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Career Day set for Saturday

The routine of a home football cludes organized tours, presen-5,000 to 8,000 high school and

junior college students visit Career Day '82. Career Day is an opportunity for students, parents and coun-selors to visit the campus and learn about career opportunities available at Texas A&M, said Elaine Saunders, assistant director of the Office of School Rela-

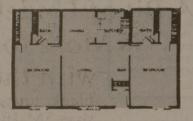
Career Day is on a football weekend to get the people here,

Career Day, sponsored by the Office of School Relations, is a campus-wide activity that in- bought for \$3.

weekend at Texas A&M will be tations and open houses. Infor-interrupted Saturday when mal tours of the campus start at the Rudder Information Desk if

Exhibits will be in the Acade mic and Agency Building, Halbouty Geosciences Building, Heldenfels Hall, Langford Architecture Center, O&M Building, Veterinary Medicine Complex and Zachry Engineering Center from 10 a.m. to 3 p.m. Faculty and students will be available from each department to answer questions and show people around.

Football tickets to the Texas A&M-Lousiana Tech can be

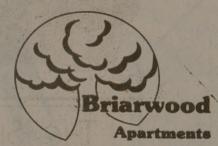


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Federal aid down; contributions up

by Michael Larkin

Battalion Reporter
Although federal student
financial aid has declined in recent years, private contributions have helped keep scho-larships at Texas A&M University on the upswing, Dr. William McFarland, director of student financial aid, said.

McFarland said former students have been most cooperative in trying to shoulder some of the burden feder-

al cutbacks have caused. Still, 1,000 fewer students are receiving financial aid this year than two years ago.
Although 12,000 students

received aid in the 1980-1981 school year, only ll,000 stu-dents will this year, McFarland said.

This decrease not only reflects the cutback in aid, but also a change in philosophy concerning the requirements for aid, McFarland said.

'There have been some re-

ductions. Most of the changes, however, reflect an effort to return the aid programs to their original purpose, which was to help students cover the cost of a college education-not to carry the whole bur-den," says a U.S. Department of Education circular which has been released recently.

This is a reversal of the liberal view of financial aid that was prevalent during the 1960's and 1970's, McFarland

McFarland cited these fi-

— In 1980-1981, \$23 million was available for loans or grants, but only \$15 million will be available this year.

— The federal share of that aid in 1980-1981 was \$16.5 million, but this year's total is expected to be only \$8.2 million.

— Local donations have increased from \$4 million in 1980-1981 to about \$5 million in 1982-1983.

But the \$8.2 million of federal aid is an optimistic figure because it is tentative. Until Congress approves the figure, the University can use only half of that sum.

Exceptions to that are the National Direct Student Loans and the Pell Grants. Currently, the University can finance the N.D.S.L. loan with money it has collected from repayments of previous N.D.S.L. loans. This amounts to \$30,000, McFarland said.

bond

new 1

The \$2.5 million in Pell Grants was unaffected. But Congress is thinking of eliminating the Pell Grant in the 1983-1984 year, he said.

Because Congress might not decide 1982-83 figures until November, application for aid in the upcoming year will be delayed by one month, McFarland said.

Hydrogen project receives \$60,000

Battalion Reporter
The Texas A&M Department of Chemistry has received a \$60,000 grant from the National Science Foundation to build a hydrogen research center in the basement of the Chemistry Building by April.

Bill Craven, proposed general manager of the center, said hard because hydrogen can easithe center has not yet received University approval, but he said he is confident it will. The center will be used by a hydrogen research group which formed at Texas A&M in 1980.

The research will deal with the three main problem areas of partment research assistant, said

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— SEPT. 30 —

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portation and storage.

The problem with hydrogen production is basically financial, Craven said. Hydrogen is inexpensively made from natural gas, but the price has to be brought down on the production of hydrogen from water.

Transporting hydrogen is its bond.

Michael Coad, chemistry de-

storage is a problem because hydrogen takes up a lot of room but contains little energy. The hydrogen must be compressed and stored in organic liquids or in a metal hydride, which is similar to a sponge. Hydrogen is flammable and also must be stored away from sparks or extreme heat.

The many uses for hydrogen make this type of research important, Craven said. The main use for hydrogen is making ammonia for fertilizer. Hydrogen also is used as a natural preservative for foods and is used in the glass and steel industries to rid the products of im-

But hydrogen also can be used to fuel cars.

Dr. Robert Zweig, president of the Clean Fuel Institute in Riverside, Calif. was on campu Sept. 16 with his hydrogen powered car. He said air pollu tion in some California cities has been reduced by replacing fossi fuels with hydrogen.

When hydrogen is burne steam is given off instead of carbon monoxide and dissipates into the atmosphere. Hydrogen is used in aerospace projects to fuel rockets.

Craven said as the center ex pands in size, the petroleumano chemical engineering departments also will be able to conduct research that deals with



until October 15)

Reed McDonald

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TUESDAY EVENING SPECIAL

For more info.

845-2611

Mexican Fiesta Dinner Two Cheese and Onion Enchiladas w chili Mexican Rice Patio Style Pinto Beans Tostadas One Corn Bread and Butter

WEDNESDAY **EVENING SPECIAL**

Chicken Fried Steak w cream Gravy Whipped Potatoes and Choice of one other Vegetable
Roll or Corn Bread and Butter Coffee or Tea

THURSDAY EVENING SPECIAL



Italian Candle Light Spaghetti Dinner SERVED WITH SPICED MEAT BALLS AND SAUCE Parmesan Cheese - Tossed Green Salad Choice of Salad Dressing — Hot Garlic Bread Tea or Coffee

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FRIDAY EVENING SPECIAL

BREADED FISH FILET W TARTAR SAUCE Cole Slaw Hush Puppies

Choice of one vegetable
Roll or Corn Bread & Butter
Tea or Coffee

SATURDAY **NOON and EVENING** SPECIAL

Yankee Pot Roast (Texas Salad) Mashed Potato w gravy
Roll or Corn Bread & Butter

Tea or Coffee

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THA

SUNDAY SPECIAL **NOON and EVENING**

ROAST TURKEY DINNER Served with Cranberry Sauce Cornbread Dressing Roll or Corn Bread - Butter Coffee or Tea Giblet Gravy And your choice of any One vegetable