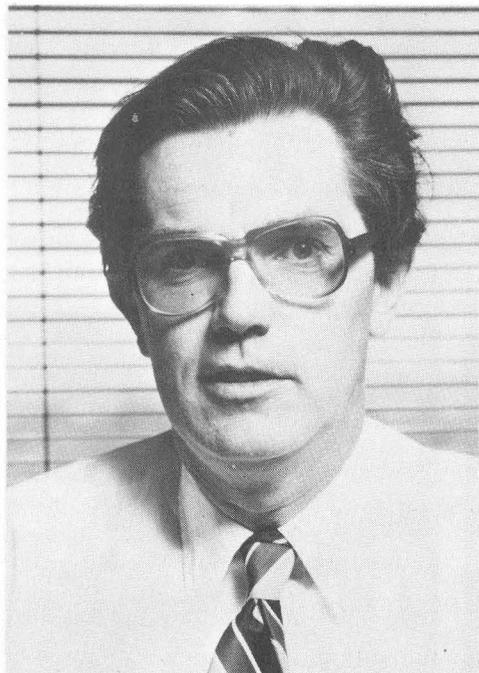


October 13, 1983

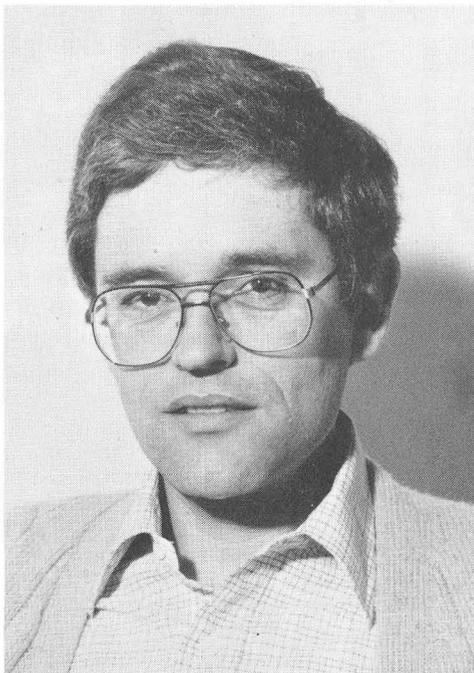
FERMI NATIONAL ACCELERATOR LABORATORY

FermiNews

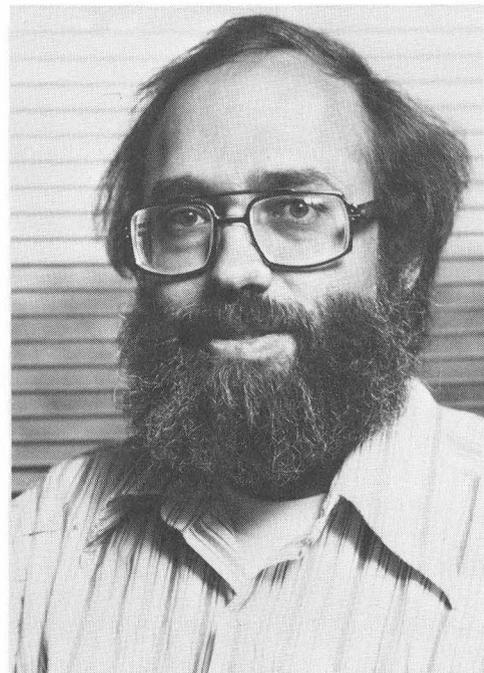
WHO'S WHO IN THE FERMI LAB SAFETY SECTION



Lincoln Read



Larry Coulson



Sam Baker

Larry Coulson, Fermilab physicist, was appointed Head of the Safety Section at the beginning of 1983. Coulson, who joined the Laboratory in 1972, previously served as leader of the Radiation Physics Group and deputy head of the Safety Section. He replaced **Lincoln Read**, who served as section head since 1978 and is now deputy head. **Sam Baker**, who coordinates the Laboratory's environmental protection efforts, is the Safety Section's assistant head.

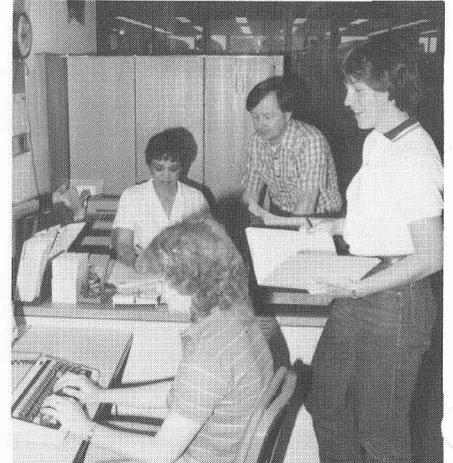
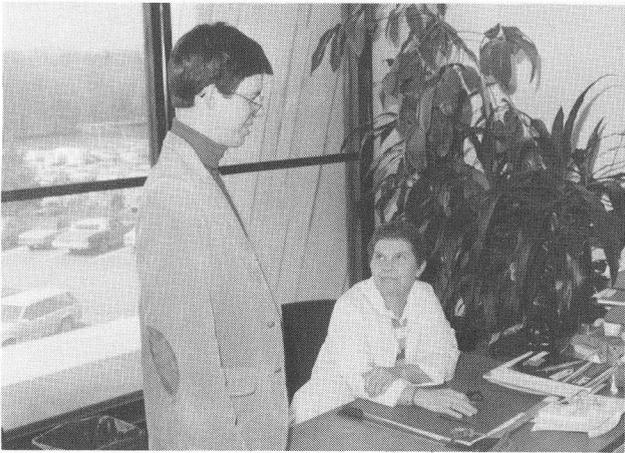
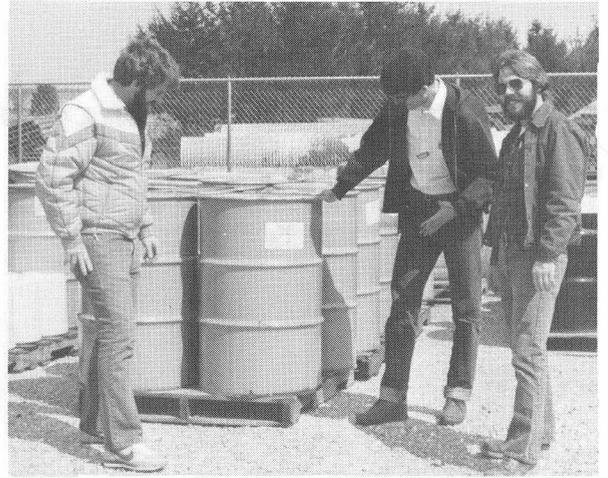
The work of the Safety Section is done by four groups. The Environment & Safety Group, headed by **Tim Miller**, Fermilab industrial hygienist, is responsible for monitoring the Laboratory's efforts in industrial hygiene, environmental protection, and industrial safety. Miller is assisted by **Bob Allen**, **David Cathey**, **Terry DeLaney**, **David Hockin**, **John Phillips**, and **Mike Ruhe**. Other services provided by this group include industrial hygiene sampling, the collection and disposal of waste chemicals, and management of the Laboratory's safety glasses program.

Another important concern at Fermilab is radiation safety. The Radiation Physics Staff Group is headed by **Jack Couch**, Fermi-

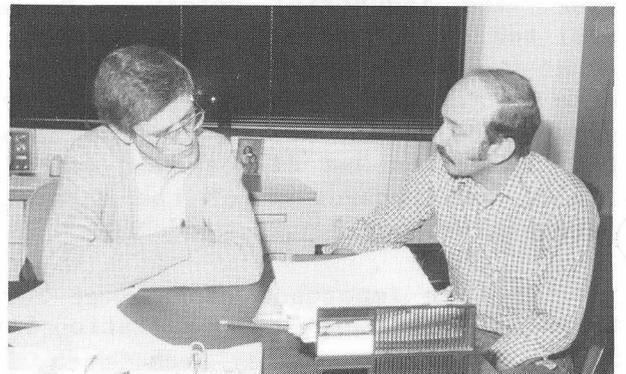
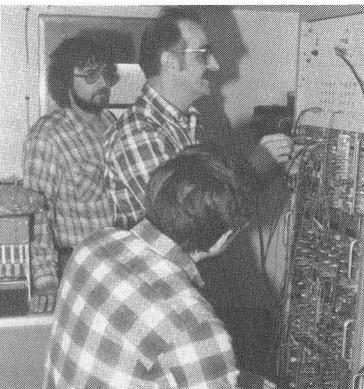
lab physicist. Other staff members are **Rich Allen**, **Alex Elwyn**, **Bill Freeman**, **Deb Grobe**, and **Myrtis Martin**. They are responsible for monitoring radiation safety practices and precautions throughout the Laboratory, as well as the radiation film badge, rad waste management, environmental radiation monitoring (MERL), and rad source management programs.

The safety support services provided by the Safety Section are the responsibility of **Chuck Zonick**, leader of the Radiation Physics Technical Support Group. In addition to providing and maintaining detectors and other instrumentation for radiation safety systems, their services include the maintenance and calibration of oxygen monitors and collection and disposal of radioactive waste materials from the accelerator and experimental area beam enclosures. Other group members are **Tom Anderson**, **Bill Arnold**, **Jay Baldwin**, **Darrel Bancroft**, **Tom Golaszewski**, **Butch Hartman**, **Ken Horsey**, **Bob Kingsley**, **Fred Krueger**, **John Larson**, and **Joe Leo**.

The work of the Safety Section is assisted by **Jenny Rapovich** and **Cindy Mau**. A
(cont'd. on pg. 4; photos on pg. 2)



Safety Section Personnel

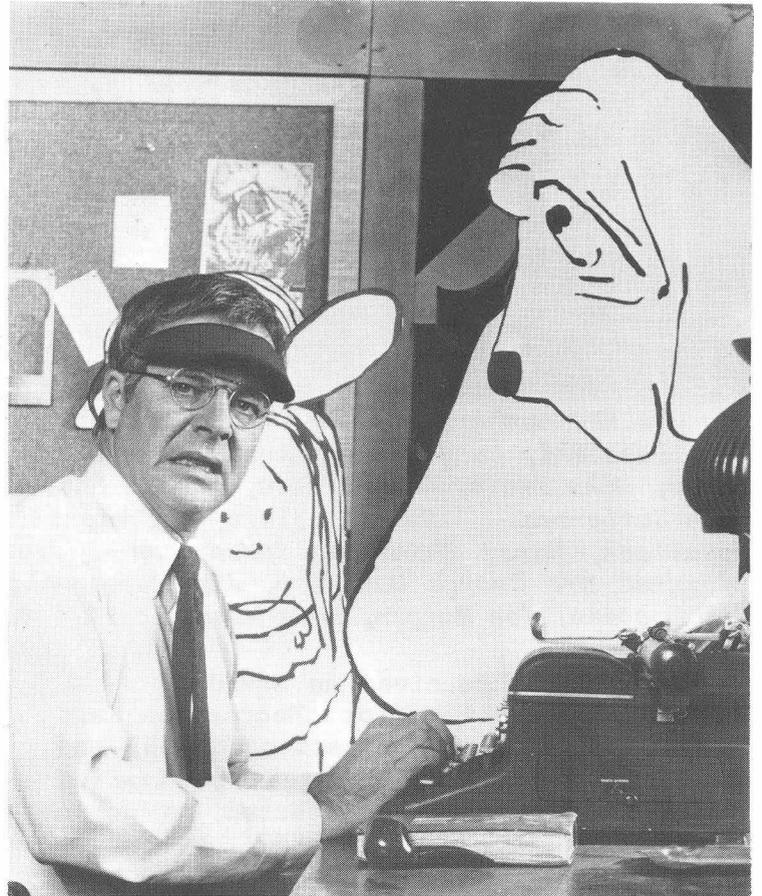


WINDOM RECREATES THURBER IN AUDITORIUM NOV. 5

From "The Secret Life of Walter Mitty" to "Teacher's Pet," the works of James Thurber are truly a "national treasure." On Saturday, November 5, at 8 p.m., the wit, satire, and wisdom of James Thurber will be recreated by Emmy-award winning actor William Windom when he performs "Thurber I" in Ramsey Auditorium.

Windom is a renowned and popular actor who is probably best known for his television roles in "The Farmer's Daughter" and "My World and Welcome to It," a series loosely based on the life of James Thurber. Following the TV series, Windom selected and prepared "Thurber I" from the numerous reports, stories, and fables written by the beloved author. Since 1972, Windom has performed his one-man shows on Thurber over 400 times, and he has been acclaimed as a "polished...performer" who has "won his place in the actor's hall of fame!" Further, his production of "Thurber I" has been acclaimed as a "carefully crafted" show which provides "an oasis of laughter and civilized stimulation."

Author E. B. White noted that James Thurber "inhabits a world of his own." To step into that world for an evening, reserve your tickets today. Admission is \$6, and tickets are now available at the Information Desk in the atrium of Wilson Hall. For further information or phone reservation, call ext. 3353. Phone reservations are held for five days, but due to ticket demand, those reservations not paid for within five working days will be released for sale.



William Windom as "Thurber"

R. R. WILSON TO SPEAK TO SIGMA XI ON NEUTRINOS

The local Sigma Xi club presents Fermilab Director Emeritus Robert R. Wilson in a lecture Thursday, October 20, at 8 p.m. in Ramsey Auditorium. No reservations or tickets are required.

A very ambitious project for mapping the interior structure of the earth is discussed in Wilson's lecture, "Using High Energy Neutrinos to Explore the Interior of the Earth." The purpose is to scan the solid earth with a neutrino beam, much as a physician scans the human body with X rays. Obvious applications include the search for oil, gas, and minerals, and determining the vertical density profile extending into the core of the earth. The earth is essentially transparent to low energy solar neutrinos and to neutrinos produced at present-day particle accelerators. High-energy neutrinos, however, such as those produced by particle beams of 10-20 trillion electron volts (TeV) will interact significantly in the earth, and the variation in transmission through the earth can be detected.

Consequently, a description of ultrahigh energy particle accelerators 100 miles in circumference, which will produce high-energy neutrinos, will form an important part of Wilson's talk.

NALREC RECEIVES RECREATION AND SERVICE AWARD



NALREC members standing (left to right) are Walter Coleman, Gary Andrews, Mary Fray, Jane Pesetski, Lucy Reuter, Ann Casperson, Ginny Ritchie, Jim Fritz, Charles McNeal, Alma Karas, Mike Frett, Carmen Vera, Marsha Patterson, Glenn Lee, Dave Muniz, Bob Shovan, and Pete Gutierrez. Seated (left to right) are Sharon Koteles, Jim Fourmont, Helen McCulloch, Nancy Shanahan, Jesse Guerra, Jo Baaske, Jean Plese, and Linda Even. Not pictured are George Davidson, Jim Fitzgerald, Claudia Foster, Ed Justice, Ed LaVallie, Bob Lootens, Joe Morgan, Rose Muth, Ed Pilling, Nelson Sample, and John Satti.

NALREC has received an award from the Chicago Association for Recreation and Employee Services Organization (CARES) and the National Employee Services Organization (NESRA). The award, presented to Jesse Guerra, president of NALREC, reads as follows:

"CARES in cooperation with NESRA gratefully acknowledges the valuable contributions made by Jesse Guerra and NALREC of Fermilab whose volunteer services and cooperation with CARES have improved the quality of employee services and recreation."

CELEBRATE FALL IN BARN TOMORROW

Tomorrow, Friday, October 14, the sounds of fall celebration will be heard in and around Kuhn Barn in the Village. Brats, hot dogs, sauerkraut, and Beck's beer will be available starting at at 5:15 p.m. Hit tunes of the 50's and 60's will be played by the "Hitmen" starting at 7:30 p.m. For more details call Jim Fourmont, ext 4357 or Nancy Shanahan, ext. 3619.

Fermilab is operated by Universities Research Association, Inc. under contract with the U. S. Department of Energy. Ferminews is published by the Publications Office, P. O. Box 500, Batavia, IL 60510, phone (312) 840-3278.

EXT. 4646 - SAFETY INFORMATION

(cont'd. from pg. 1)

major function of the safety section leaders, and of the administrative group, is to coordinate the extensive formal communications between the Laboratory and DOE on matters concerning safety.

The Safety Section is located in Wilson Hall 7-E and in a number of small laboratories in the Village and elsewhere on site. If you have a question concerning any aspect of Fermilab safety, please call ext. 4646 for assistance or information.

BIRD OUTING ON SITE OCTOBER 16

Once again it is the time of year when the supply of food for ducks begins to wane in the north and migration begins. Heading toward Fermilab, they congregate in numbers sufficient to darken the sky. By mid-October great teeming hordes of dozens of species may be seen on site.

An Audubon bird outing is planned for 9:30 a.m. on Sunday, October 16, to witness this spectacle. We will meet at the east (Batavia Road) entrance. Bring binoculars and bird guide, if you have one. For more information, call Dave Carey, ext. 3639.

CLASSIFIED ADS TO BE DISTRIBUTED WITH FERMINES OCTOBER 13, 1983

FOR SALE:

HOUSE: FIVE-BEDROOM BRICK HILLSIDE RANCH NEAR AURORA. On 6.3 acres, 3 car garage, 3-1/2 baths, full furnished walk-out basement, stone fireplace, dishwasher, disposal, built-in stove with microwave, central air cond., and central vacuum. \$195,000. For more information, call Chery, ext. 3222.

CARS: 1979 FORD MUSTANG GHIA HATCHBACK. 6-cyl., A/C, P/S, P/B, AM/FM stereo radio, 21,000 mi., good cond. \$3,800. Call Mary, 896-1394.

1976 DODGE CHARGER SE. Power steering, brakes, windows, and driver seat, cruise control, heavy-duty trans., good gas mileage, and custom interior, handling, and power packages. Excel. cond., must see (photo on bulletin board Wilson Hall 1W). \$3,500. Call Kurt Johnson, ext. 4357.

1974 MAVERICK. Good cond., \$1,100 or best offer. Call H. Johnstad, ext. 3952, or M. Nikolic, ext. 4007.

1965 CORVETTE CONVERTIBLE. 327 engine, 300 HP, new paint, rebuilt engine, new 3,800 LB clutch, pressure plt. and throw-out bearing, new radiator, front calipers, and alternator. Call Brian Smith, ext. 4587.

MISC: 1977 TERRY 25-ft RECREATIONAL TRAILER. Air cond., compl. bath, fully carpeted, bedroom sleeps 4, lg. refrig. w/freezer, furnace w/blower, 16-ft carefree awning, 2 30-lb. gas bottles, set of leveling jacks, spare tire (never used), heavy-duty easy-lift tow package with easy-lift antisway bar. \$5,000 or best offer. Call 552-7256.

1981 ENDURO SUZUKI TS185. Low mileage, good runner, very good condition. \$800 or best offer. Call Ed Dijak, 879-2865.

1979 YAMAHA 400 MOTORCYCLE. 2-cyl., 4-stroke, 14,000 mi., \$800. Call T. J. Gardner, ext. 3699 or 897-9656.

TEXAS INSTRUMENTS HOME COMPUTER. Technical and interfacing manuals, numbers magic cartridge, hardly used, \$90 or best offer. Call ext. 3668.

BALLY FIREBALL PINBALL MACHINE. Four players, full 22 in~x42 in. solid wood playfield, electronic computerized game brain with LED scoring, programmed sound. \$495 includes delivery, set-up, and instructions. Payment plan available. Call George Spisak, ext. 4665 or 743-3800.

continued on reverse

LIGHTED BEER SIGN. \$25 or best offer. Call Henry, ext. 3198 or ext. 3377.

FRESH NATURAL HONEY. Call John Dinkel, ext. 4051.

SHELTIE PUPPIES. Whelped Aug. 25, AKC, champion lines. \$175. Call Greg Lawrence, 557-2523.

BABY CHINCHILLAS (SILVER). Born 8/12/83. \$25 ea. Call Edie, ext. 3621 or 393-3357 after 6 p.m.

BABY PARAKEETS (BLUES & GRAYS). Hatched 8/14/83. \$10. Call Edie, ext. 3621 or 393-3357 after 6 p.m.

For the following items contact Bob Flora, ext. 3769 or 879-5079. Cannondale bicycle "bugger," \$25; Schwinn 20-in. Spyder Bicycle, \$3; "Greenmachine" "Big Wheel," \$2; 2 Sears Roadhandler Sport Radials 155R13 (3/16"-tread) mounted for Subaru, \$4; 2 wrought-iron railings 34"x50", \$6.

For the following items contact Herb Olson, 898-9198. Raw natural honey, \$3/qt. and fresh apple cider, \$2/gal., will deliver to the Lab each Friday. Two 48-in. naugahyde seats with backs for boat or van, \$10 ea.

For the following items contact Mark Leininger, ext. 4776 or 695-3263. Remington 870 shotgun, 12 ga., Monte Carlo stock, vented rib., \$250; Remington 700 BDL rifle with 3-9x scope, \$350; Canon A-1 Camera, Vivitar 28-50 zoom, Sunpack 422 flash, Cokin filters, bag, \$350; and lumber (2x4's): 12-12 ft, 10-10 ft, 9-6 ft, \$25.

For the following items call Eva, ext. 3211 or 584-8786. Kelly 4-frame honey extractor, \$65; Rotoho 990 rototiller, 2 yrs. old, \$295; Rotoho shredder-grinder, 2 yrs. old, \$225; Monochem 12-volt chemical toilet suitable for camper or cabin, \$100; Victorian mirror, approx. 3'x4', ornate frame, \$175.

FREE: CUTE KITTENS. All white - 2 females, black/white - 1 male and 1 female. Short to medium haired, very small, will be ready to leave home Oct. 17. Call Lisa, ext. 3808.