## $T^{E} C^{H} A_{K}$  TECH TALK

MASSACHUSETTS INSTITUTE OF TECHNOLOGY October 16, 1968




At MBUF planning session are (L to R): Jim Maclary, Prof. Evans, Dick Higham of Personnel, H. Leonard Smith, Phil Gilinson, Ruth Dawson and John Carley of Personnel.


After a long drive, Jim Sullivan steps down from his driver's seat in the Pierce Arrow.
RACING FINAL
With both electric car teams bus ily back in school now, a late entry in the race turned up at MIT a couple of weeks ago in the form of Jim Sullivan of Oceanside, California, driving a 1912 Pierce Arrow. An antique car enthusiast, Jim had wanted to be in the race from the beginning but was not included because his car is powered by a gasoline engine. So he set out on his own on September 22, determined to beat Caltech's record. He claimed he did, by 13 minutes--but other calculations indicate that he was too slow, by four minutes.

MBUF COMING UP
Even though solicitors are only now being selected, it is not too soon for all of us to begin thinking about the 340 services the Massachusetts Bay United Fund helps to support, which, in their turn, offer assistance to more than 800,000 people annually.

Since the campaign is scheduled to begin in less than two weeks, the MIT chapter committee is in full swing preparing for it. This year's chairman is Professor Robley D. Evans of physics. Divisional chairmen are Profes sor David P. Taylor of the Sloan School for academic departments; James L. Maclary, accounting officer, for administrative offices; Frank R. Stevens, associate director of DSR for DSR laboratories; Philip J. Gilinson, Jr., deputy associate director of IL for Instrumentation; and John A. Kessler of the director's office for Lincoln. Performing a role she has perfected in recent years, Miss Ruth L. Dawson, assistant bursar, will once again be campaign coordinator.

## COMPTON SEMINAR

Tonight's Compton Seminar features McGeorge Bundy, formerly special assistant to Presidents Kennedy and Johnson for National Security Affairs and now president of the Ford Foundation, in a discus sion of the formulation of American foreign policy. Joining him on the panel are MIT professors Ithiel Pool, head of the Department of Political Science, George E. Hansen of the same department, and Noam Chomsky of the Department of Modern Languages and Linguis tics. Professor Max F. Millikan, director of the Center for Inter national Studies is moderator of the panel.

This seminar is open only to the MIT community. Free tickets of admission were given out on Monday. However, beginning at 7:20, any member of the community with Institute identification will be admitted if space permits.

## GLITTERING SEASON

That's what it's going to be this fall in Kresge if the Department of Humanities and the Lecture Series Committee have their way.

For openers, there's "By George," starring Max Adrian, scheduled for Monday evening, October 28. This one-character play carries
the audience through most of George Bernard Shaw's remarkable long life in glimpses taken from his writings other than plays. "By George" opened at the Edinburgh festival two years ago and since then has played in both London and on Broadway.

Its opening at MIT initiates a ten-week tour of American colleges sponsored by TRW, Inc., of Cleveland and described by its president is "a new approach in educational relations." Tickets for the play are free to the MIT community. They will be given out beginning at $9 \mathrm{a} . \mathrm{m}$. on October 21 in the Maclaurin Lobby, with a limit of two per customer.

Next on the docket is a week-long appearance--and the Boston debut-of the highly controversial Living Theatre which opens on October 31 with a performance of "Frankenstein." After four years in Europe the 34 -member company, called the "most adventurous and daring radical ensemble, " is on a six-month tour throughout the U.S. Scheduled performances at MIT, in addition to the one above, are as follows: November 1, 8:30 p. m., ' 'Frankenstein"; November 2 and 7, 8:30 p.m., Bertolt Brecht's "Antigone"; November 3, 2:30 and 8:30 p.m., "Mysteries and Smaller Pieces"; and November 5 and 8, 8:30 p.m., "Paradise Now." Tickets are \$2, \$3 and \$4 except for Friday and Saturday performances which are $\$ 3, \$ 4$ and $\$ 5$. Reservations may be made by calling Ext. 2910, or tickets may be bought directly in the Maclaurin Lobby.

November holds a special treat with the arrival of the Pennsylvania Ballet under the sponsorship of the Abramowitz Memorial Lecture Series. The ballet will perform the same program on two succes sive evenings, November 21 and 22. At MIT the troupe will dance the world premier of Benjamin Britten's "Threnody, " along with Ibert's 'Trio, " Sokolow and Macero's "Time +" and Donizetti's "Variation." Ticket information will be announced later.

## CALENDAR JOTTINGS

The Athletic Department has announced that the Rifle Range will be open Monday evenings from 6:30 to 8:30 for informal target practice on a reservation basis. Requirements are an athletic card and demonstrated ability in safe weapon handling and marksmanship. There will be a one dollar fee for ammunition, targets and other equipment. Further information is available from Thomas McLennan, range master, at Ext. 3296 after 3 p.m. daily.

Mass will be celebrated for Mr. Ernest J. Doiron, retired member of RLE who died last August in California, tomorrow (October 17) at noon in the MIT Chapel.

## ACCOUNTS RENDERED

MIT Credit Union accounts ending in 0 and 1 have been audited as of September 30 and corresponding quarterly statements have been stamped with a request that members check their statements and report any exceptions directly to the Supervisory Audit Committee. Joseph Cullinan, chairman of this committee, urges members with accounts ending in 0 and 1 to examine their statements carefully. Notify him at the Payroll Office, Ext. 4491 or Room E 19-515, if no statement has been received.

For new people at the Institute who may be interested in painless saving or economical borrowing, the Credit Union may be just the ticket. A call to the CU office, Ext. 2844, will bring a brochure explaining how the system works and benefits of belonging.


Mrs. Compton in a familiar role at MIT's annual Awards Convocation.
DELEGATE OF DIGNITY
It was almost a sentimental jour ney last weekend when Mrs. Karl T. Compton represented MIT at the inauguration of John G. Drushal as president of the College of Wooster in Ohio. Her visit there was partly one of remem brance since her late husband and both of his brothers were alumni of the college and sons of a former dean there. How well the college prepared them for their futures is suggested by the fact that at one time all three were college presidents. So the selection of Mrs. Compton as our delegate could not have been more approbriate.

## FOR SALE, ETC.

Honda '68 305cc Scrambler, low mi, $\$ 500$. X3984.
Martin classic $00-16 \mathrm{C}$ guitar w/case, best offer. X5758 or 492-6943 evgs
Free: TV, nds pic tube or something. X4425.
SCM 6SV port elec typwr, script, prac new, w/case, $\$ 85$ firm or swap for ord elec typwr. Anant, X2338.
Sgl bed, new last yr, $\$ 40$. Carol, X5713 or 864-9481.
Garrard Lab II trntbl w/stereo cart, gd cond, \$50. Steve, X3744 or 868-5236.
Yellow GE 11 cu ft wall refrig, exc cond, gd for cott or playrm bar, $\$ 75$ or best. Call 877-2579 Framingham evgs.
Encyclopedia Americana, '63, $\$ 175$ or best. Crooker, X342 Linc or 924-1696 evgs.
Hobby printing press, $5 \times 5$. Dores, X3531.
Wedding gowns, $5 \& 10$, both worn once, w/hd pieces, v reas. Nan, X2698,
Plants: lg split lf ivy, others $\mathrm{sm} \& \mathrm{lg}$. Call 232-0484.
Man's blue velvet lounge ch \& ottoman, $\$ 15$; LR drapes $84^{\prime \prime}$ or $90^{\prime \prime}$, best offer. X2203.
Conn piccolo, gd playing cond, $\$ 60$. B. Loesch, X 695 Linc.
Br new olive gr Saks 5th Ave man's suit, 43, never altered, was $\$ 110$, best offer. Phil, X4530 or 868-4449 evgs.
Wedding gown w/head piece, 8, never worn, \$68. Call 547-6612 evgs.
Pr heavy-duty lined drapes, $\$ 10$. Maureen, X4756.
Microscopes, illum obj, 120v, turret obj lens head (25, $100 \& 440 \mathrm{x}$ ), 2-hand focus knobs w/micrometer adj, exc cond, $\$ 75$ ea. X1362.
Snow tires (2) $6.50 \mathrm{xl} 3, \$ 10$. Janet, X2853.
DeVries French sci dict, $\$ 7$; French sci text, $\$ 1.50$. X2798.
Solid mahog $4-$ pc contemp BR set, was $\$ 2000$, sacrifice for $\$ 500 ; 3-\mathrm{pe}$ sect LR set, end tbls, cof tbl. DU 7-9050 $7-10 \mathrm{pm}$.
Pirelli Cinturato Inverno snows $1.65 \times 15$, great shape. Ray, X3715.
Postureped matt \& box spr, frame, twin, yr old, exc cond, was $\$ 175$, best offer; 5 -drw dres sers; lady's gold winter coat, 5 , new. Call 734-4073 evgs
Pr AR-2AX walnut spkrs, yr old, immac, $\$ 180 / \mathrm{pr}$. X3733 or 734-8376.
Wd skis, alum poles, asking $\$ 15$ or best. Kenneth, X 5765 or $868-4740$ evgs.
Free: desk \& upr piano, yours for moving exp. Mrs. Casey, X 2698.
GE '68 15.3 cu ft roll-out, frost free refrig, avocado, auto icer, 7 -day meat keeper, orig $\$ 400$, sacrifice at $\$ 250$. X5470.
Woman's clothing, sizes 8-14. Call 491-4308.
Pr Altec-Lansing "Voice of the Theatre" spkrs, \$395. Call 784-2758.
Sears sm port wash mach for sm loads or baby clothes, like new. X5329.
Tricycle, still in carton, $\$ 10$. Chery, X6711.
Scott LK60 solid st, 120 w stereo amp, $\$ 125 ; 2$ Utah 12 " 3 -way spkr sys, walnut, \$70. Jerry, X3215 or 522-7022.
Yamaha YGl, $3.7 \mathrm{~K}, 50 \mathrm{mph}, 75 \mathrm{mpg}, \$ 150$. Bob or Tom, $522-2949 \mathrm{evgs}$.
Coldspot 10 cu ft refrig, working cond, $\$ 10$. X1419.
Fiberglass ' 6723 ' formula boat, 200hp Buick $V-8$, exc cond. X7021.
BMW ' 65600 cc motorcycle, clean, exc mech cond, $\$ 675$; Wixom Fairing \& 2 helmets, $\$ 75$. Call 426-7039.
K tbl \& $4 \mathrm{ch} ;$ sgl bed-sofa; bed, bureau \& wardrobe. Pressy, X6152.
End tbls (2), lthrette tope, $\$ 40 / \mathrm{pr} ; 2$ odd LR ch, green \& rose, $\$ 60 / \mathrm{pr}$. Call FA 5-9236.
Stereo phono \& tape rcdr, 2 spkrs, $\$ 85$. Sidney, X4327.
Roll refrig infrared color 35 mm film, best offer. Fred, X6407.
Buick tires (2); 2 Fiat tires; ' 63 Buick Special deluxe, $v$ gd cond, best offer; Singer deluxe maple cab. Call 395-8751.
Desk, dressers, dbl bed, refrig, etc. Call 734-3393 evgs.
Dynaco ST-120 amp, PAS-3X preamp, best offer. Wanted Haynes or Powell flute. Peter, X5200 or 232-9654.
Upr piano, gd tone \& action, $\$ 30$. Bob, X7533 Linc.
Late mod std Royal ofc typwr, exc cond, $\$ 50$. Call 862-4025 evgs.
US Royal tubeless nylon snow tires (2), 7.2/7.00x14, $\$ 15 / \mathrm{pr}$. A1, X149 Linc.
Sears Best alum storm doors, 1 br new, 1 used 3 mos, $31 x 791 / 2^{\prime \prime} \& 313 / 4 x$ $801 / 4^{\prime \prime}$, no offer refused. X5422 Linc.
Cocoa sofa; 23 " Zenith TV, exc cond, $\$ 75 \mathrm{ea}$. BE $2-0959$ evgs.
Kittens: $3 \mathrm{bl}, 1 \mathrm{wh}, 1 / 2$ Siamese, $\$ 2 \mathrm{ea}$. X1105 or 358-7659.
Eng \& trans for Austin Healey 3000 Mark II or III, od unit, all used 38 K , not raced, $\$ 475$, wl sell separately. Call 491-2596.
Curtains, selection of colors, $\$ 5 / \mathrm{pr}$; some traverse rods. Keith, X 5766.
Sears Best kingsize elec blanket, 2 controls, beige, used 4 mos, $\$ 35$. Jay, X 2509.
File cab, 4 -drw, std size, tan, great shape, like new. Jerry, 244 - 6602 evgs. Leicaflex w/50mm Summicron-R lens, nrly unused w/warranty, \$380; Tasco 7TE $-5,500$ pwr, like new w/fitted wd case, $\$ 90$. Bruce, X1408.
Zenith $23^{\prime \prime}$ TV, mahog console, exc cond, best offer. Mal Jones, X5853.
Wd storm windows w/match screens, lot of $13, \$ 20$, or $\$ 2$ ea; LR drapes, reas; man's mahog wardrobe. X2210.
BSA '64 250cc Scrambler, no lights, $\$ 175$. Call 492-6751.
Free: gerbils. G. Carpenter, 491-6526.
New Nikon Photomic-F, $\$ 425$ or best. '65 Pontiac LeMans, exc cond, $\$ 1400$ or best. Call 876-1756.
Eico 15 w mono amp, $\$ 15$ or best offer. X1319.
Allstate 8.45 or $7.60 \times 15$ tires on wh (2), perf cond, less than $4 \mathrm{~K}, \$ 20$ ea or both for $\$ 35 ; 2$-dr metal ice box, holds 100 lb ice, v gd cond, $\$ 15$. Tony, X461 Linc.
Covered car lugg rack, easily removable, $\$ 15$ or best. X4856.
Hand-made violin, perf cond. Judy, X431 Linc or $862-1760$ evgs.
Free kittens: $4 \mathrm{~m}, 3 \mathrm{f}$, tortoisé, bl, tiger \& yellow avail 11/7, choose yours now. Terry, X7217 or 876-0904.
Saab snow tires, pr/\$10. Dorothy, X5252.
Aristo-Studio 5 cm slide rule, 23 scales, mag glass, dbl sided. X7728.
Smith Carona elec port typwr, $\$ 120$. Call 762-3175 evgs.
'53 Merc, flat-hd V-8, gd run cond, $\$ 75$. Prof. Leehey, X4337.
'55 Austin Healey 2 -st rdstr, ww, od, mech gd, nds body work \& new top, many new \& spare pts incl. X4637 or $926-0624$ evgs.
56 Jaguar XK140, body \& eng gd, steering nds wk, $\$ 400$. X6683.
'59 Mercedes classic 300 deluxe, gd-exc cond. X2775 or $491-7434$ evgs.
' 59 Chevy 6 cyl auto, $4-\mathrm{dr}$, gd tires \& trans, body fair, $\$ 75$. Bob, X5575.
'59 Saab mod 93, asking \$75. Tom, X1241 or 395-4273.
'59 Ford V-8, rebuilt eng, no reverse, best offer. Zack, X2781.
' 59 Chevy Bel Aire 4 -dr sedan, R\&H, 8 cyl, auto, p st, ww, extra rim, gd cond, $\$ 200$ or best. Lincoln Clark, X4202 or 256-5763 Chelmsford.
'60 Dodge wgn, V-8, 318 auto, R\&H, $\$ 100$. Jerry, X3981
'60 Porsche convert, rebuilt eng, best offer. Fran, X5365 or 864-1972.
'61 Plymouth, nds little work, \$75. Sivy, 581-1181.
' 61 Morris Minor canvas cov pickup, 52 K , clean, exc cond, twin SUs, fall sticker, $\$ 500$, wl haggle. Jerilyn; X4722.
'61 Ford Fairlane 500, 4 new tires, new exh, rebuilt trans, exc cond, $\$ 250$ or best. Call 692-8844.
'62 Falcon, driven by LOL, 14 K , best offer. X351 Linc.
' 62 VW, exc body, rebuilt eng, 4 new tires, trans R, $\$ 550$ or best. Harry, X6891.
' 62 Falcon, 55 K , exc cond, R\&H, $\$ 350$ or best. X6786 or $868-4890$ evgs.
'62 Fairlane spt coupe, exc cond, v clean, orig owner, buckets, new eng, R\&H, auto, 2 new tires, best offer. X1373.
'63 VW sunrf, 45K, R, ski racks, gd cond, \$700. X7262 or 787-1028.
'63 Sunbeam Alpine II, rebuilt eng, new clutch, $45 \mathrm{~K}, \$ 600$ or best. X4964.
'63 VW sedan, gd cond, $\$ 725$. Call 944-3104.
'64 VW, 70K, sunrf, body rough, AM-FM R. Jim, X1276.
' 64 Fiat, gd cond, red, snows, best over $\$ 400$. Jeff, X5097.
' 64 Pontiac Tempest custom convert, p st \& br, R\&H, auto, $\$ 800$. FOUND: man's glasses 9/27 in car Harv Bridge to Bos. X6607 or 923-9718.
'64 Chevy Impala, 8 cyl, convert, gd cond, $\$ 1100$. Call $862-1743$ evgs.
' 65 Chevy Biscayne, exc cond, all extras, green, $\$ 1095$. A1, X2198.
'65 Mustang, V-8, auto, air cond, 4 new tires, exc cond, yellow. Call 3.96-4352.
' 66 Ford 8 -psgr wgn, 352 cu in, V-8, p st \& br, $\$ 1900$ or best. X 3524.
'66 Mustang convert, 3 -spd, $\$ 1450$. Buddy, X7739.
' 66 Ford Galaxie 500 convert, ww, auto, R\&H, 15K orig owner, exc cond, wh w/ bl int \& rf. Ken Haskell, X6540.
'67 Datsun 1600 spts, must sell. Lesser, 547-3323.
'67 Ford wgn, V-8, 6K, p st, ww, R\&H, rf rack, v gd cond, must sell. Call 244-6607.
' 67 VW sedan, gd cond, beige, $\$ 1250$. X5670 or 926-3054.
'67 Renault R-10, 5 Mich X, perf cond, 18K, grey, $\$ 1250$ or best. Frank, X4727. ' 67 MGB convert, 18 K , exc cond, $\$ 2100$. Call 235-2408.
' 67 Chevy Malibu convert, p st, fl shift, $8 \mathrm{cyl}, \$ 2050$. John, X2540.
' 68 VW sedan, auto stick, 4 mos old, exc cond, $3 \mathrm{~K}, \$ 1800$ or take over p'ments. Call 868-4023 evgs.
' 68 VW sedan, asking $\$ 1650$. Kathleen, X4878.
' 68 Mustang $2+2$ fstbk, fl equip, new cond, v low mi, $\$ 2800$ incl 2 snows. Sealey, X251 EDC.
Bri, sublet lux studio, air cond, Comm Ave, avail 11 or 12/1. X3242 or 787-3776.
Wel, 3 -BR house, 1 g lot, $\$ 30,500$. Call 235-4803.
Nantucket, $1 / 2$ acre lots, lger parcels avail. Call 235-8616.
Wel Hls, 3 -BR cape, carpet, drapes, wded lot, owner offered. Call 237-2193.
Litchfield, NH, attrac $7-\mathrm{rm}$ ranch on acre wded lot, mahog panel LR \& K, 45 mi to MIT, 30 mi to Linc. Ralph, X 2415 Linc.
Camb, $12-\mathrm{rm}$ house, $7 \mathrm{BR}, 21 / 2 \mathrm{~B}$, priv gdn, Peabody sch, lower $\$ 70 \mathrm{~s}$. Call 547-1637.
Camb, Pleasant St, coop housing for fam feeling, sm BR, $\$ 50 / \mathrm{mo}$, lger $\$ 70 / \mathrm{mo}$. Andy or Ronny, X4406.

## WANTED \& MISC.

Mono AM-FM tuner. Jim Allen, X3984.
Daily ride, Medford to MIT 9-5. Marcia, X3351.
Piano, cheap or free. Nancy Bernholtz, 244-3706 evgs.
Interested in trading or buying stamps? Strong on orientals. Mike, 868-0063.
Have L half $\$ 2500$ Dino dollars. Peter, X 7521 Linc.
Tech typist for math papers. Call 522-5272.
Gordon setter puppy. X3124 or 547-5717.
Used trumpet and/or clarinet for beginner. VI 3-7465.
Will pay premium for US silver coins. Arthur, X6886.
Inexpensive transverse flute in working order. Bill Simmons, X5937
Daily ride, Wat-Bel line to MIT, 9-5, wl share gas. Helga, X6255.
Bottle capper desperately wanted. Steve, X4568.
Lg old aquarium. Call 489-0743.
Snow tires for Mustang. Fay, X4488,
Sitter, Mon \& Wed, 9-5, my home, Brookline. Call 731-2725.
Swap Monroe St sticker for Albany St. Ann, X6086 or 527-5604.
Male rmmate to share 2 -fl apt in Harv Sq area. Mark, X1338.
Man's $10-\mathrm{spd} 23$ " light weight bike. Barb, X4926.
Sitter at Eastgate, occasional mornings. Marcy, 547-0950.
Daily ride, Woburn, nr Ctr, to MIT, 8-4:45 or 5. Jim, X5530.
Ping Pong table. X7633 Linc or 244-5778.
Daily ride, Burlington to MIT, 8-5. Gene, X2254.
Cage for gerbils. Call $924-4599$ evgs.
W1 hand make children's clothes, 1-6, your choice pattern \& material, reas. Betsy, 648-8375.
Student electrician to fix spotlights-Lightoliers, $\$ 2.50 / \mathrm{hr}$. X4424.
Fireplace logs, free or cheap, will pick up. Rob, X6329.
Sitter for 11 -mo-old boy, $9-5,5$ days/wk, Eastgate or Westgate. X4741.
Will babysit in my home. Call 489-2522.
Daily ride, Billerica to Lincoln, 8:30-5. Kathy, X7681 Linc.
Daily ride, Saugus, Rte 1 to Albany St, 9-5. Dottie Green, X3519.
Sail for $\$ \$$ : instruct Simmons students now through Nov, Wed afternoons. M. Pittis, 566-8933.
Sm girl's bike w/training wheels. Alan, X2559.
Live-in sitter for 3 children, Nov 12-17, Lex, student couplew/child okay. Call 862-3061.
Married couple avail for babysitting wkends. Dorothy, 531-1798 evgs.
Tire rims, $15^{\prime \prime}$, reas. Terri, X2703.
Ford, '50-'53, good body, mech cond immaterial. Allan, X1105 or 358-7659 Wayland evgs.
Woman for 1 t housekeeping 1 day/wk. Call 484-1377 evgs.
Ride to New Haven most weekends. Carol, X1183.
Chevy Nova $2-\mathrm{dr}$ any year, cheap. John, X 7100 Linc.
Rocking chair, rug \& daily ride from Porter Sq. Gay, X4733.
Sewing machine to borrow, will pay. Helen, X5681.
MIT visiting prof nds clean furn apt, 1 or 2 BR for Dec \& Jan. X3128.
> sth

## TAKEN FROM THIS YEAR'S FILES

If you think office personnel have nice, safe jobs in peaceful, quiet offices and than nothing much ever happens to ruffle their dignity, consider the following:

A review of 65 accidents occurring during the past year to secretaries, bookkeepers, clerks and others, shows that female employees are no less likely to have accidents than technicians and machinists. Thirty-one of the accidents were falls resulting in injuries. No partiality was shown in choosing a place to have accidents: some fell on stairs, some in hallways, some stood on chairs or boxes, some fell over telephone cords or other wires or materials left where they shouldn't be.

There was also a degree of impartiality on what was being done when the fall occurred. Some were walking on their way to or from lunch, some were hurrying to go home, one was on the way to church, one was hurrying to get a check cashed, one was reaching for the telephone, and one was just leaning against the wall.

After falls, the second most prevalent type of injury was cuts on hands. Eight such incidents, including two paper cuts were reported. The remainder were produced by knives, scissors, paper cutters or by reaching into the desk and being stabbed by a sharp object in the drawer.

A few injuries were the kind that often happen when one absentmindedly reaches for something without looking at it, or when one walks into some object, such as the corner of a desk or a chair, which was clearly visible if one took the time to look. Bumping into a piece of familiar equipment or furniture accounted for six of those "now how did I manage to do that?" clerical injuries.

Spilled hot coffee caused two burns, and three injuries happened when objects being handled fell on feet. Two girls managed to staple fingers while trying to staple paper. The remaining 13 of the 65 injuries occurred when all sorts of strange things happened. Fingers were jammed in desk drawers, caught in door jambs, injured in fan blades, and hands were cut opening or closing windows.

While all accidents are potentially serious injury producers, the preponderance of fall-type accidents raises the question of what some of the things are that a person can do to reduce the probability of suffering a similar mishap. Some simple precautions are at right.
--Walk, don't run.
--Keep one hand on the handrail when ascending or descending stairs.
--Don't use leather or metal taps on the heels of shoes.
--More sensible shoe styles are now available; avoid high heels.
--Keep telephone cords and other wires out of aisles and passageways.
--Close desk drawers --open ones offer a tripping hazard.
--Wipe up coffee or food spills during coffee or lunch breaks.
--Don't climb on chairs or boxes to reach high objects; get a ladder, or better still, have some taller person get it down for you.
--When buying foul weather footwear, try to select those with rough soles for winter or rain wear.
--Avoid icy patches on walks and driveways, even if it means taking the long way around.
--When entering a building with wet shoes or rubbers, move cautiously and wipe feet where possible. Tile and terrazzo floors can be most slippery when water has been tracked on them.

## TIRED TIRES?

The Rubber Manufacturers Association warns that flat tires repaired only by insertion of a rubber plug from the outside may not be safe. They point out that strict limits set by the industry should be ad-

## OUTSIDE PLUG

## AEROSOL-TYPE

These repairs are temporary and should not be made, except in emergencies.
hered to by motorists and service stations using "first aid" repair devices. They caution that, when temporary repairs are made with plugs, aerosol-type sealants and blowout patches, road speeds should not exceed 50 mph , and distance limited to less than 100 miles before having a permanent vulcanized repair made. The Association recommends that permanent repair of punctures, nail holes or cuts, up to $1 / 4$ inch, be made from the inside of the tire using a combination vulcanized plug and repair patch.

RMA cautions against repairing tires showing such damage as ply separation, chafed fabric injuries on tubeless tires, broken or damaged bead wires, flex breaks, loose cords on band ply or evidence of having been run flat, tread separation, cracks which extend into tire fabric, open liner splice which shows exposed fabric, and any tire with tread worn below $1 / 16$ inch depth in major grooves or showing evidence of having been run underinflated or under excessive overload.


Ed Davidson inspects his shoe...

... and a close-up of damage.

NEW SHOES FOR ED
Not long ago Ed Davidson, a senior stock clerk in Instrumentation Laboratory's Skipper B Group was sliding a large wall cabinet door when it jumped the track. The door landed on his left toes, slicing through the leather and slightly denting the steel toe cap. But Ed still has all his toes, thanks to a dented safety shoe.

## COULD BE

Are we safer in the armed services than in our automobiles? The National Safety Council reports in the August issue of "Traffic Safety" that from 1900 to 1967 motor vehicle deaths in the United States totaled more than $1,650,000$, while military death casualties in the principal wars from 1775 through 1967 totaled $1,118,000$. Of this total, 619,000 were battle deaths and about 499,200 were the results of diseases, accidents, etc., associated with the operations of wars. It is interesting to speculate as to what percentage of the 499,200 deaths from accidents also represented vehicle involvement.

