

Earle's Book Is Widely Used

"Engineering Design Graphics" by Dr. James H. Earle of Texas A&M is now being used in 40 universities, according to the Addison-Wesley Publishing Co. of Reading, Mass.

It is Prof. Earle's first text book. "The book is an attempt to break away from problems for the sake of problems themselves," he said.

Earle heads A&M's Engineering Graphics Department and has co-authored 10 problem work books, illustrated many publications and is creator of A&M's "Cadet Slouch" cartoon.

On July 1, Earle started a one-year term as vice chairman of the Graphics Section, American Society of Engineering Education. He will become chairman of the national division in 1970-71.

Earle said he worked 18 months on "Engineering Design Graphics," including most weekends and evenings. He explained the purpose of the book is to develop a student's ability to design and create.

A native of Jacksonville, Texas, Earle received a bachelor's degree in architecture in 1955, a master of education in 1962 and a doctor of education in 1964. All degrees were earned at A&M.

He joined A&M's faculty in 1959, after a tour in the U. S. Air Force's Strategic Air Command.

He was promoted to assistant professor in 1961, to associate professor in 1964 and to full professor this spring.

His new book, released this spring, will be used in both freshman semesters of engineering graphics and engineering design graphics. The course is required for all engineering students.

Donaldson Heads CS United Chest

Wesley Donaldson, purchasing director of Texas A&M, is the new president of the College Station United Chest board of directors.

Other new officers elected by the board are Dr. R. L. Skrabanek, professor in A&M's Agricultural Economics and Sociology Department, first vice president; Howard Vestal, director of management services for the university, second vice president; Clark Diebel, A&M controller, treasurer; and Daniel Whitt, assistant director of A&M's Physical Plant Department, secretary.

Dr. Skrabanek also was named chairman of the United Chest's Budget and Admissions Committee.



BOUND FOR IRELAND

Mrs. Donna Donovan and son Brian, 3, of 1100 Goode St., College Station, are shown at Oakland International Airport waiting to board a plane for Shannon, Ireland. They will meet husband, Gerald, Texas A&M instructor there.

Prof May Detect Water Pollution

A quickly-applied method for detecting water pollution and its toxicity may be developed by a Texas A&M biology professor.

Dr. Herman Kleerekoper will direct study of the technique through a \$200,259 grant from the Federal Water Pollution Control Administration. The project title is "Use of Avoidance Behavior to Detect and Quantify Sub-lethal Pollution Effects."

The Canadian zoologist who joined A&M's Institute of Life Sciences last year also has been awarded a \$7,400 pilot experiment grant for similar work in the area of pesticides. The latter award was by the National Institute of Environmental Health Sciences of the U. S. Department of Health, Education and Welfare.

In both cases a previously established \$84,000 "fishing hole"—technically called a computerized monitoring unit—and data on fishes normal behavior patterns will be employed.

"Our procedure will be to determine concentrations of pollutants at which fish show distress and die," the scientist explained.

"We have good reason to believe that we can find a level short of lethal concentration at which fish begin to behave abnormally, long before they actually die," Kleerekoper added.

He noted a great deal of research has been done in recent years on resistance and tolerance of fish to pollutants, including heavy metal pollutants produced in mining. Such substances foreign to the marine habitat cause damage before they reach lethal concentration.

Kleerekoper said the project will concentrate on zinc and copper "which are very serious contaminants."

Studies will be conducted in the computerized monitoring unit, a 4000-gallon, 256-square-foot tank with 2,000 photoelectric cells built into the floor by which fish movements are studied. Lights above the tank cast the fish shadow on the cells which form part of an electrical current connected to a small computer.

Computer-generated data shows direction and speed of movement of the fish under given circumstances, as well as angle of turns.

"We are extremely well equipped to study fish movement and investigate locomotive behavior produced by various concentrations of pollutants," the former McMaster University professor explained.



HOOTENANNY TONITE — 8:00 - 12:00
MSC TERRACE



For all your insurance needs
See U. M. Alexander, Jr. '40
221 S. Main, Bryan
823-0742



State Farm Insurance Companies - Home Offices Bloomington, Ill.

PERSONAL LOANS

LOANS UP TO \$100

Confidential Loan Service

UNIVERSITY LOAN CO.

317 Patricia (North Gate) Telephone 846-8319

AGGIES ... DON'T DELAY!

Order Your Boots Now For Future Delivery - Small Payment Will Do

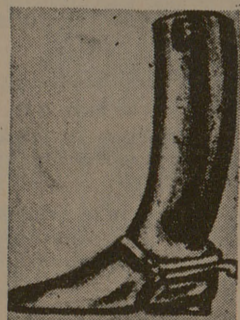
YOUR BOOTS MADE TO ORDER

Convenient Lay-Aways Plan

ONLY \$70.00 A PAIR

Economy Shoe Repair & Boot Co.

509 W. Commerce, San Antonio
CA 3-0047



Something German
authentic saurbraten
Bavarian dumplings
Each Sunday noon
served at Duncan Hall

Open: Monday - Saturday
6:45 A. M. to 1:15 P. M.
4:30 P. M. to 7:00 P. M.

Sunday: Same except
open at 8 A. M.

Best in Bryan
ORR'S
Super Markets

2 CONVENIENT LOCATIONS
200 E. 24th Street Downtown
3516 Texas Avenue Ridgcrest

TOWN TALK BREAD
4 ^{White} 1 1/2 Lb. Loaves **\$1**

Betty Crocker—Layer
CAKE MIXES 19-Oz. Box **38c**

Food King
SHORTENING 3-Lb. Can **49c**

Arrow
PINTO BEANS 2-Lb. Pkg. **25c**

Shurfine
MUSTARD 16-Oz. Jar **19c**

A. F. POPULAR FLAVORS
Mellorine
3 1/2 GAL. **\$1**
CTNS.

A. F. Brand
SHERBERT 1/2-Gal. Ctn. **59c**

Libby's, Frozen—MIX
VEGETABLES 5 10-Oz. Pkgs. **\$1**

Morton—Frozen
MEAT PIES 5 8-Oz. Size **\$1**

Libby's—Cut, Frozen
Green Beans 5 9-Oz. Pkgs. **\$1**

U.S.D.A. GRADE 'A'
FRYERS
Whole **LB. 39c**

All Purpose
Red Potatoes 10 Lb. Bag **69c**

Fresh
TOMATOES Ctn. **29c**

Fresh, GREEN
ONIONS 2 Bun. **19c**

Fresh
RADISHES 2 Cello Pkgs. **19c**

Everyone Wins Up To
50,000 STAMPS
Play Winopoly!
The Fun Game Because Everyone Wins!
Pick up your free card today...
Everyone who plays is a guaranteed winner... You may win 500 stamps, 1,000 stamps, 5,000 stamps or even 50,000 stamps.

PRICES ARE GOOD
THURS. - FRI. - SAT.
JULY 24 - 25 - 26.
QUANTITY RIGHTS
RESERVED.



Shurfine
PORK & BEANS 8 300 Cans **\$1**

Snider's
TOMATO CATSUP 14-Oz. Bottle **17c**

Shurfresh—Saltine
CRACKERS 1-Lb. Box **19c**

Shurfresh—Chunk
TUNA 3 No. 1/2 Cans **89c**

Paper Maid
PLATES 100 Count **69c**

A. F.
LOW FAT MILK **99c**

IMPERIAL—PURE CANE
SUGAR
5 LB. BAG **39c**
LIMIT 1 WITH \$5.00 OR MORE PURCHASE
EXCLUDING CIGARETTES & BEER.

Miss Breck
HAIR SPRAY Reg. or Super 13-Oz. (Reg. 99c) **49c**

Colgate
DENTAL CREAM Giant Tube **44c**

Strained Fruits & Vegetables
GERBER'S BABY FOOD Reg. Jar **8c**

Maxwell House
COFFEE Lb. **59c**

CRISCO SHORTENING 3 Can **75c**

HUNT'S TOMATO PASTE 6-Oz. **15c**

U.S.D.A. Choice — Heavy Beef
ROAST CHUCK Lb. **59c**

Pork Chops Family Pack Lb. **79c**

Blackhawk — All Meat
Franks 12-Oz. Package **49c**

U.S.D.A. Choice—Heavy Beef
Chuck Steak Pound **69c**

A.F. or Blackhawk
Sliced Bacon Pound **79c**

GRAPES
WHITE SEEDLESS
Lb. **19c**