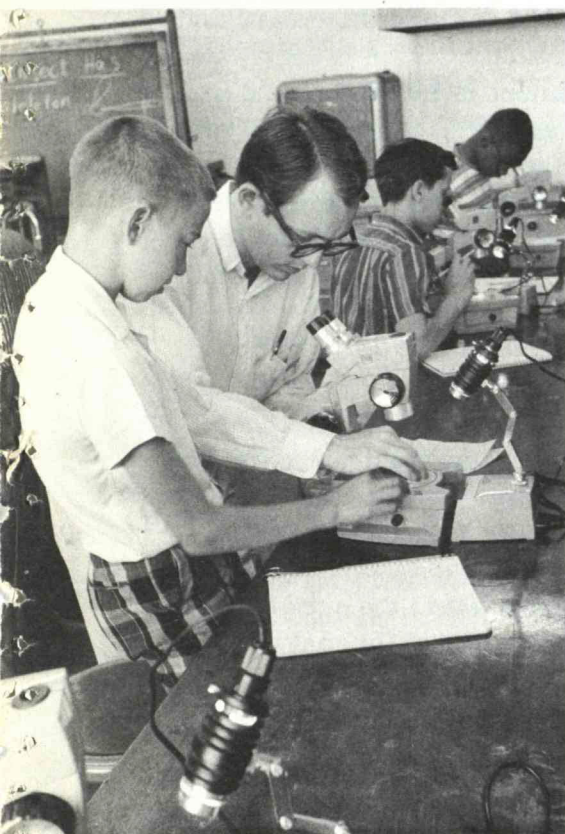


TT Photo by Russ Clark



In lab. Paul Murray (left) with teaching assistant Ron Reeder (Biology)

SCIENCE CAMP

While the regular Day Campers flourish from pool to Pavilion (see picture, lower right), another group of youngsters is participating in the first MIT Science Day Camp. Since June 28, about 30 thirteen-year-old boys chosen by the Cambridge Alliance of Settlement Houses have been enjoying a fresh and uninhibited look at science.

During biology classes they've examined dragonflies under dissecting microscopes, and accumulated a small zoo, including a 12-inch tortoise, sparrow hawk, several water snakes and a frog family. In Prof. Kevin Lynch's (City Planning) section on cities, their first assignment was a "scavenger hunt" for Boston landmarks. Given photographs of Bullfinch houses, et al, they

searched in cars whose MIT drivers followed their directions; and they ended with a tour of the Pru.

Prof. Lynch is chairman of the Faculty Committee on Educational Opportunity which, with the Social Service Committee, is sponsoring the 5-week camp. MIT students are organizing and running it. They look on it as a pilot program in tutoring. Says student director John Nuber, "We're trying to give the kids more motivation for scientific curiosity and, secondarily, give MIT experience in teaching and preparing this sort of curriculum." Prof. Eugene Bell (Biology) is faculty director.

Each youngster takes two of the general subjects: Measurements, biology, cities and physics. Classes are short and informal. On an average there's one MIT student tutor with "his group" of four boys, plus class instructors. About 40 faculty members are involved in the program which, on a typical day, includes early morning and afternoon classes, interspersed with athletics (swimming, judo, etc.) and lectures (Edwin Land is

Photo by Archie Bleyer



On the harbor

TT Photo by Russ Clark



First launch

scheduled and Prof. Edgerton has demonstrated strobes). Lunch is at Walker. There are weekly special events and field trips; among them, so far, a Boston Harbor cruise with Edward Rowe Snow, folksinging and a trip up Mt. Monadnock. On July 5 half the group went to Crane's Beach, the rest to Rocky Point Reserve where they collected the water snakes for their zoo. The boys are chauffeured to and from home by MIT students in rented cars.

SUMMER STATISTICS

The Institute's regular summer school term has an enrollment of 2,071 this year, and 1,648 of the group are graduate students.

For the special summer programs, estimated entire enrollment is 1,500 men and women, about 60% of whom come from industry, 30% from government and 10%, education. These are professional people who want to review latest developments in their fields; and they may choose from a roster of 27, one-and two-week courses. Among them, this sixteenth year of the program, are these new topics, "Applications of Basic Sciences and Engineering to Oral Prosthetics" -- attended largely by dental faculty; and seminars in "Religion and Community Cooperation in Planning, Housing and Architecture."

TT Photo by Russ Clark



Simms

SUPERSTRUCTURE

Moving vans come and go at Westgate. Next to fall, this is the busiest time of year. New grad students sublet for summer, or unload their worldly goods for a longer stay.

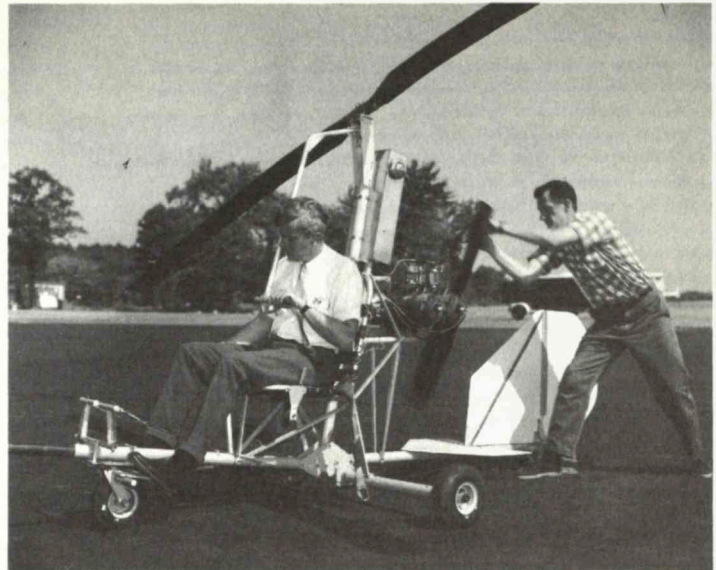
Another newcomer involved in the activity is Thomas Simms, superintendent of the married student complex. Though he's been on the scene for only three weeks, Tom has been doing the same job for MIT at Bexley Hall since 1964, and for several years prior when Bexley was managed by a realtor. Tom served as groundsman from '49 to '58.

Basically, he's responsible for keeping things running smoothly -- a wide spectrum. He may advise a foreign couple on the shortest route to the supermarket, deal with tradesmen, or rescue the young mother who reports that her entire supply of diapers is inside a broken drier in the laundry. Father of three, and grandfather of one, Tom's pretty well oriented to the younger tenants, too.

In the Institute Housing Office, to which Tom reports, there have been some other changes. John K. Colby, Jr., has left MIT to be business manager of the Pomfret School in Pomfret, Conn. James Gross, previous Westgate superintendent, is now overseer of maintenance in all dorms; and former Burton super, Robert Shaw, new liaison man between Housing, Physical Plant and Personnel, responsible for clerical procedures concerning dorms. Both will be assistants to Dan Webster, manager of On-Campus Housing.

THE FLYING LAWN CHAIR

Shades of Kitty Hawk. According to IL technician Gil Bergeron (Bedford Flight's TAC Group), the Gyro-Copter was designed by a long-time helicopter engineer to provide an economical plane for the average man. It has a take-off speed of 20 mph, cruises at 65 and lands at 7, coming to a dead stop after rolling only 20 feet. The main, free-wheeling rotor is driven by oncoming winds and the copter is pushed forward by a 72 hp engine. Sitting on something that looks suspiciously like a lawn chair, the pilot controls pitch and roll by means of an overhead azimuth stick.



The wind-up. Bergeron (right) & Jack Troughton (TAC)

Gil bought his at Lawrence Airport this spring and completely rebuilt it by the end of June, working off-hours and weekends. Unfortunately, he reports that the same day this photo was shot, the craft got caught in a strong cross-wind and sustained minor damage. He calculates it won't take long to fix.

FOR ATHLETES

Here's the summer schedule of MIT athletic facilities: du Pont Athletic Center, the Armory and equipment therein will be open from 10 a.m. to 6 p.m., Mondays through Fridays; tennis courts and various fields, weekdays and weekends from 8 a.m. until dusk, Briggs Field House on the same schedule, except for weekends -- 10 a.m. to dusk. Alumni Pool will be open Mondays through Saturdays, and the Sailing Pavilion daily, 9 a.m. to dusk. (For specific schedules, consult the bulletin boards.)

COMING ATTRACTION

The MIT Community Players will present a staged reading of "Pictures in the Hallway," by Sean O'Casey on July 27, 28 and 29 in Kresge. The cast includes Marie Philips and David Carey from Lincoln Lab. All performances begin at 8:30. Admission is free to members of the MIT Community; tickets may be obtained in 7-108 or call the Summer Session office, 2101.

TT Photo by Russ Clark



Joanne (left) and Maud

EDITORIAL WE

Effective with the next issue "Tech Talk" will have a new editor. Two years and about twenty thousand ads later, Maud Linde is leaving to keep house.

Taking over will be Joanne Miller, who knows MIT about as well as anyone. Starting in 1958, she spent five years as Gal Friday in the myriad activities of Kresge Auditorium. Then, after a vacation in Thailand, she returned to campus where she's been a busy secretary in Public Relations. If you have any news to report -- or ads -- let her know.

FOR SALE ETC.

- New Sony model 102 tape rcd r won as door prize, list \$129.50, best offer. 535-0545, Peabody.
- Good rig for converting VW bus into sleeper or dinette, easy to install or remove. Bill, ext 3530.
- Household furn, appliances, misc items, some avail now, some avail Aug 20-30. 666-0089 evgs.
- GE window fan, 1/2 new price. Also '57 Chev Bel-Air, 6 cyl, std shift, ret to Europe. Lang, ext 6024.
- Color TV, RCA, 21" console, good cond, \$100. S. Levin, ext 2180.
- Record plyr, \$15; Regina vac cldr, \$10; GE trans R, \$14; TV, \$15; iron tble, \$5; bkshel, \$2; port fan. 354-4172 (evgs).
- Apt furn, dbie bed, dressers, desk, DR tble, chrs, rollaway, refrig, etc. 924-1835.
- Sailboat, 210 class, new, Fibreglas bottom, '64 Cressy sails, racer or day sailor, \$2,800. X 3201 or NE1-5125.
- Solid mahog desk, \$10; chest, \$8; bkcase, \$6; captain's chrs, \$4; adj steel bed frame, \$7; man's bike. Tony, X3725.
- Mahog dbie dropleaf end tble; record cab; lg valise, Hartman leather. RE4-2715.
- Encyclopedia Britannica, exc cond, best offer. 232-5596.
- Socket wrenches, 25-pc SK-Wayne 1/2" drive, \$20. E flat alto sax, \$75. Ed Sonn, ext 2461.
- Comp Babcock "27" R control outfit, \$50. Bob Mills, ext 4681.
- Will do typing, ext 4603.
- Simmons sleep sofa; dresser; K tble, 2 chrs; TV or hi std; exchange S&H for TV stamps. Coris, ext 2110 or 491-3577.
- Brand new tonneau cover and workshop manual for MGA '55-'62. Bob Kane, ext 2171 or 899-4796.
- Matt and spring for full size bed, \$20; DR tble, 4 chrs, \$25. 868-8815 evgs.
- Dbie pawed kitten, free. 267-5580 evgs.
- Crosley Shelvidor refrig, running cond. Ext 5361 or 749-5989.
- Dbie bed, \$35; 2 mod sofa chrs, \$25 each; chest, \$15; dresser, \$10; rug, \$20; chrs, tbles, etc. Ext 5354 or 277-2415.
- Washing mach; refrig, best offer. Prothero, ext 710.
- Gentle, housebroken, male, black kitten, free. EM9-5285.
- Match set Maximilian luggage, tan, fitted Pullman, wkend and train cases. Miss Levin, ext 2584 or LA7-3929 evgs.
- Sectional glass front bkcases. Ext 3391.
- Roberts 1055 stereo tape rcd r, 6 mos, orig \$200, asking \$125, will haggle. 868-9858 evgs.
- Tires, 7.60 x 15, ww's, nylon, tubeless, 4,000 mi, \$35. Ext 30310.
- Blond mahog DR set, \$150; maple playpen, \$8; lounge chr, ottoman, \$25; Chinese Chippendale sofa, \$15. 566-0546.
- Sailboat, Snipe class, 16', cedar hull, Fibreglas overlay, good begin boat, asking \$450. Ext 4649 or 523-4668 evgs.
- 3 yr old Tech Dinghy, prac new cond. J. Marks, 868-0962.
- 16' centerboard sailing canoe, \$75. Ext 2288. Also 26" lady's Eng. bike, \$25.
- '61 Neptune Mighty-Mite outboard motor, 1.7 hp, like new, all tuned, used 2 seasons, \$40. Ext 221, Bedford Flight.
- Hotpoint portable dishwasher, used 6 mos, \$100. Mary Gallant, 862-7114.
- 12,000 sq ft office space for rent, Glendale Sq, Everett. 322-2098.
- Dbie bed, \$25; maroon sofa, \$15; bureau, \$10; bkcase, \$10. UN4-5425.
- First edition plates, Wedgewood, 1 doz, pictures of MIT, 1939, best offer. A57-8997.
- 9 cu ft Kelvinator refrig, immac inside and out. PR6-0860.
- 23" console TV, twin hi fi spkrs, phono adaptor, good cond, \$70. 321-1529 evgs.
- Will type thesis on elec typewriter. 876-9562 evgs.
- Original woodcut prints, black, white and color, about \$10 each. Raymond Kaempser, ext 3725.
- Sofa, \$15; Motorola console TV, \$25; sewing mach, \$35; bkcase, \$3; washer, \$80; baby furn, good cond. 396-5979.
- Raleigh bike, very good shape, \$20 firm. Ext 3755.
- Coldspot 12 cu ft refrig, 100% 0° freezer, dbie drs, 8 mos old, still on warranty. Vleck, ext 5636 or 665-1939 evgs.
- 16mm comp equip, exc cond, will sell cheap or trade for 8 mm. Ext 30373.
- Guitar lessons, beginners or advanced. 129-3143.
- Bathroom fixtures, medicine closet, lav, light. N. Steinmetz, ext 695 Linc.
- Upright piano, \$20. 566-6199.
- 32' cabin cruiser, sleeps 4, s-s R, equip for cruising, charter, \$190/wk. W. Mann, ext 3584.
- 7 pairs of slacks, 30 waist, 29-30 leg, various materials, some never worn; also suit, 42 L. Barry, ext 3757.
- Chest of drawers; ample dressing tble; bent wood chrs, match couches; baby carriage; Westinghouse reversible window fan; new Taylor infant bouncer chair; metal filing cab, 2 drawer 24"; Royal typewriter, reas. X708 or 547-0238.
- Purebred Seal Point Siamese kittens, hsebroken, shots, \$25. Also mahog occasional tble, \$3. AL4-8187 evgs.
- Grass and leaf catcher, fits most Sears rotary mowers since '60, exc cond, \$5. Swain, ext 2140. Also 8 port steel fence sections, 42" high by 4' wide, ideal for children or pets.
- BR furn, lg rug, 8 mos old dbie bed, bkcase, desk and chr, bed tble and lamp, \$110 total. Kerwin, X1370r 267-9610.
- 2 Goodyear Suburbanite snow tires, 7.75 x 14, used past winter, 3,500 mi, \$25. Ext 2584.
- 12' alum boat, 7 1/2 hp motor, etc., \$200. 891-5212 evgs.
- Upright piano, \$50; Westinghouse refrig-freezer, \$50. Ext 7308 Linc.
- Rocking horse, all steel, like new, orig cost, \$39, sell for \$10. A. Arena, ext 4220.
- Golf clubs, 1 and 3 wood, \$10. Tom, ext 391 Linc.
- Fedders air cond, 1/2 hp motor, \$40. Free: 1 grey, 1 blk kitten. 259-9514.
- 3 wrought iron standing lamps and 1 bedside tble, \$1 each. 868-5567.
- Danish walnut desk and chair, excellent cond, \$55. Ext 2223 or 491-8179 evgs.
- Slightly used Kenmore elec broom, \$15; GE fm R, great sound, \$10. Carol Tokosh, ext 5691 or 491-6050.
- '31 Model A 2-dr sedan, good cond. Bill, ext 2941.
- '47 MG-TC, new valves, new tires, right hand drive, needs paint, \$1,100 or best. 396-9417 evgs.
- '49 Chevy, best offer. Ext 4629.
- '53 MG-TD, blk, ww's, good cond, \$900 or best offer. EX 5312 or WA3-1229 evgs.
- '54 Mercury rebuilt eng, new tires, \$100. Ext 2539 or EX5-0662.
- '55 red Jaguar coupe, reas cond, \$600. Schroeder, 536-1375 evgs.
- '55 Studebaker Commander, R&H, std V-8, good tires and trans, \$85. Pat, ext 254 Linc.
- '53 Chevrolet, owner living country, must sell. Also 2 6.70 x 15 tires; 2 good retreads, same size. Fred, ext 2480.
- '56 Austin Healy, 4 cyl, with overdrive. Lazar, ext 5338 or K17-3233.
- '57 Chevrolet 2-dr sedan, good working order, std shift, yours end-Aug. Also bike, hi fi, skis. Ext 2688 or 547-3409.
- '57 Plymouth, 6 cyl, std shift, best offer. Ken, ext 30541.
- '57 Rambler, V8, sta wag, 49,000 mi, very good cond, mech, \$150. Engelmaier, ext 2256.
- '57 Ford, 2-dr, 6 cyl, R&H, std shift, \$125. Kaiser, ext 3221 or 449-0622.
- '57 Chevy, std shift, 6 cyl, \$150. Morey, ext 30352 or 969-5428 evgs.
- '57 Chevy, Bel Air, hdtop, turo-glide trans, R. P. Brown, ext 3460 or 326-1557, Westwood.
- '58 Chrysler sta wag, 9-passenger, \$205. Jones, 83-2817 or 527-9110.
- '58 Chevy Impala convert, rebuilt eng, 4 new ww's, Hurst 3 sp, best offer over \$300. Jay, ext 3591.
- '58 VW, 52,000 mi, \$450. Ext 3200, 4530 or IV4-8139.
- '59 Ford Gal. 500, 2-dr, hdtop, R&H, asking \$325, will talk, can be seen at Nat'l Magnet Lab. F'd Bowles.
- '59 White Ford, good cond, 2-dr sedan, auto trans. Mary, ext 461 Linc.
- '60 4-dr Rambler American, std shift, R&H, snow tires, orig owner, \$200. 924-0252.
- '60 VW sedan, exc mech cond, exc body, \$675. 324-8079 evgs.
- '63 BMW R60, low miles, many extras. 523-7045 evgs.
- '60 Valiant 4-dr sedan, R&H, seat belts, new tires, good mech cond, clean in and out, \$450. 232-0087 evgs.
- '60 Karmann Ghia, best offer. Ext 5451.
- '60 Pontiac Catalina, auto trans, 4-dr hdtop, p steer/brakes, exc cond, \$795. 598-5173.
- '60 Ford Fairlane, std shift, R&H, 6 cyl, exc cond, leaving by Aug 4. Ext 6081 or EL4-4542.
- '61 Merc Comet, auto trans, 4-dr sedan, prime cond. 868-5366.
- '62 Corvair convert, white with blue int, 4 spd, 102 eng, ww's, R&H, many extras, clean. Bob, ext 2593.
- '62 Impala super sports, V-8, auto trans, R&H, exc cond, \$1,495. Gil, ext 5496.
- '62 Ford country sedan, 9-pass, 8 cyl. '63 VW sedan, sunroof. Ext 5612 or VO2-5011.
- '63 Olds F85 Cutlass, white, R&H, ww's, snow 't's, 23,000 mi, \$1,800 or best. 876-7834 evgs.
- '63 Corvair, 4-spd, maroon, exc cond, reas. Neil, ext 2816.
- '64 Chevy Impala Super Sport convert, bucket seats, all power, \$2,350. Roger Neal, ext 2573.
- '63 Peugeot, \$1,000 and '63 Renault Dauphine, \$650, low mi, will haggle. TW9-4368.
- '64 Karmann Ghia, blk, R, \$2,000, going to Europe, avail Aug 7. Ext 3201 or NE1-5125.
- '64 Corvair Monza convert, 4-on-floor, all extras. Ext 200, Linc.
- '64 Plymouth 2-dr hdtop, dk blue, 383 eng, 330 hp, 4 spd, \$1,950 or best. Walter F., ext 5181.
- '65 Ford Mustang, exc cond, \$1,850. 933-5716.
- '65 Mustang, white convert, 5 mos old, blk top, blue int, 6 cyl, 3-on-flr. \$1,995. Gail, 475-6433.
- Sublet furn apt to Sept 1, option, near Comm and Hvd Aves, attrac, 3-rms, \$119/mo, incl utils. X2352; 254-1970.
- Cornutt, York Beach, Me. Ext 6232 or IV9-1707.
- Rent 2 lg air cond furn rms, Brookline, w/quiet fam, K, B, all utils, prefer cple, reas rent, pking. BE2-0668 evgs.
- Sm secluded cottage with charm, rent in Aug, Indian Hill, Martha's Vineyard. Ext 4898 or Davis 6-5151.
- Peabody ranch, immed sale, \$16,990, 3 BRs, G, 30 min to Kendall Sq, all elec K. Call collect 212-549-9497.
- Stoneham 6-rm garrison col, 3 BRs, K, L.R, DR, 1 1/2B, nicely landscaped, \$22,900. Owners, 438-4427.
- Cape Cod waterfront cott, Long Pond, Harwich, 2BRs, K, LR, full B, ht, hw, priv beach, avail after July 31. X2140.
- Apt, very mod, 1 BR, walk to MIT, \$85/mo. Ext 30508 or 491-4359.
- 1 BR Back Bay apt, avail 7/17, option to renew, \$130/1 1/2 mos. Also for sale, Fedders air cond. Dixon, X30557.
- Sunny studio apt in Brookline, near Beacon, mod K, pking, furn or unfurn, \$100. A57-3881.
- Me. coast federal hse c 1830, 10 rms or 2 apts, heavenly summer/retirement, under \$20,000. Sumner, X 5673.
- So, Natick col, 4 rms, 1 1/2 bs, lg Y, choice acre loc, mid 20's. 653-1354 or ext 2489.
- For rent: Sm hse, Camb, Aug. Ext 3391.
- Arlington brick contemp, 4 BRs, 1 1/2 Bs, all elec K, lg LR w/fp, \$29,800, secl wooded lot. 643-9798.
- 5-rm apt, 1st flr, furn, \$110/mo. 547-4917.
- Rent, Aug, 3 BRs, elec app, etc., exc fishing, 10 mi from Newport, VT, Lake Memphremagog. 489-1727 evgs.
- Also for sale: 140 acres wooded land, near ski lifts, \$10,000, same area in Vt.
- Lg shorefront cott, Linekin Bay, East Boothbay, Me, 4 BRs, comp furn, \$90/wk, Aug. 29-Sept. Ext 7426 Linc.
- Sub apt near Hvd Sq, avail Aug 1, renew Sept 1, 5 rms, \$150/mo, incl ht and utils. Ext 2425 or UN8-7982 evgs.
- Base apt, BR-sitting rm, K w/Dining area, B, newly dec, partly furn, \$95/mo. Ext 4159 or LA3-2391 evgs.
- Wanted: Classic or folk guitar, full size, reas price. Joe Loughron, ext 2995, 4-5:30 p.m. or OX8-0346 before 3.
- Wanted: Male roommate, Sept 1. 491-1988.
- Ride wanted to and from MIT-Winchester, hrs 9-5. Cindy, ext 3494.
- Wanted: Collapsible high chair. Mrs. Gordon, 861-0062.
- Will you drive my VW to Calif, around the beginning of August? Prof. Marglin, ext 3378.
- Wanted: Ride to and from Lawrence, weekdays to Cambridge, 9-5. Libby, ext 2701 or 683-6450 evgs, Lawrence.
- Wanted: Flat bottom sail boat, 10-12'. Jim Garvey, ext 254 Linc.
- Wanted: Ride to and from MIT-Brookline, 8-5, Hvd. St. Paula, ext 5442.
- Wanted: Baby high chair, good cond. Neil, ext 2189.
- Wanted: Female to share with 2 others 4-rm furn apt nr Hvd Sq, \$55/mo incl utils. 864-6866 evgs.
- Wanted: Full size violin, good cond. Lee, ext 2588 or 862-0268.
- Wanted: Fem rmmate to share mod, furn Back Bay apt beg Sept 1. Loraine, ext 5495.
- Fem rmmate wanted to share clean, spacious, well furn apt, Hvd Sq, 3 others, July & Aug, \$65/mo. 491-3138.
- Wanted: Sm freezer or refrig with lg freezer. Dave, ext 2532 or 254-1970.
- Wanted: Cab sink, under 6', reasonable cond, cheap. Cal Owen, ext 2552 or 262-4534 evgs.
- Wanted: Sept 1, 2 BR apt or pref 1-fam hse, unfurn, cple, no kids, have dog, nr 128 or closer to MIT. Ext 3264.
- Wanted: Men's metal skis. Herb, ext 5363.
- Wanted: Blond RCA orthophonic monaural record chgr, regardless of cond. Sam Ewing, ext 7441 Linc.
- Wanted: Rmmate thru mid-Sept, Bcn Hill duplex; also King-size bed. Jon Ellertson, 51 Garden St., 227-6874 (9-4).
- Roommate wanted: 3 BR apt with 2 other males, 2 L.Rs, sunporch, Camb, avail July 15, \$43/mo. David, ext 3229.
- Wanted: Apt for fam of 3, Camb or Arl, \$90 tops, will exch work for rent, June, ext 5695 or 266-3634 evgs.
- Wanted: Ride to and from Randolph-MIT, Mon-Fri, 9-5. Susan, 963-6939 evgs.
- Wanted: Furn home, rent, nr Newton, Belmont, 2 lg BRs, for visit prof, 8/65-6 or 8/66, \$300/mo. X 5883.
- Ride wanted to and from MIT for 2 girls living in Brighton near Parsons St. & Soldiers Field Rd. Ext 2691.
- Wanted: Driver from Bedford to MIT, wkdays, 9-5, my car. Ext 6064.
- Wanted: Babysitting. Dina, 547-0311, after 6 p.m., Wed-Fri.
- Wanted: 2 fem rmmates to share Brookline apt nr Coolidge Cor, Sept. Ellen, 734-9095 evgs or 762-7256 wkends.
- Wanted: Used spinet or upright piano. Ext 8061, or ST2-8557, ask for Ltz.