

TECH TALK TECH TALK TECH TALK TECH TALK

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

March 18, 1971



Jan Jefferson keeps things running for the Sloan Fellows Program. Photo by Margaret Foote.

STALWART SECRETARY

Amidst enormous stacks of paper and an endless queue of professors, graduate students, and businessmen, Jan Jefferson keeps her cool.

The Executive Programs at the Sloan School need Mrs. Jefferson to keep from drowning in what she calls "little pieces of paper." When a businessman is accepted for the Sloan Fellows, he acquires a whole new routine of registration forms and other paperwork. A secretary may have been doing these things for him previously, and the transition from businessman back to student again can be awkward.

Mrs. Jefferson views it all with a gentle, almost motherly outlook. Whether answering the phone in a lyrical voice that sounds about to break into song, or handling one of the myriad "little pieces of paper," she lends a light air of serenity to an office unusually hectic even for MIT.

JOIN THE LAST-MINUTE RUSH

When the blood drive opened on Tuesday morning, 1,264 pints—or just over half the goal—had been collected, with only four days remaining to reach the hoped-for 2,500 pints. The computer has allotted a generous amount of time for last-minute donors, so if you have a chance, call Ext. 7911 to schedule an appointment today or tomorrow.

Lincoln Lab's drive is scheduled for Monday and Tuesday (March 22 and 23) in Room A-166, and will be conducted by the Lexington Red Cross.

MUSICAL WEEKEND

The MIT Symphony Orchestra, with David Epstein conducting and John Buttrick as piano soloist, will give a concert in Kresge Auditorium at 8:30 p.m. on Saturday (March 20). Both men are members of the MIT music faculty.

The program will include the Boston premier of *Vent-ures* (1970) for symphonic wind ensemble, by Professor Epstein. Professor Buttrick will be the soloist for the Beethoven *Piano Concerto No. 5 in E-Flat Major (The Emperor)*. Also on the program will be Ravel's *Rhapsodie Espagnole*. The concert is a preview of a performance to be given on April 19 in Carnegie Hall in New York, as one of three concerts honoring Dr. James R. Killian, Jr., who is retiring as Chairman of the Corporation.

Tickets for the MIT Symphony concert are \$1, and may be reserved at the Kresge Box Office, Ext. 4720. Admission is free to MIT students.

On Sunday evening (March 21) at 7:30, the MIT Hillel Society is presenting a free concert by the Greater Boston Youth Symphony Orchestra. The program is the third annual Loew Arts program in memory of Philip Loew, '26, who was dedicated to encouraging an appreciation of Jewish culture on campus.

The program includes Beethoven's *Leonore III Overture*, the American premiere of *Kol Nidre Cantata* by Dan Aronowicz and a world premiere of a work composed by the guest conductor, Herbert Fromm.

YOUNG CORPORATION MEMBERS

Recent graduates of the Institute will soon have representatives on the Corporation. Members of the classes of '69, '70, and '71 and final-year graduate students of those years are now being polled for suggestions of nominees.

"Membership in the Corporation will be expanded to include five alumni in a new category of membership to be called representatives from recent classes," President Howard W. Johnson announced. Under the new category of membership a member may not be a member of the faculty, staff, or student body during his tenure. The decision was made at the regular meeting of MIT's 80-member governing body March 5.

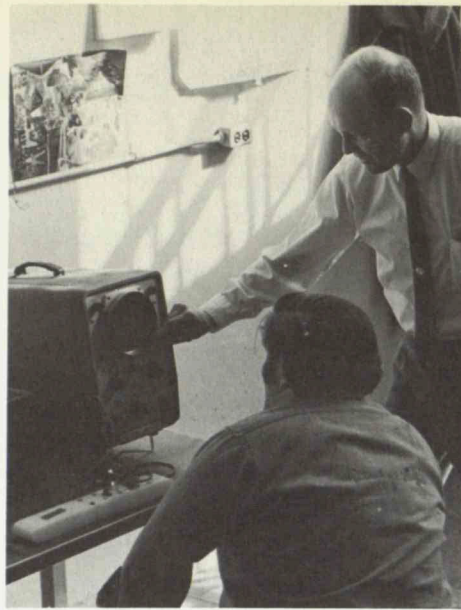
"The Corporation has been active in broadening its membership for the past several years," President Johnson said. "I am very pleased at this decision, which reflects the desire of the Corporation to place greater emphasis on the perspective of recent student experience."

FUND AIDS INMATES

Andy Griffiths, an engineer at Lincoln Laboratory, and twelve other individuals, including several from Lincoln Lab, spend a portion of their free time teaching an electronics training program at the Massachusetts Correctional Institute in Concord. The program is one several vocational rehabilitation programs conducted in Massachusetts penal institutions by the Technical Development Corporation, a non-profit organization.

When the MIT Community Service Fund requested proposals last spring from individuals or groups in need of funding, Griffiths submitted one. The Fund, which provides financial assistance to Institute personnel engaged in volunteer community service, appropriated \$1,230 to be used for textbooks and electronics kits.

Since its beginning in May 1969, the electronics training program has enrolled 33 inmates. Nine have been paroled and are either working or attending school, and 13 are still enrolled in the program. The over-



Tom Crowther explains the use of an oscilloscope to a trainee for the Community Service Fund's electronics training program. Photo by TDC.

whelming majority of the 33 had not completed high school when beginning their sentences, and most had had only seven or eight grades of school. Over half had been incarcerated before, almost none had a marketable skill, and most came from broken homes and inner-city slums.

Future plans for volunteer programs at the Concord Correctional Institute include expansion of the electronics program to include television and radio repairs, the establishment of both a welding and a drafting program, and a supplement to the existing auto mechanics program.

For information on the volunteer program call Andy Griffiths, ext. 7298, Lincoln.

BRIDGE PLAYERS

In the high-level world of tournament duplicate bridge, a small group of MIT undergraduates and former students have established national reputations.

Bart Bramley, '69, Mark Feldman, '72, Mike Gurwitz, '69, Ken Lebensold, former grad student, and Lou Reich, '71, have been winning honors, tournaments, and master points for years. At every tournament players can win these master points for finishing high, and after winning 300 of them a player becomes a Life Master, the highest ranking a player can attain. All

five men are Life Masters. In addition, Feldman was among the top 150 master point winners of 1970, beating out two of the Dallas Aces, current world champions.

Feldman and Gurwitz won a New York tournament in January for players under 25, establishing themselves easily as the best young pair in American today. Bramley and Feldman have received coverage in *Sports Illustrated*—in fact, Charles Goren's column in a recent issue was almost entirely about Feldman. Alan Truscott of the *New York Times* has written several of his columns about various members of the group.

Recently the group, along with Bramley's wife of two weeks, went to Atlanta to compete in the Spring Nationals now in progress. Although they have a long list of successes in prestigious events such as the Chicopee Regionals, they have been eliminated in early rounds of competition for the two most prized championships in bridge, the Vanderbilt and Spingold Trophies. This time they hope their luck will turn as they compete for the Vanderbilt award.

The most famous bridge player in New England is also one of MIT's own. Frank Westcott, '22, has been a national bridge figure for many years, and last year was 24th in most master points won.



Phyllis Jackson with her pineapple tree.

A TREE GROWS IN E-19

A nine-month-old pineapple tree has joined the normal clutter on the desk of Mrs. Phyllis Jackson in the Placement Office, Room E19-471.

The tree was a gift from a United Aircraft recruiter who regularly visits the office. He arranged for it to be flown in from Hawaii. The tree should not be subjected to temperatures below 65 degrees, but seems to have weathered the flight well. Mrs. Jackson hopes it will survive until a year from now when its tiny pineapple will be ripe and ready for eating.

GURNEY PLAY OPENS

A. R. Gurney, Jr., associate professor of literature in the Department of Humanities, is the author of "Scenes from American Life," a new play which will be presented in the Forum Theatre at Lincoln Center in New York, for three weeks beginning March 25.

"Scenes from American Life," a mosaic of interconnected scenes about upper-middle class life in America from 1930 to 1985, was written and first performed at the Boston University Playwright's Workshop at Tanglewood last summer. A production last fall by the Buffalo Studio Arena Theatre of Buffalo, N.Y. was seen at M.I.T. in November.

Professor Gurney is the author of a number of other plays, including "The Golden Fleece," which was voted one of the best off-Broadway plays of 1969.

MARKSMANSHIP COURSE

The MIT Pistol and Rifle Club will offer a new course in basic pistol marksmanship beginning March 25, and running for five consecutive Thursday evenings from 6:30 to 8:30 p.m. The course will be limited to the first 20 adult members of the Institute community who apply. A fee of \$10 covers pistols, ammunition and targets used. Call Herald Sulahian, Ext. 3989 to sign up.

FREE TAX ASSISTANCE

The April 15 deadline for tax returns is approaching. The Massachusetts Society of Certified Public Accountants will offer free help in filing, weekdays from 6:30 pm to 8:30 pm between March 22 and April 14. For help with your taxes call 723-7002. Outside the greater Boston area, dial 1-800-322-7730 for free assistance.

NEW ACADEMIC APPROACH

Midway through its second year, the Unified Science Study Program continues to break new ground in MIT education.

The basic idea behind USSP is that its undergraduate participants may take a fair measure of "responsibility for their own education—

within limits," in the words of program director Dr. Judah Schwartz. In the standard curriculum of most undergraduates, a student does little laboratory work or assistance on original research. Under USSP, however, students frequently do laboratory research, sometimes with publishable results. For example, a contract from the Peace Corps was fulfilled for a prototype of a machine to extract protein concentrates from fish, and right now a USSP student is doing top-level work in plasmoids.

As part of the Education Research Center's research, USSP also embraces curriculum reform. USSP has developed programs of self-pacing, concentrated study, and laboratory-styled math. Many stu-



Chester Buffalo investigates a sine wave in USSP's math lab. Photo by Margaret Foote.

dents enhance their own educations by designing new materials and formats for courses.

Most students in USSP have not opted for total involvement in full-time research or educational reform. The option of obtaining a broad background through taking the Institute's general requirements in mathematics, chemistry, and physics remains open to participants in the program.

USSP has worked to spread its ideas to other campuses. UMass-Boston and North Shore Community College have both students and staff in MIT's present program. The Tufts undergraduates in USSP last year have designed a similar program for their campus this year. Meanwhile, USSP continues to strive for a new approach to traditional educational problems.

HERE AND THERE

Against Emptiness, Humanities Professor Paul Zweig's first book of poetry, was published yesterday by Harper & Row. Professor Zweig has previously written *The Heresy of Self Love* and *Lautreamont: The Violence of Narcissus* and edited *Selected Poems of Yvon Goll*.

Dr. Frank Press, Shrock Professor of Geology and Geophysics received the gold medal award from Britain's Royal Astronomical Society last Friday (March 12). Professor Press also delivered the Society's Harold Jeffreys lecture for the 1970-71 session on the topic of "The Earth and the Moon."

FOR SALE, ETC.

- 2 Digital voltmeter, mod HP405CR, w/manual, \$75. Call 876-5961 evgs.
- 2 Fisher RC-70 cassette tape deck, lk new, \$90. Bob Hiller, x3625.
- 2 Porta-crib, 3 mos old, w/xtra mattress, \$25. Call 492-6865.
- 2 Chickering rosewood grand piano, 1840, nds some wrk, \$200. Call x4142 or 266-2049.
- 2 Garage for rent, 147 Austin St, Camb, (Cent Sq). Call 354-3182 evgs.
- 2 Norelco 300, 2-head shaver, brnd new cond, \$12 or best. Marc, x1826.
- 3 Fisher stereo integrated amp, TX-200, exc cond, \$150 or best; 23" GE TV console, b&w, gd cond, \$60 or best. Harold, 891-1255 evgs.
- 1 KLH mod 11 rcrd player, \$75. Carol, x2917.
- 3 Studio couch w/bolsters; women's clothing (jr sz) & wigs; prking space for rent on Harv St, Camb. Call x5381.
- 2 Dinette set, formica tbl, 4 vinyl covered chrs, exc cond, mod style, reas piece. Hector, x6310.
- 2 Pr studded snows, 7.35x15, used 1 winter, \$30/pr. Moshe, x7174.
- 4 Similac-72, 13 oz cans concentrated liquid formula, reg 32-39 cents, sell 22 cents/can, usable until May '72, wl sell entire lot or parts. Call 661-0081.
- 3 Polaroid mod 320, exc cond; sml stereo tape cartridge player, tapes & case. Dan Caufield x3161.
- 2 Mountain boots, 8N, Austrian made, v gd cond, \$12. Steven Schuster, x3161.
- 3 Snows (2), used 2 mos; 4 reg tires, used 5 mos, ('64 VW), \$30; other parts avail. Call 933-6442.
- 1 Siberian husky pups (3), AKC. Call 729-6538.
- 3 Mesh crib/playpen; ductless range hood; alum screens (26), \$1 ea; misc baby equip. Clifton, x5326 Linc or 667-7070 (Billericia).
- 3 Colonial style, 96" sofa; 2 seat maple arm sofa and chr, best offer for all or wl sell separately. Ed, x3993.
- 5 Flying bridge wdn hull ('67) 26' cruiser, head galley w/formica tops & stainless sink, sleeps 4, Nordberg marine eng, completely rebored & overhauled, asking \$2100. Call 321-1893 evgs.
- 3 Elec typwrtr, 2 yrs old, hardly used, gd as new, orig \$189, sell \$75. Bob, x3883 or 266-2494 evgs.
- 3 Concord Mark 12, 150w, stereo rcvr, class 2 Wharfdale W35 spkrs, 4 mos old. Call 734-4544.
- 2 Dominion hairdryer, 3 spds, w/head covering, exc cond, \$10. Margie, x7543.
- 2 Royal port typwrtr w/case, script type, elite, exc cond, \$35. Connie, x7182 or 523-8820.
- 2 Arkay mod F18C elec print dryer, exc cond, \$30. Albert, x3624.
- 2 Membership in Tech Aero Flying Club, reduced rate. x589 Draper 7 or 354-2487 evgs.
- 2 Lace ski boots, men's sz 9 1/2, \$10. John, x4719 or 354-3117.
- 2 Chamber organ by Paul Ott, 5 stops, elec blower. Sonia, x6700.

- 1 Playpen \$8; carseat \$8, lk new. John, x3955.
- 2 Zenith port tv, b&w, 16" screen, exc cond, light use, \$100. Call 232-0484 before 9 pm.
- 4 Craftman bench saw, 10" w/stand, xtra blades, other access; 12" Craftman band saw w/stand; 3" belt sander (hvy duty) w/case. Gil Herrett, x3518 or x5373.
- 2 Professional Santa Claus, avail yr round. Lopez x443 Linc or 372-5295 (Haverhill).
- 2 Admir TV, 5 yrs old, great cond, \$50 or best. Penny, x6256 or 547-4377 evgs.
- 3 Queen sz 4" foam latex rubber mattress, \$75; queen sz bx spring, \$75, almost new. Call x7053 or 623-2394 evgs.
- 2 Frigidaire refrig, 13.5 cu ft, 2 dr, separate top freezer, exc cond, \$100. Call 923-0411.
- 2 Miniature poodles, 1 male, 1 fem, w/papers, give away prices. Call 395-7265.
- 3 Sony TC 540 stereo tape rcrdr, complete, perf cond, retails for \$400, sell \$180 or best. Jason, x2875.
- 3 Green cotton rug, 9x12; orange vinyl chr; pole lamp; foam throw pillows; bolsters for oversized snlg bed, best offer. Martha, x6780.
- 2 Dining tbl, 30"x60", cherry finish, \$30. Prado, x2355 or 354-6644.
- 2 Books: "X-Ray Diffraction," Cullity, \$8; "Phase Diags. in Metallurgy," Rhines, \$7. x6938.
- 2 Home made util trailer, approx 6x4 1/2, 2 new tires, \$65. Erika, x2728 or 646-5928 evgs.
- 4 Mahogany cabinet, 2 dr, for radio/rcrd player, Harmon Kardon amp & tuner, electrovoice spkr, \$35; mahogany drop leaf tbl, 72" when extended, \$55. Call 862-7750.
- 2 Sailboat, 16', dacron sails, xtra equip, trailer, \$1100 or best. Call 944-2138.
- 2 Siberian huskies, AKC, champ blood line, \$150, ready Apr 15, pick choice now. x6735.
- 2 Ital provincial coffee tbl (3 pc), commode & tbl lamp import, \$150. Call 535-4211.
- 3 Kittens, unusually marked, calico, blk & wht, brwn & wht, 6 wks, free to gd homes. Call 862-1264 (after 3/20).
- 1 '66 Honda 150cc, nds wrk. Kevin 262-4392 evgs.
- 2 '61 VW Karmann Ghia, 40K, gd rubber, gas htr, \$150. Jim Eachus, x2961.
- 2 '63 Ford Falcon, 35K, mech gd, tires gd, \$75. Rocca, x5181.
- 1 '63 VW, running cond, \$195. x6866.
- 2 '63 Buick V6 Special, auto, 2 dr, easy on gas & oil, gd cond, \$300. Call 395-8751.
- 2 '64 Rambler wgn, xtra snows, mtd, 1 owner, garaged, \$300 or best. Call 263-2251.
- 3 '65 Dodge Polara, 383 cu in, auto, 4 dr, pwr st, perf cond, best offer. Cal, x2956 or 547-3233.
- 2 '65 Rambler sta wgn, 6 cyl, stndrd. Call 522-4749.
- 2 '65 Chevy sta wgn, 6 cyl, \$395. Anderson, x357 Draper 11.
- 2 '65 Mercury Monterey, 4 dr, 8 cyl, auto, \$575 or best. Manny, x6980.
- 2 '65 Ford sta wgn, country sedan, v gd running cond, \$225. Call 478-5562.
- 2 '65 Corvair, R&H, new tires, batt, exc cond, asking \$250. Call 489-1024 evgs.
- 3 '66 Ford sta wgn, V-8, auto, pwr st & brks, 6 mtd tires, exc cond, \$1100, must sell. Bill Worthington, x7478 Linc.
- 3 '68 Firebird Sprint 6, auto, pwr st, 20K, 2 snows, asking \$1400 or best. Dick, x1851 or 661-0469 evgs.
- 2 '68 Fiat 850 sedan, exc cond, 33K, new clutch, muffler etc, asking \$650. Chandi, x6938.
- 3 '69 Pontiac Tempest, 6 cyl, 4 dr, pwr st, auto, R&H, gd cond, must sell, best offer. John, x6475.
- 2 Acton, 4BR, 2 1/2B, 9 rm Col, on lake, avail July, priced right. Call 263-3718.
- 2 Arlington, sml 2BR unfurn apt, avail Apr 1, \$150. Call 646-8457 evgs.
- 3 Brookline, 7 rms, 4BR, bath & 1/2, htd, rear porch, prking, elec kit, 5 min from MIT, \$325, avail Aug 1. Call 277-5840 evgs.
- 2 Camb, Garden-level Gropius-designed house for sale. Call 547-7791.
- 3 Camb, Chestnut St, 2BR furn apt to share, own lrg BR, \$67 plus util, nr BU Bridge, on T line. Bob, 876-5519 if no ans Pamela, x2657.
- 2 Carlisle, 2 acre corner lot, heavily wooded, high ground, land court title. Call 369-1147.
- 3 Concord, colonial ranch, 8 rms, 2B, panel fam rm, 2 frplaces, ww carp, 1/2 acre farm set, 2 yrs old, 2 car gar. Nagy, x2458.
- 2 Vermont cabin, sleeps 7, nr lake, avail July 1 - Aug 15, \$450. x4175.
- 3 W. Medford, furn apt for rent, 3 rms, htd & air cond, \$100. Call 395-1288 days or x7501 Linc evgs.
- 2 Woburn half duplex, 3BR, avail Apr 1, \$225/mo. Call 935-1548 evgs.

WANTED & MISC.

- 2 LOST: sml diamond heart, reward. Georgia, x7272.
- 1 Cottage on the Cape for 1 wk in July. Ed, x7906.
- 2 Wl give conversation lessons in Spanish or French. x6796 or 254-5142 after 8 pm.
- 3 Elem teacher, w/Oberlin music background, wl tutor or teach piano. Barbara, x5769 or 354-4497 evgs.
- 3 Tutor for intermediate Eng conversation, 1-2 hrs/wk, pay reas. Takashi, x5323 or 536-3919.
- 2 Wl do fed & state income tax. Al Urbonas, x5889 Linc.
- 2 Girl's 3 spd bicycle, 26", wl pay anything. Ava, x6251.
- 1 Vacuum cleaner. Manfred, x7119 or 648-5740.
- 2 Wl do thesis typing, manuscripts, reports etc. x6936.
- 2 Convertible sofa-bed, dbl, inexpensive, in gd cond. x5619.
- 1 Lady's bicycle. Call 492-4578.
- 2 Place for 5-7 business school students, big BR's, complete house. Ken, 498-5288.
- 2 Wl do typing, rush jobs & tech, etc. Mary, x5625 or 547-0592.
- 2 Wl do thesis typing, reports, manuscripts. Cheryl Brooks, x1753.

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