

Women's Work

By GAY PAULEY
United Press Staff Correspondent
New York—(U.P.)—Next time hubby complains about how hard he works, suggest he take your job as homemaker for a while. Chances are you work harder.

If you're typical of one group of homemakers, you work a nine-hour day, six-day week. The nine-hour day is the average computed by the New York State College of Home Economics, Cornell University. The figure was reached after a study of 250 women living on farms, doing housework in town, or keeping house and also holding office jobs in town.

Dr. Elizabeth Wiegand, who directed the survey, said most women report 360 activities on a week day and spend more time—an average of one hour and 36 minutes—on food preparation than any other single job.

Clothes Care
The women, whether farm or city dwellers, like cooking best. The farm women dislike care of the house; the city women indicate the greatest dislike for dishwashing. Farm women also do more cooking, and prepare more complex meals, than city women.

Dr. Wiegand said all types of homemakers average nearly as many hours for care of clothes and housekeeping as for cooking. Less than one hour per day goes for dishwashing, marketing and such odd chores as paying bills or balancing check books.

The city homemaker without an outside job devotes less time, an average of just over eight hours, to her work. The woman with the second job averages an 11 1/2 hour day, with about seven of those hours devoted to salaried employment.

The Cornell study found that the working woman also gets less rest and sleep, spends less time on personal care, and has fewer community and recreational activities.

One of the problems of the home laundry is keeping white nylons white.

Laundry experts recommend that white nylon clothes be washed separately from colored items and soaked first. Wash with soap and soft water and rinse thoroughly. Nylon can be bleached if it becomes yellowed from washing in hard water. Chlorine bleaches will do the job, but they weaken the fiber. Bleaches made especially for nylon are available, however. You can give a whiter look to yellowed nylons by using bluing in the final rinse. The bluing doesn't take out the yellow tinge—just disguises it.

By VIVIAN SANDE
United Press Correspondent
New York—(U.P.)—Milk is such a fundamental of the American diet that it's hard to believe there are places where people are still skeptical about its benefits.

Since World War II, Swiss-born Gertrude Lutz, the former wife of a Swiss diplomat, has been traveling in such places as Yugoslavia, Poland and Brazil.

"In Yugoslavia," she said, "many people who received powdered milk (through a Swiss relief agency) thought it was whitewash for their homes."

Now, as chief of the United Nations International Children's Emergency Fund in Brazil, Mrs. Lutz finds people who aren't sure milk is safe to drink.

Mrs. Lutz' headquarters is in Rio de Janeiro, but she spends about one-third of her time in the field, checking up on the distribution and use of UNICEF supplies and equipment and investigating new requests for assistance.

Field Work
In the two years she's been in Brazil, Mrs. Lutz has traveled 85,000 miles in the interior. She's supervised the distribution of \$2,000,000 worth of UNICEF funds, matched by Brazilian government funds, as the international organization arranges specific.

"That," she figured, "means the feeding of some 100,000 children and pregnant women a day."

During a stop-over in New York after her first trip home to Switzerland in two years, Mrs. Lutz talked about her experiences in the field. She talked of driving for hours, by jeep, on incredible roads, to villages scattered through drought-stricken areas. She talked of the food customarily fed to infants in these outlying districts, a mixture of hot water and flour. And she talked of the mortality rate

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WEIGHTY DISCUSSION on merits of respective headgear occurs in Fraser, Colo., as President Eisenhower compares his western hat with those worn by Paul Harper (right), 18 and Jim Lynch, 19, of Grand County Mounted Patrol. They called on President when he arrived at Akse Nielsen ranch for visit. (International)

Science at Work

New York—(U.P.)—"At least in rats," said Dr. John S. Stamm of the California Institute of Technology, hoarding is based on "the orderly function of the nervous system."

Humans call hoarding "thrifty" or "saving" and consider it highly desirable except in times of acute shortages when the hoarder of scarce commodities becomes unpopular with non-hoarders.

Dr. Stamm did not try to answer a prime question of science which concerns the differences and similarities between rats and men. But "at least in rats" he eliminated thrifty by cutting away a little brain.

By operating on thrifty rats among children—as high as 350 per thousand, as compared with about 28 in 1,000 in the United States.

The attractive 47-year-old woman also talked about the accomplishments of UNICEF in many villages and how the child feeding program often develops into a community center.

Community Gains
As an example, Mrs. Lutz cited the case of one village of 5,000 population, 300 miles from the nearest city. The wife of a merchant in the village, as soon as she heard of the milk distribution program, recruited several other residents to help her turn an empty hut into a distributing center.

When the villagers got used to gathering there for their milk and vitamin quotas, she got the nearest doctor to institute an information center for mothers and pregnant women. Villagers, for the first time, learned what medicine and nutritional knowledge could do for them, and wanted more. They applied to the Brazilian government for help, and got it. Now the village has a hospital, and the hospital also is a center for classes on health, home management, home-making and crafts.

"In places such as these," said Mrs. Lutz, "the milk distribution program of UNICEF is the difference between life and death. We're lowering the mortality rate among infants and children in Brazil every day we work."

and removing a bit of tissue here and there on the surface of the cerebrum, he found the thrifty center was a strip of surface tissue along the median line of the brain.

When about 13 per cent of this strip was removed, the thrifty rats no longer were thrifty. To check this, he took the same amount of tissue from other parts of the brain surfaces of other rats. They remained as thrifty as ever.

"On the basis of these investigations it can therefore be concluded that hoarding—the accumulation of useful material, such as food—is indeed regulated by a specific area of the brain," he said.

However, there's more to thrifty or hoarding than that, "at least in rats." Heredity has something to do with it. One strain of genetically pure rats hoarded like crazy at every opportunity, while another strain, no less pure genetically, hoarded very little. He now is cross-breeding these strains to see what he can see.

Dr. Stamm tested his rats' "thriftness" or lack of it with food pellets. A runway connected their cages with stores of pellets. The test was based on how many pellets a given rat would take from the store and hide in the cage during a given period.

Dr. Stamm recalled that other investigators had shown that, "at least in rats," temperature has a great deal to do with thrifty. Cold weather makes rats more thrifty, hot weather less so.

Thrifty or hoarding is "a relatively complex type of behavior, involving both unlearned responses and learned activity, because the rat has to perform an act which conflicts with other drives, such as avoidance of strange situations and attempting to escape from a restrictive environment," he said.

"Hoarding seems to be motivated by some unlearned drive which will persist for a long time and under adverse conditions after it has once been reinforced. This drive is, moreover, related to certain biological factors."

The Suns of Perseus

By J. HUGH PRUETT
Astronomer, Extension Division
Oregon Higher Education System
In the deepening twilight six years ago while attempting partially to forget the sadness occasioned by the illness of one very dear to me, I was testing a 3-inch telescope on the tiny telescopic star which nestles almost in the rays of the North Star.

After I had successfully glimpsed this little companion of Polaris several times in a sky still far from dark, an airplane passed overhead, blinking its vari-colored lights in measured rhythm. Hurriedly the telescope was swung on its mounting and aimed directly at the plane.

Pinpoints of Light
Slowly the aviator and I glided down the north together, passing en route across numerous single little stars and interesting open groups. Suddenly we dashed into a veritable confusion of tiny pinpoints of light, dozens of them in two clusters. So striking was the sight that the swinging telescope was instantly stopped and the plane allowed to proceed alone.

Unknowningly the flyer had guided the telescope into the beautiful cluster of Perseus. To the naked eye that part of the sky was then only bright, starless twilight, but the power of the glass had reached out into the infinitudes of space and brought the starry tangle into human vision.

On a clear, moonless night this double cluster is dimly visible without optical aid, not as



WHILE all England speculates on whether Princess Margaret has lost her heart to commoner she appears gay and light-hearted while attending numerous functions. (International)

stars but as a small cloudy patch. At 9 p.m. in late August it appears about half way up in the northeastern sky and directly below the W-shaped configuration of Cassiopeia. Below it are the principal stars of Perseus, arranged something like a bent bow.

Picture Equilize
Through instruments of greater aperture than a 3-inch and in a dark sky, the telescopic picture is exquisite. The field is alive with glittering little lights, literally scores of them.

Some appear fairly bright; others, dim; still others, mere points on the background of dark blue night. On good twinkling nights, their rapid scintillations remind one of a swarm of exceedingly busy bees, every one working hard, energetically trying to do its bit in the vast program of the mighty universe.

The beauty of the picture is enhanced by the "tiniest of the tiny" which are visible only at the moments of best seeing. These appear as though sharp needles were at intervals pricking the dark curtain of night and letting through the merest intimations of the "infinite light beyond the stars."

Brighter Than Sun
These celestial jewels are actually huge suns so far away that their light requires around 5000 years to reach us. Many are 100 times brighter than our sun but are transformed by great distances into small stars.

Across the inconceivable stretches of space, the combined light of these mighty suns gives to the unaided eyes only the delicate nebulous spot, the mythical sword hand of Perseus.

Restoration Project Marks Medical Date

Mackinac Island, Mich.—(U.P.)—A \$40,000 restoration project has been started here to commemorate a 151-year-old date in U. S. medical history.

State medical leaders and political figures joined in ceremonies to lay the cornerstone of a shrine honoring Dr. William Beaumont whose analytical studies on human digestive processes in 1822 marked a medical milestone.

The project, financed by contributions from state physicians and civic organizations, is expected to be completed next year and turned over to the Mackinac Island state park commission.

Dr. Beaumont's studies were made possible when Alexis St. Martin, a young trapper, was wounded accidentally by a shotgun blast. The victim continued to live but the wound left a gaping "window" in St. Martin's stomach through which Dr. Beau-

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MEDFORD (OREGON) MAIL TRIBUNE—SEVEN



HE'LL WALK NOW — Dennis Worden, 3 1/2, towers over his brother, Danny, 2, for the first time as he tries out his new "legs." Dennis, born with stumps, was fitted with new legs by surgeons at the Navy's prosthetic limb clinic in Oakland, Cal.

Lawmakers Come To Aid of Harried Debtor

Hartford, Conn.—(U.P.)—Connecticut lawmakers have come to the aid of the harried debtor. The 1953 assembly passed a bill providing that no collection agency shall:

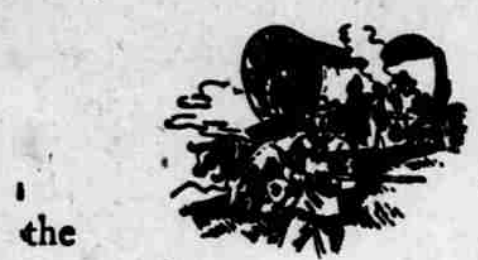
"Use slogans in collection letters or publications threatening legal suit or wage garnishment; use or threaten to use physical violence in connection with the collection of claims; furnish legal advice or perform legal services; or advertise or threaten to advertise for sale any claim as a means of forcing payment thereof... unless such agency is acting as the assignee for the benefit of the creditors or acting under court order."

mont observed digestive processes. His findings provided medical men with concepts of reactions of the human stomach to various types of food, liquor, and even emotions.

The island trading post containing Dr. Beaumont's office as it appeared in 1822, will be restored.

When cooking eggs use the simmer burner of the range and gently cook. Do not use boiling water to hard cook eggs, since too much heat makes the egg white rubbery.

Try peanut brittle in apple sauce. Roll the brittle well and stir into hot apple sauce while cooking on the top burner of your gas range. Serve in sherbert glasses topped with whip-cream. It's real good.



the River and the Rock...

Chapter 11

And now that I have come to the year 1851, I pause to take a breath; for our own Rogue River Valley is ready to be discovered and settled.

It all began with Mr. James Cluggage and Mr. J. R. Poole. Travelers had been using the trail south to California and the gold fields for several months. However the settlers had not tarried in the Valley for the Indians had made it uncomfortable for the wagon trains and the immigrants had no desire to be isolated, surrounded by hostile savages. However gold is a great courage builder, and when Cluggage and Poole discovered gold in Jackson Creek it changed the picture almost immediately. They are said to have seen nuggets in the creek as they washed their faces one morning after camping by the brook all night. They are said to have done this and said that... but the fact remains that they did stake out 400 feet of Rich Gulch on Jackson Creek and were mining a pint cup of gold daily.

This was in December... and by February every foot of the gulch was staked and claimed. Every day saw new wagons and pack trains crossing the valley until even the mountains surrounding the claims had been spoken for. It was in February, too, that a group of men from Yreka, knowing that the supplies would soon be exhausted, quickly knocked together a trading post. They carried clothing, boots, picks, shovels, gold pans, and iron and most important... whiskey and tobacco.

In March Mr. W. W. Fowler decided that the gold being mined in the gulch was a legitimate enterprise, and possibly permanent, and he built the first log cabin in the Rogue River Valley. And that was the beginning... a slap happy town quickly began to assemble. They worked hard in the mines all day and they wanted to play hard during the long spring evenings. And as always there were those who gravitated to the diggings to supply this need. Gambling houses, music houses and saloons began to crowd each other on either side of the muddy road. Gamblers arrived to relieve the miners of their dust and nuggets. 'Ladies' arrived to keep them happy so far away from home. It was a rugged, bawling, gold town. It was the first town in Southern Oregon.

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