

## Good things come in University Bakery packages

## **By DONNA HIGGINS Collegian Feature Writer**

hometown.

ty Bakery, one of the most efficient weeks.

Building on North Atherton Street, too small for delivery to be economi- all those doughnuts, rolls and loaves produces all of the breads, rolls, cal. Also, ingredients or supplies Uni- 'of bread? squares, macaroni, peas and cheese trucks to bring back, he added.

also sent to seven Commonwealth yeal steaks. campuses, said Robert Reese, Foods Building manager.

The only products that don't come out of bakery ovens are danishes because of the time-consuming handthem, Reese said. He added, howev-er, that production of fancy danishes may begin in the near future for sale them, Reese said. He added, howevin the cash operations.

and Food Services and is funded only ty plan to make Food Services more spends about 20 minutes in a part of The bunches of rolls, usually three a retired manager of the foods builddents, Reese said.

Bakery products are made to be all dining halls di consumed while they are still rela- Gibson said. tively fresh, Reese said. What the Atherton Hall had a bakery in its n one corner, a huge mixer bakery produces at a given time basement that produced bread and beats 700 pounds of bread depends on what the dining halls' rolls for the students who ate in the dough. A few feet away, a ma- menu calls for and what the dining third floor dining room, Rathfon exchine spews little balls of dough onto halls, Commonwealth campuses and plained. trays faster than anyone can count. cash operations order, Reese said. McAllister Building, formerly a

plastic to the tune of 1,000 dozen per erything must be consumed almost McAllister and Grange Building, immediately or frozen for shipment which was also a women's residence The noise is deafening. But the to the Commonwealth campuses. hall, Rathfon said. smell of the freshly-baked bread The University uses two trucks to The completion of Simmons, McEl-

· If you could close your eyes to all the machinery and shut your ears to the roar, you would think you were na, Reese said. Each campus ated a need for centralization of food sitting in a small bakery in your receives one delivery per week ex- service.

pick up flour, Reese said. A trip to production manager. Building and the dining hall snack Furman's Cannery. Hazleton yields like cakes and cookies, get mixed in down and proceed along the next made glazed doughnuts, "they go panned, sliced and bagged by mabars. University bakery products are bread bags, plastic wrap and frozen the upright mixers. They hold about level.

the Foods Building, said Bruce Rath-rotates open and the dough pours into vates an air jet that inflates a plastic trough with holes in the bottom. The increased efficiency is the Artoflex fon, manager of purchases for Food a well-greased "dough trough," a 10-bag. Metal "ears," which look like glaze forms a curtain that the dough-machine, said Hosterman. The maout of bakery ovens are danishes because of the time-consuming hand-work involved in icing and decorating work involved in icing and decorating of the bakery was built in 1949, and in bread divider and is fed into the over the loaf. The end is automatical- ways been this efficient. Ralph Hos- did a good job mixing the salads that tor space. Rathfon said.

The bakery is a division of Housing The Bakery was part of a Universi-Before the dough is put into pans, it chine, which wraps them in plastic.

And on one side of an oven, another The Bakery uses no preservatives women's residence hall, had a dining machine wraps hamburger rolls in in its products, he explained, so ev- hall and bakery that fed women from

loaves coming out of the ovens is deliver Bakery products to seven of wain and West Halls in the late 1940's the Commonwealth campuses: Mont greatly increased the number of stu-

cept for Hazleton Campus, which The present location was chosen But you're not. This is the Universi- receives a delivery once every two because of its proximity to the railroad tracks. Trains filled with supand productive bakeries in the coun- The reason all Commonwealth plies could practically pull up to the campuses are not served, Reese said, door to unload, Gibson explained. The Bakery, located in the Foods is because some are too far away and How exactly can one bakery make

cakes, pies, cookies, doughnuts, muf- versity Food Services needs must be The process begins when the flour, fins, turnovers, custards, dessert available in a delivery area for the eggs, dried milk and other ingre-

"We use it for bread and roll on top of the other. As the products halls, the cash operations such as the HUB Eateries, the cafeteria in Kern HUB Eateries, the cafeteria in Kern applesauce and canned goods from like one of the stuff, seach one end of the racks, they curve applesauce and canned goods from like one of the stuff, seach one end of the racks, they curve made glazed doughnuts, "they go panned, sliced and bagged by ma-

> 200 pounds each." When bread or roll dough has fin- and bagged by machine. An electric Chocolate or vanilla glaze is put it into the proofer," he explained

Weber explained.

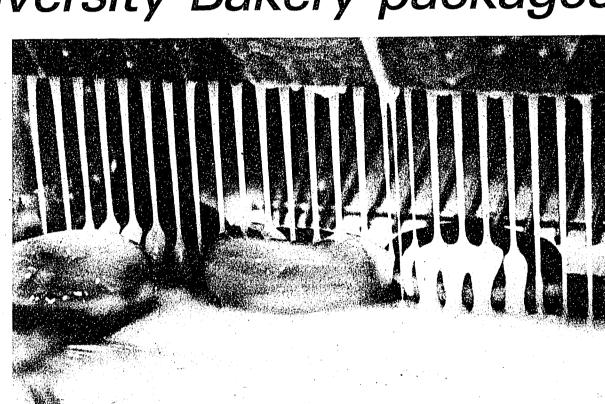
panner. A hoist lifts the trough and instant, when a hot metal rod drops "At first in the Food Building, for and let it rise." tilts it forward. The "guillotine" front down and closes and seals the end. bread, all we had was a molder. We Instant yeast allows bakery em

The bread and roll dough goes into they go into the proofer.'

conveyor belt that brings them halfway," she explained, pointing to worked six days per week." many, with all the hand work," Hos-around to one of the most impressive a mechanism that looked like a pad-Now the Bakery operates seven terman said. "Students are amazed features of the bakery - the over- dlewheel. head cooling system

out of their pans and deposit them on cake doughnuts, which are usually 8 a.m., Reese said. a conveyor rack that carries them up covered with powdered sugar or cin- New equipment increased producoward the ceiling. The loaves and rolls wind their way with cream or jelly; and raised man continued. hrough 84 feet of parallel racks, each doughnuts, which are glazed.

As rolls come out of a Bakery oven (left), they move down an assembly line Products are sent to the University dining halls, cash operations such as the towards a packaging machine. After they are packaged, Bakery employee Rod HUB Eaterles and seven of the Commonwealth campuses. Bakery items, like Noodring of Bellefonte stacks the rolls to be shipped out (bottom left). these hamburger buns, (bottom right) are inspected on their way to packaging



salads consumed by University stu-donte hrend College stop in Buffalo, N.Y. to 20 minutes, said Norm Weber, bakery covered with cinnamon or powdered sugar; jelly or cream-filled bismarks and glazed doughnuts. "If they're glazed like these,"

through this glaze before we pack chine now. The only time they touch it After cooling, the bread is sliced them."

"They had one oven," Hosterman, yeas

before going into the oven, he across on small, narrow trays that of the work was done by hand. The ery and an efficient baking process snake their way up and down through modern machinery wasn't available has made it one of the most produc-The oven has 18 shelves that contin-ually rotate as the dough bakes. As the proofer for 30 to 35 minutes. "When they're finished in the proof-"When they're finished in the proofit's finished, each shelf tips and the er, they fry in fat, first on one side, employees who worked two shifts of bread in about 15 minutes. It used trays of fresh bread slide off onto a then on the other. They are flipped then. We worked long hours and to take us almost all day to do that

days a week and has 24 full-time that we can do all this here." nead cooling system. Three kinds of doughnuts go employees. They work eight hour suction cups lift the bread or rolls through this process, Weber said: shifts, arriving at work between 4 and

ammon; bismarks, that are filled tion while decreasing labor, Hoster-"We used to have to slice the bread





by hand. Now that is done automa is to take it off the bread divider and Two bakeries have been housed in ished mixing, the front of the mixer eye sees each loaf coming and acti-Foods Building, remembers the bak- Hosterman said that another im-Rolls go to the "pillow pack" ma- ery in the basement of Atherton Hall. portant advancement was instant

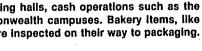
"You put it in and then there's a pill through revenue from the cash opera-tions and board money paid by stu-tions and b Services. Before 1949, most individu-causes the dough to rise and relax, rier at a toll booth. The lever lifts at to pat the dough and pull a lever to cut "You don't have to worry about rebecoming softer and more flexible, the correct instant and the rolls bump it, then put it in pans by hand. We took frigerating the yeast. You eliminate into plastic wrap. They drag the wrap some of that equipment, including the the floor time. We used to have to put For rolls, the trough goes to the roll along with them until just the right roll machine, to the Foods Building," the dough into a trough for two hours

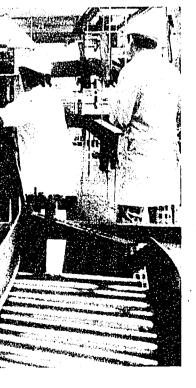
slides up and the dough pours into a The machine is ready for the next had to cut the loaves by hand, round ployees to mix the bread and let it them up by hand then you dropped stand for 10 minutes before putting it The machine cuts and shapes the The Bakery's doughnut machine, them in the molder. That rolled them in the machine. The dough is then dough into balls that will become capable of producing 300 dozen each into a long loaf. Then you had to pan it more relaxed and easier for the ma-

lipsburg, a Bakery employee. "Then they go into the proofer." When the Foods Building opened in 1949, we were baking for about 5,-From small bakeries that fed only a larger proof box for about 45 min- The doughnuts are placed four 000 students," Hosterman said. "A lot few thousand students, new machin-

many, with all the hand work." Hos-

Photos by Bonni Lee Britton





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