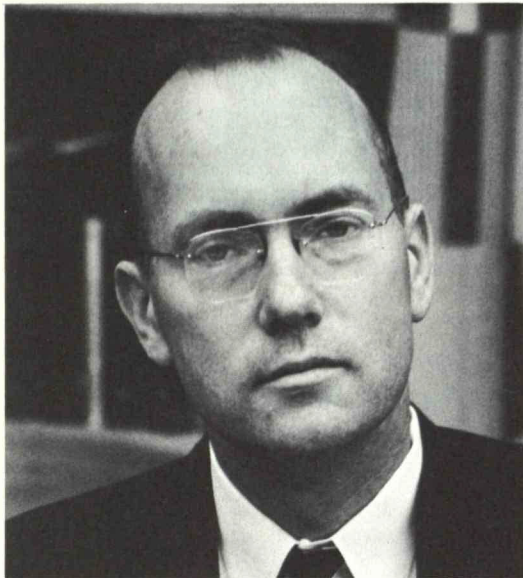


Photo by Martha Holmes



Laureate Townes

TT Photo by Russ Clark



Preparing a welcome: technician Richard Solomon, with Linda Johnson and Paula Dalap's in Dr. Towne's office

NOBEL

Everyone at MIT is thrilled. For several days there were rumors (from the press) that Dr. Townes would win a Nobel Prize. By the time Dr. Townes himself got the word, at 4:30 a.m. Thursday, he was in Pasadena for a meeting at Jet Propulsion Lab of the NASA Science and Technology Advisory Committee for Manned Space Flight, of which he's chairman.

Here at home excitement rose as MIT learned of this first Nobel Prize to a faculty member. In his office Paula Dalap's and Linda Johnson spent a hectic day with well-wishers and phone calls. His students and the technicians in the Optical Maser Research Group asked Physical Plant to make up two big banners -- one for the hall outside his Bldg. 3 office; the other to wave at an airport reception. A red carpet even appeared outside his door.

And from Dr. Townes to Moscow went a message of warm congratulations to N.G. Basov and A.M. Prokhorov, co-winners of the prize for maser development.

FOR CLINICAL RESEARCH

Despite the Brigham's kitchen nearby, a young student in the Clinical Research Center (Daggett fourth floor) sticks to his daily regime, a liquid diet and 7 miles of exercise. He's on work leave from Antioch College, serving a nutrition project directed by Dr. Nevin Scrimshaw, head of the Department of Nutrition and Food Science, and program director of the new Center. Aim of this particular study: to determine amino acid and protein requirements of young men. It is one of several biological and biochemical studies, requiring controlled clinical observation of subjects, which are being made possible by the Center.

It opened last month -- a complete hospital with space for 10 beds and expansion provision for 17. It is the only such facility in the country outside a regular hospital or medical school. Besides treatment and examination facilities and their related areas, it includes a special diet kitchen and labs for various analyses. (Michael Kirby, the volunteer subject, works in one.)

Not counting research personnel, there'll be an operating staff of about 30 people, including physicians and nurses. Assistant program director of the Center is Dr. Lillian Pothier, who has just come to MIT from Peter Bent Brigham Hospital. Our medical director, Dr. Albert Seeler, has final medical responsibility for the Center and is vice chairman of its policy committee.

Shortly CRC will be operating at full capacity and studies involving subject patients will be carried on by several MIT departments, including Psychology and Medical. The Center has been made possible by a grant from the National Institutes of Health.



TT Photo by Bob Lyon

Dietary aides Emily Wrenn (left), Nancy Marlowe

UF PROGRESS

At Tech Talk press time, the MIT United Fund Drive was nearing 25% with \$28,000. First group to complete collection was the Alumni Placement Office; next came the Audit Division and the Credit Union. Things were swinging in Instrumentation, too. Their chairman John Nugent's campaigners distributed memos; one in shocking pink said "Has your UF solicitor caught up with you yet?"

Campaign coordinator Julie McLellan (Admissions) reminds UF solicitors to turn in their interim reports in 3-107 and to call Ext. 770 if there are any questions.

FURNITURE SALE

To close their season, the Matron's Furniture Exchange will hold an Institute-wide sale on Thursday, Nov. 19, at 224 Albany Street. Mrs. Jerry Canty, Exchange office manager, will be on hand from 10 a.m. to 3 p.m. that day. It's the only time during the year when the shop is open to the entire MIT Community, as well as students.

TT Photo by Bob Lyon



Ruth Goodwin

SILVER SERVICE

The Silver Club, 25-year service group for women employees, will have its fall meeting on Nov. 18 at the Faculty Club. Cocktails will be followed by dinner and visiting; many ladies now retired from MIT will be there for the evening.

Honored guest will be new member Ruth Goodwin of the Office of Institutional Studies. She is administrative assistant to its director, Robert Hewes; and before that office was established last spring, was administrative assistant to the head of the Math. Department.

At Bates College, Miss Goodwin's field was math. When she came to MIT in '39, she was in the Registrar's Office briefly, then transferring to Math., was on hand for intensive, wartime training courses of Navy and Army personnel. There were in those days about two undergraduate math majors yearly. By last year there were 100. During the intervening time, Miss Goodwin

had many responsibilities in the growing department. She was depositary for myriad high school students' requests ("Send me all the material you have on infinity"), class notes, and papers to be typed; overseer of graduate applications, financial work, department secretaries; and "dispenser of band-aids and aspirin." Not the least of the lot: Scheduling all department courses each year. In '59 and '60 she spent working vacations at the University of Colorado and Stanford, respectively, where high school textbooks were being rewritten in the language of the "new" math.

Now, she is using her experience and familiarity with MIT in general to help compile various types of data, much of which will be done on a continuing basis.

One of Ruth Goodwin's most enjoyable MIT associations has been nautical. According to retired sailing master Jack Wood, she's the only 23-year member at the Sailing Pavilion, where she has taught a good many others to sail, too. "They threaten," she laughs, "to give me a silver membership card."

SAILORS' DELIGHT

On the murky waters of the Charles last month, 16 dinghies raced for MIT's Departmental Sailing Trophy. Winner was the Department of Naval Architecture whose entries were skippered by technical assistant Halsey Herreshoff (grandson of the illustrious naval architect Nathaniel Herreshoff) and Damon Cummings, a research assistant.

Last year's winner, Aero. & Astro., was second, Psychology third and Chemistry fourth. The high point skippers: ~~Richard~~ ^{William} ~~Widnall~~

Widnall (Aero.), James Burlitch (Chem.), Jerry Reed (Athletics), Cummings and Herreshoff. The trophy was passed on to its new owners at a Faculty Club Dinner.



Photo by W. Nicholson
From sky to sea: (left to right) ~~Bill~~ Widnall, Dr. Draper, Dr. Stever and Halsey Herreshoff

LUNAR LAB IN THE WEST

Just completed at Downey, Calif., is a new laboratory staffed by engineers and technicians from MIT as well as industries responsible for producing guidance and navigation systems for Project APOLLO round-trips to the moon. It is first in a series of field facilities which will provide constant monitoring of guidance and navigation systems from the time they're installed in space ships to blast-off.

This lab is on the premises of the Space and Information Systems Division of North American Aviation, Inc., where APOLLO spacecraft are being built, assembled, and sub-systems installed. MIT's senior representative at Downey is Sidney Felix who, with other Institute engineers, will have technical control of the lab's facilities.

MIT IN OLYMPICS

Only two MIT men have ever belonged to U.S. Olympic crew teams. In 1960, Harry Blieden of the Class of '57 rowed. This year alumnus Chester Riley '62 was a spare on the gold medal winning shell of Philadelphia's Vesper Boat Club.

Now an Air Force pilot in New Jersey, Riley made rowing history here. He was first to be heavyweight crew captain two years running, and during that time MIT won the Compton and Cochrane Cups for the first time ever.

Before the races in Japan, he sent a postcard to crew coach Jack Frailey (Student Aid). Said Chet of Olympic opening day, "You feel about ten feet tall."

FOR SALE ETC.

Neupert Telemann 8'4" harpsichord, split buff stop, exc cond, \$1,050. A.L. Loeb, UN4-9424.
 Guinea pig, female, \$2.50. Ed Rudis, ext 7843 Linc.
 Matrons Furn. Exchange for MIT students only, open Tues. and Frid., 10 a.m.-3 p.m., 224 Albany.
 Free: 4 beautiful angora-type kittens. J. Freedman, ext 401 Linc.
 Will trade TV stamps for Green stamps. Ane, ext 718.
 Couch, opens to dble bed. WA4-1835 evgs.
 Alum comb storm and screen door, 3' x 6'8", \$10. Bill, ext 5415.
 3-piece sectional sofa, French Provincial. Mrs. Apsey, 926-1425 evgs.
 Dropleaf wooden tble. WA4-4574 (6-9 p.m.)
 Free: 2 puppies, male and female, 4 weeks old, mixed breed. 259-9353 (6-8 p.m.)
 Thesis typing. Mrs. Linda Vahrenkamp, 868-6463.
 Rug, 9 x 9, dark rose Wilton, just cleaned, \$25. Ext 5680 or 354-1449 (9-2 weekdays).
 Snow blower, big model, prac new, exc cond, 6 hp, \$200. 438-4157.
 Ampex yr old tape recorder; McIntosh CII preamp, 240 amp; 2 AR-3's; Thorens TD12; Contaflex cam. 354-6577.
 19" older Philco TV. 862-8690.
 51-wal Harvard Classics; 3-piece enam K cab set; bar-hi fi rm divider; like tble, Japanese Cryptomeria tree wood, custom made, unique, must be seen, \$35. Pike, CIS, ext 3155 or UN8-0770.
 15 reels mag rec tape; 2,400 ft ea, 1/2 mil Mylar. J. Michael, ext 5235 or 3894.
 Pair hockey gloves, Boston Bruins model, used once, \$40 or best offer. Mary, ext 7422 Linc.
 GE iron, \$4; Electrolux vac clnr, \$10; 2 pieces gray lugg, \$8; twin bedspreads, \$10; K equip. 536-7212.
 K set, tble/4 chairs, new but has been in storage, \$55; German bass w/cover and bow. B. Gaddis, 926-0442.
 Bed, \$20. 868-6435 evgs.
 2 Goodyear auto tires, 6.70 x 15, \$5ea; wanted: camera tripod, new or used. Wang, ext 3755.
 Paul McCobb 2-drawer desk, birch w/ black panels, matching chair, best offer. Ext 2853.
 Picking 380c stereo cart with .007 diamond stylus, like new, \$6. Carl, ext 30466.
 Pringle lady's cashmere pullover, new, grey and white, 38, \$12; new travel handbag, \$6. 926-0874.
 Set of 5 gold clubs and bag, asking \$15, good cond. George, ext 2527.
 Cocker spaniel, 6 mos, male, silver buff, wormed and inoculated. 324-6891.
 6'3" skis, Northland bindings, \$40; ski boots, S-7 1/2N, \$20 roller skates, \$20; '60 Cad. 274-0954.
 Nikorex zoom 8 movie cam, case, pistol grip, perf cond, under guarantee, best offer. 643-0855 evgs.
 Blk miniature poodle puppy, male, AKC reg, champ stock, 6 wks old, \$75, Ext 7712 Linc or 369-2917.
 Prac new Duncan Phyte tble, 4 match music cleft chrs, exc cond. 322-5949.
 Royal port, pica type, \$40. Ext 4119.
 GE wshr, attached spin-dryer, used very little. 924-5363 evgs.
 Lady Kenmore gas stove, with rotisserie, \$75; Ambassador refrig, \$75. M. McKenney, Ext 195 Linc.
 Hollywood bed, good cond, \$30. Ext 3459.
 French lessons, cooking, typing, sewing, by foreign student's wife. 864-0067.
 Artone 21" console TV, \$25. 646-7448 evgs.
 Head skis, Masters, just returned from major factory overhaul, \$70. D. Hansen, ext 5377 Linc.
 Two 80" x 32" birch sliding doors with hardware, \$8. A. Standing, ext 7248 Linc.
 Upright piano, good cond, reas priced. E. Romney, 864-1853 evgs or ext 2281.
 Game rm equip for youth ctr plus crayons, bks, paper for 2 mos of nursery school, \$1.90/mo in 12 United Fund payroll deductions.
 '63 red Pesaro Motobi motorbike, sells for \$395, asking \$225, exc cond. J. Oliphant, LO6-3861.
 New upholstery for couch, mattress and bolster, tangerine color, \$49. Ext 3451.
 White dble bed, spring, matt; mod dresser, mirror, 2 white boudoir lamps, \$85. K. Chisholm, ext 3534.
 '63 Honda 50cc, 1,400 mi, windshield; '54 Buick, 40,000 mi, new trans, \$170. W. Jones, LA7-9110.
 Bendix clothes drier, white, 2yrs old, new motor. DE2-9898.
 LG maple tble and 4 chairs, \$15. 923-9548.
 Babysitter, wkdays, part or full time. 868-6568.
 \$150 wig, 100% human hair, bk blond, worn twice, carrying case and form incl, \$80. 491-1319 evgs.
 Brass fp screen with pull-o-matic brass handles, fit fp up to 29 x 36", \$14. L. Amdexler, ext 4125.
 Girl's 10 speed Eng. racing bike. Mrs. Good, ext 710.
 Argus 8 mm movie cam, auto eye, lt meter, pistol grip, sgle frame switch, \$49. Ext 3494 or 491-4680 evgs.
 2 Firestone Town and Country 7.50 x 14 snow tires, tubeless, 4,000 mi, \$18. John, ext 3988 or 643-8038.
 Lady's white fig skates, slightly used, size 9. Ext 4585.
 '63 Vespa, mint cond, 2,500 mi, \$300 here or \$275, NYC. 267-9860.
 Children's chairs: 1 TV swivel uphol, 1 blk col rocker, 1 straight w/hand-painted straw seat. MI3-7081.
 Maple desk and chair, exc cond, \$25. Charles Sonnenshein, ext 3926 or KI7-4525.
 Scott 310E multiplex tuner, new, orig carton, list \$280, sell \$168. Les Kline, 868-7386.
 1/2 size refrig, perf cond, silent, compact, convenient, \$35. Mr. Kwong, 868-5140 evgs.
 Apt furn for sale. Pat, 254-8211 evgs.
 Rm and partial bath near Hvd. Sq. in return for child care. Richard Held, ext 5745.
 2-piece col wing couch and stuffed chair, needlepoint design, \$200 or best offer. TR6-1296.
 Floor lamp with globe; Italian floor lamp, good cond. Sandi, ext 123 Linc.
 Two sleeping bags, \$7 ea. 648-3498.
 6'3" Head Standard skis with safety bindings, \$75. D. Sullivan, ext 4048.
 Non-technical typing. MI3-2021.
 Sofa bed, \$30. G. Fairbanks, ext 708 or 876-9242.
 Prof. H. Vosgerau will offer rm at his house in exch for 2-3 nights of babysitting when 2 children are in bed. Ext 3360 or 484-8571, 57 Raleigh Rd, Belmont.
 20" girls bike, \$15 or best offer. WA3-0125 evgs.
 Kodak auto projector, Cavalcade #500, exc cond, list price \$120, asking \$50. Shavit, ext 2243.
 For immed adoption: 4 enchanting tiger kittens, housebroken. Ext 2908 or LA3-2136.
 '63 Vespa 125, 130 mpg, 55 mph, crash bars, windshield, fimat, carrier, \$275. Ext 3531 or KE6-0813.
 35 mm camera, Nikorex auto 35 SLR. J. Solakian, ext 5389.
 Argus C-33, F 1.8 lens with tripod, new \$60. Erik Edman, ext 297 Linc.
 '41 Buick 4-dr sedan, 66,000 mi, orig paint, mint cond, \$250. MI3-5207.
 '56 Ford, p steer, auto trans, 3 new tires, new battery, H, 4-dr, \$199. 625-8642 evgs.
 '51 Cadillac sedan, good cond. J. Catz, ext 2212 or 862-8240 evgs.
 '54 Buick, mech perf, \$100. BE2-9736.
 '55 Chevy 4-dr, R&H, seat belts, \$75. Dick, ext 3717 or 491-1567.

'55 Chevy 6 cyl, 4-dr, ww's, snow tires, R&H, TR6-5565.
 '56 4-dr DeSoto, p steering and p brakes, \$35. Ext 2516 or 254-5487 evgs.
 '56 VW sedan, newly rebuilt clutch and trans, AM-FM R, body good, \$400. Ext 5260 or 267-7543 evgs.
 '57 Plymouth 2-dr Plaza sedan, std shift, 6 cyl, R&H, 4 exc tires, \$150. Ext 30241 or 566-8970.
 '57 Chrysler 5D, auto trans, p steering, p brakes, R&H, good cond, \$200. Bill, ext 6027.
 '57 Ford Country Squire wag, R&H, 2 snow tires, best offer over \$125. 878-9158 evgs.
 '59 VW sedan, good cond, Ext 4814.
 '58 Plymouth wag, 2-dr, newly rebuilt eng; Westinghouse wash mach, front loading, \$40. Ron, 625-6812.
 '59 VW, exc cond, 1 owner, \$725. Ext 5318 or 648-0482.
 '59 VW convert, 48,000 mi, \$700. H. Pauwels, ext 2577 or 625-8540.
 '59 Mercedes Benz 180, 4-dr, R&H, \$1,150. TR6-1911 or Ext 3711.
 '59 Austin sedan, htr, seat belts, good runabout, \$100. 277-8087 evgs.
 '59 Hillman 4-dr sedan, good cond, tires, \$300. Lorraine, ext 5395.
 '60 Porsche roadster, new paint, new clutch, Dunlop "SP" tires. Ext 30469.
 '60 Alfa Romeo Spider, R&H. 227-4207 evgs.
 '60 TR Herald, family car, 31,000 mi, \$325. D. McCabe, ext 7478 Linc.
 '60 MGA 1600 MK I, good cond, \$1,200, will haggle. R. Kane, ext 2171 or 899-4796.
 '60 Fiat 1200 spider convert, Pirelli tires, new brakes, never raced. Ext 2539 or 729-7617 evgs.
 '60 VW sedan, blue, good cond, seat belts, \$700 or best offer. 325-6776.
 '61 Chevy, exc cond, many extras, 6 cyl with std stick. Ext 3485.
 '61 Ford Falcon, std shift, R&H, \$550 or best offer. 323-3283 evgs.
 '61 Rambler 2-dr sedan, auto trans, R&H, good cond. 277-1539 evgs.
 '61 Buick Le Sabre convert, very little use, every conceivable extra. BI4-3088.
 '61 Plymouth Belvedere 4-dr, 8 cyl, p steer, R&H, auto trans. Lavine, RI2-0247 days, AS7-6761 evgs.
 '61 TR 650 cc, 7,000 orig miles. Ext 3469.
 '62 Falcon Futura sports hdtop, exc wking cond, ww's, hydromatic, clean interior. Carolyn, 361-4785.
 '62 VW convert, blue, \$1,350. Ext 2652.
 '62 Chevy II, 6 cyl, 4-dr, blue, p steer, auto, R&H, new tires, tune-up, A-1 cond. KI7-0172.
 '62 TR-3, low mi, perf cond. 536-1892 or Ext 3711.
 '62 Austin Healey 3,000 Mark II with '63 engine, 8,000 mi, exc cond. J.D. Roach, CI7-8124 evgs.
 '63 Pontiac sta wagon, p steer, R&H, etc., 15,000 mi, \$2,350. TW9-1149 evgs.
 '64 TR6, Delorto carbs, Bonneville performance, 4,000 mi, \$950. LO6-7242.
 '65 VW Variant S sta wag, brand new. Mr. Benton, ext 6051.
 '64 Yamaha 80, 800 mi, exc cond, \$300; '62 Honda 50CC, \$175. Karl, UN8-7341.
 Furn or unfurn apt, 83 Revere St, Boston, BR, LR, full K, B, river view. Ext 4159.
 1/2 Sq area apt, 1st flr, BR, LR, K, pking space, yd disposal. Nancy, ext 4523.
 Sublet Feb '65 Beacon Hill apt, 106 Myrtle, 2 BRs, K, LR, B, furn, \$185/mo. J. Tipton, ext 3143 or 523-7111.
 Concord 3 1/2 rm furn apt, all utils, sgle person only, \$85/mo. Ext 5838 Linc or EM9-4477.
 6-rm apt, Brighton, 15 min from MIT. Pat, 254-8211 evgs.
 Mod 5-rm Arlington apt with laundry and garage, adults only. MI3-8514.
 Apt for rent, 5 lg rms view of the Fens, well-kept elevator bldg, \$150/mo, htl. 536-0413.
 6-rm apt, Lockeland estate section, Arlington, paneled porch, fplR, tile B. Ext 7486 Linc or MI3-0834.
 Efficiency apt, Beacon Hill, available immediately, \$85/mo. Ext 251, Linc.
 Charming colonial, 3 BRs, 1 1/2 Bs, comp furn, dishwasher, disposal, residential area. CE5-2060.
 Abington 4-rm expansion Cape, \$14,200. TR8-1863.
 To London spring term, rent E. Lexington home end Jan-end July, 4 BRs, 1 1/2 Bs, mod K, fenced play yard, G, comp furn, close to schools, stores, Florida. Prof. Smith, ext 4679 or 862-8771.
 Beautiful unfurn 3 BR ranch-type home in MITA for rent, option to buy. Tony, ext 461 Linc or PR6-2045 evgs.
 Attrac Cape, LR, DR, K, den, 2 BRs, B, basement playroom, breezeway, G, \$22,500, Cochtuate. OL3-5630.
 Watertown, owner, oversize brick Cape, 6 rms, 3 BRs, forced hw ht, G, 9 yrs old, \$27,500. WA3-8845.
 Watertown spacious house, 3 BRs, LR, DR, 1 1/2B, lg cab K, 2 car stable, garden, \$25,000. WA6-1322.
 Westford 6-rm ranch, 3 lg BRs, htd base, G, lg yd, alum comb windows, low taxes, \$15,900. Ext 5840 Linc.
 6-rm Amer. Colonial, G, fplR, formal DR, K, 1 1/2 tile Bs, 2 dbl, 1 sgle BRs, Arlington, \$25,500. 643-4770.
 Wanted: used adding machine. Ext 2776.
 Wanted: ride from Somerville to MIT, 9 a.m. Janice, ext 3518.
 Wanted: skis, metal or Fiberglas, 67". Ray Kaempfer, ext 3725.
 Wanted: home for 5 mo old kitten until June, comp housebroken. Ann Evans, 566-9252.
 Westgate mother would like to care for sm child in her own home. 491-4071.
 Wanted: typing job, IBM elec, Ext 5041 or 868-5837 evgs.
 Wanted: typing theses and theses. Diane, ext 2768 or 643-5511 evgs.
 Wanted: part-time child's sitter, can live in with board and room of own. UN4-5554.
 Wanted: port sewing machine. TW4-8991.
 Wanted: piano, up to \$100. Ext 2446 or 491-4428 evgs.
 Wanted: anyone going to Europe in 6 mos to pick up/use Mercedes Benz. 354-7191 evgs.
 Wanted: sewing mach, ironing board. Clifton, ext 4683 or 491-3780 evgs.
 Wanted: an exercicle. Ext 5744 or KI7-0655 evgs.
 Fem rmmate wanted to share mod apt, swim pool, air cond, Arlington Heights. MI6-8062 evgs.
 Wanted: used bike, not above \$20; typing services offered, esp technical texts. 868-5294.
 Wanted: fem rmmate for nice apt, block from Hvd. Ext 7895 Linc.
 Wanted: TV set in good cond. Glyn, ext 2384.
 Wanted: used Eng type bike. Keegan, ext 5239 or 491-4119.
 Wanted: ride from Linden Sq., Malden. Patricia Perrone, ext 3335 or DA2-7032.
 Wanted: a used desk. Ext 2707 or 864-4985 evgs.
 Rmmate wanted to share 6-rm apt, top flr priv home, 3 BRs, LR, DR, K, B, \$65/mo, Hvd Sq. 354-7291 evgs.
 Wanted: ride to Amherst area, Fri pm's; fem rmmate for spacious Brookline apt, \$41.25/mo. Julie, X3201.
 Wanted: ride to and from Allston. Marilyn, ext 101 or 734-9190.
 Wanted: used hi-fi set. Jim Allen, ext 3584 or 646-7912.
 Wanted: rmmate for lg 4BR apt, furn, Hvd/Camp St, Allston, bus line to Central Sq. Lew, ext 3584.
 Wanted: inexpensive banjo for beginner, under \$20 in good cond. Cindy, ext 2234 or 489-1651 evgs.
 Wanted: babysitter in or near Newton, avail for occasional daytime sitting. 332-5458.
 Parents of disturbed South End child thank you for helping them pay for psychiatric guidance through your United Fund contribution.