

# Atomic Medicine Probes Mental Illness says VA

Veterans Administration for the first time is using atomic medicine to probe the baffling mysteries of mental illness.

By tagging substances with radioactive phosphorus, researchers at the VA hospital in Sepulveda, California, are tracing the compounds through complex chemical and biological changes in the body for clues to the origin of mental disease.

The group is especially interested in amounts of a compound called serotonin in the central nervous system which may be involved in the action of tranquilizing drugs.

They also are using atomic medicine to study the effects of drugs that are used in treatment of or research into mental illness.

Research with radiolabeled tracers is providing new information that will lead to better understanding and treatment of hundreds of diseases, VA said.

Cancer, heart conditions, and hardening of the arteries are among the main illnesses under investigation in the nationwide radiolabel program involving some 600 studies at 51 hospitals.

The VA hospital in Boston is studying resistance to leukemia, or cancer of the blood-forming organs, and how the disease is transmitted.

The Hines, Illinois, VA hospital is investigating effects of hormone treatment in heart attack patients, the role of fat in diet of patients with hardening of the arteries, new devices to locate brain tumors, and implantation of radioactive phosphorus at sites from which brain tumors have been removed.

At the Ann Arbor, Michigan, VA hospital, doctors have used radioactive phosphorus in testing success of skin grafts. Rose Bengal, a radioactive synthetic dye, is helping in study of jaundice at the hospital, and radioactive iron is being used to measure effectiveness of cobalt in treatment of anemia that does not respond to other therapy.

The VA hospital in Birmingham, Alabama, is studying rheumatoid arthritis by means of radiolabel tracers.

At the Houston, Texas, VA hospital, a research group has tagged snake venom with radiolabels for study of diffusion of the poison.

The Kansas City VA hospital is working to develop a new

## 'Thank You' Is a Waste Of 'Time'

Clock watchers had nothing on Pacific Telephone operators who at one time doled out the correct time every 15 seconds, 240 times an hour, 24 hours a day.

That's all over now according to local telephone manager Dick Fyle and has been for the past few years. With the coming of standard time again, Sunday, September 29 at 2 a.m., dialing ULrich 3-1212 will get the new correct time from a mechanical "whatsis" with a velvet voice.

The voice belongs to an attractive brunette who lives in the heart of the cotton-belt and cane-brake country, Atlanta, Georgia. The "whatsis" called the Audichron, is leased by Pacific Telephone as an added service to telephone users in obtaining the correct time.

The jet black machine specializing in up-to-the-second accuracy loses approximately half-a-second every three years. Audible and visible alarms are activated automatically if trouble develops to assure residents of 24 hours time service.

The voice behind the voice of Miss Audichron, is Mrs. Berrien (Mary) Moore, Jr., mother of three and a Vassar College graduate. Her letter-perfect diction currently is heard on time recordings in more than 100 cities throughout the nation.

Briefly, Mary's voice finds its way into the machine the same way sound is synchronized with a motion picture. Her voice is put on film and played back through a speaker in the Audichron.

In preparing for a recording session, Mary studies her script and decides on the most perfect and pleasant way to say the words. The tape recording she made was then put on film and wound on revolving drums that fitted the Audichron.

So, next time when dialing the time number ULrich 3-1212 and finding yourself inadvertently saying "Thank you," just remember that your politeness is falling on the deaf ear of a machine whose voice was recorded some 2500 miles from here.

## V. Kilborn Speaks to PTA Council

Victor Kilborn, principal of the adult education of Torrance was the special guest of the Torrance PTA council at the executive session held September 18, at the Fern cafeteria.

Mrs. J. N. Oswald urged all mothers interested in singing to the Mothersingers, and outlined the plans for the Christmas concert.

# Engineer Speaks To Accountants

At the dinner meeting September 18, pandemonium reigned as 100 members and guests of the Long Beach Chapter of the National Association of Accountants heard Don Wheeler give a talk in which he gave one engineer's opinion of Accountants.

Due to a sudden speaker illness, Bogenrief was unable to appear. However, his place and topic was nicely covered by his assistant, Donald Wheeler, who is the Industrial Engineering Supervisor for the Robert Shaw

Fulton Division of Grayson Controls. Wheeler resides with his family at 3744 Gondar ave. in Long Beach.

In his talk, having defined the two fields, Engineering and Accounting, he proceeded to expand on the objectives of the two fields and detailed the engineer's concept of what a dull existence the accountants must have. This he felt was due to their being regulated by their "figures" instead of regulating their reporting to produce desirable useful figures.

He emphasized the necessity for a close "tie in" between the cost accounting department and the Engineering department, and expressed his feelings that the more broad the basic training of the accountant the more valuable would be his services.

A lively discussion ensued after his speech and several members of the accounting profession expressed a desire for an opportunity to reverse the situation and tell their opinions of engineers.

## Class In Handling Small Boats

A 12-week class in small boat handling and navigation, meeting Wednesday evenings, begins October 2 at Fern Avenue school cafeteria at Elm and Eldorado streets, Torrance, from 7:30 to 9:30 p.m.

The class is being offered by

the Torrance Evening High school in cooperation with the U.S. Coast Guard Auxiliary with Coast Guard certificates being issued upon completion of the course.


Instruction will include seamanship, rules of the road, aids to navigation, the compass, charts and charting courses, and legal requirements.

For further information concerning this case, please telephone the Adult Education office, FA 8-2272, located in the Torrance high school, 2200 W. Carson st.

## Takes Viewers Two at Time

"My shows are designed for two people sitting in front of a television set," says Paul Gregory, producer of CBS Television's "Crescendo," the "Du Pont Show of the Month" premiere, next Sunday, Sept. 29 (9:00 - 10:30 PM, PST). "I don't aim at an audience of 50 million.


**KCOP**
**"I Search For Adventure" Thurs. 7:00-8:00 P.M.**
**CHANNEL 13**



**Genuine Melmac TEXAS-WARE DINNERWARE FREE!**

Ralphs newest Gold Tape Dividend... the finest plastic dinnerware made... with the Good Housekeeping seal of approval... the only one with a full two-year guarantee against chipping, cracking or breaking! See the complete displays of place settings and serving pieces in all Ralphs Stores and be amazed how few Gold Tape envelopes are required! For instance, 3-piece place setting, only 3 envelopes, salad plate or soup-cereal bowl only 1 at

**"Celestial" PATTERN In Four Colors... • Star Turquoise • Planet Pink • Sun Yellow • Moon White**



**Ralphs FRESH PRODUCE**

THOMPSON SEEDLESS **Grapes SWEET**  
2 Lbs. for **2 15<sup>c</sup>**

RIO OSA **Peaches FRESH FANCY**  
2 lbs. for **2 25<sup>c</sup>**

CRISP **Celery FRESH**  
Lb. **5<sup>c</sup>**

VALENCIA JUICE **Oranges FANCY**  
Lb. **7<sup>c</sup>**

**COFFEE**

*Ralphs*  
1-lb. Can **79<sup>c</sup>**  
2-lb. Can **\$1.57**

**Ralphs CATERING**

**Buttered Almond Ice Cream** Pint... **2 49<sup>c</sup>**

**Reddi-wip** 7-oz. Can **54<sup>c</sup>**

**PILLSBURY Angel Food Mix** 16-oz. **45<sup>c</sup>**

**APPLE SAUCE**

APPLE TIME  
1-lb. Can **10<sup>c</sup>**

**Ralphs SELLS FOR LESS**

Open 9 a.m. To 10 p.m.  
7 Days A Week

**Ralphs SUPER QUALITY STEAKS** U.S.D.A. CHOICE GRADE  
SURPLUS FAT AND TAILS REMOVED

Club Lb. <b>97<sup>c</sup></b>	T-Bone Lb. <b>99<sup>c</sup></b>	Porterhouse Lb. <b>\$1.05</b>
Flank Steaks Lb. <b>69<sup>c</sup></b>	Top Sirloin Lb. <b>\$1.15</b>	Beef Tenderloin Lb. <b>\$1.79</b>
<b>Sliced Bacon</b> Ralphs THICK SLICED Extra Heavy Smoke Lb. <b>69<sup>c</sup></b>	<b>OL' SMOKEY Fresh Pork Links</b> 1-lb. Pkg. <b>69<sup>c</sup></b>	<b>ARMOUR Breakfast Beef</b> 1-lb. Pkg. <b>75<sup>c</sup></b>
<b>HORMEL OLD SMOKEHOUSE</b> 1-lb. Pkg. <b>73<sup>c</sup></b>	<b>SEA PAK FROZEN Qwik Cook Shrimp</b> 7-oz. Pkg. <b>79<sup>c</sup></b>	<b>SWIFT'S PREMIUM FROZEN MEATS</b> CHOPPED BUTTERED <b>Beef Steaks</b> 6-oz. Pkg. <b>39<sup>c</sup></b> <b>Hamburger Patties</b> 9-oz. Pkg. <b>47<sup>c</sup></b>
<b>FOX DELUXE FROZEN Frying Chicken</b> 1 1/2-lb. Pkg. <b>79<sup>c</sup></b> With Chicken Serve Ocean Spray Cranberry Sauce	<b>AT OUR DELICATESSEN WE FEATURE</b>	<b>SLICED Chinook Salmon</b> Lb. <b>73<sup>c</sup></b>
<b>Van Camp's Pork &amp; Beans</b> 1-lb. Can <b>10<sup>c</sup></b> 1-lb. 14-oz. Can <b>19<sup>c</sup></b>	<b>BRANDYWINE Mushrooms</b> 7 for <b>\$1.00</b> STEMS & PIECES 2-oz. Con. for	<b>CHURCH'S CONCORD Grape Juice</b> 24-oz. <b>29<sup>c</sup></b>
<b>OCEAN SPRAY WHOLE OR JELLIED Cranberry Sauce</b> DELICIOUS WITH CHICKEN 1-lb. <b>23<sup>c</sup></b>	<b>KERN'S Pancake &amp; Waffle Syrup</b> 2-lb. <b>27<sup>c</sup></b>	<b>Pablum</b> ASSORTED BABY CEREAL Six 1-oz. Pkgs. <b>29<sup>c</sup></b>
<b>NABISCO Ritz Crackers</b> 1-lb. <b>35<sup>c</sup></b>	<b>AT OUR DELICATESSEN WE FEATURE</b>	<b>Marlo Beef Stew</b> 24-oz. <b>41<sup>c</sup></b>

**Ralphs FRESH BAKERY**

**Brown 'n Serve Rolls**  
PARTLY BAKED—YOU FINISH THE JOB AND SERVE FRESH HOT DELICIOUS ROLLS ANY TIME

Pkg. of 6... **19<sup>c</sup>** Pkg. of 12 **35<sup>c</sup>**

**Fresh Apple Pie**  
FRESH APPLES—TENDER PASTRY—DELICIOUS!!

6-inch... **35<sup>c</sup>** 8-inch... **59<sup>c</sup>**

**FARMER IN THE DELL** *Barbecued* **CHICKEN IN A BASKET** 12-oz.  
COMPLETE FROZEN DINNER WITH FRENCH FRIES AND 2 BISCUITS **79<sup>c</sup>**

**Oh Boy Frozen Pizza Pie**

Tomato and Cheese 8-oz. **39<sup>c</sup>** With Sausage 8-oz. **49<sup>c</sup>**

**Sara Lee Frozen Cakes**

CHEESE CAKE 11-oz. <b>69<sup>c</sup></b>	COFFEE CAKE 14 1/2-oz. <b>89<sup>c</sup></b>	CHOCOLATE CAKE 18-oz. <b>98<sup>c</sup></b>
--	--	---

**CAKE MIX**  
CINCH White, Devils Food, Gold or Spice  
**19<sup>c</sup>**  
16-oz.

**Soil Off** 24-oz. **39<sup>c</sup>** 1/2-gal. **69<sup>c</sup>**  
Plus 2c Tax Plus 3c Tax

**CUT-RITE Wax Paper** 125-ft. Roll **26<sup>c</sup>**  
Plus 1c Tax

**Trend Detergent** Giant Pkg. **49<sup>c</sup>**  
Plus 2c Tax

**Trend LIQUID DETERGENT** 22-oz. **51<sup>c</sup>**  
Plus 2c Tax

Good at any *Ralphs* Market

**FREE**  
This *Ralphs* Coupon  
Good for one Free 15 1/2-oz. Can VETS **DOG FOOD**

Thursday, Friday, Saturday and Sunday only  
September 26, 27, 28 & 29, 1957

LIMIT ONE COUPON PER CUSTOMER

**Ralphs SELLS FOR LESS**

Prices Effective in all *Ralphs* Stores  
Thursday, Friday, Saturday and Sunday  
September 26, 27, 28 & 29, 1957  
We Reserve the Right to Limit Quantities

Good at any *Ralphs* Market

**2 FREE JARS BABY FOOD**

This *Ralphs* Coupon good for two Free Jars Beech-Nut Strained Baby Food with Purchase of One Dozen Jars at the New Low Price of \$1.16

Thursday, Friday, Saturday and Sunday only September 26, 27, 28 & 29, 1957

LIMIT ONE BABY FOOD COUPON PER CUSTOMER

**Bisquick Biscuits** HOME STYLE OR BUTTERMILK

*Bisquick* BUTTERMILK BISCUITS 8-oz. Can **15<sup>c</sup>**

CATS LOVE IT!  
**KAL KAN** ALL RED MEAT TUNA  
6 1/2-oz. **2 23<sup>c</sup>**  
Plus 1c Tax

**SOUP**

CAMPBELL'S Chicken-Vegetable, Turkey-Noodle or Minestrone

10 1/2-oz. Can **3 44<sup>c</sup>** for

Buy all 3 new soups, send labels to Campbell's for full refund. Details at any Ralphs store

**CRACKERS**

PACIFIC Thin Flake Saltines

1-lb. 4-Pack **19<sup>c</sup>**