

The Battalion

Vol. 66 No. 133

College Station, Texas

Wednesday, July 21, 1971

845-2226

Hot
and
humid

Partly cloudy to cloudy, wind
southeasterly 5 to 10 m.p.h.
Showers, thundershowers. Heavy
Scattered afternoon rain.
Showers, thundershowers
heavy Saturday afternoon.



Firefighters at the Firemen's Training School practice their trade using latest chemical warfare. Over 2,000 municipal firemen are here this week. (Photo by Debi Blackmon)

Record number of firemen here for instruction

A record 2,230 student firemen, instructors and sales representatives are here for the 42nd annual Texas Firemen's Training School.

The enrollment includes representation from four foreign countries — Mexico, Saudi Arabia, Venezuela and Brazil — and 10 states, including New York, Minnesota and Florida.

Municipal enrollment last year was 1,950.

Created by the Texas Legislature in 1930, the school is conducted by A&M's Engineering Extension Service with cooperation from the Texas Education Agency. Sponsor is the State Firemen's and Fire Marshals' Association of Texas.

The one-week municipal program ending Friday, is followed by a one-week session for industrial firemen and a third one-week training program for Spanish

speaking firemen from Mexico, Central and South America.

Chief Instructor Henry D. Smith and his seven-man Engineering Extension Service staff will be aided by 485 experienced instructors and speakers made available by municipalities, industries, manufacturers, state and federal agencies and the armed services.

Smith said the emphasis this year is on training the firemen to use new "light water" chemicals in fire-fighting classes and modern techniques in management, operation and investigation programs connected to the fire service.

"More than 134 different companies, organizations, and individuals have donated or loaned the Firemen's School more than \$600,000 worth of equipment and supplies," Smith said.

The 26-acre Brayton Firemen's Training Field west of the main

campus, where the field operations are being conducted, is considered the best training course in the nation with \$700,000 in facilities.

The first week attracts volunteer and paid firemen from small communities and large cities. Practically all of the training (except fire prevention, fire administration, fire department instructor, and supervisory development courses) are conducted on the field with actual apparatus and utility equipment used in actual fire-fighting.

Courses include sessions on rescue operations, proper use of ladders in removing victims from a fire, uses and limitations of hoses, forcible entries, new and proper use of protective equipment and combined operations involving various types of fires the firemen might have to handle.

(See Record page 5)

Show planned tonight

Something for the entire family is planned tonight when instructors for the 42nd annual Texas Firemen's Training School host the public for equipment displays and firefighting demonstrations.

The program begins at 7:30 at Brayton Firemen Training Field, south of Easterwood Airport.

Chief Instructor Henry D. Smith promises a good show for youngsters and adults.

Rescue equipment and fire trucks will be on display at the front of the 26-acre fire field and some equipment companies will demonstrate the equipment.

Texas A&M's experimental pumper, which uses six-inch hoses, will be the first demonstration. Smith will explain the

research behind the pumper and members of his staff will show its application using a variety of hose lines and water nozzles.

Ward LaFrance Truck Co. follows with a demonstration of its command tower.

Examples of practical application of fire extinguishing systems, is scheduled by Safety First Fire Equipment Co. A company representative will show fire extinguisher use in kitchens, ovens, tanks, dipping vats and paint booths.

One of the traditional crowd pleasers is the airplane fire. This demonstration includes use of foam to simulate fighting a fire aboard a crashed aircraft.

Other demonstrations will include use of breathing compressors,

fighting a house fire, rescue operations, hand fire extinguisher capabilities and limitations, liquified petroleum gas fires and several demonstrations of chemicals mixed with water to quickly extinguish large or small blazes.

The "light water" will be used on pit, tank and pipe rack fires, Smith said.

The demonstrations will take approximately 90 minutes.

5,654 enroll for second summer term

Second-semester summer enrollment here is a record 5,654 students including 839 women.

Registrar Robert A. Lacey said current registration represents an increase of 172 over the same period last year.

Main campus enrollment is 5,353. An additional 159 students are participating in the Texas Maritime Academy's summer cruise, while 98 are studying at the Texas A&M Adjunct at Junction and 44 at the Marine Laboratory in Galveston.

Enrollment last session was 6,507.

Board of Directors to meet Tuesday, consider budgets

The Texas A&M University System Board of Directors will meet Tuesday in Galveston.

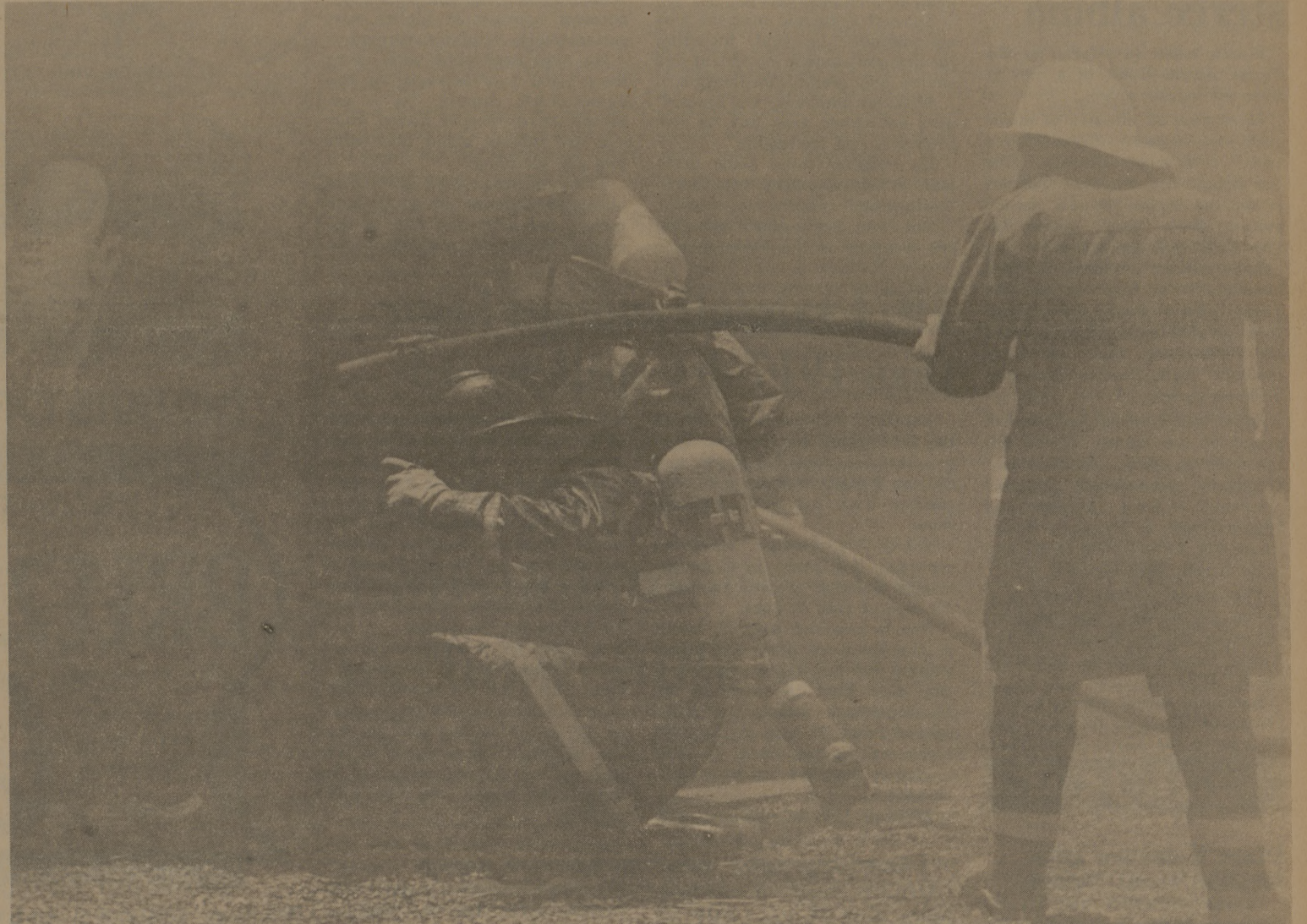
Major items of business include consideration of 1971-72 operating budgets for the 11 parts of the system, including its three academic institutions — Texas A&M University, Prairie View A&M College and Tarleton State College.

The board also is scheduled to

hear a proposal to establish an Occupational Health and Safety Institute at Texas A&M.

In addition to its business meeting, the board of directors will host a dinner Monday evening for Galveston's top city officials and civic leaders.

The board meeting will be held at the Holiday Inn beginning at 9 a.m.



Closer in and living up to the nickname smokeeater, student firemen try their hand at close-in work using gas masks for protection. The firemen will give public demonstrations tonight at 7:30. (Photo by Debi Blackmon)

Swede here for research through exchange program

Stefan H. Johansson has traveled almost halfway around the world this summer looking for molecule-size objects.

Johansson is participating in protein synthesis research at Texas A&M through mid-August. He also hopes to see as much American theater as possible and swap ideas with people.

The 24-year-old Swede is a food chemistry major at the University of Technology in Lund, Sweden.

Johansson will return to the Southern Sweden institution in September for the last term of a five-year chemical engineering degree program.

His two months work in a bio-engineering lab here is supervised by Dr. Paul Newell and coordinated with Dr. James Chapel, biochemist who came to the university recently after two years of post-doctorate work at M. D. Anderson Hospital in Houston.

From the experience, Johansson said he expects to finalize a project for his last year of study.

"We're interested in Stefan because of his background in food chemistry," said Newell, mechanical engineering professor who directs Teague Research Center

work. The lab cooperates with other Texas A&M investigators of dietary supplements and food sources.

Johansson is here through the International Association for the Exchange of Students for Technical Experience (IAESTE), in which A&M students have studied and worked in Spain, the Netherlands and other European countries. The technical program also enables broader cultural understanding.

Johansson was selected for IAESTE participation from among 200 qualified Lund students.

"I've found everyone very open, very friendly," commented the brown-eyed, brown-haired student whose fifth year of studies will be about the equivalent of final master's degree work in the U.S.

"Invitations to visit in a home, go out to eat and so forth have been extended nearly every night," he smiled.

While walking into Bryan one free evening, he was offered a ride by Clarence Shaw, an environmental design student from Calcutta, India. They wound up at the home of J. T. L. McNew,

M.D., for discussion of politics and ecology, among other topics.

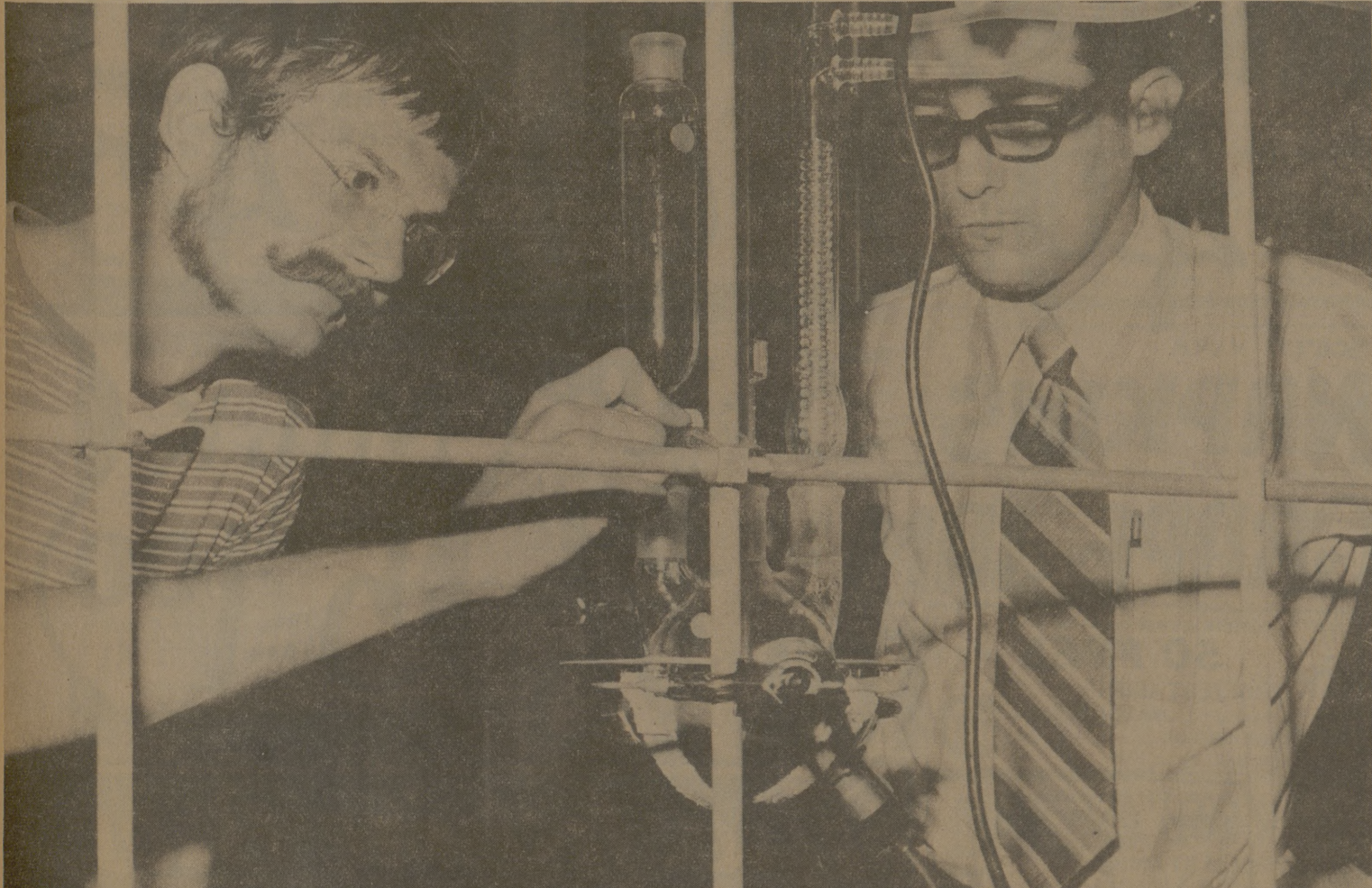
The son of a small-town Swedish farmer, Johansson is well-traveled in Europe, through his theater experience. He studied drama and has participated on tours in Italy, Germany, Poland and France. With a choir Stefan toured Austria, Switzerland, England and Scotland.

He speaks English with a British flavor and has done some Shakespeare, though his acting has centered primarily around Moliere, 17th century French playwright-actor.

Memorial Student Center Director J. Wayne Stark wants Stefan to have the opportunity to visit Houston's Alley Theater.

Earlier this week, between lab sessions at the Research Annex, Dr. Chapel took Johansson to Houston for a tour of the Manned Spacecraft Center including the lunar receiving lab and lunar excursion module lab, a five-acre stretch of simulated moon surface.

University National Bank
"On the side of Texas A&M."
—Adv.



International visitor Stefan Johansson works in a bio-engineering lab with Dr. James Chapel, university bio-chemist. They check distillation apparatus, through which amino acids are refined for use in investigations.