

COMING OF AGE

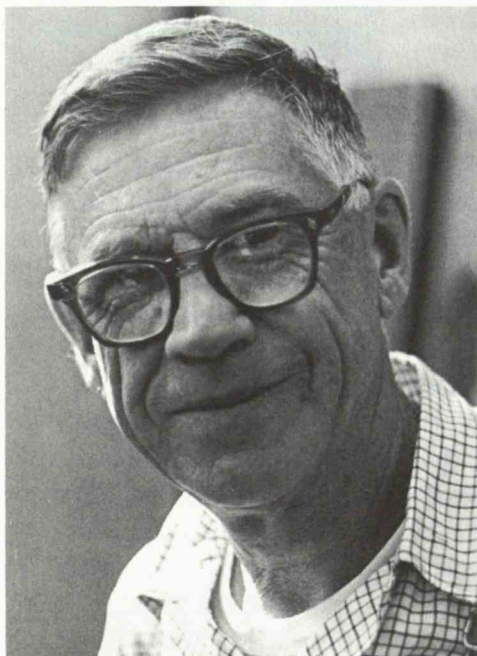
Today is the last official day of work for most of 60 members of our community whose retirement begins tomorrow. Some are already enjoying full-time leisure and a few will still come in to wind up their careers here.

The total time invested by 45 employees comes to nearly 800 years. Though most have been here at least ten years, 16 have contributed 20 years or more to the Institute's well-being: Chester Babcock (ME), John A. Byrne (ESL), Walter L. Callanan (Aero), James J. Cunningham and Herbert A. Moore (DSR guards), Eber Heston (EE), Schuyler Holbrook (Chem Eng), Agnes McDonough (Telephone Office), Wilma E. Munroe (Medical), Harold W. Stahle (Lincoln), Walter A. Tripp (LNS), and David A. Klagge, Norman Lander, Jeremiah J. McGillicuddy, Arthur A. Morton and Duncan Strathie (Physical Plant).

Two childhood friends who swam together in a pond in Newfoundland 50 years ago and have continued their friendship through long service at MIT, are included in the list above. Norman Lander is the senior member of this year's retirement class, having completed 46 years in the Mail Room. His boyhood friend, Duncan Strathie, a carpenter in Physical Plant, is not very far behind with a total of 34 years at MIT--a sum of 80 for the two.



Norman Lander



Duncan Strathie

All the mail could be handled by two people when Norman Lander arrived. Now, incoming mail arrives three times a day and sorting and delivering it occupies five people full time. Norman's ties with MIT will not end with retirement, though, for two of his seven children are MIT alumni. With most of their children living on the West Coast, the Landers plan to use some of their free time traveling to keep acquainted with 28 grandchildren and, so far, one great-grandchild.

Duncan Strathie, a gifted craftsman, has worked both in the Carpenter Shop as a cabinet maker and all over the Institute in general maintenance work. He admits, reluctantly, that he liked MIT better when the campus was smaller--not so far to travel carrying heavy tools. Still wood-working as a hobby, he makes carvings, mostly of birds. The Strathies plan to spend their retirement in a house Duncan built on Cape Cod. Their son, a former paratrooper and skydiver, now a commercial pilot, will fly them to Florida for winters.

"You might call it a series of highlights," Mrs. Claire Edwardson says of more than 35 years' association with the President's Office. Her MIT service actually comes to 42 years. She came "temporarily" during the depression and worked in several offices, occasionally filling in in the President's Office. When Dr. Compton came to MIT in 1930, Mrs. Edwardson permanently joined the staff of the President's Office, later working for Dr. Bush, Dr. Killian and Dr. Stratton.

While working with Dr. Compton, Mrs. Edwardson began keeping faculty and corporation records and ever since has been an invaluable source of information on who's who at MIT. Other responsibilities have also fallen to her lot, a major one being annual arrangements for the Commencement Luncheon. She also remembers with pleasure making preparations for the visit of the late Sir Winston Churchill at the Mid-Century Convocation.

Retirement will take the Edwardsons to a farm they have owned for many years in New Hampshire. A prized possession going along with them is a portable TV given to Mrs. Edwardson last month by nearly 100 of her associates in appreciation of her help and unflinching tact.

Mrs. Edwardson, still a little uncertain about retiring, likes to think of her time as being an "extended vacation...until I get used to the idea." This summer she hopes to raise a really good garden and to spend a lot of time with her two daughters and their families. MIT rubbed off on her daughters--they are believed to be the only sisters who are both MIT graduates.

Agnes McDonough, retiring from the telephone office, recalls when she started as one of three operators on the Institute's small switchboard which closed at night and on weekends. If that sounds strange, it's because Miss McDonough first came to work here in 1926. She has remained unruffled and helpful as an operator, information operator, and most recently as a verifier of complicated computer print-out telephone bills. She looks forward to no longer having to come in on wintry mornings when the switchboard is open though the Institute is closed. The trip was a long one, for she lives with a niece in Burlington. Her retirement plans call for "nothing special," but quite a bit of knitting for her niece's three small children.



Agnes McDonough

Harold W. Stahle, better known as Jake, has a 20-year record at MIT and has been with Lincoln Lab since shortly after it began. In fact, he was in on its beginnings as a technician with Projects Hartwell and Charles which preceded the formation of Lincoln. Starting out as an imaginative tool and die maker, Jake has risen to become foreman in Group 62 where he has helped construct some of the most advanced communications systems such as the Lincoln Experimental Terminal (LET).

An active and energetic man, Jake will take a month's vacation, then begin working part-time again, both to keep busy and to help support two children in college. But he will have more free time to indulge his hobbies. He is an avid sailor and, with his son as captain and himself as crew, is a formidable opponent in 110 and 210 class races near his home in Beverly. Together they have won several times. Another of Jake's hobbies, photography, got a boost on Tuesday when more than 70 of his friends and associates gathered to present him a movie camera as a token of their esteem. Now movies will be added to Jake's large collection of photos, many of them nautical in nature.



Jake Stahle

FACULTY RECESSIONAL

The retirement of ten members will also deplete the ranks of the faculty and administration this year. With an average of 28 years each, many are men we all know and will miss as much as the students will.

Prof. William C. Greene came to MIT 41 years ago as an instructor in what was a very small department of English and history, and ever since has helped guide the development of the now considerable Department of Humanities. He has come to know many members of the community through a common interest in MIT theatrical events, particularly Tech Show.

Institute Professor John C. Slater, recognized for his contributions to the quantum theory of matter, came from Harvard in 1930 to be head of the Department of Physics and helped strengthen the Institute's work in science. After World War II, he helped establish RLE and LNS, and led planning for the Center for Materials Science and Engineering.

An inspired teacher, Prof. Joseph Keenan wrote his own textbook, "Thermodynamics," which has been the standard text on the subject for 25 years. For a time he was head of the Department of Mechanical Engineering and has always been an active participant in curriculum development in the Department. Recently he received an honorary LL.D. from the University of Glasgow in Scotland.

The Institute's popular master of ceremonies and one of its most gracious hosts, Dean Frederick G. Fassett, Jr., has retired to his home in Maine. As MIT's first dean of residence, he and Mrs. Fassett have entertained thousands of students each year for the past ten years. Dean Fassett earlier had served as editor of "Tech Review," director of the summer session, of publications and of the Technology Press.

Prof. John T. Rule, after 30 years on the faculty, will retire to New Mexico where he will be consultant to St. John's University, West. As an alumnus, he had special sympathy for students and served for five years as Dean of Students. He has since cooperated with Dr. Benson Snyder in a psychological study of undergraduates and their interactions with the Institute.

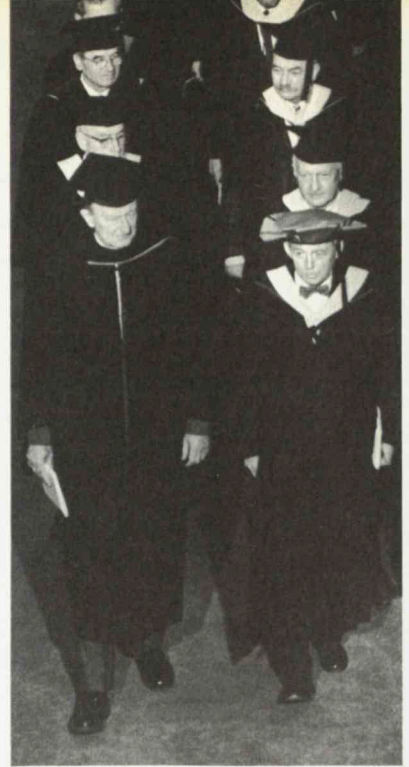
The third generation in a distinguished French scientific family, Prof. Antoine M. Gaudin continued the family tradition with research which led to the first continuous commercial production of uranium. He came to the United States in 1917 and has been at MIT for 27 years.

Foreign student enrollment has more than tripled since Prof. Paul M. Chalmers was appointed MIT's first advisor to foreign students 20 years ago. Sensitively helping with problems faced by newcomers, Prof. Chalmers has built up friendships around the world. After vacation, Prof. Chalmers will be back at the Institute part-time as editor of the "MIT Observer."

Henry B. Kane, an alumnus, returned in 1940 to become the first director of the MIT Alumni Fund. The Fund has grown to be one of the top half-dozen in the country, and the \$2 million raised this year is its high point to date. A talented artist as well, Mr. Kane's drawings have frequently appeared in MIT publications, including Tech Talk.

Prof. Roland D. Parks, a specialist in mineral evaluation, has been on leave since 1964 as a mine valuation expert with the U.S. Treasury Department, a position he will continue to hold.

Dr. Alexander Smakula, an enthusiastic teacher and ardent researcher, has made contributions in several fields. One of his computations in crystal physics is called the Smakula equation. For development of an anti-reflective coating now used on all camera lenses and most optical devices, Dr. Smakula will receive a medal from the German Society for Photography in the fall.



Honored guests in Commencement procession (front to back): Professor Greene, Dean Fassett, Professors Chalmers and Gaudin, Professor Smakula and Mr. Kane.

FOR SALE, ETC.

Nikon F photomic camera w/Nikkor auto zoom (43-86mm) & filter in hard case, br new, never used, \$380. Hiroshi, ext 3902.
 Free: wide-eyed innocent 3 mo old female kitten. Sherrie, ext 6410.
 Min poodle puppies, br, m, 3 1/2 mo old, exc line, AKC reg. perm shots, home-raised, housebroken, marvelous disposition, \$75. L. Krohn, ext 7888 Linc.
 Sony 263D 4-trk stereo tape deck, \$50. Dick Wishner, ext 694 Linc.
 Yashika dbl reflex camera, \$35; m & f Eng bikes, \$20 ea. Ext 4861 or 491-3669 evgs.
 Pool tables, regulation, 1 yr old, \$450. Call 284-2642 or 284-8184.
 German shepherd puppies, AKC reg, m \$65, f \$50, 3 mos old. Ext 4029.
 Philco TV, \$20; GE hair dryer, hatbox, \$20; tall wh util cab, \$9; man's lg armoire, \$12; lg wd wardrobe, \$8; pole lamp, \$15. Ext 6012 or 876-0483.
 Paco space ST25 mltplx FM tuner kit, unbuilt, orig \$70, now \$30. Pressman, ext 4031.
 Coffee tbl, 20x30x18" high, bleach mahog antique design, \$9. Call 274-8595 evgs.
 Console 21" TV, gd cond, \$25; mahog fin end tbls, \$5 ea; wd record cab, \$5; mahog 2-tier tbl, \$4; aqua LR lamp, \$3 ea; Halicrafter recvr, \$35. Elaine, ext 2752.
 Kodak M6 super 8 camera, nearly new, \$90 or best offer. Cho, ext 214 Linc.
 Min bl poodle f puppies, 8 wks old, AKC reg, champ stock. Ext 4594 or 484-9591.
 C. Wiggins oil pntg, dairy scene, approx 24"x36", asking \$250. Ext 1363.
 Comp Wilson K-28 irons inc wedge & putter, bag, nearly new, \$115. Call 783-0989 evgs.
 SCM classic 12 typwr, script type, 2 yrs old, exc cond, \$60. Ext 6041 or 782-3171 evgs.
 Curly birch BR set: dbl bd, bureau w/oval mirror, nite std, 2 ch, asking \$75. Jim McEwen, ext 3422.
 VW radio, batt, wheels. Bob, ext 5995.
 Brown & Sharpe, Start micrometers, calipers, gauges, etc, br new, best offer; misc heavy-duty pipefitting tools, ratchet, threading set, best offer. Arena, ext 4220.
 Old Smith-Corona typwr, \$25. Les, ext 3530.
 Twin stroller free to doubly blessed. Swap 3" Dumont scope for stereo tuner. Ext 5411.
 Girl's 26" bike, \$12; knobby pine dresser, \$15; fling bed w/gd matt, \$15; drop-leaf tbl, \$4; 2 nest tbls, \$6; glass fr bkcase, \$12. Snider, ext 3551.
 Trntrl arm, stereo cart. M. Steinmetz, ext 695 Linc.
 Pup tent, 2-man, floor, screen door, \$8. A. England, ext 6394 or 547-5162 evgs.
 Boat, 14' w/25hp outboard, access, needs minor work, Lady Bea trailer, \$275. EM 1-4578 evgs.
 Siamese kittens, affectionate, trained. Ext 3558.
 Admiral 17" TV, \$20; wringer washer, \$15; chest, \$10; dbl bd w/matt, \$10; lg desk, \$10. Virgil Elings, ext 2396.
 Olympus Pen-F camera, f 1.8 & 1/2 frame, 72 exp, 35 mm. Morris, ext 3246.
 Must sell dbl bd, matt, box spr, hdboard, gd cond, bedding avail, best offer. Call 581-0237.
 Free: three kittens, 2 charcoal, one blond. LA 7-5312.
 Arm ch, chest, dressing tbl, TV, crib, other items. P. Yock, ext 4830.
 Stealcase 30x60 grey desks w/center typwr well, exc cond, \$70 ea. Ext 4770.
 Golf bag, 2-wh cart, 9 Butchant stainless irons, 1 Wilson iron, 1 Sand iron, 2 McGre-gor wds, several balls & tees, exc cond, \$75. Ext 1523.
 Lugg rack & shop manual for Honda 305 or 250. Call 491-6285.
 Vespa '64, 150cc, low mi, windshield, spare tire, lugg rack, \$300. Gillespie, ext 4031.
 Comp Argus movie outfit, 8mm camera w/f 1.9 zoom, case, lightbar, proj & screen, \$80. Ext 7711 Linc or 275-7430 evgs.
 Sm tricycle, \$3; collapsable stroller w/new padded seat, back rest, canopy, \$8; girl's bike, 26", fair cond, \$6. Lou, ext 6438.
 Riding garden tractor, pulling reel mower, asking \$50. D. Ross, 862-4443.
 Variety of new & used stereo comps. Lenny Coris, 491-3577 evgs.
 Man's bike, almost new, 3-spd, \$15. Dash, ext 4536.
 Console TV, 17" gd sound & pic, \$25. Mark, ext 1557 or 862-0528.
 GE 10 cu ft refigr w/freezer comp, exc cond; chrome K set, formica, padded ch. TA 5-2182.
 Grumman 15' alum canoe w/access, \$170. G. J. Katz, ext 3531.
 K set, formica, \$25; wash mach, auto, \$40; 27" TV, needs pic tube, \$15. FA 5-9236.
 Sailfish type boat, new fiberglass bottom, best offer. Ext 4008.
 Stereo amp, 10w, \$5; 6 Kinsman tone generators, 6 octaves, \$35; 300v DC booster, \$5. Call 623-2553 evgs.
 Doberman Pinscher puppies, blue line, AKC reg. Harrold, ext 5708 or 876-3208.
 Comp furnishings incl appliances for summer cottage, gd cond. PR 6-0764.
 Contemp 7-pc DR set, 4 ch, tbl, breakfront, buffet or desk, \$190; tricycle; misc sm itm. Call 646-1369 evgs.
 Shick mod 205 elec shaver, br new, \$10. Call 324-2498 evgs.
 BR set, 3-pc; K set, tbl & 4 ch; TV; end tbl; odd dishes. Flo, ext 6448 or 868-1643.
 '54 VW, one owner, no rust, \$125. Also Remington port typwr, \$25. Ext 7214 Linc.
 '55 Chevy Bel-Aire, std, 6 cyl, \$75 or best offer. Bill Bartlett, ext 1419.
 '58 Citroen ID-19. Mayer, ext 3247 or 491-2973.
 '58 Ford sta wgn, auto, gd mech cond, \$150. Art, ext 7896 Linc.
 '58 MGA, R&H, wire wh, tonneau, bumper guard, recent top, sliding windows. Dick Barone, ext 4430 or IV 4-1040.
 '60 T'bird convert, V-8, wh, red int, comp pwr, exc cond, \$900. Call 872-2880 evgs.
 '60 VW sunrf, 59K, exc mech cond, red, \$480; Schneiderbauer VW roof-rack, all metal, lg, \$35. Call 729-5973.
 '60 Rambler sta wgn, gd cond, R&H, second car, must sell, \$450. Call 448-5003 in West Groton.
 '61 Pontiac, wh, 4-dr hrtdp, orig owner. Call 933-0256.
 '61 Volvo 122S sedan, must sell, \$600. Call 547-6533.
 '61 Renault Gordini, exc cond, R&H, like new, \$300. Call 862-1792 evgs. Also '62 VW, grey, sunrf, orig owner, R&H, ski rack, lugg rack, \$975. Exts 6249 or 9227.
 '62 Chevy II wgn, R&H, auto, belts, extra snow tires, exc cond, \$650 or offers. Brian Hartley, ext 4986 or 868-0092.

'62 Buick Skylark 2-dr hrtdp, sport coupe, 4 on the fl, synchro, buckets, exc cond, \$975. Bruce, ext 7478 Linc.
 '62 Rambler, R&H, new batt, exc cond, must sell. Call 395-9159.
 '62 Hillman super Minx sta wgn, rear cond, best offer. F. M. Fisher, ext 3373.
 '63 Corvaire, 4-dr, 4-spd box, positrac, diag belts, new tires & batt, very clean, orig owner, need bigger car, \$850 or near offer. Ext 1283 or IV 4-6670.
 '63 Chevy II, 4-dr sedan, exc mech cond, \$500. Ext 2775.
 '64 Corvaire convert, perf cond. Ext 3120.
 '65 Chevy super sport, fly equip, 4-spd trans, 300hp, 18 K, exc cond. Ext 7185 Linc.
 Ari, 3-rm furn apt, all util, avail 7/1. S. Gilman, 643-2762.
 Back Bay, Gainesborough St nr museum, 2 1/2 rms, tile B, hardwood fl, sublet or perm. Scott Gilliam, 262-9413.
 Back Bay, Newbury St, LR, BR, study, avail now. Ext 5683 or 266-0604.
 Back Bay, studio apt, mod K&B, bsmt, avail 7/1, \$135/mo. Jeff, ext 1466.
 Bay State Rd, lg studio apt, comp furn incl silver & kit wares, fp, shower, k'ette, pking avail, \$25/wk. Call KE 6-1856 for appt.
 Comm Ave, eleg 2 BR apt, lg LR-DR, pantry, store rm, \$130/mo. Also, fine collec furn, avail 9/1, see before 8/1. Rogers, ext 6074 or AL 4-8187.
 Bel, lg 4-rm apt, new house, 10 min to Harv Sq, gar, avail 7/1. Call 489-0348 evgs.
 Brighton, sublet w/opt, unfurn 1-BR apt, near trans & pking, \$100/mo. Ext 5054.
 Brookline, sum sublet, 2 BR apt, \$45/mo. Call 566-3820 evgs.
 Camb, 5-rm apt, furn, sublet, garden, \$165/mo. Call 876-8271.
 Watertown, nr Bel line, 6-rm upper, enc porch, gar, avail 8/1, adults, quiet. Call WA 4-4763.
 Watertown, 5-rm, 4 yr old apt, first fl, avail 7/1, \$150/mo. Call 924-7446.
 Winch, furn house, 4 rms, fin bsmt, avail now, \$175/mo. MI 3-4063.
 Beverly, ranch, 3 BR, den, 2 B, lg fpLR, DR, mod K, corner lot, Ext 1341.
 Burl, 3 BR ranch, fpLR, din area, wal panel fam rm, oversize gar, alum storm windows, 20K sq ft, landscaped, \$21,500. Call 272-9217.
 Burl, exc 2-story contemp, fly landscaped, corner lot, 3 BR, den, 1 1/2B, playrm, many extras, nr Rt 128, mid \$20's. Chernow, ext 4677.
 Camb, off Brattle, 7 BR, 3 1/2B, mod K, lg lot. EL 4-2333.
 E. Lex, nr Rt 2, contemp split level, 5 BR, fl bsmt, 2 carport, 2/3 wooded acre, coop swim pool, 3-zone htg, owners lving, \$43,000. Call VO 2-3657.
 Lex, 4-BR Techbuilt model house, lg LR & DR, mod K, 1/3 acre, next to trans, avail 8/1, asking \$35,900. Call 861-0968.
 S. Natick, 2-fam, 5 rms down, 6 rms up, single-fam area, lg lot, exc cond, mid \$30's. Ext 5366 Linc.
 Wareham, 7,200 sq ft lot nr lake, \$970. Don, ext 5207.
 West Acton, 4 BR older home, FHA appraisal, \$15,200. Ext 6149. Also, '60 VW microbus, gd for parts only, gas htr, \$50.
 Boothbay area, Me, 8-rm cott, 2 B, dock facilities, avail 7/8-8/31, \$55/wk. Call 332-8618.
 Hollis, N.H. waterfr cott, Silver Lake, sleeps 6, less than 50 mi from Boston, avail Aug, \$325. Call 782-7284.
 Kittery Pt, Me, cott on water, 7 rms, 1 hr from Boston, avail July-Sept. Call 785-1887.
 Lake Chocorua, 2 BR cott, priv swim, canoe, \$75/wk. Ext 4488.
 Stoddard, N.H., 1810 cape in village, nr lakes, 5 BR, 2 B, sale or rent. Ext 2951 or 648-5134.
 LOST: aquamarine stone, 3/4" dia, vic Bldg 4 to Walker, lost 6/8. Sharon Mahoney, ext 3334 or 643-5356.
 Wanted: fiberglass surf board. Ext 6532.
 Wanted: car to rent, end of June to mid July. Call 523-2120.
 Wanted: male rmmate to share apt at Charles River Park for sum or year. Ext 6715.
 Wanted: 2-BR furn apt starting Aug or Sept in gr Boston area. Paula, ext 4030.
 Wanted: Singer treadle sewing mach. Ext 4487.
 Wanted: Scuba diving partners. Bob Thomas, ext 4685 or 527-4526.
 Wanted: roof carrier for Falcon sta wgn. Mike Cagan, ext 5573.
 Wanted: fem rmmate to share 4-rm furn apt in Camb, piano, TV, gd loc. Marie, ext 4850 or 876-1291 evgs.
 Wanted: children's toys & books, adult books for Clinical Res Ctr. Ext 6331.
 Wanted: ride from Melrose to MIT daily 9-5. William Appledorf, ext 6240.
 Wanted: house or apt, 3 BR, to rent Aug 1-Jan 31. Krochmann, ext 4616.
 Wanted: furn accommodations for prof, wife, 1-yr-old son, July 4-16. Write M.D. Levine, Dept of Elec Eng, McGill Univ, Montreal 2, Quebec.
 Wanted: babysitting, July & Aug, young Eng woman nr Cent Sq. Mrs. Johnson, ext 3246 or 868-5657 evgs.
 Wanted: car to rent for summer. Don, ext 2171.
 Wanted: fem rmmate to share Brighton apt w/2 others, mod, 2 BR. Barbara, 782-4939 evgs.
 Wanted: someone to share driving to New Orleans, lving 8/10-15. Bill, ext 2680.
 Wanted: typing. Ann, ext 4508 or 4831.
 Wanted: ride from Lawrence to BU or MIT daily 9-5. Ext 6850 evgs.
 Wanted: fem rmmates to share lg apt no Newbury St, Boston. Call 266-0833 evgs.
 Wanted: slide proj w/push button control. Lewin, ext 4282 or 489-0192.
 Wanted: ride from Lynnfield to Boston or MIT daily, urgent. Call 334-4717.
 Exp student photographer will photo candids of children, adults. Owen Franken, ext 3205.
 Wanted: 10-spd bike. DE 2-4466.
 Wanted: 10-spd bike. B. Mitchell, ext 2676.
 Wanted: man to share new 2-BR Brighton apt, air cond, approx \$100/mo. Call 254-0052, leave name & number.

Tech Talk is published every two weeks. Send news and ads to Miss Miller, Room 5-211, Ext. 2701. The ad page for the issue of July 13 is filled. Deadline for the July 27 issue is July 12. Ads not accompanied by name and extension or room number will not be printed.

NEEDLING

The increased use of hypodermic needles and syringes in research activities brings up the problem of how to dispose of them safely.

Tossing used syringes and needles into conventional trash baskets presents the possibility that unknowing persons might accidentally be inoculated with viruses, bacteria, toxic or other hazardous chemicals and drugs. Even if syringes contain an innocuous vaccine, an individual pricked by one would worry until he knew that the material was innocuous or until it had been made harmless.

To avoid this situation, syringes and needles, after sterilization or autoclaving, should be put in special, marked containers. A suitable and inexpensive receptacle can be made from discarded plastic bottles, as shown in the picture. The needles and syringes can be dropped through an opening cut at the top, or into the spout if it is large enough. When the container is full, it can safely be turned over to the custodian for disposal.

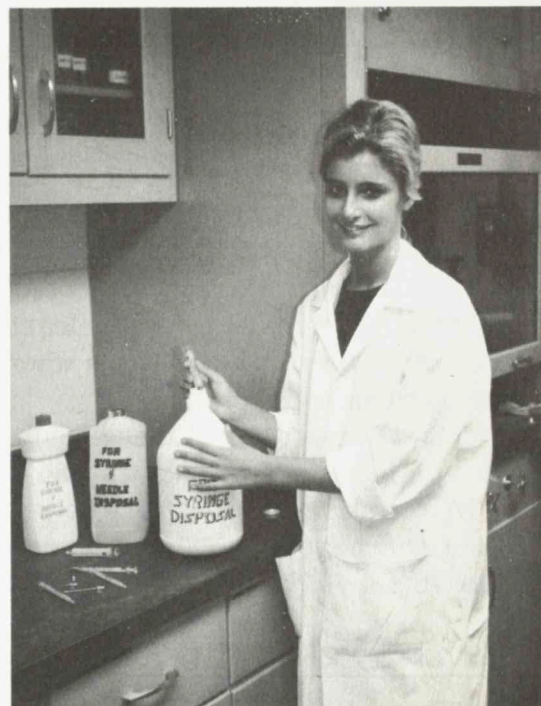
Before being placed in the disposal container, needles should be broken off at the hub and, if possible, syringes broken to prevent further use. Syringes and needles used with radioactive materials must be disposed of in accordance with the procedures set forth by the Radiation Protection Office.

THE GRAND AND GLORIOUS FOURTH

Some states permit what they consider to be safe and sane fireworks. There is no such thing. Even sparklers, which burn at temperatures of 1650°F. --almost hot enough to melt copper--are dangerous. Children have been burned by them and in several instances, have ignited their clothing, causing fatalities.

Despite the fact that 47 states have laws prohibiting or limiting the sale and private use of fireworks, last year there were 588 casualties, 365 of them children. Eleven persons died, 146 were seriously injured, 9 were totally blinded and 137 maimed. In the "good old days" prior to restrictions, there were hundreds of fatalities, thousands of serious injuries, and over a million dollars of property damage yearly. Not included in any of these figures are the lives lost and injuries sustained in structural fires resulting from fireworks. Though last year's figures are a great improvement from the "good old days," every one of the casualties, particularly those involving innocent bystanders, was needless.

If you feel that the Fourth must be celebrated with fireworks, take the youngsters to see them at municipally sponsored displays. The operators are professional men who, after training, have demonstrated their ability to handle fireworks and are licensed or certified by the



Debbie Myer shows safe method of syringe and needle disposal in Nutrition Department.

states. Even these professionals have their mishaps, as has been demonstrated in Massachusetts within the past few years.

The National Safety Council advises:

1. Keep in mind that fireworks of any kind can kill and maim; don't buy them and don't let children handle them.
2. If you know of bootlegging activities, notify the local police.
3. Support strong anti-fireworks laws and enforcement.

It's ironic that we spend 51 weeks a year teaching youngsters fire prevention and safety, and then permit them one week a year to play with dangerous fireworks.

PRESSURE VESSELS

If your laboratory has or is planning to purchase and install pressure vessel equipment, including refrigeration and air conditioning systems, you should review the rules and regulations of the Massachusetts Department of Public Safety. These regulations give pertinent information on: installation, clearances, protective devices, attachments of piping and fittings, safety valve construction, pressures and releasing capacities, drain pipes, discharge or pressure relief devices, types of refrigeration where applicable, inspection certificates, posting and inspection frequency.

Most inspections of these devices as required by the general laws are carried out by the Institute insurance inspectors who have been licensed by the Department of Public Safety.

Air tank regulations may be secured by asking for Form BLR4 and refrigeration and air conditioning systems rules and regulations are in Form BLR-7A. Both are available from the Department of Public Safety, Board of Boiler Rules, 1010 Commonwealth Avenue, Boston.

GASOLINE --USE WITH CAUTION

The tasks and pleasures of the summer season are now about us. Among the tasks is mowing, and among the pleasures is boating. With motors, mowing becomes a lesser task and boating a greater pleasure. Motors, however, require gasoline, which calls for special handling.

Misuse or abuse in storing or handling gasoline can quickly offset advantages of power equipment. For instance, the U.S. Coast Guard states that "A cup of gasoline spilled in the bilges (of a boat) has the potential explosive power of 15 sticks of dynamite." (Note to boaters: the Coast Guard pamphlet "Ventilation Systems for Small Craft," is available on request from local Coast Guard offices.)

Some suggested practices for gasoline storage and handling:

- ¶ Use metal safety containers for storing and dispensing gasoline.
- ¶ Refuel in open areas (not in buildings or garages), away from open lights, flames or other sources of ignition.
- ¶ Shut off motors and allow them to cool before fueling.
- ¶ Keep the hose or can nozzle in contact with the fill opening to guard against static spark.
- ¶ Know the amount of additional fuel needed to avoid spills and over-fueling.
- ¶ After fueling, close fill openings and wipe away any spilled fuel.
- ¶ Allow time for ventilation and check for gasoline odors before starting the motor.

Keep the advantage in power equipment --add caution!

IT'S FREE: A few copies of the Safety Office manual, "Accident Prevention," are still available upon request from the Safety Office, Ext. 4376, for those who want to play it safe.