Home Ec Future *Bright*

By Ethel M. Thompson
School of Home Economics

Food & Nutrition Graduates Needed

A student in Home Economics at the University of Arizona majoring in Food and Nutrition can look forward to a bright future. Opportunities for placement at graduation are now far greater than the number of graduates available, and salaries are good.

Interesting Careers Await You

You may become a nutritionist with public health agencies and commercial food companies, food editor with newspapers and magazines, dietitian in hospitals and clinics, food production manager in hotels and restaurants, teacher in colleges and universities, or research worker in experimental laboratories in universities, commercial companies, and large industry.

Home Economics courses cover the whys and hows of producing, buying and conserving good food, of combining it into attractive meals for all ages in health and in illness. Methods are taught for storing and handling foods and operating equipment.

Courses in marketing, experimental, and large-quantity cooking are part of the training. Courses which provide the basic understanding of food nutrients, their uses in the body and amounts needed, are those in nutrition, physiology, bacteriology, and chemistry.

From College to a Salary

After graduation from college you may enter the food field as an assistant either in commercial or hospital work. After three years working under the supervision of a member of the American Dietetic Association you are qualified to become a member of that association and thereby become an accredited dietitian.

However, advancement is more rapid if you qualify by going on to a year of internship in hospital or clinic. There are 67 institutions throughout the country offering such courses. They are approved for high standards by the national association. If the internship is affiliated with a college or university it contributes substantially toward an advanced degree.

Internships are offered by private hospitals, the U.S. Army, Navy, Air Force, Public Health Service, and Veteran's Administration. The Army commissions its graduates as second lieutenant in the Women's Medical Specialist Corps, and after years of experience — as Colonel. As commissioned officers in the U.S. Air Force Medical Service, they are assigned to military hospitals either in this country or overseas.

Many Choices

In the U. S. Public Health Service, choice may be made between being a commissioned officer or a civil service employee. The U.S. Navy commissions its graduates with the rank of Ensign. Dietitians in the Veteran's Administration Hospitals enter through the U.S. Civil Service Commission.

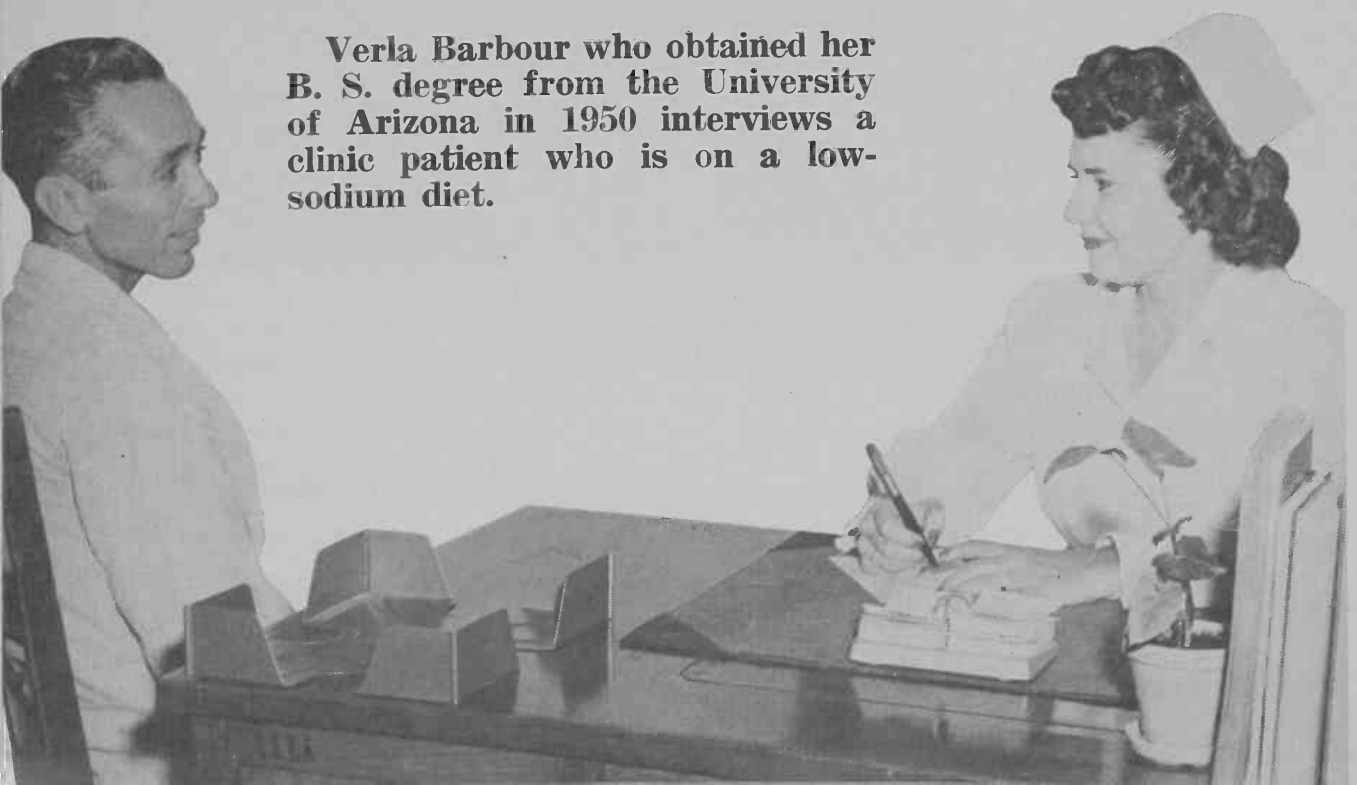
Cash allowances and provision for board and room during internship make many of these courses most attractive financially.

HOSPITAL-CLINIC covers three fields of work: food production, therapeutic, and clinic. The dietitian teaches those within her own area: student nurses, patients, employees; in some institutions dietetic interns, medical and dental students. . In small hospitals the dietitian supervises both food production and diet therapy.

The food production manager directs activities related to food purchase, preparation and service for patients and working personnel — trains and supervises the dietary department through a food cost control system.

The therapeutic dietitian plans normal and modified diets — takes her place on the medical team which is comprised of the physician, the

(Please turn to page 12)



Verla Barbour who obtained her B. S. degree from the University of Arizona in 1950 interviews a clinic patient who is on a low-sodium diet.

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Home Ec Future Bright

(From page 2)

nurses and the dietitian — instructs hospitalized patients concerning their food needs.

The clinic dietitian guides and teaches the patients who come to the hospital clinic for treatment rather than those who are hospitalized — acts as consultant to social service workers.

The FOOD PRODUCTION MANAGER in hotels, restaurants, and school-lunch programs supervises the purchase of food, its preparation and service. She arranges special parties and banquets.

In PUBLIC HEALTH AGENCIES the nutritionist teaches public health nurses, acts as consultant, gives talks and demonstrations, prepares informational material.

In COMMERCIAL FOOD COMPANIES the nutritionist works in the consumer food service department. She writes and tests recipes — finds ways to serve the company's food products attractively — studies effect of cooking and refrigeration — prepares food for photography — publishes regularly new large-quantity recipes. One large food company recently wrote, "There is drama and excitement and a restrained kind of bustle in our consumer service department all the time."

Advanced study puts you at the top in TEACHING AND RESEARCH. Substantial scholarships are now widely available. With advanced study and field and laboratory experience, you may become a nutrition consultant in a state or county health department — college teacher — or research worker.

A college lecturer may teach family and large-quantity food selection, preparation and service — nutrition for adults and children — food cost accounting, equipment buying, personnel management — laboratory techniques in food anaylsis and review of current publications.

A research worker analyzes food for nutritional value. Today it is said that we recognize some fifty purified nutrients which together support growth and development in animals. These include minerals, vitamins, amino acids, fatty acids, water, and total calories. We know a lot about what they are; we know less about what they do.

Experiments are continuously being done on individual foods: methods of processing them — development of improved ways to measure quality, flavor and nutritive value. Studies made with experimental animals are translated into human nutrition after being tested first on people, individually and in groups.

Gifts to College of Agriculture, University of Arizona, 1953

(For research and other use)

Department of Agricultural Chemistry and Soils

Atlantic Refining Company	Soil Conditioner —180 lbs. PR55, 75 lbs. PR78
Braun & Company	1,000 lbs. Orzan
Ferro Corporation	25 lbs. Ferro F.T.E.
Geigy Company	15 lbs. Chemicals
Matheison Chemical Company	100 lbs. treble superphosphate
Monsanto Chemical Company	$3,000
West Virginia Pulp & Paper Company	25 lbs. Lignin
Yucca Mining & Milling Company	500 lbs. Phyrothite

Department of Agricultural Engineering

Arizona Cotton Seed Distributors	700 lbs. acid-delinted seed
International Harvester Company	1 - U-2A Power Unit for instruction purposes
Prosser Company, T. W.	1 - 12" Inometer

Agricultural Extension Service

Arizona Flour Mills — National 4-H Camp Fund	$ 250
Arizona Machinery Co. — National 4-H Camp Fund	250
L. M. Barber, Morenci — National 4-H Camp Fund	250
Arizona Implement Dealers — National 4-H Camp Fund	250
Maricopa County Farm Bureau — 4-H Roundup Expenses	450
Graham County Livestock Show — 4-H Roundup Expensse	12
Arizona Bankers' Association — 4-H Club Work - Leaders' pins and subscriptions to 4-H News	250
General Petroleum Company — 4-H Tractor Maintenance Program	500
Standard Oil Company of California — 4-H Scholarships	1,350
Cudahy Packing Company — Trip Awards to Nat'l 4-H Congress	420
Carnation Company — Trip Awards to Nat'l 4-H Congress	220
Spool Cotton Company — Trip Awards to Nat'l 4-H Congress	220
Simplicity Pattern Company — Trip Awards to Nat'l 4-H Congress	220
Kelvinator — Trip Awards to Nat'l 4-H Congress	220
Montgomery Ward — Trip Awards to Nat'l 4-H Congress	220
Sears Roebuck — Trip Awards to Nat'l 4-H Congress	220
Santa Fe Railway — Trip Awards to Nat'l 4-H Congress	1,100
U. S. Rubber Company — Awards for 4-H Programs in Recreation and Rural Arts	50

Department of Agronomy

Arizona Cotton Seed Distributors	$7,500
Dow Chemical Company	Chemicals for weed control research
E. I. DuPont DeNemours & Company	Chemicals for weed control research
Hail Adjustment & Research Association	$1,000
Pacific Coast Borax Company	Chemicals for weed control research
United States Rubber Company	Chemicals for weed control research

Department of Botany and Range Ecology

Bowen, Irene	Portable prescription balance
Central Aircraft Company, 3-day aerial spray application on chaparral	
Dow Chemical Company, 30 gal. Esteron 245 and 10 gal. Esteron 10-10	
Henderson, Perry	Use of 40 acres for herbicidal control of chaparral
Hoffman-LaRoche, Inc.	100 mg. each of 5 biotin antagonists
Johnson, S. C. & Son, Inc.	Fellowship $3,600
Moggio, Hugo	Technical service and materials
Naugatuck Chemical Company	100 gm. Maleic hydrazide, 100 grams MH-30, 100 grams MH-40
Standard Oil of Indiana	2 quarts Eureka White Oil
Sterwin Chemicals, Inc.	1 pint Roccal

Department of Dairy Husbandry

American Seal Kap Company	Use of milk bottle capping machine
Arizona Dairy Technology Society	Scholarship $225
Borden Company	Scholarship $300
Cherry-Burrell Corporation	Use of equipment for processing cultures and buttermilk
DeLaval Pacific Company	Use of milk separator - clarifier
Diversey Corporation	Cleaning and sterilizing compounds
Shamrock Dairy	Cream for cooperative regional research with University of Wisconsin
American Cyanamid Company	$1,000
California Spray Chemical Corporation	$ 500
Chemagro Corporation	$1,000
Shell Chemical Corporation	$ 750

Department of Entomology

Ari-Zonolite Company	Vermiculite
E. I. DuPont DeNemours & Company	NuGreen
Fannin Gas & Equipment Company	Fertilizer and Insecticides
Geigy Company	Iron - organic chemicals

Department of Horticulture

Monsanto Chemical Company	Krilium
Monrovia Nursery Company	Ornamental trees and shrubs
Phillips Chemical Company	$1,200
Stanley, Dean Foundation	Graduate Fellowship $1,000
Wilcox, Roy Company	Decorative indoor plants

Samples of seeds have been furnished to the Department of Horticulture by the following: Associated Seed Growers, Inc.; Casey Seed Co.; Desert Seed Co.; Ferry Morse Seed Co.; Loomis, George & Sons Seed Co.; McCrea Seed Co.; Pieters Wheeler Seed Co.; Rocky Ford Cantaloup Seed Breeders Assn.; Rogers Brothers Seed Co.; Woodruff & Sons Seed Company.

Department of Plant Pathology

American Cyanamid Company	$1,000
Arizona Fertilizers, Inc. and Rohn and Haas	200 lbs. Cuprocide and 200 lbs. Dithane Z-78
California Spray Chemical Corporation	4 lbs. experimental fungicide, Orthocide 50
Carbide & Carbon Chemical Company	100 lbs. experimental fungicide 974
Casey Seed Company	22 lbs. Imperial 45 cantaloup seed
Dow Chemical Company	2 lbs. Chemicals
Geigy Company	1 gallon seed treating compound
Kengland Nursery	8 shrubs
Mallinckrodt Chemical Company	4 lbs. magnesium trisilicate
McClellan Laboratories Corporation	12 bottles fungicidal sprays
Merck & Company	50 grams Chemicals
Stauffer Chemical Company	150 lbs. experimental fungicide S-521

School of Home Economics

Calgon, Inc.	1 set perfumed Calgon
Detergents, Inc.	12 packages of All
Hamilton, John S.	1 black magic baking sheet
Hotaling, Edna L.	7 pieces of clothing for historic clothing exhibits