

FermiNews

The Newsletter of the Fermi National Accelerator Laboratory

TOM NASH APPOINTED ASSOCIATE DIRECTOR

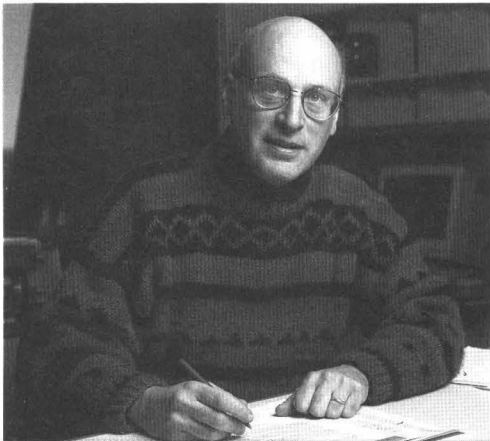
TOM NASH, former head of the Computing Division, was appointed the Laboratory's Associate Director for Scientific Technology and Laboratory Information effective January 1, 1994.

As Associate Director for Scientific Technology and Laboratory Information, Tom will be responsible for maintaining Fermilab's strong position in computing and electronics. Part of this role includes devising a Laboratory-

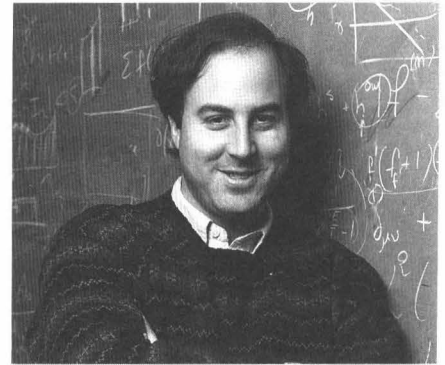
wide strategy to guide the development of these resources. Tom will manage technology relations with industry and government, and he will also coordinate the Laboratory's strategic plan to shape Fermilab's contributions to science and the nation in the years ahead.

In making the appointment, Fermilab Director JOHN PEOPLES commented that Tom's new position will allow him to forge collaborations with industry to transfer Fermilab technology into the marketplace. "For some time I have sensed the need to coordinate our multiple electronics efforts for detectors so as to bring industry into these efforts at the design and specification stage," John remarked. "I have asked Tom to coordinate the activities of all divisions and sections in these areas."

Tom received his Ph.D. in physics from Columbia University in 1970 and was a Carnegie Science Fellow at Stanford University from 1988 to 1989. ■



Tom Nash



Josh Frieman

FRIEMAN TAKES OVER ASTROPHYSICS

JOSH FRIEMAN was appointed head of the Theoretical Astrophysics Group January 1, replacing the department's long-time leader ROCKY KOLB.

Rocky stepped down after serving Astrophysics for 10 years as its first head. Rocky will be devoting his new-found time to the study of cosmology. "There are just a few things about the universe still to understand," said Rocky. Rocky added that he feels Josh will do a great job. "The Universe is in good hands."

Josh had been deputy head for the group since June 1993. In October 1992, he was promoted to Scientist I. Josh is also an associate professor of astronomy and astrophysics at the University of Chicago. Josh began working at the Lab in 1988 as an associate scientist. He conducted his postdoctoral research at

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FermiNews

Friday, February 4, 1994 • Volume 17, Number 2



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SCIENCE BOWL COMING TO LABORATORY

When 72 of the area's top high school science and mathematics students and their coaches converge on Fermilab February 26, 1994, they'll have one thing on their minds: "What gas makes up the majority of our atmosphere?"

Actually, the answer to that question (nitrogen) is probably a "no-brainer" to these whiz kids. Instead, they'll be preparing for truly challenging questions, perhaps in astronomy or physics, when they take part in the 1994 Fermilab Regional Science Bowl.

Twelve teams from Batavia, Bolingbrook, Burlington, Carpentersville, Crystal Lake, Elgin, Frankfort, Hampshire, Romeoville and St. Charles will square off in the upcoming academic rivalry, but only one team has a shot at competing in April at the U.S. Department of Energy's National Science Bowl in Washington, D.C.

Team members' friends and families are expected to turn out to cheer for their favorite teams in Ramsey Auditorium, and spectators also are welcome.

The competition will follow a double-elimination format, incorporating the same set of rules used at the National Science Bowl. Preparing for the Fermilab Regional Science Bowl requires team members to study astronomy, biology, physics, earth science, chemistry, math and computer science questions or to practice with a computer version of the National Science Bowl game. With coaches providing the leadership and encouragement and the students supplying the basic knowledge and enthusiasm, these contestants have everything they need for a fast and furious Fermilab Regional Science Bowl. All teams will receive tee shirts and lunch courtesy of DOE and Fermilab, and the top four teams will be awarded trophies.

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After the showdown at Fermilab, the winning team and their coach will travel to the 1994 National Science Bowl April 22-25 in Washington, D.C., compliments of DOE. The lineup for the National Science Bowl will include winners from all of the Regional Science Bowls held across the country and in Puerto Rico.—*Brian Charles*

Want to Lend a Hand?

Running the Regional Science Bowl requires the efforts of many people. Thirty volunteers will be needed to be timekeepers, moderator/rules judges, scorekeepers and scientific judges. You can become a part of this exciting educational event by contacting Robin Dombeck, x8260, dombeck@fnalv. Your time commitment would be from 7:30 a.m. to 2:30 p.m., Saturday, February 26. Training will be done that morning. If you can support education programs in this capacity, please volunteer!

SALARIES FROZEN FOR THE 1994 FISCAL YEAR

Last May Secretary of Energy Hazel O'Leary announced that the Department of Energy would put into effect a one-year salary freeze for DOE contractor employees. This freeze is for the federal fiscal year that began October 1, 1993. The freeze applies to all DOE contractors including national laboratories such as Fermilab.

The annual salary review normally con-

ducted for July 1 increases will not occur this year. We will have a small pool of funds for allowable salary actions to cover promotions and merit increases during the period from July 1, 1994 to June 30, 1995.

The freeze is to last one year as a budgetary action. Our next Laboratory-wide salary review will be conducted for July 1, 1995.

PUBLIC INFO OFFICE "TELLS THE FERMILAB STORY"

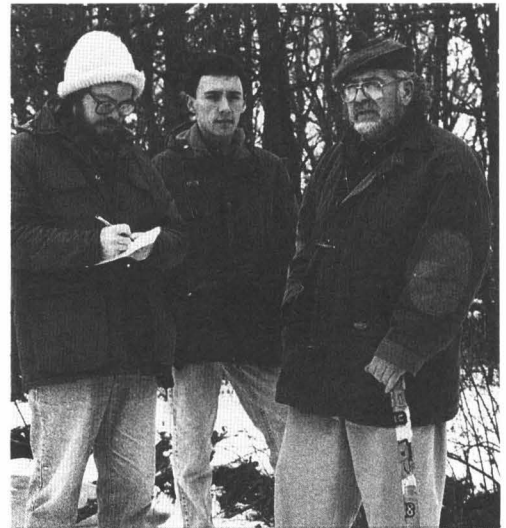
Who is your Director?
 What is the Tevatron?
 Where is the Activities Office?
 When did the Tevatron reach 512 GeV?
 How many buffalo do you have?

This is just a sample of the variety of questions that the Public Information Office handles on a routine basis. They offer assistance to the sixth grader from Batavia writing a science report or to the college professor from Michigan trying to build a spark chamber.

Interfacing with local and national media to help them research, understand and communicate any and every aspect of the Fermilab story is a major function of the office. This can include answering a specific question, spending several days touring, arranging interviews and photo sessions, as well as

issuing press releases and developing other public communications. As an employee, if you receive a call from the media for comments, interviews or photos, please call PIO so they can expedite the request. PIO thus can assist Laboratory personnel, as well as journalists, in telling the Fermilab story.

In addition to media relations, PIO provides a guided tour program that gives high school, college and community groups an opportunity to visit and learn more about the Lab. The office operates an informal speakers bureau sending Laboratory representatives to talk with service and professional groups off site. If you are interested in helping people learn more about Fermilab, just pick up the phone and call PIO at x3351. A collection of slides, transparencies and videos are maintained for Fermilab employees and users to bor-



Mark Foster (l) of the Kane County Chronicle takes notes while Brian Charles of the PIO and Rudy Dorner (BSS) (r) discuss the Lab's outdoor environment.

row when speaking to various groups. The office also sells Fermilab postcards, current books on high-energy physics and distributes free, non technical literature about the Laboratory.

If you have a Fermilab question, stop by the Public Information Office on WH1E and the PIO staff will try to give you an answer!

Fermilab Snow Closing Information

On those snowy and icy winter mornings do you wonder whether or not the Lab is open for business? You can find out emergency closing information regarding Fermilab from the following radio stations, WFLD-TV, Channel 32 and the Emergency Closing Center.

For 24-hour closing information call the Closing Center at 1-900-407-SNOW (1-900-407-7669) and enter Fermilab's main number, 708-840-3000. There is a \$0.95 charge per minute.

■ WMAQ	670 AM
■ WGN	720 AM
■ WBBM	780 AM
■ WLS	890 AM
■ WLS	94.7 FM
■ WBBM	96.3 FM
■ WUSN	99.5 FM

ASTROPHYSICS

continued from page one

SLAC, and received his Ph.D. in physics in 1985 from the University of Chicago.

Josh will now be responsible for providing leadership for the staff of scientists, postdocs and visiting and guest scientists in Astrophysics.

Josh said, "Rocky did an outstanding job directing the growth of the nascent Astrophysics Group into the premiere environment for this kind of research in the world. He's left big shoes to fill, Rocky must be at least a size 13, and I hope to continue to move us forward as the field of particle astrophysics matures." Josh added that the group plans to "retire Rocky's number, which is about 10⁸⁰." ■

WILSON HALL MEZZANINE OCCUPANTS MOVE IN

Work is nearly complete on the final stage of the Wilson Hall mezzanine construction project.

In late November, 11 FESS/Engineering & Planning and Building Services members moved into the west side mezzanine office space. The remaining sections of the mezzanine will be completed following final electrical and computer wiring and furniture deliv-

ery. The mezzanine covers the area from the east side elevators to the west wall.

ED CRUMPLEY, head of Engineering & Planning, said 21 E&P personnel will occupy the mezzanine when the project is complete. Work is expected to be finished in April. The new mezzanine features an open office plan that incorporates the use of free-stand-

The new mezzanine features an open office plan that incorporates the use of free-standing furniture partitions and indirect lighting.

ing system furniture partitions and indirect lighting. The indirect lighting system uses wall sconces to achieve an overall lower level of light and task lighting attached directly above work surfaces. The indirect lighting reduces computer screen glare that can result in eye strain.

In other construction news, work on the Wilson Hall ground floor remodeling project is continuing. The E&P group is working with the Directorate to determine where the final occupants will be placed based on master planning of the ground floor, mezzanine and first floor of Wilson Hall, said Ed.



FESS personnel Kirsten Olson (l) and Lisa Jenkins (r) are two of the first employees to occupy office space on the west side of the new mezzanine.

Industrial Hygiene Indicators Reported

On an as needed basis, the ES&H Department, along with Division/Section ES&H groups, conducts air, bulk and wipe samples to evaluate employee exposure to possible industrial hazards.

The following are the industrial hygiene performance indicators statistics for the last half of 1993:

AIR SAMPLES

There were 153 air samples taken for

a variety of materials. All were below OSHA or ACGIH exposure limits.

BULK SAMPLES

Fifty-four samples were taken. Fifty-three were to determine if the materials contained asbestos. Twenty-five percent of these were positive for asbestos. Materials identified as containing asbestos were either removed, scheduled for removal or managed and inspected to minimize fiber release. There were 10 asbestos removal projects completed.

WIPE SAMPLES

Thirty-eight wipe samples of various surfaces were taken for metal content (lead, beryllium, zinc). Sixteen percent were above Fermilab standards. These areas were cleaned and levels were successfully reduced below the standards.

OCCUPATIONAL ILLNESSES

There were no reported occupational illnesses during the last half of 1993.

People & Events

RON CURRIER TO RETIRE

Long-time employee RON CURRIER (RD/MSD) will retire February 28, 1994. Ron began working at the Laboratory



in September 1969 in the Beam Transfer Department. In 1972 he joined the Experimental Areas Division/Proton Department, which eventually became the Research Division.

Ron said he enjoyed working at the Laboratory, but he is now ready to play more golf and fish. Ron will be moving to South Carolina on lakefront property near the Smokey Mountains. Besides a round of golf now and then and a good fish fry, Ron plans to spend time enjoying the South Carolina countryside on his motorcycle.

AGE VISSER TO RETIRE

AGE VISSER will retire February 9 after nearly 24 years of service to the Laboratory. Age joined Fermilab in 1970 in the



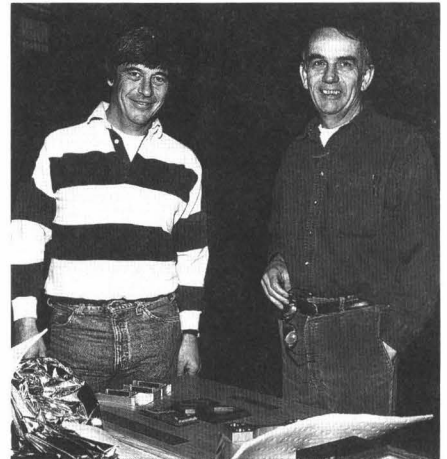
Switchyard Department. Having gone through a "slue of bosses," Age will be leaving the RD/Electronics/Electrical Department where he worked for the last 22 years.

Age said he had "a tremendously good time" working here. "I met lots of nice people and I cherish the thought of knowing them." Age plans to head for Mexico for four weeks after retiring, and from there, he said, he will be visiting friends in Florida. In his spare time he expects to bike, hike and have a great time.

PAUL GRANNIS TAKES LEAVE

PAUL GRANNIS, co-spokesperson for the DØ experiment, is taking a six month leave from the Laboratory and the State University of New York at Stony Brook beginning in February. Paul and his wife Barbara will be moving to Geneva, Switzerland where he will be working at CERN. During his absence, co-spokesperson HUGH MONTGOMERY will assume responsibility for the collaboration with GENE FISK serving as deputy spokesperson.

On July 1, 1983, Paul became the spokesperson and only member of the DØ collaboration, and since then, he has been instrumental in developing the DØ experiment and collaboration.



Co-spokesperson Hugh Montgomery (l) helps to honor Paul Grannis (r) during his roast.

A brief roast for Paul was held on January 20 to honor his accomplishments and say farewell. DAVID CUTTS from Brown University gave a historical retrospective of Paul's association with DØ. "DØ has many strengths. In the last ten years much of this strength was due to Paul. He succeeded in bringing together so many different threads which were woven into the strong fabric that is DØ. We owe a tremendous amount of thanks to Paul."

TOM FERBEL of the University of Rochester added, "With extraordinary good humor and skill, Paul has built a powerful team of physicists whom he has guided with skill and understanding. Paul is a class act. To rephrase Winston, few have given so much, for so long, to so many."

Responding, Paul said, "To all of you, for helping something very special come out of nothing, thank you. I look forward to the next six months with only one screen and without any necessity of opening up e-mail. Best of luck for the next run."

When he returns from his leave, Paul will resume his weekly commute from Stony Brook to the Laboratory.

ARTS SERIES PRESENTS

SATURDAY BRASS QUINTET

Since its New York debut in 1984, the Saturday Brass Quintet has rapidly established itself as a major proponent of the brass quintet as a serious chamber music ensemble. In 1990 the SBQ became the first brass ensemble in 14 years to win the esteemed Walter W. Naumburg Chamber Music Award. Join us as this group, which has also won top prizes at the Fischhoff, Mendez and Artist International competitions, performs on Saturday, February 5 at 8 p.m. in Ramsey Auditorium.

The Saturday Brass Quintet has per-

formed over 1,000 concerts throughout North America and overseas to enthusiastic response. Acclaims the *New York Times*, "This is an unusually brilliant ensemble. Fortes are big, bright and blaring; pianissimos are hushed and mellow; contrasts are imbued with dramatic intensity." Recent concerts include Washington D.C., Los Angeles, New York and appearances on such radio programs as WFMT's Dame Myra Hess Memorial Concerts. Their concert at Fermilab will include music ranging from the early Baroque to the present by composers Samuel Scheidt, Gabrieli, Hindemith, Danielpour and



The Saturday Brass Quintet

Arvo Part.

Don't miss the Saturday Brass Quintet. Tickets are \$10. For further information or telephone reservations, call xARTS weekdays from 9 a.m. to 4 p.m.

MOVIE SCHEDULE

The Fermilab International Film Society presents movies from all over the world. Movies are shown at 8 p.m. Fridays in Ramsey Auditorium. Admission is \$3 for adults, \$.50 for children 12 and under. Coffee and cookies will be served on the second-floor mezzanine following each film.

February 11

■ *We of the Never Never*, Frontier saga based on the memoirs of Mrs. Aeneas Gunn who came to the Australian outback as a young bride in 1902. Filmed on the actual sites. Igor Auzins, dir. Australia, 1983. (132 min.)

Rescheduled

The brown bag seminar, *Women and Heart Disease*, to be held on February 8 in the WilsonHall 1 West Conference Room has been rescheduled for March 22, 1994 in 1West. Look for further details on the seminar in upcoming issues of *FermiNews*.

NALWO ACTIVITIES

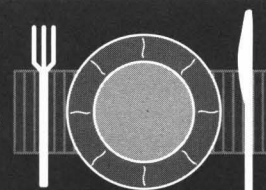
The Fermilab International Folk Dance Group sponsored by Nalwo is pleased to present a second workshop and dance fest by Roni Bar-Yosef, a professional Israeli dancer and teacher, February 5 from 7:30 to 10:30 p.m. at the Village Barn. The cost is \$1 per adult. Many of the dances will be at a beginner level. Bar-Yosef is an exuberant and excellent teacher with an extensive repertoire.

Don't miss this opportunity for an evening of dance, music and fun!

Join Nalwo for a bus trip to the Field Museum in Chicago on February 17. The bus will leave from the Users Center at 9 a.m. and return there by 3 p.m. Call Selitha Raja at 708-305-7769 or Brenda Kirk at x3440 for more information—*Sue Mendelsohn*

Chez Leon Menu

Lunch (Wed) \$13.00 • Dinner (Thurs) \$23.50
Reservations: x4512



Wednesday, February 9 • *Puree Gloria, lemon ginger pork loin, risotto primavera, apple Calvados pie*

Thursday, February 10 • *Prosciutto & cheese souffle, lobster tails, vegetable of the season, arugula & sweet red pepper salad, raspberry tarts*

Wednesday, February 16 • *Broccoli & spinach soup, linguine w/crab & wild mushrooms, berries Kir Royale*

Thursday, February 17 • *Chapcha (transparent noodles w/vegetables & shrimp), flank steak w/Korean sauce, spinach roll, steamed rice, orange souffle*

Wednesday, February 23 • *Mediterranean salad, Moroccan-style Cornish hens, vegetable couscous, apricot & brandy mousse*

Thursday, February 24 • *Coconut shrimp soup, mixed seafood in creamy curry sauce, orange & green onion salad, lacy cup w/fruit*

NORRIS MEMBERSHIPS ON SALE

Fermilab staff and visitors can purchase memberships at the Norris Recreation Center at reduced "corporate" rates by joining the Fermilab Norris Recreation Center Club. The center offers an indoor pool, sauna, weight rooms and aerobics classes. It is located near the intersection of Kirk Road and Rt. 64 in St. Charles.

Annual membership rates are \$140 for an individual and \$225 for a family. These rates are significantly less than the regular membership fees. In order to qualify for the reduced corporate rates, an annual fee of \$300 has to be paid by the Fermilab Norris Club. People joining the Center will be asked to make a contribution towards this fee. The size of the contribution will depend on the number of people joining (typically \$12). For information or to join, contact Norm Amos at x8305, FNALV::AMOS.

BENEFITS NOTES

The Benefits Office has moved to Wilson Hall 15 southwest corner. Their new mail stop is 126. Please note this change.

Harper's Index

Cups of iceberg lettuce one must consume in order to satisfy the minimum daily requirement of any vitamin: 27.5

Cups of spinach one must consume in order to satisfy the minimum daily requirement of any vitamin: 1.3

RECREATION FACILITY ACTIVITIES ANNOUNCED

Doubles tennis league will be held Sunday evenings from 4 to 10 p.m. for intermediate and advanced players. Round 2 begins February 13. For more information contact Steve at FNALD::KUHLMANN or call Jean at x2548.

Aerobics classes are held Mondays and Wednesdays from 5:30 to 6:30 p.m. in the exercise room of the Recreation

Facility. The fee is \$2 per class. The class features a combination of low-impact/step routine with warm up and cool down. Men are welcome to attend. Additional sign-ups for this class are now being taken. If you are interested contact Jean at x2548 or FNALV::JEANM.

Participation in these activities requires a Recreation Facility membership.

BLOOD PRESSURE CHECKS CANCELLED

The Wellness Works Committee has cancelled the free blood pressure checks scheduled for Tuesday, February 15,

1994 from 11:30 a.m. to 1 p.m. in the Wilson Hall Atrium. No future date has been set.



Terry Rumsey Visits Lab

Director of the DOE Office of Science Education and Technical Information Terry Cornwell Rumsey (l) talks with Marge Bardeen of the Education Office during a visit to the Leon Lederman Science Education Center. Rumsey visited the Laboratory on January 5, 1994 and received a tour of the Science Center and a presentation on Fermilab's education programs.

CLASSIFIEDS

■ VEHICLES

1984 Ford Gerring conversion van, good shape, no rust, new tires, reasonable price. Call Glenn at 708-879-2558.

■ REAL ESTATE

Wanted to buy: Pre-qualified individual seeking small, easy to maintain home in Batavia area. If you know of a 2 BR house, condo, etc., call x8361.

■ MISCELLANEOUS

Gas stove, \$50 o.b.o.; stereo cabinet, \$30 o.b.o. Call 708-365-2145 evenings.

Wood burning stove, \$50. Call Rich at x3868 or 708-690-1691.

Baby crib, dark wood, spindle type, Nelson brand, \$150; electric stove, white, excellent shape, Hotpoint, \$150. Call Robin at x4207.

Electronic test and other equipment for sale. Make an offer. Tube tester Eico 625, flyback tester Eico 944, TV analyst BQK 1077B, dynamic transistor checker Micronta, vector scope Heathkit 10 101, tuner subber Castle tv mark 1V CUV, picture tube analyzer BQK 467, color checker Sylvania CK3000 ser#134876, DVM conar 212, attenuator 75 Ohm 60 db 7 steps, post marker sweepgenerator Heathkit IG57A, antenna booster color line BT, audio power amplifier 60W knight tube type. Call A. Visser at x3273 or 708-232-4023.

IBM PC 8-bit floppy controller for 5-1/4" 360K drives only, w/cable, \$10. Call Jim at x2207.

■ PETS

Breeding pair of Zebra Finches, plus 2 fledglings from last brood (hatched 12/93) and cage, \$40 takes all. Call John at x2697.

DOE EXPANDED CORE VALUE #5

DOE works as a team and advocates teamwork.

- We reinforce the notion of a common or greater departmental good and encourage interdepartmental teamwork to achieve this goal.
- We value teamwork, participation and pursuit of win/win solutions as essential elements of our operating style.
- We work as a team with other Federal agencies, government organizations and external stakeholders in pursuing broader national goals.
- We recognize the needs of others for information and communicate knowledge and information in an open and candid manner.

NEW IN THE STOCKROOM

■ 1340-0390

Label, file folder, for laser printers, 80 labels/sheet, 25 sh. per pg. Avery P/N 5267, label size 1/2 x 1-3/4 in., white.

The deadline for the Friday,
February 18 issue is
**WEDNESDAY,
FEBRUARY 9.**

Please send your article
submissions or ideas to the
Publications Office.

FermiNews

*The Newsletter of the
Fermi National Accelerator Laboratory*



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