp Drum, N. Y., PAULINE RIORDAN (B.S., 1944, Simmons College) from Milton, Mass. is also completing her M.A. course work. Pauline feels lost without her "Chevvy" which she shed this past summer.

RICHARD (DICK) LOCKHART (S.B. Massachusetts Institute of Technology, 1953) found Worcester and its environs a pleasant place to spend the summer while working with Dr. Murphy on the rezoning of Leicester, Massachusetts except for a short in-

terruption for Army Reserve training. He is hoping to spend the next semester preparing his M.A. thesis in urban geography.

Trying his hand at work in a bakery, JOHN M. SHERMAN (B.S., 1950, Boston University), a Marine Corps vet, returned to complete his M.A. course work. He hopes to do government research work or to teach after he gets his degree.

After spending the late winter and spring at Clark compiling the results of his thesis research, GILBERT HUNTER (B.A., 1954, Wayne University, Detroit, Michigan) helped keep his native Detroit green by working as a landscape gardener during the summer. Gil is back for his Ph.D. residence and plans to work for the U. S. Government in some capacity following this year's studies.

Former New Englander, LOREN N. GOULD (B.A. Clark, 1953) now of Crescent City, Florida, is back with his pipe in the Geology Department as an assistant in geology. Loren is an Army veteran and is presently working on research for his M.A. thesis.

Also spending some time south of the Mason-Dixon Line was SALVATORE J. NATOLI (B.S. 1951, Pennsylvania State Teachers College, Kutztown, Pa.) of Reading, Pa. who combined mail carrying with thesis research during the summer. Sam, another Army vet, would like to return to teaching after completing his Ph.D. residence in June.

SISTER MARY URSULA, R.S.M. (B.S., College Misericordia, M.A., 1953, Catholic University of America) is keeping the center cubicle stabilized this year after spending the summer intensively reading German. Sister will return to her former position as registrar of Mt. Aloysius Junior College, Cresson, Pa. after completing her Ph.D. residence.

Rounding out the Pennsylvania delegation is WILLIAM TYSON

(B.A., 1953, Ohio Wesleyan University) of Wayne, Pa. Bill spent the summer working and vacationing with his wife and daughter. He hopes to enter the planning or cartographic fields after getting his M.A.

An extensive tour of the East and Middle West occupied MESFIN WOLDE-MARIAM (B.A. Government College, Ludhiana, India) during the summer. Mesfin is preparing to weather another New England winter before completing his M.A. course work and returning to his native Addis Abeba, Ethiopia and eventual work with the Mapping and Geographical Institute there.

MRS. KLAUDIA MARKUS (B.A., University of John Kazimir, Poland, M.A. University of Virginia, 1955) spent part of the summer at her home in Charlottesville, Va. and part of it on vacation in the Catskill Region of New York with her two sons. Klaudia's interests are mainly in cartographic techniques and she can usually be found in the cartography laboratory with her physiographic drawings.

M. HALIM KHAN (M.A., Econ., M.A., Geog., M.Ed., and LL.B., Patna University and Aligarh Muslim University), while not having his picture published in the Worcester press, and holding court in the first cubicle is very seriously engaged in research on his dissertation in political geography. Usually discussing the world situation with him is his neighbor in the next cubicle, MONIR SAAD GIRGIS (B.A., M.A., Cairo University) who is completing the written and cartographic aspects of his doctoral dissertation on the Fertile Crescent.

Also working on their dissertations are WOODFORD GARRIGUS (B.A. Middlebury College, M.A. Clark, 1955) and TELESFORO W. LUNA (B.S. University of the Philippines, 1953, M.A., Clark, 1956).

(Continued on page 14)

STUDENT RESEARCH PROGRESSES

A Fertile Crescent Federation is the title of a dissertation completed by Monir Saad Girgis. This political geography study points out that there is no geographical basis for the boundaries of the Arab states in the Fertile Crescent. It is suggested that there be created an Arab Federation comprising the Arab states of the Fertile Crescent. Field work was done in Syria, Lebanon, and Jordan before the author came to Clark.

A Master's thesis by Gilbert Hunter in recreational geography takes up the *Mid-summer Tourist Traffic in Cody, Wyoming*. The idea came about while Gil was a Ranger at Yellowstone Park in the summer of 1954. Interviews with nearly 300 parties of tourists were held at Cody. Statistical analysis of these interviews will be done along with citation of the work of regional economists.

The conviction that surface relief is the chief cause for creating areas of low agricultural productivity in many sections of the Eastern United States has led to a dissertation by Woodford Garrigus on *Surface Relief and Agricultural Land Use in Ohio*. Ohio was chosen for study since it is physically suited for agriculture and throughout most of the state there is strong pressure toward the land producing agriculturally. Preliminary work indicated a high relief-agriculture correlation.

The topic of a Master's thesis by Salvatore J. Natoli is *The Significance of the Changes and Improvements to the Chesapeake and Delaware Canal to the Areas It Traverses in Maryland and Delaware*. The problem studies the effects of improvements and changes in the canal upon the people and land directly affected by the channel widening and deepening. Field work was undertaken this summer in the area.

A political geography dissertation

on *Muslims in India After 1947* is the work of Mohammed Halim Khan. This study takes up the fundamental issues involved in connection with the Muslims as a religious group in India. Three main divisions are discussed: the history of the two nations' theories and their climax in the 1947 partition; analysis of the present Muslim position; and discussion of the economic and strategic importance of the Muslim community in contemporary Indian politics.

Distribution Pattern of High Quality Residential Land Use in Worcester, Massachusetts is the title of a dissertation by Telesforo Luna. The problem involves developing a technique to delimit high quality residential land use by using statistical material from the Census of Housing and valuation data. The method developed so far in attempting the delimitation is through calculation of the standard deviation using 1950 block statistics for the city. Field work is now in progress using a statistical map derived from calculation of the standard deviation.

Loren Gould is writing a Master's thesis on Crescent City, Florida titled, *Crescent City and Its Environs*. The study takes up the rapid expansion of population and industry in the area and the consequences of lack of planning and foresight. These conditions are similar to those in other towns in Florida and the South.

STAFF, WORKROOM (Continued from page 13)

Woody is doing research on correlations between average slope and agricultural land use in Ohio, while Tel is working on an urban problem in Worcester.

DAVE DICHTER (B.A., 1954, Aligarh Muslim University, Aligarh, India) recently released from duty with the U. S. Marines 3rd Regiment in Japan has returned to the Clark campus to complete work

for his M.A. Dave formerly attended Clark in 1954-55.

Back this semester to complete his Ph.D. residence is JOHN CARTER (A.B., Boston University, 1953, A.M. pending) whose interests in geography lie mainly in urban studies. John lives nearby with his wife and two children. John still finds time for his music, and plays with a dance band in the Boston area.

FOREIGN STUDENTS CONVERSE BI-WEEKLY

A new idea in aiding the foreign students in the Graduate School to become more familiar with the spoken aspects of the English language was born at the request of Dr. Van Valkenburg to the English Department of the University. The plan, in effect, is to aid these students in a more informal usage of the language. With the cooperation of the English Department, Mr. Herman Makler, a senior honors student in English meets with those students who voluntarily attend the classes held from 7 to 8 P.M. on Mondays and Wednesdays in the Libbey Library.

According to Mr. Makler, the students have shown a great deal of enthusiasm in having an opportunity to use the English language in a relaxed type of class atmosphere. The idea behind each of these meetings is to stimulate spontaneous conversation along with learning some of the mechanical skills of the language. By reading and discussing current periodicals and newspapers,

the tendency for many of these students to hesitate before using the language has been broken down.

TEACHING, RESEARCH (Continued from page 8)

ant way by spending the first few weeks camping out at Nickerson State Park on Cape Cod. After teaching his Geography in Education course during the summer session, Dr. Warman was engaged in a number of projects. One of these was the completion of the final draft of a high school text on geography in human affairs with Dr. Van. He was also a consultant for A. J. Nyström Co. on an educational map series and edited the special geography issue of the magazine *Education*, September, 1956. Somehow he managed to find time to vacation at several beaches in New Jersey. Just recently he prepared a statement for the National Council of Geography Teachers at Atlantic City on November 23 on the subject of improving the training for college geography majors.

Currently on sabbatical leave during the first semester, Dr. Edward C. Higbee spent most of the summer at Martha's Vineyard finishing the drafts of two forthcoming books. Dr. Higbee spent one week at field camp before taking his leave. He plans to finish his books before doing any more traveling.

Remaining the Grand Old Man of the Workroom, Mr. Guy H. Burnham spent his summer teaching Cartography in the *Salt Mine*. He is pleased to report that his health has very much improved.

MERRY CHRISTMAS

The Staff of the MONADNOCK extends its best wishes for a very happy Christmas to all former and present members of the Graduate School of Geography. At this time, we also extend our warmest appreciation for the contributions which have made this edition possible. The response to the questionnaire has been extremely satisfying. We would like to remind those who have not completed it to do so as quickly as possible. This is the only way we have of maintaining contact with CUGS members. With your cooperation we can continue to keep you informed of the activities of your former classmates and associates.

THE MONADNOCK STAFF

Editor

SALVATORE J. NATOLI

Associate Editors

REBECCA BROCKELBANK

MARCIA DAVIDSON

JOHN SHERMAN

Typist

PAULINE RIORDAN

Contributors

ROGER BROWN

THOMAS MADIGAN

The MONADNOCK is regularly published twice a year, in December and May, by the Clark University Geographical Society, Worcester, Massachusetts.