

SCF ENDS WITH \$98,000,000

For the last three years, scores of people at MIT have been laboring diligently on behalf of the Institute's Second Century Fund campaign for new development capital. Tuesday, at the SCF victory dinner at the Waldorf-Astoria Hotel in New York, they learned these efforts have been crowned with startling success. SCF Chairman John J. Wilson told 1,100 leaders in science, industry and education that gifts, grants and pledges to SCF over the three years of its life totaled \$98,000,000--\$77,000,000 of it from direct campaign efforts and \$21,000,000 in contributions stimulated by the drive and applicable to general Institute objectives. The SCF goal originally was \$66,000,000.

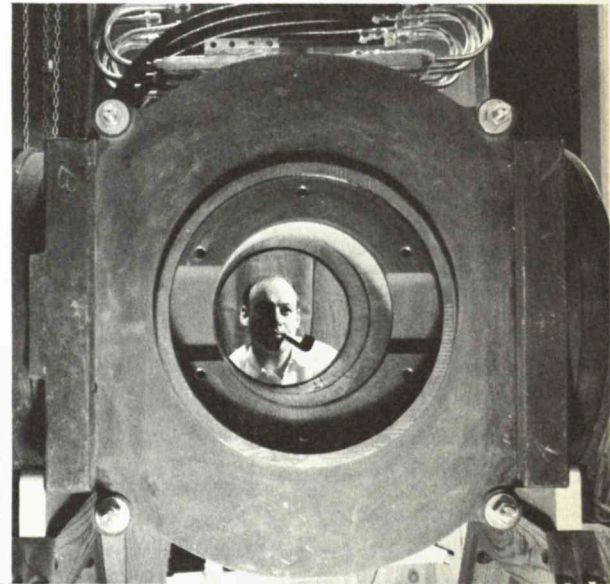
Dr. J.R. Killian, MIT Corporation Chairman and dinner toastmaster, expressed gratitude to SCF workers including the staff here at MIT--headed by Development Director Jack Sheetz, Institute Secretary Robert Kimball and Vincent A. Fulmer, Industrial Liaison Office Director on leave to assist Dr. Killian. Said Dr. Killian: "Refined prospecting is required to achieve these results; doodlebugs and forked sticks no longer can be depended upon. Instead there must be really important and well-thought-out needs and programs eloquently presented, together with a search technique resting upon knowledge of the sophisticated geophysics of asking and giving."

MIT President Julius A. Stratton told the dinner audience the SCF impact at the campus is enormous, that it paves the way for the largest construction program in MIT history, and that "all in all, we shall have added nearly 1,000,000 square feet to our academic resources for teaching and research."

MAGNET'S MOMENT

More than 200 invited guests turned out at 170 Albany St. Tuesday (April 30) for formal dedication of the new \$6 million National Magnet Laboratory, sponsored by the Air Force Office of Aerospace Research and operated by MIT. Principal speaker, Dr. Brockway McMillan, Air Force Under Secretary-designee and an MIT alumnus, cited the Laboratory as evidence of the Air Force interest in unrestricted inquiry into the fundamentals of nature for the sake of inquiry and without pressure for immediate return or pragmatic benefit. Maj. Gen. Don R. Ostrander, OAR commander, MIT President Julius A. Stratton, Laboratory Director Dr. Benjamin Lax and Professor of Geophysics Dr. Francis Bitter, Laboratory consultant, were other speakers. Dr. Eugene Fubini, Deputy Director of Defense Research and Engineering, addressed an evening banquet at the MIT Faculty Club following the dedication.

The Laboratory will be able to produce, with its twin motor-generator units, up to 10 megawatts of direct current electrical power steadily and pulses up to 32 megawatts. With this power, the Laboratory will be able to generate the world's strongest magnetic fields--250,000 gauss continuous fields and 400,000 gauss pulsed fields.



--TT photo by Bob Lynn

D. Bruce Montgomery, staff member at the National Magnet Laboratory, inspects what will be the world's most powerful magnet.

FOR ADVANCED ENGINEERS

A Center for Advanced Engineering Study will be constructed on MIT's campus with a \$5 million grant from the Alfred P. Sloan Foundation. The Center, first of its kind in the world and similar in scope to SIM's program for young business executives (also supported by the Sloan Foundation), will provide an opportunity for industry's engineers and engineering's professors to study at the frontiers of engineering and science which were not developed 10 or 20 years ago when these professional men completed their formal educations.

The Center's need has been under the study, guidance and direction of Dean Gordon S. Brown of the School of Engineering for the past year. Dean Brown's study confirmed opinion that a lag between new scientific advances and their application to industry does exist and also that the nation faces a critical shortage of science-oriented engineers with advanced education. The Center will bridge these gaps in industry and in education. The Center will be located between Bldgs. 7 and 33, making a solid row of buildings facing Mass. Ave.

The first group of engineering managers, technical group leaders and professors in engineering is expected to enter the Center in the fall of 1964.

THAT OLD GANG OF OURS

Thursday (May 16), six MIT employes will receive Institute chairs and pins for their service to MIT. They become new members of MIT's Quarter Century Club, the club for male employes who have been working here for 25 years and more.

Quarter Century Club member Salvatore (Billy) Castellano will be the honored guest that Thursday evening when QC members and their invited guests have a social hour and buffet in the Campus Room at Grad House. Billy, who has been a QC member for 10 years, will retire at the end of June after 35 years as an electrician in Physical Plant.

New members are: Robert Masterton, who started with Physical Plant's grounds division, worked at Walker and East Campus, where he is now manager; John Barley, one-time machinist in Electrical Engineering and currently a technical instructor in Aeronautics and Astronautics; William Conly, who has worked for 25 years in the Physics Machine Shop, where he is an instrument maker; and Bill Oldham, foreman at the Alumni Swimming Pool, who started at MIT with the Athletic Dept.

Two MIT employes from Grad House will become new members. They are clerk Bernard Butler, who worked at Grad House back when it was a private hotel, and stayed with it when MIT purchased the building in 1938, and manager Richard Weir, who started as a night clerk in 1938.

The Quarter Century Club held its first meeting in February, 1950, and since that time has entertained its own members as well as invited guests every spring. Their service totals nearly 1200 years (for active members). The active member with the most service to his record is Fred Broderick of Electrical Engineering, one of the founders of the QC Club. Fred is now in his 48th year with the EE Dept.



To be honored: Front row (left to right), Barley, Castellano, Oldham; Back row, Conly, Butler, Weir and Masterton.



--TT photos by Bob Lyon

About 12,000 neighbors in Greater Boston, families and friends visited MIT, Saturday (April 27), for the Institute's 22nd Open House. Visitors viewed a model of what many researchers feel is the key to life, the DNA molecule (left) and worked out mathematical problems (center). Others saw a Rube Goldberg-type walnut-cracking machine, containing 2053 moving parts and built by Phi Kappa Sigma fraternity (right).

FINAL ROUND FOR SABIN

Wednesday (May 15), the Medical Dept. will give Type III Sabin oral vaccine to MIT students, employes, faculty and staff--free of charge. Type I was given to 8,000 people in January and Type II to 9,000 in March. Type III will complete the Sabin series for protection against polio this season.

Certain areas will again be vaccine stations, and this information will be on the back of a registration card which everyone will receive either via pay envelopes or through the Institute Mail. The Medical Dept. urges you to be careful not to lose these cards and that you fill them out and bring them with you. The Sabin vaccine should be taken even if you've had one or more Salk injections, and all people--regardless of age--should take the vaccine.

FALL ART SHOW

Do you have talent in the visual arts?

MIT's Association for Women Students is planning a Fall Art Show, open to all members of the MIT community. MIT artists wishing to sell their works may do so, and may set their own prices. AWS will collect a 7% commission on all works sold.

The Show is scheduled for late October or November, but AWS is interested in finding out who would like to exhibit their paintings, sculptures, etc. You may apply now at the AWS booth in the lobby of Bldg. 10. Preliminary applicants will be contacted sometime during the summer to determine their further interest, and exact details of the Show will be available early in the Fall term.

BOOKS AT LOW PRICES

The MIT Press is offering a limited number of publications at an 80% discount to the MIT community. The books have been slightly damaged through shipping. Subjects covered include planning, engineering, humanities, system theory, science and social science. For further information, contact Fred Bentley (Ext. 5251). Or, you might stop in at the Press' new offices in the Kendall Sq. Bldg., 238 Main Street.

FOR SALE ETC.

11 ft plywood dinghy, dacron sail, \$300 or best offer. W. Godchaux, ext 5129 or K17-3319.
 New \$1,000 Snyder Highlow camping trailer, sleeps 4, best offer. LA7-0120.
 Infant's chair, exc cond, \$2. VO2-6979.
 16' Thompson run-a-bout w/Johnson 35hp, Craftsman trailer incl. TR6-1554 or Walker 1599 after 5.
 Olivetti Lettera 22 port typewriter & case, 2 1/2 yrs old, exc cond, orig \$92, asking \$50. George, K17-1874 after 6pm.
 TV console, TV, R & L/P phono combi. Beautiful mahogany. BE2-0484.
 18' Lyman Lapstrake, 100hp, good cond, inboard, \$2000 or best offer. GR2-3623 evgs.
 Girl's Eng. bike, \$25. EL4-4168 between 5 and 6pm.
 Siamese Sealpoint kittens, \$20; Danish teak refractory leaf DR table, exc cond \$150, will sell for \$75. CR5-6608.
 Bicycle, 8sp derailleur, like new. Ext 765, Mr. Conant.
 Technical typist w/experience, can do copy editing. Jane, EM9-4865 after 6pm.
 Army Uniforms, except dress, summer & winter, sz 40. Best offer for all or part. Bill, ext 2246.
 Garrard 4HF(L) 4 sp record turntable, Shure M7DM stereo cartridge, diamond needle, black base, 45RPM spindle, \$35. P. Diamond, ext 3360.
 Norelco 401 stereorecorder, 4 tracks, 4 spds, brand new. H. Edelstein, ext 3281 or dorm line 9189.
 Baby scale & stroller, \$10. Ext 3883 or KE6-3897 after 6pm.
 Steinway upright piano, twin hd-board bed, DR table, chairs, snow blower, VO2-5872.
 HH Scott preamp 12C; Dynakit Mark II amp, Electrovoice speaker cabinet w/12" woofer & tweeter. John van Raalte, ext 293 or 491-0568.
 Sofa bed, desk, bkcases, DR table, chairs, bureau. All for \$25 or separately. Mrs. Kasser, ext 3384 or 262-1989.
 Land for sale, Belmont Hill, 15,000 sqft, view Boston, asking \$11,000, UN4-1512 after 6pm, Going to Europe. Will buy Mercedes Benz & bring back to you at savings. Call 491-1475 evgs.
 2 auto tires, 7.50x14, almost new. \$15 both. Larry, ext 749.
 Refrigerator, \$30. 969-6174.
 38' Cabin Cruiser, sleeps 5 or more, equipped. \$3500 or best offer. Dr. Mirarchi, ext 5465.
 Never used Mallory coil for transistorized ignition system, \$10. Ralph, Lincoln ext 5870.
 Olivetti typewriter, port model, Studio 44, never used. \$100. Ext 5763.
 New tire, sz 5.20x12 for Fiat 600. E. Whipple, Lincoln ext 7852 or LO6-8615.
 DR set, table, 6 chairs, mirror, buffet (blonde). Good cond, \$150 or best offer. ED5-7062.
 5yr old Am. Std. oil burner, some controls. Best offer. VO2-5955.
 2-ring K fluorescent light w/lamps, \$5; GE range, \$25. A. F. Standing, ext 7248.
 Gas stove w/gas heating unit, exc cond, \$70. Claire, ext 4861.
 Heathkit GW-10, transceiver, 12v model for citizens band, 3 crystal transmitter, exc cond. Asking \$75 comp. Jerry Majalatern, Lincoln ext 7125 or Rm D-225.
 MacIntosh MR65 FM tuner w/walnut case. R. Daley, ext 4118 or EMI-4763 evgs.
 Unit air cond, Wellbilt, wall slim, 1 hp, good cond, \$65. Twin baby stroller, \$20. R. Mooney, Lincoln ext 7114.
 2fstline 800-15 Goodyear ww tires, for '55-'56 Buick, less than 3,000 mi, \$50 for pair. Ray Neff, Lincoln ext 7132.
 Scientific American comp set ('47-'62), some bound, good cond. \$75. Ext 5520 or VO2-6979.
 Sofa, Danish chairs, queen sz spring & mattress, dinette set w/chairs, desk, K cabinets. RE4-2849.
 12' skiff w/trailer & 3hp motor. Lloyd Beckett, ext 2691, VO2-7303 evgs.
 Recrding tape, \$1.25/roll, Electronic flash \$35, Wide-and-Tele-lenses for any camera, \$12 ea. Exposure meter, \$5. For details, call ext 617 or EL4-5054 evgs.
 Hotpoint port dishwasher which can be built in. Used six mos. Best offer. TW4-6799 or ext 30-307.
 Child's desk & chair, \$10; 4 drawer steel file, \$15. Fritsch, Lincoln ext 7457 or VO2-6748.
 Refrig. exc cond, apt sz, \$35. 648-8123 or 643-1843.
 Upright piano, yours for the taking. Ext 5604 or VO2-5950.
 26" bicycle (man's), \$20; lg K cabinet, \$5; GE clock R, \$10; suitcase, \$4; squash racket w/press, \$5; ice skates, sz 10-10 1/2, \$2; Formica topped board. H. Gertzman, ext 2871 (message) or 876-8083 evgs.
 Pete Seeger Vega banjo, immaculate w/case. \$225. KE6-5886 evgs.
 Blk men's Dunelt bicycle, used 2 wks, \$45 new, best offer. CA7-7168.
 Marine officer's dress uniforms, white & blue, sz 38. A. Sutherland, 491-1988 evgs.
 DKW sta wagon, sleeps 2, comfortable touring car & camper. Spivack, 625-1495.
 '53 Olds 88, 4 dr, good cond, R&H, 2 snow tires, power steering & brakes, \$250. Lincoln ext 5363.
 '54 Chrysler New Yorker, 4 dr, R&H, power steering, \$245 or best offer. Ext 30-317, VO2-8558.
 '54 Studebaker Conestoga, 2 new snow tires, new battery. Best offer or \$75. 491-2558.
 '54 Ford, 4 dr, V8, std shift, exc cond, \$250 or best offer. RE4-1196.
 '55 Dodge Custom Royal, 2 dr hd top, powered, perf mech cond, \$495. IV4-6532, Alan.
 '55 Chevy, 4 dr, R&H, pwr brakes & steering, auto trans, best offer. Ogletree, ext 3494.
 '56 Chevy, conv, 6 cyl, auto, exc cond. \$450 or best offer. Ext 5576.
 '56 Chevy, 2 dr, auto shift, exc cond throughout, \$400. R. Glantz, VO2-8757 evgs.
 '57 Karman Ghia coupe, perf cond, \$750. 354-8182.
 '57 TR3, Michelen x tires, red, asking \$750. Exc running cond. Carleton, ext 5189.
 '58 Dodge sta wagon, R&H, power steering, auto trans. Best offer over \$700. Felleman, ext 30-284.
 '58 Hillman, 4 dr, \$200. Betty, ext 5398.
 '58 Renault Dauphine, new engine, damaged body. \$100, Brian, ext 4495.
 '60 Vallant, V-200, 4 dr, std trans, 30,000 mi, exc cond. \$975. CY6-2439.
 '60 Corvette, 270hp, 4 sp, 2 tops, new tires. Virg, ext 30-270.
 '60 Falcon, 2 dr, Fordomatic, ww's, R, low mileage, \$1350. Dick Hodgson, ext 2491.
 '60 VW micro-bus, 33,000 mi, gd as camper, \$900. D. Hahn, UN4-5143.
 '60 Falcon sta wagon, 4 dr, std sft, R&H, H. Saurerwein, ext 2279, MI3-2560 evgs.
 '61 Monza, beige, 4-in-fl, nylon tires, R, spl htr contrls, ownr lvg cntry, \$1795, ext 2706.

'61 4 dr auto Ford Galaxie, 8 cyl, 32,000 mi, AV2-4065, 7-9 pm.
 '61 VW sedan, red, exc cond, \$1200 or best offer. Ext 2245 or TR6-1353 after 5.
 '61 Austin-Healy 3000, blue, top cond, extras, \$1995. 274-9053.
 '61 VW, like new, 14,400 mi, \$1395. Ann, ext 5461 or V14-3869 after 6pm.
 '61 Corvair Monza coupe, 4 sp trans, R&H, seat belts, 25,000 mi, \$1800. W. Shih, ext 2624, 864-6249 evgs.
 '61 TR3, 30,000 mi, many extras. Lincoln ext 5367 or M18-7142.
 '61 Alpine, hd top & H, less than 20,000 mi, never driven in winter. \$2000, Bruce McCallum, ext 3678.
 '61 VW, R&H, ww's, 24,000 mi, \$1200. 277-4044 after 6pm.
 '62 Fiat Spider Roadster 1200, conv, R&H, 4 sp, Call collect, 653-0802 after 6pm.
 '62 TR4, white, 14,000 mi, \$2000. Ask for B. Figler, TR6-3400.
 '62 Ford Fairlane 500, 4 dr, R&H, std, 6 cyl, 15,000 mi, \$1500. Jim Salterio, ext 3547.
 2BR apt, private entrance, LR, DR, K, basement. Watertown. \$115/mo. 924-7438.
 Furn town hse for rent (6-9). Marlboro St., pking. CO7-3843.
 3rm furn apt sublet, Harvard Sq. \$125/mo. Avail 6/1-9/15. EL4-0996 or ext 4147.
 Hse, Medfield, 7 rms, jalousied porch, 2 car garage, lg lot. Ext 3871.
 4BR hse summer rental, Watertown, \$250/mo. plus util. Dr. Stark ext 3894 or WA4-2135.
 5 1/2 rm apt Brookline, renovated, near MTA, avail 7/11, 2 yr lease, \$145/mo. Mary, ext 5434, 5446.
 Apt sublet, 6/1-8/31, furn or unfurn. Also avail Sept. 455 Beacon St, ext 2160, Bill Dorsch or 536-5081.
 3rm apt for rent, furn, 3rd fl, Somerville. Avail 6/15. D. Russell, ext 5252.
 4BR Martha's Vineyard home. Lg yd, util, on beach. \$90/wk (June); \$100/wk (Sept. Oct.). AL4-1214 evgs.
 Studio apt, partly furn, util, \$85/mo. 199 Prospect St., Camb. See janitor.
 6rm apt sublet, Brookline, unfurn, \$135/mo, avail 6/15, lease expires Sept. RE4-3556 after 6pm.
 Apt sublet, 6-8. 1 or 2 people, 1 lg rm w/K & bath. 36 Fairfield St. S. Aldrich, 262-1798.
 3BR hse sublet for summer, 6/10-9/10, Belmont Hill. IV4-4950 after 5pm.
 3rm apt, unfurn, \$110/mo. Cambridge, near MIT. Wayne, ext 3547.
 Apt, corner Pk. Dr. & Beacon St. Avail 6/30, \$115/mo. Call CA7-8416 or CO2-0156 evgs.
 Summer sublet, female students only. 718 Comm. Ave. Avail 6/15-9/15, furn \$100/mo. Jacqueline, KE6-2850 or DE2-6223 evgs.
 Mod apt sublet, 6/1-8/31, near Harvard Sq., \$120/mo. or best offer. Shu, ext 3446 or K17-3030 evgs.
 Furn 2BR apt, 6/17-8/15, Brighton, \$125/mo. VanGelt, ext 2384.
 Mod 2rm apt, Newbury St., sublet \$95 incl util. Avail 6/6. T. Rossby, ext 3781.
 9rm Dutch Colonial for sale, 5BRs, lg lot, Arlington. \$32,900. M13-7081.
 3BR mod duplex, Arlington-Somerville line, unfurn, avail 1/6, 625-7989.
 Apt near Harvard Sq. for sublet. Avail 6/12, lease ends 9/11. \$117/mo. Claus, 491-0091.
 Summer sublet, 5/27-9/10, nicely furn, pking, near Harvard Sq. \$125/mo. 491-3163.
 Waltham ranch, 8 yrs old, 3 BRs, lg lot, near Trapelo Rd. & Rte. 128, upper teens, TW4-6799 or ext 30-307.
 3rm apt sublet from 6/24-9/2, near MIT, furn, \$88/mo. Rolf, ext 5602 between 12-1.
 Apt sublet for July & Aug., Beacon St. Near MIT, \$130/mo. 262-0798 evgs.
 Summer sublet, 6/15-9/1, furn, lg BR, wash machine, \$125/mo. 491-0899.
 Sublet unfurn apt, 2BRs, near Harvard & MIT, avail 6/15, \$90/mo. Can continue lease, L. Morrell, 491-1369.
 New 2BR Brighton apt, 3 mo. sublet, renewable lease, \$130/mo. w/pking, heat, furn avail. 566-8374.
 Cambridge apt sublet for 2 wks, beginning 6/15. \$40 or reasonable offer. Jon Davis, Grad Hse 9753.
 Lg hse for rent, near Harvard Sq. 9 BRs, \$300/mo. Terrific for group of students. UN4-0470.
 6rm hse over 100 yrs old for sale, barn, 5 acres, 25 mi W of Lexington. Slader, Lincoln ext 401.
 3BR ranch for rent, Bedford, furn, avail 9/1. 275-6504.
 3BR home, E. Falmouth, Mass., near water. \$12,000. Mrs. Rudolph, DA9-0128.
 4rm apt summer sublet, furn, lg. \$75/mo. Bert, ext 4128 or 776-7190.
 Sublet apt, 6/8-9/16, 3 lg rms, furn. ST2-8342 evgs.
 Wanted: 3BR furn apt desired by Prof. Kikuchi from U. Michigan for July & Aug. Lincoln ext 289.
 Wanted: 2 rmmates (male) to share lg 3-man apt for summer, Beacon St. \$45/mo. J. Welch, ext 619 or 267-5931.
 Wanted: Fall semester '63, housing for Visiting Prof. w/2 children, furn, 2BRs. CO2-0542.
 Wanted: Rmmate (male) to share duplex near golf course. (25-34). Irv, Lincoln ext 383.
 Stanford Prof, wife, 2 children would like to sublet furn hse or apt prefer Newton from 6/1 to 9/1. Call Prof. M. Halle, ext 322.
 Wanted: Hse to rent, 9/1 for 1 or 2 yrs, 4-5 BRs, So. of Boston. Briggs, RI2-1741 or ext 771.
 Prof. wife, 2 children want hse or unfurn apt, 5-6 rms, beginning 9/1. Prefer suburban areas. Mrs. Thomas, ext 4841.
 Wanted: Tenor to sing in Cambridge Episcopal Church, 1 rehearsal, 1 service/wk, small remuneration. Ext 2424.
 If no one plays that piano, why stumble over it. Call Belmore, DA6-3206 evgs. or Ogletree, ext 3494.
 Wanted: Small tent, pup tent or 2-man bivouac, pref. 1 w/floor. Also back-pack. Ext 2156.
 Summer hsg wanted, 6/23-8/17 for teacher & family. Contact Mrs. Kennedy, ext 2828.
 Wanted: tape recorder in good cond. Dot Gerety, ext 2367.
 Typist wanted 10-15 hrs per wk. Call Mrs. Shih, ext 3887.
 Wanted: Men's used light-weight bicycle. 491-3490.
 Wanted: 3rd gal to share lovely spacious apt, Beacon St. CO7-7559 after 6pm.
 Wanted: To rent for July/or part of July hse on Cape. Lg enough for 5 (3 children). Ext 4453, VO2-0614.
 Wanted: Babysitting in my home or yours for 1 child, have baby 16 mos old, start in June. 491-1067 evgs.
 Wanted: Ride from Winchester to MIT daily. Carol, ext 4494.
 Wanted: 3-4BR hse to rent unfurn from 6/15 (would consider buying). Arlington/Belmont preferred. A. P. French, ext 4849 or 646-7027.
 Wanted: to rent sta wagon for summer, cross-country trip. Pradeep Jajodia, EL4-6122.
 LOST: Gold, link bracelet, possibly lost at Baker Hse, 4/18/63. Reward. Please call ext 170.

Tech Talk is published every two weeks. Send news and ads to Miss Ketchum, Room 3-339, Ext. 2701. Next deadline: May 14. NOTE: Those ads which did not appear in this issue will be published in Tech Talk, May 21.