

1974 NEWSLETTER

Department of Geography  
University of Minnesota

Prepared by

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## DEPARTMENTAL COMMENTARY

Ward J. Barrett

I want, first, to call your attention to honors conferred on some of our colleagues. For quarter leaves this year and next, our congratulations go to Professors Barton, Hart, Lukermann, Rice, and Squires. Our congratulations also to Professor Tuan, who has received an award from the AAG for his "meritorious contribution" to the discipline; a sabbatical next year, a Visiting Professorship at Davis for the following year; and a major breakthrough in the paperback field with the publication of Topophilia, which is certain to have wide appeal.

These seem like things from old times: publication, honors, leaves for the purpose of doing research. Although opportunities are much reduced now by contrast with the sixties, these remain some of the things that professors are supposed to do. New times have brought many new things, as well as taken away much that was familiar. There is less certainty: TA support has been much reduced in the last few years, although it remains much greater than it was in 1960 and the numbers of graduate students have not declined in the same period; there are perhaps as many jobs offered, but with new restrictions on candidacy and subject matter. Changes have occurred in the Graduate School and the College of Liberal Arts whose final outcomes remain obscure. Given all the flux and change that form the matrix of daily life and one's own decisions, it is interesting to see how many new and prospective graduate students express in both their applications for admission and in their choices of courses an interest in planning--environmental, regional, urban--and this, in turn, may be expressive of optimism, of a belief that the future can and should be managed.

What could be more traditional and American than this?

## ACADEMIC DEVELOPMENTS

### Graduate Policy Committee

Richard H. Skaggs

A number of items have concerned the Graduate Policy Committee this year. In the fall quarter, the Geography listing in the Graduate School Bulletin was revised. The major change is that we now ask that letters of recommendation be sent for admission to our graduate program as well as for financial aid. We also recommended and the department accepted a plan for new graduate student orientation before the beginning of the fall quarter.

The Graduate School proposed changes in the Plan B route for the Master of Arts degree. Under the new system, the supporting field minimum requirement is 8 credits in one or more related fields. After much discussion, the department decided to agree with the new minimum requirements but to strongly recommend that geography graduate students do substantially more than the minimum in supporting fields. In a related development, we wrote down some general guidelines on Plan B projects.

The committee is also reviewing departmental practice on Ph.D. final examinations. But we have nothing of substance to report at this time.

### Undergraduate Policy Committee

Bonnie Barton

This has been a busy year for the department's Undergraduate Policy and Curriculum Committee. Its tasks have partly involved those on-going concerns of the department which relate to the procedures of undergraduate advising, the range of course offerings, and the dissemination of information on the undergraduate curriculum to groups both within and without the University. As well, it is typically the job of this committee to update the listing of courses for new CLA bulletins, and this was needed this year. The most important function of the committee, however, has been to pay some focussed attention to questions of policy and direction. This is especially important in times when departments are faced with budget reductions and the potential need for re-allocation of funds. The Undergraduate Policy and Curriculum Committee has responded to these needs by drafting statements for such questionnaires as the CLA Departmental Budget Review. Additionally, some members of this committee, along with members of the Graduate Policy and Curriculum Committee, are presently serving on the Self-Survey Committee. This is one of three groups involved in a recently-instituted joint CLA-Graduate School Departmental Review process to be carried out every five years.

Ph.D. Degrees Granted

1972-73

NANCY REMUS BAIN	"Spatial Variations in Fertility: The United States 1920, 1940, 1960"
SANFORD HAROLD BEDERMAN	"Black Residential Neighborhoods and Job Opportunity Centers in Atlanta, Georgia"
YUET-PING CHUNG	"Residential Changes of Households in Kowloon, Hong Kong"
RONALD CLIFFORD JOHNSON	"The Effect of Contemporary Thought Upon Park Policy and Landscape Change in Canada's National Parks, 1885-1911"
RAJ MATHUR	"Spatial Planning for Development: A Study of the Delhi Region"
RISA PALM	"The Concept of Community: A Geographical Perspective"
INGOLF VOGELER	"Farm and Ranch Vacationing in the United States"

1973-74

ARNOLD ROBERT ALANEN	"College Student Migration: Implications for Higher Educational Planning in Minnesota"
LUC BUREAU	"Regional Perception of the Farm in Quebec"
ABUL HASAN SAHIR	"Residential Pattern of Wheat Farmers in Southern Saskatchewan--A Case Study"
HERBERT LEE WEST, JR.	"Urban Life and Spatial Distribution of Blacks in Baltimore, Maryland"
GERALD PITZL	"Toward an Integral Concept of Form in Geographical Studies"

M.A. Degrees Granted

1972-73

LINDA CANFIELD

SHUI-YEU LI

PAUL GRAUER

THOMAS MALTERER

TIMOTHY J. KELLY

EARL NORDSTRAND

EUN-ZA KIM

ROBERT OSTERGREN

KA-YIN KWOK

KEITH WIETECKI

KI-SUK LEE

SU CHANG WANG

1973-74

JAMES BROTHEN

OLAFUR OSKARSSON

ANNIK ROGIER

B.A. Degrees Granted

1972-73: 42

1973-74: 22 (to March, 1974)

## RESEARCH DEVELOPMENTS

### The Comparative Metropolitan Analysis Project

Ronald F. Abler

The Comparative Metropolitan Analysis Project attempts to apply what geographers have learned about American cities to current metropolitan problems in the nation's twenty largest metropolitan systems. The project is funded by the National Science Foundation and headquartered in the Geography Department. John S. Adams is Director of the Project, and Ron Abler is Associate Director and Atlas Editor. The Project has incorporated the expertise of more than 40 consultants around the country, including Minnesota graduate Rex Honey, who has written a monograph on Metropolitan Government. John Borchert is a member of the Project's Steering Committee and is working with John Adams and Ron Abler on the Twin Cities monograph.

The Project is designed to provide an accurate assessment of the progress being made toward meeting human needs in America's twenty largest metropolitan regions. Research results will be contained in a four-volume work to be published in 1975. One volume will consist of twenty metropolitan vignettes that describe each city. A second volume will be composed of policy monographs that will discuss the incidence and intensity of specific metropolitan problems across several of the twenty metropolitan systems. The third volume will be a Comparative Metropolitan Atlas that will synthesize the insights produced by the systematic and regional approaches used in the policy monographs and the metropolitan vignettes. A fourth volume will present the data and base maps used to produce the atlas maps.

Pat Burwell is supervising the cartography for the Project, which is being done by the Cartographic Laboratory. Ki-Suk Lee, Su-Chang Wang, and Si-Young Park are working on the Project as cartographers. Mary Tingerthal, Paula Schmitt diehl, and Thomas Lutgen, undergraduate geography majors, are doing the preliminary mapping, and Pat Kelley is the Project secretary.

### ERTS Project

Dwight A. Brown

Along with Professor Skaggs and several itinerant graduate students I am involved in research projects that are examining the application of remote sensing technology to surface water hydrologic problems in Minnesota. Other remote sensing ventures include coordination of a State Planning Agency/Center for Urban and Regional Affairs project to develop surface cover mapping and resource condition change detection capabilities with satellite imagery.

## PROFESSIONAL ACTIVITIES

### Coffee Hours Presentations

#### Fall Quarter 1973:

- Friday, September 28, 1973 -- "My Tropical Labours" Professor P. W. Porter (University of Minnesota)
- Friday, October 5, 1973 -- "The Comparative Metropolitan Atlas Project--Description and Progress Report" Professors John S. Adams and Ronald F. Abler (University of Minnesota)
- Friday, October 12, 1973 -- No Coffee Hour (West Lake Division Meeting of AAG)
- Friday, October 19, 1973 -- "Tibet-Ideology on the Landscape" Professor P. P. Karan (University of Kentucky)
- Friday, October 26, 1973 -- "The Impact of European Settlement on a Minnesota Lacustrine Environment" Professor J. P. Bradbury (University of Minnesota, Geology)
- Friday, November 2, 1973 -- "Peddlers, Pushers, and Pimps: The Professional Advocate in Community Planning" Professor John Seley (University of Minnesota, School of Public Affairs)
- Friday, November 9, 1973 -- "Economic and Social Forces Changing the Structure of Agriculture" Professor Philip Raup (University of Minnesota, Agricultural Economics)
- Friday, November 16, 1973 -- "The 1973 Geography Department Where in the World is It Slide Identification Contest"
- Friday, November 23, 1973 -- No Coffee Hour, holiday
- Friday, November 30, 1973 -- "Zoning and the Environment" Professor Alan Freeman (University of Minnesota, Law School)

#### Winter Quarter 1974:

- Friday, January 4, 1974 -- "Limits to the Use of Fossil Fuels, Solar Energy, and Nuclear Fission" Professor Dean Abrahamson (University of Minnesota, School of Public Affairs)
- Friday, January 11, 1974 -- "Climatic Change and Plant Domestication in the Near East" Professor Herbert Wright (University of Minnesota, Limnological Research Center)
- Friday, January 18, 1974 -- "Models of Urban Population Distribution" Professor Theodore Anderson (University of Minnesota, Sociology)

Friday, January 25, 1974 -- No Coffee Hour

Friday, February 1, 1974 -- "Some Evidence for the Transoceanic Migration of Man to America" Professor Donald Lawrence (University of Minnesota, Botany)

Friday, February 8, 1974 -- "Distinguished Geographer Film Festival" with Jan O.M. Broek, William Garrison, David Harvey, and Carl O. Sauer

Friday, February 15, 1974 -- "The Production of Professional Basketball Players" Thomas Baerwald and Charles Gross, graduate students University of Minnesota, Geography

Friday, February 22, 1974 -- "The High School Geography Project" Professor Jerry Croft (Oklahoma State University on leave to Macalester)

Friday, March 1, 1974 -- "Inquiry in Urban Geography: The Grand Avenue Project" Professor David Lanegran (Macalester)

Friday, March 8, 1974 -- "COMGED" (Commission on Geographic Education) Professor Janice Monk (University of Illinois)

Friday, March 15, 1974 -- "The Great Plains as a Study in Landscape Organization" Professor John C. Hudson (Northwestern)

#### Spring Quarter 1974

Friday, April 5, 1974 -- "Computerized Photographic Interpretation of Satellite Data" Mr. Len Kirvida (Honeywell)

Friday, April 12, 1974 -- "Manuscript and Local Resource Material in Geographic Research" -- Professor Hildegard Johnston (Macalester)

Friday, April 19, 1974 -- "Development and Construction of the Burlington Northern Yard" Mr. Woxland and/or Mr. Thompson

Friday, April 25, 1974 -- Bernard Marchand (Northwestern University)

Friday, May 10, 1974 -- "Geographic Research in National Intelligence Work" Mr. Philip A. True (East Asia Branch, Central Intelligence Agency)

Friday, May 17, 1974 -- RALPH BROWN DAY--speaker, Robert Lucas (U. S. Forest Service, U. S. Department of Agriculture)

Friday, May 24, 1974 -- "Population Migration in Minnesota" Neil Gustafson (Upper Midwest Research and Development)

Friday, May 31, 1974 -- "Careers in Geography" J. Warren Nystrom (Executive Director of AAG)



Friday, June 7, 1974 -- Larry Carlson (Dayton-Hudson Corporation, Area Research Department)

#### Special Lectures and Presentations

January 22, 1974 (Tuesday) -- "Agricultural Productivity and Tropical Ecosystems in New Guinea" Professor William Clarke (University of California-Berkeley, Anthropology)

January 30, 1974 (Wednesday) -- "Medieval Roots of American Urbanism: The Ideal City--Liberal City Division in History" Professor James Vance (University of California-Berkeley)

February 14, 1974 (Thursday) -- "The Geography of Sport" Professor John Rooney (Oklahoma State University)

February 28, 1974 (Thursday) -- "Chorology and Spatial Analysis" Professor Robert Sack (University of Wisconsin-Madison)

April 4, 1974 (Thursday) -- "The Nineteenth Century City: Model for Metropolis" Professor Peter Goheen (University of Chicago)

April 11, 1974 (Thursday) -- "Regional Impact Systems" Professor Wilbur Maki (University of Minnesota, Agriculture and Applied Economics)

May 9, 1974 (Thursday) -- "The Debate on Alternative Approaches in Historical Geography" Professor David Ward (University of Wisconsin-Madison)

May 29, 1974 (Wednesday) -- Professor Brian J.L. Berry (University of Chicago)

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B I O S = U I A S H

I I M M E S

'All the News That Fits, We Print'

Vol. 4, No. 5

SPECIAL BROWN DAY EDITION

17 May 1974

## MEGS DEBUT ON GRIDIRON, POST WINNING SEASON IN BASKETBALL

By Special Correspondent

Sparked by a banner recruiting season which brought a bullpen full of jock-oriented grad students into the department, the Bos-Wash Megalopoli fielded its first football team for U of M Intramural competition last fall. As befits the spirit of the times, the Megs (as they are popularly known) opened its roster to the fairer sex, and found the females in geography at Minnesota to be just as adept as the males in dropping passes, missing blocks, and placing the blame on others.

The Megs' first game found an heroperson when Karen Solheim scored the team's first (and only) touchdown, earning her the plaudits of the crowd and an appropriate nickname, "Scooter." Unfortunately, the team lost that game, and the season went downhill from there. But the Megs parlayed a forfeit, tie, and lucky draw in the playoffs to finish 17th out of 34 Co-IM teams on campus; no mean accomplishment for a team which never did win a game on the field. Individual highlights of the year included the development of Lorinda Anderson as an outstanding linebacker, John Smiley's cracked ribs, Marie Popp's center snaps, Bill Rybak's interception, and Paul Meartz's regular terrorization of girls on the opposing team.

By mid-September, the Megs were satisfied to leave football to Alan Page & Co., and they turned their sights to basketball. Earl Nordstrand was lost to the Duluth YMCA through graduation, but Meg coach Charlie Gross sent two draft choices and 6 bottles of Hauenstein to famed sports geographer John Rooney at Oklahoma State for the services of Jerry Croft (who was on sabattical at Macalester at the time). Croft ably filled the center position, and with Steve Prestin, Dan Saplis, Tom Baerwald, and Dale Trippler crashing the boards, the Megs demonstrated rebounding strength rarely seen in the annals of Bos-Wash sports. John Harrington, Tim Kelly, Nate Klugman, and Gross led the offense, which found the fast-break extremely effective against older teams in the Faculty-Staff League. Numerous Meg records fell in their 85-14 romp over Mechanical Engineering's Upadni Churls, a turning point in the season which saw them post a 6-5 record, finishing as

Class C runners-up and ranking as the no. 6 Faculty-Staff team on campus.

At the time of this printing, plans were being made for the spring sporting season. Earl Scott has organized the department's first spring tennis tournament, and fifteen aspiring Rod Lavers answered the call. Russ Adams was established as the top seed, but the experts agreed that the field was wide open. The crack of multi-colored softballs coming off aluminum bats was also heard, and manager Tom Baerwald expected Tim Kelly's return from a year of seasoning in the minors at Madison to key another successful Bos-Wash season. Last summer the Megs took a 5-1 record into the Class A playoffs, only to falter 27-2 in their first game. The hero of that losing effort, Ron Abler, is presently playing out his option before returning to State College, Pennsylvania to play for the WIZDOG A.C., but most other starters returned and will compete in both winter and spring.

Other sporting activities included John Smiley's swim team, John Hickey's Co-IM volleyball team, and Dale Trippler's golf team. The swim team splashed its way to the Faculty-Staff title, assisted by the fact they were the only team entered. This boosted the Megs into the top five in University participation points demonstrating the compatibility of academic excellence and recreational accomplishments.

1973 BROWN DAY AWARDS

Ralph Brown Prize for Best Published Graduate  
Student Paper:

BOB OSTERGREN

Outstanding Seniors in Geography:

CYNTHIA CAMPBELL  
SCOTT R. DICKSON  
TIM PHILLIPS

Golden Shovel:

JIM BROTHEN

Platinum Plow:

ROD SQUIRES

## PRESENT FACULTY

RONALD F. ABLER. The Ablers are winding up their stay at Minnesota. The house has been sold on this end, but we haven't found anything back at Penn State, which is starting to cause some anxiety. The family is fine, and Rosella's starting to think about going back to school now that Fred and Ken need less attention. I've been keeping my nose to the Atlas grindstone. There seem to be few guidelines as to how to proceed on a venture of this sort, so we're just forging ahead as best we can. The Atlas leaves little time for pursuing other intellectual interests, although I am winding up a few projects that were started earlier, including the editing of Human Geography in a Shrinking World. More work on communications will have to await completion of the Metropolitan Atlas.

JOHN S. ADAMS. The A.A.G. sponsored Comparative Metropolitan Analysis Project is moving into its third and final year. Two of our three volumes will be completed this year. The Comparative Atlas of Metropolitan America will be finished in 1975. I resigned as director of the Planning Program in the School of Public Affairs but remain in the School and the Program. The rest of my time is spent convincing Dave Lanegran that Catholics and Jews make the best Protestants.

RUSSELL B. ADAMS. Continued teaching courses in quantitative methods and design with more computer use, partly because of NSF Symposium in summer of 1973 at Iowa. Local involvement with transit planning from bus study and ex-students now working for the transit commission. On-going consulting with firms on store location and a new power plant. Translated and reviewed, with help of my wife, materials in computer literature (to Russian) and geography books (to English). Resumed dilatory interest in population mobility. Would like to see geography reduce its range.

WARD J. BARRETT. Gasoline supplies permitting on this side of the border, I plan a trip to Mexico this summer for about a month, just looking around and to attend the Congress of Americanists. I will give a paper there with Stuart Schwartz, as we did at the last Congress in Rome.

BONNIE BARTON. Has been involved in developing material for several courses including Introduction to Geographical Inquiry and Geographical Analysis. Work continues on Explanation in Geography. Committee work, enjoyable colleagues and students keep her busy. This summer she will be working at Carleton University in Ottawa and next winter she will be on quarter leave for research.

JOHN R. BORCHERT. Firmly established in his new fortress on the St. Croix guarding Minnesota against future encroachments by Mather, John continued to commute between Scandia and Walter Library, visiting the West Bank for 15 minutes once every other month. Such perseverance made him a popular choice to be

invited to the department by the New and Visiting Faculty committee. Unconfirmed rumors circulated that he was teaching a weekly land use planning seminar, but the 58 enrolled for the course could shed no further light on the matter.

DWIGHT A. BROWN. I have been trying to finish a series of maps on frequency, magnitude, timing, and direction of winds in the U.S. In addition, efforts to apply remote sensing technology to water resource problems (fishing and canoeing) in Minnesota has met with some success. The project's major shortcoming has been the success of numerous graduate assistants in preventing me from collecting adequate ground truth data.

ANTHONY R. DE SOUZA. I assisted Philip Porter in the preparation of a paper, "Underdevelopment and Modernization." I continued my research interest in development and underdevelopment. I enjoyed a summer teaching at Berkeley, California.

JOHN FRASER HART. Continues to be kept busy by the Annals. After nine years, nine months, and eight days of gestation--certainly some kind of record!-- the manuscript for The Look of the Land (formerly Rural Landscapes of the Western World) has been delivered to Prentice-Hall, and should be appearing in print any year now. He will be on leave in the spring quarter of 1975 to explore some aspects of urban encroachment on rural land.

MEI-LING HSU. I proposed a new course sequence on computer applications in geography and the department is receiving a federal grant to purchase a digitizer. So business is looking up. I continue to work on topics dealing with the effectiveness of map symbols for communication and cartographic generalization. I visited the University of Washington last winter and spring, and in the summer read two papers at a two-week NATO Advanced Studies Institute on "display and analysis of spatial data."

STUART R. LOOMIS. My interests have not changed greatly from past "annual reports." In teaching these interests are represented by the courses I am currently involved with: introductory physical geography, landform geography, climatology, glacial/periglacial geomorphology, cartography, Twin Cities geography, and seminars on various physical geography topics. Primary research efforts are still focused on cold region processes and continued work on an Alaskan glacial study. This study examines the structure, morphology and temperature regimes of ice-cored moraines in an area of recent alpine glaciation. It is hoped that the results of this study will give more detailed insight into one mode of glacial deposition which created landforms characterizing phases of Wisconsin time continental glaciers.

FRED E. LUKERMANN. Following an autumn of field work in Greece where he regularly spoke with his old colleagues, Homer, Ptolemy, Eratosthenes, and Aristotle Onassis, Fred returned to the department on a full time basis, squashing rumors that no one had

entered his office in the last six years. During the winter, he became a leading candidate for the Faux Pas of the Year award, when he violated all the canons of Orthodox Judaism's Kosher laws by serving ham at a reception for a former advisee. Inexcusable for a man who walks among the Ancients!

EUGENE COTTON MATHER. Contributed chapter on "The Pennyroyal" in Kentucky, A Regional Geography; visiting professor at University of Kentucky in winter of 1973; presented two lectures at Harvard; in Mexico during January, 1974; five weeks in Asia in February-March, 1974, mostly in Kashmir and along the Himalaya border zone of Tibet-Nepal. Research jaunt with Matti Kaups to Norway scheduled in July-August, 1974.

PHILIP W. PORTER. In 1971-73 the Porters were in Tanzania, where I worked for the Bureau of Resource Assessment and Land Use Planning, University of Dar es Salaam. While there I completed two studies: one on potential photosynthesis, in Tanzania, the other, a pilot project on revising the vegetation map of Tanzania. I did field work, in collaboration with the agricultural census, which will result in studies of agricultural vermin, crop calendars, and agricultural practices. Field work for a study of farming systems along a climatic gradient in Tanga Region was also completed. I found time to collaborate with Fred Lukermann on the Geography of Utopia, write an A.A.G. Resource Paper with Tony de Souza on Underdevelopment and Modernization in the Third World, improve my tennis, and write Yi-fu regularly. It is good to be back at Minnesota; and in many ways it is like beginning all over again.

JOHN G. RICE. Kandiyohi County's patron saint continued to scour plat books and frequent cemeteries, trying to find the missing links between yesterday's Swedes and tomorrow's Minnesotans. When confronted with unexplained batches of Germans and Bohemians, he flew off to Sweden, leaving no report for the Newsletter and six TA's in charge of Human Geography for next fall.

JOSEPH E. SCHWARTZBERG. 1973-74 was marked by continued progress on the Historical Atlas of South Asia, which is now very close to completion. (I've said that before, though, haven't I?) The highlight of the year was an all-too-brief trip to Paris to attend the 29th International Congress of Orientalists.

RICHARD H. SKAGGS. I've spent much of this year working and teaching with Cross-Disciplinary Studies in CLA. This has included coordinating a freshman sequence and chairing the committee which is setting up next year's program. My research has concentrated on drought in the United States and on severe hail storms.

RODERICK H. SQUIRES. "The Pollen Pickin' Platinum Plough Recipient for 1973" is alive (usually), well (sometimes), and publishing (rarely-never). Work continues on vegetation sequences and

human interference on vegetation patterns in the Fatherland (England) and the Land of the North Star in between teaching courses in physical geography, land use ecology, and paleogeography. Bitterly disappointed at receiving no mention in "The Geography of Rugby" at the 1973 A.A.G. meeting.

YI-FU TUAN. I spend much time competing with Professor Hart for the distinction of being the profession's most hardnosed editor. We also compete for readership. The Annals strives to be as readable, clean, and useful as Fortune, whereas Anekdotia aspires to the readability of Esquire. You are probably aware that one reason for Esquire's success is that it combines mysticism (provided by the late Aldous Huxley) with sex. Anekdotia is experimenting with the same formula and the result thus far has been encouraging. While we spend nearly all our time in social and economic activities, we know in our hearts that there are only two kinds of intense happiness, the Ichthyosaurian and the Beatific. In a modest way, Anekdotia hints at these two poles.

JOHN W. WEBB. Is on leave this academic year, in London, doing research on non-work activities of European populations.



## PRESENT GRADUATE STUDENTS

**MICHAEL ALBERT.** Born in Greenville, Pennsylvania, Queen City of the Shenango River and world's largest manufacturer of devil's doorknobs. B.S. in geography, Penn State, 1969. Currently completing M.A. Interests include population geography, agricultural history and geography, and Japan. I don't want to give further information and don't care to define geography at this time or place.

**DOROTHY H. ANDERSON.** Since I have averaged a three year stay every place I have lived, hometown could be Stillwater, Oklahoma; Ponca City, Oklahoma; Wichita, Kansas; Huntsville, Alabama; Montevallo, Alabama; Bainbridge, Maryland; Great Lakes, Illinois; and Minneapolis, Minnesota. If I had a choice it would not be any of the above. B.A., geography, University of Minnesota. Currently working toward M.A., University of Minnesota with interest in recreational planning.

**LORINDA ANDERSON.** As the sole fugitive from Berkeley I make periodic attempts to adjust to Minnesota's cold country. Evidence of spring still eludes me, but I have to hope that spring really does exist. I am currently headed towards an M.A. with interests in recreation and park management. Some of my time is devoted to sports with the departmental team, Bos-Wash Megs.... Does that mean we can earn our letters? B.A., University of California at Berkeley.

**THOMAS BAERWALD.** Having been warned about overspecialization in pursuit of my M.A., I sequestered myself as a research assistant in the Center for Comparative Studies rewriting papers dealing with perceptions of transportation, migration in Indiana and Illinois, communications systems in Iowa, small town CBDs in Minnesota, and pro basketball players in Brooklyn, while my wife became an expert on death and taxes. Highlights of the year, my second in Cold Country following high school in Champaign, Illinois and four years at Valparaiso University, included the presentation of papers in Indianapolis and Seattle, bar-hopping in Emmetsburg, Iowa with John Fraser Hart, 20 points and 17 rebounds vs. the Upadni Churls, John Rooney's visit, and five months of trying to mobilize the Brown Day Committee. Oh yes, I prefer my geography with Ketchup and pickles.

**PETER BECK.** After I received a B.A. in anthropology from the University of Minnesota, I left for Jamaica as a Peace Corps Volunteer. Living outside the U.S. was a rewarding experience. Since I returned I have worked in various areas and begun work toward an M.A. in geography. My graduate record demonstrates a lack of focus, which is an accurate reflection of my current state of mind. I plan to complete an M.A. with thesis when I gain some direction. Things are getting somewhat clearer, I think. Geography is a vast subject.

ROBERT BIXBY. I come from the Twin Cities area. After serving 31 months in the Army, including 27 months overseas, I was discharged and subsequently received an A.A. degree from Anoka Ramsey State Junior College and a B.A. degree from the University of Minnesota. I am currently working towards a Master's degree with emphasis on transportation and urban planning. My hobbies are stamp collecting and hockey playing. Geography is the interpretation of events in space.

KENNETH A. BOWRING. Home town: Rock Island, Illinois. Previous degrees: B.A., Augustana College, Rock Island, Illinois in 1971 with majors in Accounting, Business Administration, and Geography. I am in my second year of graduate studies working toward an M.A. with particular emphasis in recreation and physical geography. Within recreation my current interests include wilderness management and environmental perception. Glacial geomorphology and paleoclimatology are my major interests within physical geography.

DAVID L. BROSTROM. Hometown: St. Paul, Minnesota. B.A., Sociology, Macalester College. Working towards an M.A. in geography, with supporting fields in law, forestry, public affairs. Specific interest in environmental management. Currently working for the Minnesota Department of Natural Resources, Division of Waters, Soils, and Minerals as a planner (Minerals section). What is geography?--A subject in school.

GREGORY ELMES. Released on bail and good conduct from Penn State University for two quarters to write a Master's thesis. Doctoral candidate at aforesaid institution having been precipitated into the U.S. of A. by the growing storm in Europe. B.Sc. in Geography from the University of Geordieland (Newcastle upon Tyne) having fled to the "where there's much there's brass" from the gentile south coast resort, Brighton. Essentially a believer in Humboldt, Ritter and Bunge with Gouldian leanings. Current interests, aside from Humbolt, include Orange County, California: essay in transit propaganda, the spreading of the mathematical language and preventing the construction of a new freeway around the outskirts of my home town.

$$G = \frac{F(m_{ij}e_{ij})^\alpha}{I^\beta}$$

where: G = geography  
 $m_{ij}$  = man at place ij  
 $e_{ij}$  = environment at place ij  
 I = intellect index (reciprocal)  
 f = function  
 $\alpha, \beta$  = powers

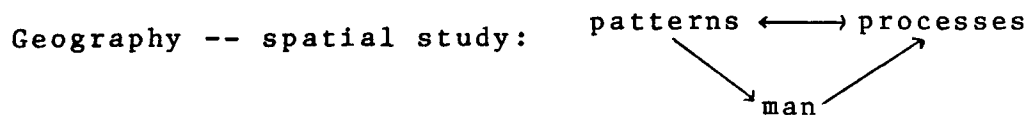
CRAIG FECHNER. My hometown is Minneapolis. I attended Mankato State College from Fall, 1969 to Spring, 1971. From there I finished up my undergraduate work at the University of Minnesota, obtaining a B.A. in Geography in Spring, 1973. I'm seeking a Master's degree, and am interested in urban planning. Geography: Location and spatial distribution.

JAMES D. FITZSIMMONS. An education in the public schools of Alliance, Ohio and a B.A. from Miami University did not prepare me to understand Minnesota's libraries, elevators, or health clinic. I've decided to retreat from these questions and consider policy problems associated with small town management at the metropolis' periphery while working on an M.A.

JACK FLYNN (alias: John Joseph Pile Flynn). Born and nurtured in Cincinnati, Ohio--the home of the Delta Queen, Ivory soap, and the Taft family. An intensive Serbo-Croatian language course during 1965-1966 in Monterey, California sparked my academic undertakings after previous false starts. I received a B.A. with a major in Geography from the University of Cincinnati in 1971. Now in my third year as a graduate student at Minnesota, my academic interests continue to be environmental attitudes, perception, historical geography of North America, history of urbanism, intellectual history, American Indians. When not working, I spend most of my time enjoying life with my roommate and best friend, Deborah Pile.

JOSEPH C. GIBSON. I was born in Minneapolis and have spent most of my life in the Twin Cities area. I received a B.A. in Geography in 1972 and I am currently completing a Master's program. The topic of my thesis is designing and evaluating a land cover classification scheme for the State of Minnesota. I am currently employed as a research assistant evaluating ERTS-1 satellite imagery for land resource investigations. My primary study and occupational interests are in the areas of resource management and environmental planning.

KATHY GILDER. Hometown: Bellevue, Washington (across the lake from Seattle). University of Washington, Seattle: B.A., geography, elementary education. M.A. urban issues, planning. I'm a product of Pacific Ocean breezes (with a hint of Cape Cod and Lake Superior) and Alpine meadows. A sample of my activities include elementary school teaching and local touring with a folk-singing group. Since coming to Minnesota last January, my spouse (a system analyst-Burlington Northern) and I have become avid cross-country skiers in winter and kayakers in summer (accompanied by a multitude of mosquitoes).



LINDA GRABER. Hometown: Evanston, Illinois. Previous degree: B.A. in History and Geography, University of Colorado. Current interests: M.A. emphasizing attitudes toward environment, environmental policy, rural geography. Chairman, Natural Resources Committee, Governor's Commission on Minnesota's Future.

1    2    3    4    5    bingo!

Geography: the sum of earthy cares.

SISTER MARY GRANT. Burlington, Vermont, B.S., Trinity College; M.A., University of Kansas; second year doctoral student on leave from Trinity College faculty; unofficial but loyal attachment to the University of Vermont Geography Department. Interested in the History of Cartography of the post-Revolutionary War period, 1780-1820. Geography is old maps and \_\_\_\_\_.

CHARLES F. GROSS. Closing out my third season in Geography will not be a pleasant experience. I will miss out resident geniuses and my fellow Geography "athletes." Most of all I'll miss having the accessibility to all the knowledgeable faculty and staff in the department. This is truly a place to learn and grow when one wants to attempt it. Once again this year, I am located in the departmental photography laboratory (The Cave) developing and printing films and taking slides. In my spare time this year I have worked on Geography of Sport problems, Celtic land tenure, Scandinavian and Celtic place-name mysteries, and improved my scoring for the Bos-Wash Megs to 18 pts/gm, while covering up on defense for our all-star center, Tom Baerwald. After matriculation at St. Louis Park High, I journeyed into the land of tall corn and girls' basketball for four years of History, Geography, and assorted other social sciences on my way to a B.S.Ed. at Drake University, Des Moines, Iowa. Then home to the University of Minnesota for two years, one month in the British Isles, and then my final year in the department. Next year I hope to be teaching Geography in a secondary school in Minnesota. Geography? It's a dilly!! (in 5 words or less)

JOHN AUSMAN HARRINGTON, JR. Hometown: Rochester, N.Y. Bachelors Degree: Michigan State University, 1972. I am now finishing work on my Master's thesis for completion in time to graduate at the end of summer term. My future plans include the completion of a Ph.D. at Michigan State University and eventually the teaching of geography at the university level. My current interests include climatology, pleistocene ecology, basketball and a little geography if I have time for it.

JIM HATHAWAY. I hail from Excelsior, Minnesota. In 1973 I received a B.A., magna cum laude, in Geography from the University of Minnesota. I am now pursuing an M.A. degree, with a focus on environmental attitudes and cultural-historical geography. My current fascination is the bizarre direction in which our culture is headed. Geography is earthly yet sublime.

JOHN HICKEY. Place of birth: Port Alberni, B.C., Canada. M.A., Geography, U.C.L.A. Degree sought, Ph.D. Current interests: geography among other things. Non-professional concerns: better left unsaid.

BRYAN R. HIGGINS. Born, Quincy, Illinois. B.S. in biology at the University of Minnesota in 1970. I am now working on a Plan B Master's with special interest in land use planning. Two years of in-depth medical research into the EEG response of Rhesus monkeys to snake venoms and related neuro-toxins has lead me to believe that geography is a bowl of cherries.

CATHERINE JOHNSON. Hometown: Stevens Point, Wisconsin. Previous degrees: B.S., University of Wisconsin; M.A., University of Minnesota; now working on Ph.D. Currently working on Soils and Technology, both very enlightening, and on Churches, which are sometimes baffling.

TIM KELLY. I came to the University of Minnesota from Hopkins, Minnesota. I received a B.A. in math and geography, a B.S. in education, and an M.A. in geography at Minnesota. Since the completion of the M.A., I spent 8 months refining my interest in climatology at the Department of Meteorology at the University of Wisconsin, Madison. Prelims come next Fall. It should be interesting.

KI-SUK LEE. Seoul, Korea. B.A. and M.A. from Seoul National University. Currently working on Ph.D. Major concerns include developing a thesis proposal on "The Social Geography of Greater Seoul: Toward Understanding Metropolitanization Processes and Region" and working for the Comparative Metropolitan Atlas Project. Geography is the point of view, emphasis, description, and total understanding.

LINA LIANG YUET FUN. I came to the U.S. four years ago and got my B.A. degree at the University of Oregon in Eugene in June, 1973. My undergraduate major was Geography. I am now working for my M.A. degree. I come from Hong Kong. My major interest is a regional study of East Asia with special interest in land tenure and internal migration in China. When I am asked to say what Geography is in 5 words, I can only say it is a spatial science.

PAUL D. MEARTZ. 00100 PRINT I hail from Neenah, Wisconsin which is also known for Kleenex and manhole covers. My B.A. is from that outpost of civilization the University of Wisconsin at Madison. Here on the frontier I am working for my M.A. 00200 PRINT My current interests are political and communications geography. Within these I concentrate on global strategies, voting behavior, civil disorders, radio, and television. My thesis will examine student demonstrations and the local environments in which they take place. 00300 PRINT Asking anyone from Wisconsin to answer a philosophical question like "What is Geography?" in five words or less is like eating one potato chip. It is an explanation of events concentrating on the spatial aspects of the "environment" and "theater." Space = (Environment) - (non-spatial features - theater dimensions); where Environment = space + non-spatial features, and theater = all.

KATHLEEN M. MOLNAR. Colts Neck, New Jersey; B.A. Syracuse; M.A. Kent State. Have spent the last quarter trying to accomplish the impossible--prelims, thesis, a monograph for the AAG Urban Goals Project, and a paper for Seattle, not to mention planning for a May wedding (sorry, guys). Sorry to leave Minnesota but will keep in touch.

GORDON L. MYERS. I am from Cottage Grove, Minnesota and attended high school in St. Paul Park. I spent two years at Wisconsin State, River Falls prior to four years in the U.S. Navy which included a 15-month tour in Morocco and two years in Italy. After a year of travel in South Asia and Australia I returned to Minnesota and the University of Minnesota to obtain a B.A. in Geography and Middle Eastern Studies. I am currently working on an M.A. with my primary interest being the Islamic world. What is Geography? Analyzing phenomena in spatial context.

SONIA N. MYKLETUN. Hometown: Nairobi, Kenya. Previous degrees: B.A. (geography), Macalester College, St. Paul, Minnesota. Now working towards a Master's degree, with hopes of going into planning in Oslo, Norway. Interests: travelling and meeting people.

PAUL NORDELL. Hometown: southwestern Minnesota tall-grass prairie community of Worthington. Degrees received: A.A. from Worthington State Junior College; B.A. from Bethel College, St. Paul. Plan B Master's program begun September, 1972. I am currently interested in human interactions with natural environments (historical vegetation studies). My current environmental interactions have given my wife Mary and me an Anoka Sand Plain apartment overgrown with house plants and prowled by a herbivorous cat named Koschka. What is geography?--man and nature's spatial interaction.

JULIA BROWN NUTTER. Formerly from Utica, Minnesota; now from St. Paul; working on Master's degree in Geography (Plan A); have Bachelor degrees in Geography and Sociology from Macalester College in St. Paul; interested in geographic aspects of urban crime, social deviancy, housing, urban residential neighborhoods, environmental and traditional land use planning, quantitative analysis.

$$\text{Geography} = f \left( \frac{\text{man} + \text{land}}{\text{space} + \text{time}} \right)$$

SI YOUNG PARK. I am originally from Seoul, Korea. I have completed the Master's program from the University of Minnesota and presently am working towards the Ph.D. My current interest is the rural periodic markets and the extension of urban system.

DEBORAH R. F. PILE. My "hometown" is in a small village on top of a wooded hill (that is hill by Pennsylvania standards--it would be as a mountain in Minnesota) twenty miles northwest of Pittsburgh, Pennsylvania along the Ohio River; i.e., five miles southeast of Aliquippa. For mostly monetary reasons (not knowing at the time that I would find the true light--"Knowledge"--in geography) I entered the Pennsylvania State University in the fall of 1966 and graduated, after a brief two and one half year vacation, in 1972 with a B.S. in Geography from the College of Earth and Mineral Science. Currently, I am working on an M.A. in geography, specializing in hydrology.

MARIE POPP. A native of Frohna, Missouri, Marie came to Minnesota after four years of seasoning at their minor league club in Valparaiso, Indiana. Arriving with mathematics B.S. in hand she was placed under a strict training program by coach Dick Skaggs. Within a year she cracked the starting line-up and is now considered one of the foremost second-year climatologists in the League. Marie expects to receive an M.A. this spring but her future is uncertain as she plans on taking her next year's contract to arbitration. Geography: The up-in-the-air yet down-to-earth discipline.

WIWAL RYBAK. Having been indoctrinated into the sinful ways of 42nd street, it took a "semi-puritanical" SUNY at Plattsburgh to mend my ways and see the geographical light. The light has been oscillating since my arrival at the University of Minnesota in the fall of 1973. Being a member of the Bos-Wash Megs Co-Ed football team contributed to the retilting of my angelic halo. My position on the team, left safety, was ambivalent; I wasn't sure whether to break up an intended pass from the opponent or break up Paul's passes towards the "weaker" sex of the opponent's team. My interests are geographical!

DAN SAPLIS. I grew upon the Far South Side of Chicago. Attending Augustana College in Rock Island, Illinois, I majored in Geography and Economics and received a B.A. Presently I am a first year graduate student with academic interests in urban problems, the economic base of cities, and locational analysis. Another of my interests is sports, of which I seriously play badminton and participate as an irregular on various Bos-Wash Meg's teams. Finally, as a geography student, geography is what I study.

MYONGSUP SHIN. Home in Seoul, Korea. B.A. degree in English received from Yonsei University and M.A. in American Studies from University of Hawaii. Currently in doctoral program with inclinations for environmental perception; focus on the dry lands of Hawaii. No comments on "geography."

BONNIE SKELTON. Home has been Minneapolis for the last 12 years. I've a B.S. in Biology and I'm working toward a Ph.D. in Biogeography. Previous research experience in Economic Botany and Scanning Electron Microscopy. Current interests are: the impact of urban particulates on plant tissues, cross-country skiing, snowshoeing, back packing, bicycling, and--a sand farm in North Central Minnesota! Geography is eydemonistically oriented.

JOHN M. SMILEY. Hometown: Euclid, Ohio. B.A., Valpo (Valparaiso University for short) 1973. Presently pursuing M.A. degree with a Cultural focus and specific interests in Rural America and England. Before arriving at Minnesota my view of Geography was so bizarre it could not be duplicated within two millenia. While the weather here has been weathering, I have been corrupted from the effects of life's salted peanuts

(Abler, Hart, Lukermann and Tuan--in that order). Academic endeavors include research into Postal Economics, Rural America, and Iowa towns. Keeping out of mischief, I spend my remaining time homesteading in northern Iowa, seminaring with J. F. Hart, flip-turning in the pool, transcending in Tuan's office, and tracking down Old Cheltonians. Because of my weakening eyesight, from scanning ERTS images as a Dwight Brown cohort and various archival diggings into Postal records, I too may soon be toting a magnifying glass. Geography?--Alice's Adventures in Wonderland.

RAYMOND G. (CHUCK) SOBIECK. Hometown: Little Falls, Minnesota. Degree: B.A., St. Cloud State. Major: Geography. Minors: Economics and Marketing. I also attended Michigan State for one year. I am now working on an M.A. in Geography with minors in Public Affairs and Ag and Applied Economics. My interests are in Urban Planning and Environment Problems. I also have a keen interest in energy. As of last November, I have been working on the Minnesota Energy Project under Dr. Dean Abrahamson. This study is to determine Minnesota's energy sources, distribution, final consumption, projections, and technology related problems, etc. Geography is all that encompasses a non-space relationship.

KAREN M. SOLHEIM. Hometown: Moose Lake, Minnesota. B.S. in geography, University of Minnesota, Duluth. I am presently completing my M.A. degree specializing in urban geography (especially housing problems). Non-academic interests include following the Gophers (Go! Gopher victory! Minnesota, Go!) and the Bos-Wash Megs, where scoring the season's first touchdown gave me the nickname Scooter.

WILLIAM E. SPERBECK. Hometown: Madison, Wisconsin. Degrees: B.A., University of Wisconsin, Madison, 1970; M.S., University of Wisconsin, Madison, 1972. Current degree sought: Ph.D., University of Minnesota. My academic interests are: urban movement decisions (residential change, shopping motivated travel); choice and preference decision-making "theory"; measurement problems of scaling subjective distance and attitudes on location choices.

PAMELA G. STREED (nee RUSCH). Currently researching an M.A. thesis on the development of a land use classification system for Minnesota through the Minnesota Land Management Information System Study. Received B.A. cum laude with majors in Spanish and Geography from the University of Minnesota, Minneapolis, in 1972. Hometown of Richfield, Minnesota. What is Geography? The world, et al.

MICHAEL A. TRDAN. My hometown is Minneapolis, Minnesota and I obtained my B.A. from the University of Minnesota in 1969. My undergraduate degree was in History but I am now working toward an M.A. in Geography. Current events, politics, and most aspects of environmental alterations have a great deal of interest for me. Of particular interest is the energy shortage or "problem". In approximately five words, Geography is spatial location and interaction.



DALE TRIPPLER. Ascending sun in Mound, Minnesota; Septenary interim at St. Cloud (B.A.) and University of Minnesota (B.A.); Sequent metier in hydrology and oenology. Answer: the study of great wines.

SU-CHANG WANG. My hometown is Taipei. I obtained my B.S. from National Taiwan University and M.A. from this department. My current interest is residents' perception of the quality of their surroundings. My definition of geography is the study of places.

IVOR WINTON. I'm not sure I believe in hometowns. Previous labours: M.A. (Glasgow); M.A., perennially in the offing (British Columbia). Present pursuit: Ph.D. Some interests: the ancient world, religion, intoxicants . . . Chief pastime: vilifying the Social Science Tower elevators.

RICHARD WOLNIEWICZ. Hometown: Chicago; B.S., 1964, USAF Academy; M.A., 1970, Indiana University. After having passed Ph.D. prelims in February, I am busy tracing Poles in the Twin Cities. Did you know that there are in the metro area about 22,000 Poles, 1,220,000 telephone poles, 2,200 flag poles, and 22 barber poles? In December I will join the rush to the Rockies and already have my "Pikes Peak or Bust" sign ready. To Branko, who wrote in that strange foreign tongue last year--  
Może w tym roku, razem będziemy powiedzieli - na zdrowie.  
Geography is fun.

AMY W. WONG (LIU). Coming from the British colony Hong Kong, my family immigrated to the United States in 1968. I entered the California State University, Northridge and obtained in 1972 a B.A. degree in Geography with honors. Currently I am pursuing my M.A. degree with primary interests in cultural/historical Geography, especially that of the Chinese in the United States. The biggest change in my life came in September, 1973 when I got married. Now I am one of the many Wong families in Minnesota!

## ALUMNI

REYNALDO AYALA. 1973 was a good year. In the spring travelled for the first time deep into the interior of Baja California. The summer study tour of Mexico was a success. Had an opportunity to take in some lectures "Science and Man in the Americas." For August the entire family (except Cuauhtemoc who visited Norway with his Minnesota grandmother) visited Saltillo and Parras. The situation there has not changed. Continue with projects from previous years.

NANCY REMUS BAIN. I passed my final oral on 22 May 1973. By then I was involved in a more personal fertility problem. Daniel was born early on 12 October 1973. The remainder of my time in Fall Quarter 1973 at Ohio University was divided between teaching classes and feeding Daniel. Now I must exert efforts to collect enough "coup" to get tenure.

FRANK BARRETT. The two most important academic events this past year were: (1) receiving my Ph.D. from Michigan State University; (2) publishing my first book, Residential Search Behavior. I also presented a paper at the East Lakes Division Meeting of the A.A.G. in Pittsburgh. On the home front, (1) we camped in the province of Quebec last summer, (2) tried valiantly to maintain sanity and financial balance while our four children scurried to hockey practice, piano lessons, Cubs (junior Boy Scouts), trumpet lessons, band practices, paper routes, and on, ad infinitum. Fortunately, Kathleen's still cheery disposition keeps us a functioning whole. Maybe this summer we'll be able to make our first return visit to the Twin Cities since graduate days.

ROBERT W. BASTIAN. During the past year jubilation has exceeded frustration. Promotion to the rank of associate professor and acceptance of a manuscript by The Geographical Review have generated a very positive outlook. My wife, Sharon, is now gathering data for an M.S. thesis in Medical Technology. She expects to return to routine or instructional laboratory work in the near future. Our sons Robert (12), Maurice (11), and Walter (5) are progressing in a manner pleasing to us as typical parents. Last summer they traveled with us to Minnesota, Louisiana, and the Jersey shore.

SANFORD BEDERMAN. The Bedermans have not been good Southerners. We hope to qualify this summer by making our first pilgrimage to Charleston and Savannah. The past year has gone much too fast, with the major accomplishment being the completion of the Third Edition of the Africa bibliography. Jolayne and David (who is almost 13 now) are thriving, and Nefertiti, our 14 year old Burmese cat, still enjoys life. The normal frustrations persist, but living in Georgia with Lester Maddox rather accentuates them. I send my fondest regards to all my old friends.

ROLAND BERGMAN. After leaving Minnesota I served a six indenture at Wisconsin under a good but exacting master, one William M. Denevan. Bondage ended, I have found work at a small state college in West Virginia and am enjoying reading books and giving lectures. Over the last several years Barbara and I have cracked up a motorcycle in Yugoslavia, produced a son named Wolfgang Karl, and held out for a year among Indians in the Amazon Jungle.

SURINDER M. BHARDWAJ. Vinay and I often remember the friends and colleagues we have had the pleasure of meeting while at the University of Minnesota. We extend our best wishes again. A good news is that my Hindu Places of Pilgrimage in India finally came off the University of California Press. The bad news is that I have been elected chairman for our department. We visited India last summer and did some fieldwork for a possible monograph on medical geography.

ANDREW BURGHARDT. June I spent in Budapest, one of the best bargains anywhere: beautiful, cultural, inexpensive, and relatively free of that psychological gray pall which hangs over Eastern Europe. In October I ran a conference on E. European planning regions and have since been busy editing the papers for publication. Logistics is my concern now: how best to transplant a family of 7 into Europe next year. My original plan was to be in Hungary September, 1974-January, 1975, and then to move across the határ into Austria. However, the Hungarian Government has decided not to accept my proposal, and it looks now as if we'll stay home until Christmas and then go to Austria. One can't buck either God or a Habsburg trained-Socialist run bureaucracy! I was elected to the national executive of the Canadian Association of Geographers, which assures me of free trips to Montreal in mid-winter. Life continues on with a steady diet of classes, committee meetings, music, and "Right-to-Life."

DOUG CARUSO. This year finds the Carusos on the move again, this time to Windsor, Ontario as a research planner. After one and one half years of hassle with the U.S. Government over visas, we decided to return to Canada. Admittedly, this required giving up the bucolic splendors of State College, Pa., however, we comfort ourselves with socialized medicine and the "baby bonus." Basically, the work involves updating an official plan and defending each part of it before planning boards, councils, and provincial committees. My own research in progress includes a monograph on the real estate market in Minneapolis and suburbs (with Risa Palm, which see), an introductory survey of the principles of planning and a commitment to a book on urban social geography (Palm, op. cit.). Anita is taking courses towards her Master's degree in Business at the University of Windsor, in between the hectic pace of looking after Jennifer. Southwestern Ontario obeys few geographic laws and there seems little to apply, save a few scraps of central place theory and, if you push it, some "sectors" of residential growth. Apparently, city growth does not proceed geometrically rationally after all, but at the whim of the

sewers department and public works. Sewers, not distance decay, determine the affairs of man . . . . Unfortunately, planners do not speak academese but a pidgin tongue composed of legalese and English. Thus "central place" becomes the "subject nodal site" and "spatial interaction" become PTTCP (peak time circulation pattern). One catches on quickly.

WILL CRAIG. Many things have changed, but many have remained the same in these past years. I'm still at the University--now as the assistant director of the Center for Urban and Regional Affairs under Borchert. We've bought and are refurbishing a house in Kenwood. Ginny will have delivered our first child by the time of the Brown dinner. I finally received my M.A. last spring and have been thinking about whether I should try the real world or stay in the Ivory Tower for the next degree. But ongoing projects like the Land Use Study keep me interested and busy at the present. I've particularly been putting a great deal of time and effort into the Wounded Knee defense effort attempting to develop sophisticated methodologies for selecting sympathetic jurors.

BILL DANDO. It has been some time since I last visited the University of Minnesota and some time since I talked with graduate school friends and colleagues. Being out of the country for almost one and one-half years out of the last three, living on a state farm in Romania and visiting the USSR three times, has restricted my contacts with "home." But as I conclude my term as Chairman of the MAD/AAG, I look back to Minnesota and to those who served their discipline and ponder on the prospect of geography elsewhere. Had others received training similar to ours would geography departments be reducing their graduate programs or eliminating faculty positions? Think about this my friends and if you are in the Washington area visit me at the University of Maryland.

AVI DEGANI. Little of an academic nature can I report from Tel Aviv this year. The eve of last October 10 found me stationed on the Suez Canal where I experienced the most horrible fighting I ever knew (in three wars). Thanks to a touch of luck--and after some 90 days of service--I'm back home now. I am trying very hard to "put the isopleth again in its place" but find it formidably difficult to remember why was it all ever so important. Yet, after all, "tomorrow is another day" and next year I hope to report the exact probability (at confidence level 99.73) for your car being stolen at coordinates 140.8/153.2 at downtown Tel Aviv, and provide an explanation for the elusive distance decay function in people's spatial awareness of their environment in southern Israel--interrupted research projects.

SAMUEL N. DICKEN. Was employed last summer and fall by the Oregon State Parks Department to prepare a detailed plan for the Oregon Coast Trail. He is currently engaged in writing an essay to be published by the Oregon Bi-Centennial Committee. The title: Oregon Geography Before Settlement. This involves, among other things, the description of the extensive prairies which were the

result of widespread Indian burning. He is also acting as a consultant concerning erosion problems on the Oregon Coast. Recent travels included a freighter trip to Japan, Hong Kong, Manila, and Taiwan, also a winter vacation in Florida with Minnesota friends, stopping off to see the Kniffens in Baton Rouge. Altogether a peaceful, healthy, and contented retirement, so far. P.S. The U of O Geography Department turned out its 35th Ph.D. a few days ago. What's the score at the U of M?

WILLIAM EMERSON. Should have been a truck driver: since January, 1969 I've driven the Paris-Moscow-Black Sea-Paris triangle, commuted one year between New Jersey and Massachusetts, passed through both Halifax, N.S. and Victoria, B.C., and trucked thrice across the country during the last year and a half in my self-built pickup camper. Almost set roots in Vermont where I built a house by myself, but made the great transition to the West Coast for some ski-bumming in Oregon and carpentry in Nevada and California. Fortunately found "my place in the sun" (never any snow, either) here in San Francisco before the gas ran out. Now reviving my Clark University A.B.D. and dabbling in real estate and environmental planning. Address: 432 Vallejo Street, San Francisco, CA 94133.

RICK FRANCAVIGLIA. Antioch's transition into the 1970's has been painful--probably because of our strong liberal commitment and radicalized political structure. We survived last year's "strike," however, and are creating a new educational environment with an exciting environmental studies component. I still enjoy this place immensely; it offers unparalleled academic freedom, lots of mobility and excellent students. Current projects: halting the Army Corps of Engineers dam construction at Caesar Creek; appointed railroad geographer for the Ohio Association of Rail Passengers; just finished a walking tour of Xenia's CBD; finished an article, "Main Street Revisited" for Places; and am doing consulting and design work on small towns. Best wishes to Minnesotans, and alumni, from Ohio.

RONALD W. GARRETT. M.A. (University of Minnesota, 1966); I have finished the course work and most of the dissertation planning and research for the Ph.D. degree at the University of Wisconsin, Milwaukee; the German requirement is passed; the Spanish requirement is causing extreme frustration. I am currently teaching at the University of Minnesota, Duluth, and am looking for a college or junior college position for next fall. If anyone knows of an opening for a cultural geographer who has had nine years of enjoyable experience with introductory courses as well as a variety of upper level courses such as settlement, historical, and agricultural geography, field techniques, Latin and Anglo-American regional courses, please write to me at UMD.

REX HONEY. We left California to the Palms, Outwaters and other less hearty types. I joined the faculty at the University of Iowa in January, and we were greeted by 20-below temperatures within a week. Invigorating! (Painful! Actually it was the

Hawkeye football program which attracted us.) I am continuing research on the political organization of space of European and American cities. Urban analysis abounds on the isotropic plain (plane), spurred on by fluctuations in commodities prices and the latest in herbicides. Meanwhile Neil Salisbury tells me the TRUTH about Minnesota. (Say it ain't so, Fred!) Onward George Apple soldiers!

GARY HOVINEN. I am now teaching at Millersville (Pa.) State College, in the heart of the Pennsylvania Dutch country, after having spent two years at Middlebury College in Vermont. In June I will be married to a graduate of Middlebury College, Betsy Leppman, who is currently working on her M.A. in Geography at York University in Toronto.

ANNEMARIE E. KRAUSE. In August of 1973 our Golden Anniversary class of Western Michigan University saluted (via tape) Miss Lucia Harrison, our Geography teacher, on the day of her 98th birthday. Teaching an occasional geography course at Andrews University keeps me from rusting.

WARREN D. KRESS. Professor of Geography at North Dakota State University in Fargo. Teaching and research emphasize North America (including Mexico) and particularly the Upper Midwest, Settlement Geography, Political Geography, and Norden. As might be expected, these regional and topical emphases are much more interrelated than separated. An introductory course also serves as general review each year. Burton Hall and Ford Hall experience continues to provide good background for coping with the varied problems of academia. Besides travel in the Upper Midwest during the past year, I was able to spend a short time in February in Helsinki and Stockholm; thereby realizing a long-held ambition to visit Norden during the winter (very mild weather, actually).

DAVID A. LANEGRAN. I am still enjoying life at Macalester while I continue my education.

BRUCE LA ROSE. Another red-headed geographer, Danielle Céline, born 8 February 1974. Thus, another assistant to help in preparing my dissertation is now available. In preparation for the impending birth, my wife and I carried on extensive beach geomorphology in Bermuda last summer. Academically, presented paper on urbanization in the ante bellum South, at York (HUNAC) and an introductory analysis of spatial organization of horse racing was given at AAG regional meeting. Acted as program chairman for Eastern Historical Geographers Association meeting held at Briarcliff in April. Appointed Director of Continuing Education at Briarcliff. In January offered a credit course on Wines. In my spare time I cuss a lot.

RALPH E. LEWIS. Assistant Professor, University of North Dakota. All is well here. If anyone is interested in a departmental field trip of two or three days before or after the Seattle meetings let me know. Perhaps those in the department would like to organize such an excursion.

JAMESON C. H. LIN. I am full professor in the department of Geography at National Taiwan Normal University now. After nine month's stay in Minneapolis I took a trip through Europe and Asia with my wife in 1972. I finished a Chinese translation of A Geography of Man, which was published by National Science Committee last year. I finished a paper of the study of market system of the Taipei city and am preparing a study of the population distribution of the same city. My elder and second daughters plan to study in the University of Minnesota, but I don't know may they get the admission or not. Last, with kindest regards to all of you.

WILLIAM G. LOY. Greetings again from Oregon! The land is spongy, gasoline is rare, but there are darn few bottles or cans littering our ditches. This has been my sabbatical year which I've spent working full-time on the Atlas of Oregon. On a compilation budget of about one hundred thousand dollars we're trying to compile an atlas similar to the Atlas of Saskatchewan. It is to be published in the summer of 1976. Esther, Ellen (6), and David (5) are fine.

BOB LUCAS. The newsletter deadline slipped past last year or two, so this note covers the recent past in a general way. Our family continues to enjoy the northern Rockies immensely (although, if any of you Twin Citians have any influence with Hoerner-Waldorf Paper Co. in St. Paul, please ask them to clean up their putrid paper mill in Missoula before they proceed with their announced expansion). I am still a research project leader for the U.S. Forest Service, but I also taught a University course last spring, the first such regular classroom work since Minnesota, and taught short courses to Wilderness land managers in Tucson, Seattle, Ogden, and Missoula. I got involved in two national-level forest service policy reviews; one on wilderness, one on public involvement in decision-making. My research has broadened from a focus on survey research on wilderness visitors, to include field experiments to modify use distributions, and a computer simulation model of visitor flows and encounters. We've had visits in Missoula from some Minnesota geographers--George Orning, Yi-fu Tuan, Ward Barrett, Ev Smith, Bill Loy, Neil Gustafson, and, of course, John Crowley is chairman of Geography at the University of Montana. Grace and I plan to be back for Ralph Brown Day, 1974, so we'll see many of you again, we hope.

JOHN U. MARSHALL. Since the last Newsletter we've celebrated our tenth wedding anniversary and the arrival of a sister, Fiona, for John, now almost five. We are all thriving. I have just begun a term as Editor of The Canadian Geographer, and hope to be able to maintain the high standards set by my predecessors. York University has the same money problems as everywhere else, but we're keeping our heads above water. I'll be on leave next year, and plan to complete several papers which have been in the works for up to three years. My most recent publication is "Models in Human Geography," chapter eight of Practical Geography: Strategies for Study, edited by J. N. Jackson and J. Forrester (Toronto: McGraw-Hill-Ryerson, 1974). Incidentally,

does anyone care to place a bet on how long the peripatetic Harry Swain (g.v?) will stay put in his new rule-the-world post at Schloss Laxenburg?

PAUL W. MAUSEL, Associate Professor of Geography. During the past two years I have been associated part time with the Laboratory for Applications of Remote Sensing (LARS) at Purdue University. This association has led to the publication or acceptance for publication of articles in journals such as The Professional Geographer, Proceedings of the Association of American Geographers, and The Journal of Environmental Quality. The Department of Geography and Geology (in conjunction with the Departments of Physics and Urban-Regional Planning) at Indiana State University will be the first university recipient of a remote sensing terminal of LARS starting September 1974. I will be director of the ISU/LARS facility which will stress initially land use analysis through the use of multispectral data (especially from ERTS) machine processed. I also am looking forward to working for the Department of Agronomy at the University of Missouri (Columbia) as a visiting Associate Professor for two months during the summer. My duties there primarily will be related to developing soils data suitable for urban land use planning purposes. The whole family should enjoy this change of scene for two months.

BRIAN MURTON. Failure to respond in one year obviously doesn't eliminate a name from the newsletter list! Life, including teaching and a snowballing amount of research, continues to be hectic in the Sandwich Islands. Welcome calms on the horizon are a summer in Winnipeg, I.G.U Regional meetings in New Zealand, and sabbatical-leave-of-absence in India, Australia, and New Zealand.

JAMES L. NEWMAN. I'm still at Syracuse, where the main event of the year has been an attempt at restructuring the graduate program. Last summer was spent in East Asia running a research-travel seminar for 26 students. That has to be listed as a frustration! "My room isn't warm enough." "I don't like the potatoes." "The bus is too bumpy." These are the typical remarks not of kids, but of "adults" from 20-55. Greg Knight and I hopefully will have the Contemporary Africa book to the publisher by June. That's a hope, as is the funding of a research project on dietary change in Africa. Carole continues to raise Abyssinian cats and has begun work with the Humane Association. Peace to all.

LEE A. OPHEIM. Lee is still out on the frontier, battering down the barriers of ignorance. For the past five years he has been an assistant professor in geography and history at South Dakota State University, located in Brookings. After nine years on the geography faculty at Saint Louis University, he attended the Air Command and Staff College in Montgomery, Alabama. He still hopes to earn that star, but is presently only a lieutenant colonel. After a long labor of love, Lee finally completed his dissertation and received his Ph.D. from



Saint Louis University in September, 1971. His topic, Twentieth Century Shipwrecks in Lake Superior, gave him the opportunity to collate all of his good sea stories. Lee still hopes to make millions in the ship salvaging business. This summer he will be in action on his ship the Madeira, off Split Rock Lighthouse.

RISA PALM. Am teaching a series of courses in urban-social geography at Berkeley, and attempting to juggle a few other research and committee commitments. Gary has just completed the California Bar Exam--and is waiting for results. Travel plans include a few months for me at the University of Canterbury in Christchurch, New Zealand for this summer, as well as a trip "back east" (to the City of Lakes) to see friends and family in the spring.

CHIP PETERSON. Rosa and I have spent the last year doing field work for my dissertation on squatter settlements and urban expansion of middle-size cities in Colombia. We were almost a full year in Valledupar, Colombia's fastest growing city, where in addition to our questionnaire work we delved into local archives to study the history of urban land speculation and of municipal land policies. What emerged was a fascinating picture of political management by a few old families who control most of the urban as well as rural land. We are now completing work in Pereira and plan about three months in our third city, Pasto, before a mid-summer return to Minnesota for writing.

ROGER PRESTWICH. Very little has changed since this time last year, except that we now have a minority government over here. Inflation is still very much with us, and as a result things go on in their usual muddling fashion. Geography at Cambridge College of Arts and Technology continues to thrive, with yet another addition to the staff last October, bringing our total complement up to thirteen, and a consequent increase in staff specialisation. I now lecture solely to second and third year undergraduates in economic geography, North America, and comparative area studies in the "western World." Research proceeds slowly, mainly during vacations--house, garden, car and son permitting--and the results of last year's labours should appear in I.B.G.'s Transactions later this year. On the domestic front, Ludmilla has her hands full with Andrew Thomas, and frequently chafes at the frustrations of being an unliberated housewife and mother. We may all be in for a change, however, if a visiting professorship in California comes through for the next academic year, in which case we will be back in Minnesota again visiting with friends and relations.

K.E. ROSING. Erasmus University, Rotterdam, Postbox 1738, Rotterdam, Netherlands. Currently working on a book about Agricultural Development in India and beginning a major study of Rotterdam on 100 X 100 metre grid cells. The energy crisis with gas rationing is a bit of trouble, but still managed to visit Scandinavia, France, and Spain. Expect to be going back to India for some months next year as a visiting Professor at Pantnagar. Nothing much to report--except French wines cost

about \$1.00 per liter, Scotch about \$3.50 and Bourbon about \$4.00, cigarettes are 40¢ for 25 and beer is 25¢ for 1/2 litre. So visit the land of good living! I have a couple of spare beds and guests are welcome!

A.H. SAHIR. Current work: using the shovel now and then. Travel: in July, made the pilgrimage to Minnesota to attend the last rites and in August explored Newfoundland and discovered Screech. Family: still a believer in the planned parenthood. Plans: they were a complete failure. Frustrations: whose? Jubilations: would be many if any of you visit this part of the Cowboy Complex region.

ROGER MARK SELYA. Veni vidi vici . . . so, this summer Barb, our little daughter Rena, our cats, musical instruments, etc., and I will be coming back to the States. Plan to be in Seattle for meetings and look forward to seeing as many of the old Minnesota gang as possible.

MERLE SHERMAN. In August, 1972 I became Professor Emeritus and began my retirement after ten years of teaching geography at the University of North Alabama. Now I am located at Wadena, Minnesota and like many people who retire, I seem to be perpetually busy and accomplish little. People are interested in my visit to the Soviet Union while I would rather talk about South America. I am planning to visit Mexico in April and be in Seattle for the national meeting. I was disappointed that I was unable to attend either the meeting of the West Lakes Geographers at Eau Claire in October or the Southeastern Division at Boone, North Carolina in November where I was honored by election to an Honorary Life Membership in the organization.

DIXON SMITH. The growth of population in Colorado and particularly the Denver area has had an impact on Metropolitan State College and our department. We have had substantial increases in enrollment and hope to add another faculty member next year. I am serving as department chairman this year and devoting most of my time to the development of a new major in geography with a land use emphasis. We are also working on several self-paced courses, internships and cooperative education (work-study). Would like to hear from anyone involved in similar endeavors. All is well with the family.

FREDRIC R. STEINHAUSER. Professor of Social Science, General College, University of Minnesota. B.S. Mankato State, 1949; M.A. University of Chicago, 1951; Ph.D. University of Minnesota, 1960. Since 1957, I have been the geographer in the General College, the two-year University program. This has involved teaching two sections (100 students each) of a 5-credit general geography course. About 10,000 students have taken the program. I use a study guide of 200 pages as the basis for the course. New readings and other changes are made each year. The General College has added recently a four-year program. For this new program, I have prepared an urban geography course, based mainly

upon the Twin Cities, and a course about Minnesota's resources. I have been involved also in writing and teaching three Correspondence Courses: Geography of Minnesota, United States and Canada, and South America. Over the past fifteen years, part of my time has been devoted to volunteer citizen community organizations. I have participated in a number of community studies and action programs. I presented a paper concerned with teaching geography in the two-year college curriculum, for the NCGE meetings. I will be on a single-quarter leave this fall to prepare teaching materials about Minnesota's resources. If you have suggestions about materials you could use, contact me.

HARRY SWAIN. Julie and I have moved again, this time to Austria. I'm on leave from the Canadian government for 1974 and 1975 as leader of the urban research program at the International Institute for Applied Systems Analysis, a new East-West think tank. The urban work will concentrate on national settlement strategies and urban policies, and on the design of resource-lean, ecologically resilient urban fabric. Should be fun, especially as the Austrian government threw in a magnificent 18th century Hapsburg summer palace and 600 acres of Capability Brown parkland as a place to work. Minnesota geographers travelling this way will be welcome at Kaiser Franz Josef Ring 9, A-2500 Baden.

PHIL TIDEMAN. Spent fall quarter teaching in Denmark and getting in a bit of travel in rural Scandinavia. Of special interest was northern Norway agriculture in area from Trondheim to Tromso. Recently visited the Canadian Plains Area Studies Center at University of Saskatchewan, Regina, where I gave a guest lecture. Tribulations currently relate to educational red tape and also to a few persistent problems which remain troublesome for St. Cloud Planning Commission of which I am a member.

INGOLF VOGELER. In my last year at St. Cloud State College the geography faculty, and especially Tom Dockendorff, have allowed me to pass another delightful year as a practicing geographer--no mean trick in a period of Nixeeconomics. Teaching undergraduates, trying to get papers published, and writing letters for job applications have all added spice (ginger or pepper?) to being a young rural geographer in 1974.

I-SHOU WANG. For some unknown reasons, I was appointed to the Committee on Chinese Geography of the AAG. Last July I was invited to teach summer school at the University of Idaho. In September, I went back to Taiwan for three weeks to take care of some family business and also to collect data on the growth of metropolitan Taipei. This academic year my teaching includes urban geography, Asia, and cartography. I plan to attend the AAG meeting in Seattle. Our daughter Lisa has entered the first grade and David has kindly agreed to go to nursery school. Driving the children to and from school and tending our flower,

vegetable and weed garden, have kept my wife Lun busy. Taking all into consideration, the Wangs have had a "not too bad" year!

VERNE E. WINQUIST. Still planning for Oahu's development and absorbing solar energy on weekends.