

Social Security Is Changed By Congress

New Benefits To Be Added In September

Some recent changes in the Social Security payments were made by the U.S. Congress. It is now possible to take reduced payments for men at the age of 62. Officials are quick to add, however, that the reduced payments will continue for life and are not moved up to the normal limit at age 65.

Also, it has been announced that the monthly payments, beginning in September, to widows over 62 years of age, have been increased by 10 per cent. The increase is automatic, and needs no action from the claimant. Widows under 62 years with young children do not get this increase.

Most people who are getting the so-called "minimum" monthly benefits will get increased payments beginning next month. Like the increase for aged widows, no claim is needed, and no call to the Social Security Office is required. The checks will be automatically increased next month.

The Social Security Office in Knoxville has a free booklet, explaining the new provisions. One may be obtained by calling Knoxville 523-5131, or writing P. O. Box 870, Knoxville 1, Tenn. Inquiries should be directed for "Booklet Number One."

Paducah Payroll Totals \$11 Million Last Year

The payroll at the United States Atomic Energy Commission's Paducah Gaseous Diffusion Plant totaled \$11,447,783 during the fiscal year ending last June. This figure was about \$54,000 higher than the payroll for the preceding year.

The plant, operated for AEC by Union Carbide Corporation, employs about 1600 persons. It is engaged in the production of uranium enriched in U-235, a fissionable material which may be used as reactor fuel or in the nation's defense programs.



Laverne Helms

Laverne Helms Attends CAP Summer Camp

Y-12 Daughter Takes Part In Basic Training

Laverne Helms, daughter of William S. Helms, of Y-12's General Machine Shop, has just returned from Sewart Air Force Base, Tenn., where she participated in the Civil Air Patrol Cadet Summer Encampment.

The encampment consisted of a rigorous schedule designed to take the cadets through two weeks of basic training. They attended classes in a wide range of topics including field stripping and firing the .45 caliber pistol, water survival, basic drill, military courtesy, lectures and demonstrations on aircraft engines and principles of flight.

Highlights of the joint Tennessee and Kentucky encampment were a visit from General Stephen D. McElroy, National Commander of Civil Air Patrol, and field trips to Arnold Engineering Development Center, Tullahoma, Tenn., and Eglin Air Force Base, Fla.

Approximately 130 cadets attended the encampment, with six Oak Ridge squadron members present.

The Helms, who live at 440 West Outer Dr., Oak Ridge, have

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UT Graduate School Offers 16 Courses

Ridge Resident Program Sets Classes Sept. 18

The Graduate School of the University of Tennessee announces its fall schedule of classes, which begins Tuesday, September 21. Registration is set for the Oak Ridge Resident Graduate Program for Monday, September 18, from the hours of 6 to 9 p.m., in the Oak Ridge Institute of Nuclear Studies Training Building.

Subjects offered in the fall term are:

- CHEMICAL ENGINEERING 581. Chemical Engineering Flow Phenomena.
- CHEMISTRY 581c. Radiochemistry.
- INDUSTRIAL MANAGEMENT 501-2-3. Master's Thesis.
- INDUSTRIAL MANAGEMENT 533. Managerial Accounting.
- MATHEMATICS 415. Linear Algebra and Geometry.
- MATHEMATICS 451. Introduction to Analysis.
- MATHEMATICS 465. Introduction to Mathematical Statistics.
- METALLURGICAL ENGINEERING 581. Special Topics in Metallurgy.
- METALLURGICAL ENGINEERING 584. Metallurgy of Deformation and Fracture.
- PHYSICS 371. Introduction to Atomic and Nuclear Physics.
- PHYSICS 451. Atomic Physics Laboratory.
- PHYSICS 461. Gaseous and Solid States.
- PHYSICS 511. Introduction to Theoretical Physics.
- PHYSICS 561. Mathematical Methods in Physics.
- PHYSICS 621. Nuclear Structure Statistics.
- STATISTICS 321g. Elementary Statistics.

Meanwhile, the school announces if enough interest is shown in CHEMISTRY 584-5-6, Introduction to Wave Mechanics, this course will be offered also. Registrants should inform the Graduate Office if they are interested in taking this course.

The Resident Graduate office hours are from 8:30 a.m. through 4:30 p.m., Monday through Friday; and from 6:30 p.m. until 9:30 p.m., Wednesday. Further information concerning the graduate program may be had by calling Oak Ridge phone 483-8611, extension 4129.

Plant Sustains Eleventh 1961 Lost-Time Accident

The eleventh lost-time accident for 1961 occurred last Wednesday, August 9, when a process operator in Alpha Four Cascade Operations slipped between a conveyor belt and the mechanical rollers adjacent to the belt. He sustained a slight fracture and sprain of the ankle bone and abrasions near the ankle. After treatment at the Oak Ridge Hospital, he was released, but will have to remain off from work about two weeks.

This brought the current string of accident-free days to 1,243,000 man-hours which began July 1, 1961, to a close.

PROPHETIC LINES

Rupert Brooke, English poet, who wrote "If I should die, think only this of me: That there's some corner of a foreign field . . . That is for ever England," died and is buried on foreign soil.



SHOWN WITH TROPHIES to be awarded in the Invitational Swimming Meet to be held Friday, Saturday and Sunday in Oak Ridge is Henry H. Stoner, assistant superintendent of the Mechanical Operations Division. Stoner is very active in the ACAC, and is meet chairman for this event.

Stoner Directs Swim Meet This Week-End; Ack-Ack's Hopes High

Many Y-12 Children To Participate In Water Competitions At Oak Ridge Swimming Pool

Managing a swim meet can be a rather arduous job, especially if it's a part-time hobby, as with H. H. Stoner, assistant superintendent in the Mechanical Operations Division. The tremendous effort requires 26 timers, nine judges, a referee, starter, announcer, clerk-of-course, awards chairman, nine clerks and typists, and 130 avid youngsters eager to "hit the drink" in competition.

Hank Stoner has been interested in the "Ack-Acks," the Atomic City Aquatic Club, from its beginning. The big Invitational Swim Meet is to be held August 18, 19, 20 . . . this week-end at the Oak Ridge swimming pool. Last year five national records were broken here, just to prove how good the young swim-stars can really be.

George H. Job, Oak Ridge Gaseous Diffusion Plant, is president of the organization, while Stoner is meet director. Earl Goode, Cashier and Travel, is also one of the clerks-of-course. Many other Y-12ers have children competing in the diving and swimming events. Ranging in age from six to 18, these youngsters train daily in the summer and weekly during the winter under experienced coaches to compete in the American Athletic Union sponsored events. Head coach for the teams is W. A. Lewis, an Oak Ridge High School teacher.

Getting underway Friday at 3 p.m., the meet will feature junior one meter diving and senior three meter diving events. Saturday morning at 8:30 the 50 events will be started. The competition is broken down in age levels. Entries are attracted from as far away as Hawaii, and already swimmers have entered the

competition from Ohio, Indiana, Pennsylvania, Kentucky, North and South Carolina, Georgia, Florida, Alabama and Texas. More entries were expected also.

4 Champs Last Year

Oak Ridge Ack-Acks brought back the state championship from Murfreesboro last year for the fourth straight year. In addition, they have established Southeastern Junior Olympic records in Huntsville, Ala. Out-of-town meets this season are the North Georgia Invitational at Rome, Ga., the Knoxville Invitational Meet, and the Dixieland Championship at Avondale, near Atlanta, Ga.

Following the Oak Ridge Invitational the local swim team closes the season by competing in the Oak Ridge City Meet on Labor Day.

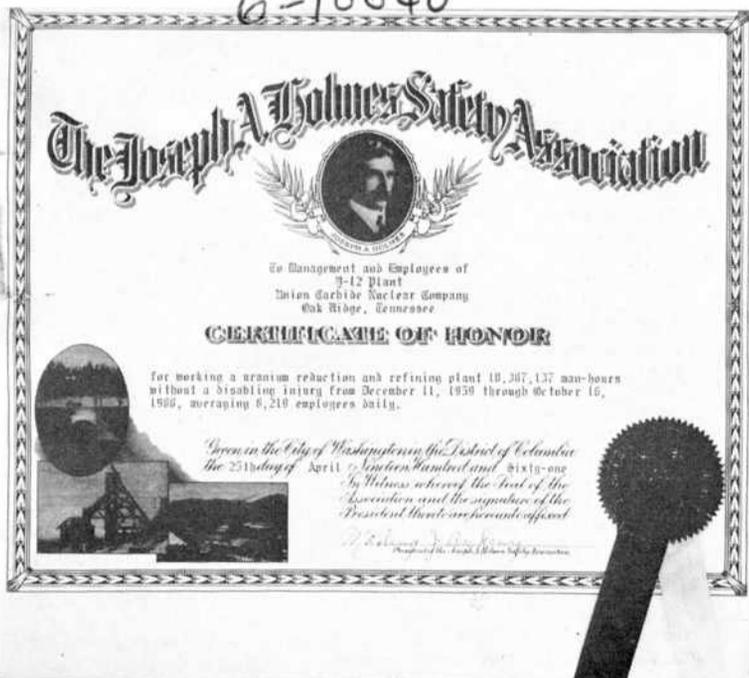
In the past, swimming has never been considered much of a spectator sport, but the Ack-Acks are taking the myth from that belief. Watching the racing is as exciting a sport as man could devise, especially when a six or seven-year old gets in there to win.

Sunday, August 20, the final meets for the last 40 entries will begin at 8:30 a.m.

Public Invited

The public is invited to watch these fine young swimmers and divers in action.

Y-12ers with children in the meets, or who are participating in the sponsoring of the event are: Earl Goode, Cashier and Travel; J. B. Peters, Utilities; J. L. Ledgerwood, Production Inspection; H. H. Stoner, Mechanical Operations Division; Allen Townsend, Metallurgical Development; Dan Rader, Superintendents Division; O. W. Morris, Beta Four Assembly and Forming; James Cole, Production Control; and E. W. Bailey, Production Inspection. (Many of Y-12's children in the entries may be seen on page 4).



MORE HONORS TO Y-12 FOR THE LONG SAFETY RECORD set from December 11, 1959, through October 16, 1960, is presented above. The plant recently received the Joseph A. Holmes Safety Association's Certificate of Honor. This is the highest award given by the United States Bureau of Mines organization. This is the fifth such award given Y-12 by the organization. The award is named commemorating Dr. Joseph A. Holmes, first director of the Bureau of Mines.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
Four Days Or
97,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury

Through August 13
Phone 7755
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division Of
UNION CARBIDE CORPORATION

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Day Attends AF Science Seminar



Jack R. Day

Another Y-12er, Jack R. Day, recently completed his two weeks active duty at Holloman Air Force Base, N. M. He attended the Annual Summer Scientific Seminar held at Cloudfroft. Day, a reserve captain in the Air Force, is in Ceramics and Plastics Development.

The seminar attracts top scientists and military leaders from all over the nation.

A member of the 9964th Air Reserve Squadron, Capt. Day lives at 146 Waddell Circle, Oak Ridge. He is married to the former Patricia Jackson of Galveston, Texas. The Days have four children, Patty, two; Lois, four; Michael, six; and Richard, seven.



IN SPECIAL FORCES with the United States Army is Richard Douglas Carter, son of C. C. Carter, of the Sunflower Foundry. Having just finished basic training, young Carter reported back to Ft. Jackson, S. C., for further training. He was a basketball star at Coalfield High School, and also at Carson-Newman College. He has enlisted in the Army for three years.

1,036 Shipments From ORNL During Last Month

The Atomic Energy Commission's Oak Ridge National Laboratory made 1,036 shipments of radioisotopes during July, representing a total of 15,341 curies of radioactivity.

The July figures brought the year's total to 233,543 curies which went out in 7,883 shipments. ORNL is the nation's largest producer of radioisotopes.

'Achin' Back' Pain In Neck

Most Difficulties Can Be Easily Prevented

The American Medical Association reports that one out of every three persons will be tormented by back-aches. Each year a quarter of million workers suffer back injuries serious enough to send them home and countless others who are plagued by backaches sit, squirm, suffer and slow down production.

Almost 90 per cent of all back-aches are caused by fatigue and strain—the result of man's misuse of his body. The majority are caused by the improper lifting of some object. Bending over and twisting at the same time is a sure-fire way to court an aching back.

Interestingly enough, deafness and near-sightedness may be the cause of some backaches. The myopic crane their necks to see, and the hard-of-hearing unconsciously cock their heads to track down sound, thus tugging at a particular cluster of muscles. Overexertion and prolonged bad posture also contribute to the development of back pain. So does excess weight.

Rules Simple

The AMA advises that many cases of backaches could be avoided if people would keep in mind the following rules:

1. Know and abide by your physical limitations. Act your age, don't try some crazy stunt to impress others.
 2. Don't shock the spine when you sit down—come in for a smooth landing.
 3. When lifting something, bend your body at the knees. This way the arms, legs and hips will help the back bear the burden.
 4. Try and exercise all of your muscles a little instead of a few muscles a lot. "Warm up" before engaging in hard exercise or violent sports.
 5. Make a conscious effort to improve your posture. It also will help to lose that "excess" around the waist.
 6. While you're on the job, get up and stretch occasionally—it will do you and your back a world of good.
 7. Workers who sit—from typists to potato peelers—need chairs of the right size and shape, and desks or counters of the correct height.
- If back trouble does develop, see a qualified physician. The woods are full of "get-rich-quick" charlatans who thrive on somebody's "achin' back." These health "quacks" offer an astounding range of "cures," ranging from "osseous effectuation" to "atomic bone bombardment," and the rule is to avoid them at all costs. Simple back ailments may be developed into something serious, and all you'll be out is a lot of money.



Get well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

James P. Dillard, General Machine Shop; G. E. Dabney, Buildings and Grounds; E. C. Hodges, Machine Maintenance; R. J. Strickland, Buildings and Grounds; J. A. Massengill, Beta Four Assembly and Forming; Jack C. Queener, General Machine Shop; Darlene Hunnicutt, Safety; and Walker Queener, Guard Department.

The fellow who blows his horn the loudest is usually in the biggest fog.



Lost: one retired editor . . . last seen heading for the sands and surf of Florida for a summer's vacation. A couple of the editor's old cohorts are still looking for that post-card the mailman never delivered.

Let's find out what's going on around here, beginning with

SHIFT SUPERINTENDENTS AND UTILITIES

Lots of activity broke loose as a result of D shift's long break recently: E. W. Mahan chose to be less active and simply gaze at his melons on the vine . . . C. E. Welch utilized his time to get caught up on fishing . . . G. M. Martin went natural, also, camping and fishing . . . J. H. Thomas tried his hand at bowling . . . O. F. Jordan and spouse motored from New River to Smoky Junction . . . E. R. Bailey stayed at home with the "Mrs." who is ill, and speedy get-well wishes to her! . . . Vacationing E. F. Sosby drove south to Atlanta and very south to Florida for visit with relatives . . . the M. G. Crouch family relaxed on the coast of North Carolina on their vacation . . . H. M. Cheek headed with his family for Fontana, N. C. . . T. L. Moore's vacation included a trip to Cincinnati for some fine baseball games and on to Florida for some fine sunshine . . . Bill Everett and his wife recently attended a reunion in Donelson, Tenn., in honor of Mrs. Everett's parents, Mr. and Mrs. Smith, who celebrated their 89th and 87th birthdays respectively. Congratulations! . . . Jim McLain vacationed for a few days to get himself and family settled into their new Kingston home, atop one of the high peaks in the area—Bonney View Avenue . . . Clara Smith is welcomed back into the grounds after her illness . . . T. C. Wilson is welcomed into the fold. He resides in Knoxville . . . N. M. Standridge chose Chicamauga Lake as an ideal vacation spot.

There's a lot of talk about simplified spelling. Fourth-graders had better not try it. They'll flunk for sure!

TECHNICAL

From Mechanical Inspection it's being told that Bob Riordan and family are vacationing this week, getting settled in Oak Ridge, and going back home "in Indiana" on business . . . J. Clyde Bowles along with Jim Thompson and Everett Rogers inform us that they had a very pleasant week end while participating in the Second Aluminum City Invitational Golf Tournament at the Green Meadows Country Club recently.

From Statistical Services it's learned that George Duncan vacationed at home in Norris last week . . . and Dan Hawxhurst is away on military duty at Lackland Air Force Base, in Florida . . . Eric Johnson is taking off toward Omaha, Nebraska next week . . . And speedy wishes are sent to Elizabeth Johnson in Ft. Sanders Hospital for surgery.

Sign in used store: Violin for sale: \$35 . . . No strings attached.

INDUSTRIAL RELATIONS

Security says Ann Rackley and Otis are in Daytona, Fla., this week seeing the old ocean again.

The Cafeteria has George McNamee on vacation last week, going down to Shelbyville to pick up Rita and the little one to bring them home for a couple of weeks' stay . . . Verna Peckman decided to stay at home in Oak Ridge this week and just take it easy.

Fire and Guardsmen report C. S. Davidson almost lost a finger in a power mower at home recently . . . get well, soon fella! . . . C. C. Butler's wife is ill and best wishes to her . . . Capt. E. L. Moore and Lt. J. W. Doane vaca-

tioned last week, destination unknown . . . and Liz Campbell the fairest girl in the F&G Department slipped off without telling anyone.

The Safety Department and all the folks around the building are hoping Darlene Hunnicutt came through her surgery fine and dandy and will be back at work before long. She's in the Oak Ridge Hospital.

Slacks don't come in odd sizes. They get that way after being worn a little.

MECHANICAL OPERATIONS

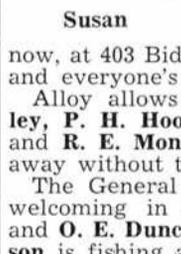
From Beta Four's Assembly and Forming vacationers on unknown stays are W. E. Warren, B. G. Preece, J. D. Robertson, Jr., J. R. Mackay, J. H. Marcum and L. H. Hensley . . . Another "summer soldier" is Frank Barnes off serving his good old uncle . . . Betty Ward will travel down south to South Carolina to visit her brother . . . And Joe Sherrod is welcomed back after transferring to his old department . . . And the latest addition to the "grams" club is Milton E. Green, coming in with little Cynthia Dawn Watson's picture. She was born July 25, weighing nine pounds, four ounces. Her parents are Mr. and Mrs. Eugene Watson, and grand-pop is popping buttons all over the place!



Cynthia

The Special Mechanical Production people pipe in pleasures concerning S. J. Vaden, J. D. Cox, T. S. Swindle, Ralph Black, off on unknown vacations . . . and R. B. Barker, and J. C. Brewer did likewise this week . . . W. R. McManus decided to stay around home in Knoxville, and so did J. E. Clemons . . . H. Crutchfield is being welcomed back after a long absence due to illness.

From the TW Shop, this little daughter is gracing the home of Mr. and Mrs. Charles J. Moody. She's Susan Faye, born July 6, at St. Mary's in Knoxville, weighing seven pounds, 13 ounces at birth. She's at home



Susan

now, at 403 Biddle St., Knoxville, and everyone's fine!

Alloy allows that C. C. Shipley, P. H. Hooker, R. E. Jones, and R. E. Monger all slipped away without telling also.

The General Machine Shop is welcoming in E. E. Hutcheson and O. E. Duncan . . . R. L. Hopson is fishing around the waters of Norris . . . R. L. Luttrell will be home rocking his new 1961 model baby . . . N. C. Abbott is showing off his Palomino horse again . . . L. B. Morrow is spending part of his vacation with relatives in Georgia, and part fishing in Sarasota, Fla. . . W. J. Hatcher is going up to Virginia, it says here . . . P. D. Wirey took off to the Smokies, with Norris also in his vacation plans . . . Lou Gillis and his family were going to take their new camping trailer into the mountains and camp in the Deep Creek section. . . F. R. Swanson, W. C. King, R. F. Jackson, C. E. Nichols and W. P. Brown are vacationing goodness knows where . . . Get well wishes are being sent Bob Horton and W. C. Jones . . . R. S. Jones is fishing around Norris while vacating . . . A. P. Money decided to take in Williamsburg, Va., Washington, D. C., Baltimore



DUNLAP—HARTMAN
Of interest to Y-12ers is the forthcoming marriage of Patricia Bonney Dunlap to Cleon S. Hartman. Both the prospective bride and groom are Y-12 employees, she being employed in Employment, and the groom in Wage Standards.

Parents of the groom-to-be are Mr. and Mrs. Orel C. Hartman, Route 17, Knoxville. The father is employed in the Mail Department in Y-12. Parents of the prospective bride are Mr. and Mrs. Willie H. Bonney, 101 East Damascus Rd., Oak Ridge. He is employed in Y-12's Beta Four Assembly and Forming.

The bride-to-be is a graduate of Oak Ridge High School and attended Tennessee Polytechnical Institute, Cookeville. She was formerly employed in Y-12's Medical Department. Hartman is a graduate of Karns High School, and the University of Tennessee, where he was a member of the Pi Kappa Alpha fraternity. He is active in the Oak Ridge Junior Chamber of Commerce.

The wedding will take place on Saturday, September 30, at the Beaver Ridge Methodist Church.

and New York City on vacation. . . J. M. Reed is visiting relatives in the Chicago area . . . And W. A. Gardiner took off for Myrtle Beach, S. C.

The old men know when an old man dies . . . Ogden Nash

CHEMICAL OPERATIONS

Uranium Recovery has K. C. Arnold vacationing at Orlando and Daytona Beach, down Florida-way . . . F. S. Archer flew to Dayton, Ohio for a week-end to visit his mother . . . Congratulations to J. C. Bowers, whose daughter was named "fairest of the fair" at Karns Community Fair, August 5 . . . T. W. Osborne is spending his vacation at home in Jacksboro. It is believed he will launch a construction project, "Thin-Wall" as he is known on the job, is attempting to talk some of his fellow workers into assisting him. We believe "Mr. Clean" (as he is also known) will get lots of help in the erection of 20 — 8x8 poles for this structure. All the luck in the world in his venture . . . It's also understood that "Oz" also has other structures he will try to get built while he is off this time.

To sit up and take notice is nothing if you just keep sitting.

FINANCE AND MATERIALS

Emma Puckett, Plant Records, is taking her full three weeks to visit in California and Kentucky.

From the Mail Room, Orel Hartman is vacationing in the Smoky Mountains and in Greenville.

The past week-end was spent in Gatlinburg by one Helen Ross, Catalog Files.

Timekeeping is rolling out the red carpet to welcome in G. H. Lovely, who recently transferred in from ORGDP.

Cashier-Travel tells that Bonnie Reesor and Harrell (he's in Beta Four) are vacationing in Arkansas this week.

Congratulations to Jim Cox and his wife, he's in Traffic, on the arrival of a baby boy, named Kyle, Jr., on August 6. Jim failed to be present at the happy event, due to a previous engagement with the National Guards.

Girl-reporter Bobbie Hill, from F&M's Administration is vacationing this week visiting in Virginia.

Ken Denton is off again with the same old ailment . . . and

Rains Slow Slo Pitch League To 4 Games

It seems the main story in the Slo Pitch League for Carbiders for the entire season hinges around the weather. Tuesday's games of last week were rained out!

Thursday night play at Pinewood saw only one game, as the D Shift team from the Oak Ridge Gaseous Diffusion Plant, forfeited two games, one to the Y-12 Peons and the other to the Y-12 Atoms.

The only action at Pinewood saw the ORGDP Kentucky Wonders reduce the Tabs from Y-12 to the mighty score of 13 to 2. G. Harris and Owen provided the only multiple-based hits for the winners with one double each. The Tabs had none, with only five hits to their entire credit.

Line Scores:	R	H	E
Kentucky Wonders	13	13	1
Atoms	2	5	4

Batteries: Kentucky Wonders: Foreman and S. Harris. Tabs: Ryder and Childress.

At Jefferson the Y-12 Blue Demons split a double-header, dropping one to the ORGDP Odds 'N Ends, 22 to 4, and picking up one from the ORGDP Fly Swatters, 7 to 4. The only home-run of the games saw Mothershed come through for the O&E team. Triples were earned by Hicks, Cox, Bartow and Tuck for the winners in the same game.

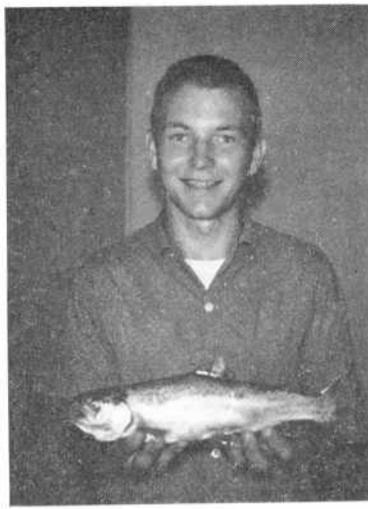
Line Scores:	R	H	E
Odds 'N Ends	22	28	3
Blue Demons	4	9	3

Line scores for the Fly Swatters game were unavailable.

Other action at Jefferson saw the Y-12 team, the 9215ers fall to the ORGDP Codgers, 19 to 7. For the Codgers it was Compton and Whittlesey with homers.

Line Scores:	R	H	E
Codgers	19	20	4
9215ers	7	13	6

Team	W	L
Kentucky Wonders	3	0
Atoms	3	0
Odds 'N Ends	2	0
Peons	3	1
Codgers	3	1
9215ers	1	2
Blue Demons	2	5
Development	0	1
Red Devils	0	2
D Shift	0	4
Fly Swatters	0	4



IN THE SWIFT waters below Norris Dam in Clinch River, this handsome rainbow trout was wheeled in by B. D. Cofer, Special Mechanical Production. The lure was common, everyday earthworms and gives credence to the news releases that trout population, especially the beautiful rainbow class, is on the upgrade in Tennessee.

X And Y Horseshoe League Nears Half

Y Horse Shoers last week saw the Wyatt-Ryder team take eight points from Rogers-Lee; Gallman-Helms take nine from Raper-Green via forfeit; and Reel-Wagner with the full count over Davy-Harness.

Y league standing follows:	Team	W	L
	Reel-Wagner	39	6
	Davy-Harness	27	18
	Gallman-Helms	27	18
	Wyatt-Ryder	19	26
	Raper-Green	17	28
	Rogers-Lee	6	39

In the X League, horse shoe pitchers Barger-Luckett cinched the first half of league play by taking six points from Stanley-Dunlap. Second-placers Leonard-Gray took six also from McGinnis-Case. Kendig-Johnson took nine points by forfeit from McGinnis-Case.

X League standing follows:	Team	W	L
	Barger-Luckett	30	15
	Leonard-Gray	28	17
	Stanley-Dunlap	27	18
	Kendig-Johnson	18	18
	Walden-Durham	17	19
	McGinnis-Case	6	39

Classic League All Set Up

Y-12's biggest bowling league, the Classic League, got organized in fine fashion last week with the usual 16 teams lined up for the season. Bill Mee was elected president; Avery Kendig, vice-president; and Roy Roberts, secretary. Play starts Thursday, September 6, with two rounds for 30 weeks, with the exception of the Thanksgiving week, or the night of November 23.

Teams registered in the Classic, along with their captains, are listed below:

- MARKERS—Don Troutman.
- REBELS—U. G. Riddle.
- SCREWBALLS—H. O. Runge.
- WASPS—J. P. Wallace.
- TIGERS—W. A. Freels.
- SPORTSMEN—H. B. Oliver.
- HAS BEENS—J. D. McLendon.
- PLAY BOYS—Dave Smith.
- SMELTERS—M. B. Edwards.
- BUMPERS—Avery Kendig.
- RIPPERS—Nelson Tibbatts.
- EIGHT BALLS—Howard Horne.
- SWINGSTERS—Sewell Brown.
- WOLVES—Frank Gragg.
- ALL STARS—Tom G. Pappas.
- CUBS—Leo Hemphill.

Whittles Links See 16th Meet

Despite Loss, Phillips-Leach Hang Onto Lead

The Morgan-Campbell team in the Whittles Y-12 Golf League clipped league-leading Phillips-Leach for full three points, shooting the seasons handicap low score of 63. George-Newman took Spradlin-Clabough for the same full count, and the Kovach-Marrow duo drew a bye; while the Troutman-Galle won three points via forfeit. Two points were racked up by Perry-Ball over Hendrix-Parker in the 16th Match in the Whittles play.

J. W. Phillips had the low scratch score of the week with his 36; while Sam Campbell took handicap honors with a low 31.

League standing follows:	Team	W	L
	Phillips-Leach	41½	6½
	George-Newman	35	13
	Spradlin-Clabough	30	18
	Perry-Ball	29	19
	Troutman-Galle	26½	21½
	Hendrix-Parker	24½	23½
	Morgan-Campbell	23½	24½
	Kovach-Marrow	20½	27½

Gatlinburg Drawing For Golfers T-Times

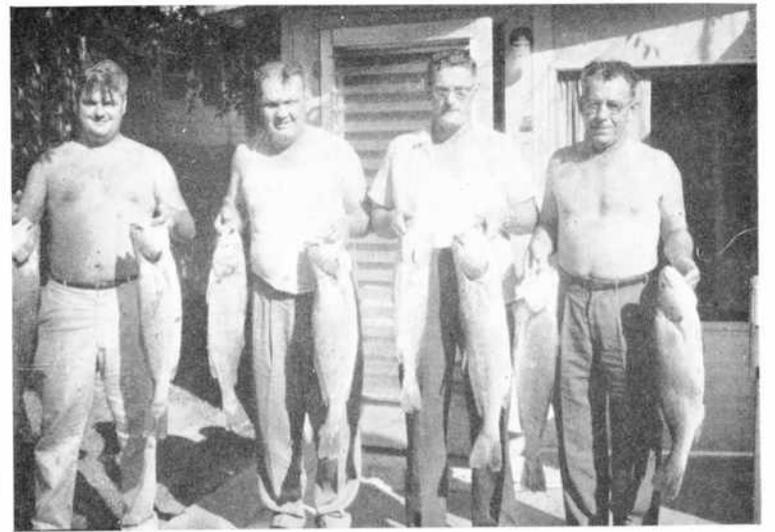
The golf carts have been drawn for the big Gatlinburg Golf Tournament for Y-12ers, to be held Saturday, August 26. Drawings for the first ten foursomes were accomplished in the Recreation Office yesterday, and lucky holders have been notified of such, along with their tee-off times between the hours of 7 and 8 a.m.

Other golfers who registered for tee-off times will see their drawings for times tomorrow, Thursday, August 17, at 10 a.m. Registrants will be notified by phone of their tee-off schedules. That person registering for a foursome will be notified and he, in turn, can inform his three golfing mates when to be at the course.

Golfers are urged to appear at the greens at least 20 minutes before tee-off times assigned. This moves the tees off effectively and quickly.

The 72-par Gatlinburg Golf Course, with its rolling greens, difficult traps, and fair fairways, has proved most popular to Y-12ers in the past.

Foursomes will tee off at the Smokies Club every seven minutes. Times are assigned up through and including 11 a.m.



NEARLY 70 POUNDS OF FISH are proudly strung by this group of lucky anglers. R. L. Martin, Buildings and Grounds, seen third from left, went to California recently, and returned with some really wild fishing tales. It seems he and some in-laws and relatives pictured above caught these corvinas, fish peculiar to the waters of Southern California. They are related to the weakfish and the croaker and are delicious eating. They were caught near Salton City, Calif., in an ancient earthquake-caused crater lake. Bob says, naturally, some bigger ones got away! Others in the party are from left Don Brown and Glen Brown, both of California; Bob, and William Jones, of Indiana.

Harriman Loop 2nd Half Goes To Isham-Crass

The 8th match of the Harriman Carbide Golf League featured Evans-Henck taking four from Lynn-True; Isham-Crass from Willmarth-Scaif; and Brown-Buttram took the same number from Ellis-Warlick.

Low scratcher of the week was J. H. Buttram with a 36, and he also took handicap lows with 33.

Final competition saw the Ellis-Pickle two down Hamill-Thomas for the count of three, which knocked them from first place. Isham-Crass took four points from the Browns, thus cinching first place in the last half of league play.

There was to be a play-off this week between Isham-Crass and Creswell-Winters, who won the first half of league play.

Final league standing follows:	Team	W	L
	Isham-Crass	28	8
	Hamill-Thomas	27	9
	Lynn-True	17½	14½
	Pickle-O'Keefe-Kidd	16½	15½
	Brown-Buttram-Brown	16½	15½
	Ellis-Warlick-Franzreb	10	22
	Tilley-Willmarth-Scaif	9½	22½
	Cuneo-Kyte-Grimes	6	26

Gene O'Hara Takes Tennis First Half

The first half of the Tennis League for Y-12ers ended last week, as Gene O'Hara cinched the title by downing Pete Rekemeyer 6-0, 6-0; and Al Fischer 6-3, 6-0. Other action saw Al Christman defeating Dick Huber, 6-1, 7-5.

O'Hara was 1960 tennis champion in Y-12. Second half of the league was scheduled to resume this week.

League standing follows:	W	L
O'Hara	5	0
Campbell	3	1
Christman	3	2
Fischer	1	3
Huber	1	4
Rekemeyer	0	3

Meanwhile, the second half of league play started in the Tennis League with Al Christman taking two from Al Fischer, 6-1, 6-1; Gene O'Hara over Huber, 6-0, 6-0; Sam Campbell over Al Christman 6-4, 6-3, 4-6; and Al Hubert over Fischer, 6-1, 7-5.

New standings follow:	W	L
O'Hara	1	0
Campbell	1	0
Huber	1	1
Christman	1	1
Fischer	0	2
Rekemeyer	0	0



Y-12 C League Bowlers All Set

12 Teams Open Play Monday, August 28

Y-12's C League for bowlers got organized with the same number of teams they played in the 1959-60 season. Twelve teams lined up to elect W. B. Tyree, president; W. B. Stephens, vice-president; and Lou C. Watson, secretary. Play is scheduled to start Monday, August 28.

Thirty-three weeks will feature a rolling of three rounds each, with times off during the Labor Day, Christmas, and New Year's holiday weeks.

Teams entered in C League play, with team captains are:

- RAMBLERS—J. F. May
- BIG FIVE—Ed Sise
- SUNFLOWERS—W. B. Stephens
- ROUNDERS—J. C. Bryan
- THE SPs—J. D. Brown
- PAR BUSTERS—Lloyd Kahler
- HILIFERS—George Reece
- CHILLERS—A. L. Fischer
- IBM's—Sterling Ryder
- C SHIFT—C. M. Bryant
- HOOKERS—J. D. Davis
- RODDERS—D. D. Thacker

All-Carbide Skeet Shoot Set Sunday

The first round in the All Carbide Skeet League will be fired this Sunday, August 20, with other shootings following on alternate Sundays unless rescheduled because of rain.

In order to be eligible for awards a shooter must be present at no less than four of the eight scheduled shoots. Awards will be given to the top three shots in both scratch and handicap classes.

All competition is held at the Oak Ridge Sportsmen's Association skeet field, and is under the direction of the Oak Ridge Skeet and Trap Club.

Ridge Golf League Finishes In Rain

The Oak Ridge League for Y-12 Golfers saw little action, in its final matches, as the rains fell on the greens at the Country Club.

Sure winners, of course, were the Art Hines-John Emlet pair with Dan Stroud and Bill Ebert as the nearest contenders to the title, and they were miles away score-wise.

A complete run-down of the final matches in the link play will be given next week, plus final standings.

Three-Plant Golf Tournament Registration Deadline Tomorrow

Tomorrow, Thursday, August 17, is the deadline for golfers to enter the All-Carbide Golf Tournament for 1961. Y-12 has walked away with top titlist honors since 1955. Previous winners were: 1955—Palo O'Neal, former Y-12er, now a golf pro; 1956 — Art Hines; 1957 and 1958—Carl Dorr; 1959—Al Gillen; and 1960 a repeat by Carl Dorr.

Matches, to be played next month, have the following schedule: the first round shall be completed by Sunday, September 3; the second round matches by Sunday, September 10; and the final matches by September 17.

Golfers may use their respective plant tournament handicap provided they have played in at least one plant tournament during the 60-61 season. If a golfer has not competed in such a tournament, but plays in a plant league, his lowest league handicap will be used.

Pairings are being made up and will be posted in all three plant recreation offices.

Matches may be played at any golf course by agreement between the two competitors. If no agreement can be reached, the competitors concerned will elect to play a neutral course, or a toss of the coin will decide the course to be played.

The entry blank below is the official form, and must be in the hands of the Recreation Office by tomorrow, August 17, noon, the deadline.

All-Carbide Golf Tournament Entry Blank

Name _____ Dept. _____

Plant Address _____ Plant Phone _____

Home Address _____

Home Phone _____

Shift _____ Date _____

Fill out and mail or bring to the Y-12 Recreation Office, Room 149, Bldg. 9704-2. Deadline for entering tournament is 12 o'clock noon, Friday, August 21.

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ON VACATION in Florida last week was Halstead Meadows, Jr., on leave from the Marine Base at Little Creek, Va. His father, Halstead Meadows, Sr., is employed in Y-12's Special Mechanical Production Department. The Meadows enjoyed two weeks of Florida sunshine with their son.

AICE Sets Analog Computing Course

The Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers announces a two-day Saturday course in Analog Computation for Chemical Engineers to be held Saturdays, August 19 and 26, between the hours of 8:30 a.m. to 4:30 p.m.

The course is designed for practicing chemical engineers, and will provide a brief but intensive introduction to the operation of a modern electronic analog computer. Demonstration and actual student practice will be provided in the solution of problems by analog computation.

Dr. J. W. Prados, associate professor of chemical engineering at the University of Tennessee will teach the course. The PACE 221-R precision analog computer will be used for class demonstration and practice.

ORNL Physics Division Announces Two Seminars

Oak Ridge National Laboratory Physics Division announces two seminars of particular interest to technical personnel in the Y-12 area. The first one scheduled for today, Wednesday, August 16, will have as its topic (1) "Some General Methods of Neutron Resonance Analysis" and (2) "Photo-Nuclear Measurements at Livermore Using Monoenergetic Gamma-Rays from Positron Annihilation in Flight." The discussion will be led by F. W. K. Firk, from AERE, Harwell, England.

The seminar is set for 3:15 p.m. today at ORNL's Central Auditorium in the 4500 Building.

The seminar for Friday, August 25, is announced as "A Study of the Reactions $Li^7(He^3,n)B^9$, $Be^9(He^3,n)C^{11}(He^3,n)O^{15}$ by Time-of-Flight Techniques." This discussion will be led by J. L. Duggan, Oak Ridge Institute Fellow from Louisiana State University.

Interested personnel are invited to attend these seminars.



Ride wanted from 4503 Cardinal Rd., Fountain City, to North Portal, straight day. J. D. Kirkpatrick, plant phone 7993, home phone Knoxville 687-3608.

Ride wanted or will join car pool from Fountain City to North or Central Portal, straight day. Ralph Lawson, plant phone 7549, home phone Knoxville 689-5985.

Riders wanted from Four Way Inn, Asheville Hwy., via Washington Pike, Millertown Pike, Broadway, Dutch Valley Road, Norwood and Clinton Hwy., to any portal, J Shift. Mike Anderson, plant phone 7904, home phone Knoxville 933-2823.

Ride wanted from Solway Road to Central Portal, straight day. Betty F. Walker, plant phone 7213, home phone Oak Ridge 483-6270.

Car pool member wanted from vicinity of Jefferson - Louisiana Ave., Oak Ridge to North Portal, straight day. Shirley Hendrix, plant phone 7167, home phone Oak Ridge 482-1277.

Ride wanted from Inskip-Norwood section to Bear Creek Portal, straight day. C. E. Costner, plant phone 7258, home phone Knoxville 687-9350.

Art Center Shows Religious Theme

A collection of religious art is being shown currently at the Oak Ridge Community Art Center, located at Outer Drive at Ogden, Oak Ridge. The collection, "Modern Religious Prints," is from the Pennell Collection at the Library of Congress and is touring the country under the auspices of the Smithsonian Institute.

Included are 50 woodcuts, engravings, lithographs, serigraphs, etchings and engravings by leading 20th Century artists, all dealing with Biblical and religious themes.

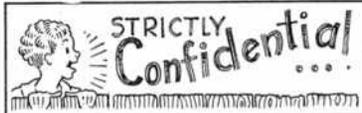
The Center is open Tuesday and Thursday nights from 7:30 until 9:30 p.m. The religious



Y-12 ACK-ACK'S LINE UP FOR ACTION. At left is the over-13 group which will participate in the Swim Meet to be held at Oak Ridge swimming pool this weekend. From left are Becky Barkman, Janet Stoner, Bill Barkman, Jody Bonnet (whose father, Bill Bonnet, is an AEC employee) and Lynn Stoner. The Barkmans are children of J. R. Barkman,



AS A BOOSTER OF SAFETY'S campaign for November, these fine prizes will be offered in this month's poster contest. The first prize is a beautiful bedspread, and the second prize is a portable coffee kit. The theme for the August competition is "Winter Hazards and Holiday Safety."



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best wishes to him. Ken's in Accounting and Budget.

Old timers are those people who complained about having to go to the spring house. They now complain about defrosting.

ENGINEERING

Instrument Engineering belted in a load from left field this week telling that Al Norris is still away on his honeymoon, resting somewhere . . . Ward Engle is getting married in September . . . Bruce Loflen has the boat bug and is about to make the plunge somewhere, sometime . . . Leland Browne is still looking for pretty weather to give his business a lift down at Long Island Marina boat dock . . . Patsy Jackson pleasantly surprised everyone by bringing in 15 dozen delicious cookies . . . John Moore is returning to Auburn to obtain his Master's Degree in physics . . . Everyone was happy that Gene Cooper made it safely back from his recent plane trip out west without a stopover in Havana . . . Al and Fay Stanton are practicing lullabys in preparation for the "little one" they hope to adopt soon . . . If anyone is in the market for a paint job on his car, be sure to see Ray Oakes, he had his painted a week-end or so ago and is an expert.

One of these days someone's going to hi-plane a jack, and newspapers will have to go out of business.

MAINTENANCE

Another member of the proud grand-father's club is none other than Robert L. Oswald, of Research Services, in the person of little Sylvia Elaine Bryson, born July 30. Her parents are Rev. and Mrs. Larry Bryson. She looks a little sleepy, doesn't she?



Sylvia

Everyone is probably keeping her up at night.

Also from Research Services, L. L. Gassaway and wife Jean, another former Y-12er, and family are vacationing in Daytona Beach, for some deep-sea fishing . . . and at Cocoa Beach, for some deep-space staring . . . Sympathy is extended O. A. Cooper whose father passed away recently . . . Get Well Quick is being sent the son of E. E. Fields.

All 10 fingers just started bleeding. Let's go home!

showings, co-sponsored by the Geneva Fellowship Group of the 1st United Presbyterian Church, will continue on these nights through Thursday, August 31.

Googin Serves RESA On Admissions

The Oak Ridge Branch of the Scientific Research Society of America, in a recent meeting, elected its officers to serve for the year 1961-62. Elected president was Herbert S. Pomerance, of Oak Ridge National Laboratory; vice-president, J. Howard Junkins, Oak Ridge Gaseous Diffusion Plant; secretary, Helen P. Raaen, ORNL; and treasurer, Boyd Weaver, ORNL.

Members of the Admissions Committee who have served half of their two-year terms with



J. Googin

RESA are H. E. Banta, of the ORNL Instrument Controls Division; and John M. Googin, of Y-12's Chemistry Development. The well known Googin is also a member of the American Chemical Society, the Association of Oak Ridge Scientists, the Laurence Chemical Society, and Phi Beta Kappa.

Other new members elected to the admissions committee include L. K. Akers, Oak Ridge Institute of Nuclear Studies; C. C. Congdon and A. C. Upton, ORNL.

Schreyer To Teach Again At UT In Fall Quarter

James M. Schreyer, Chemistry Development, will teach again this fall in the University of Tennessee evening school classes. He will teach Advanced Inorganic Chemistry, Series 442-2, each Monday night. Prerequisites for the course are Inorganic Chemistry 111-2-3 and Quantitative Analysis 211-2-3.

The course will cover electron structure of atoms and molecules and a systematic study of the ele-

Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12ers who will complete 15 and 10 years of Company Service within the next few days:

15 YEARS

Harlan D. Whitehead, Ceramics and Plastics Development, August 19.

10 YEARS

George T. McMahon, Chemical, August 16.

James A. Burns, Buildings and Grounds, August 17.

Henderson P. Smith, Tool Grinding, August 20.

Christine S. McEvoy, SS Control, August 20.

Lewis L. Gasaway, Research Services, August 20.

Maude Clemmer, Medical, August 20.

Greeley A. Kirk, General Machine Shop, August 20.

Elwood A. Powell, Production Inspection, August 20.

John F. Chamblee, Alpha Four Cascade Operations, August 20.

Floyd F. Orme, Area Five Maintenance, August 20.

Hal S. Bartless, Area Five Maintenance, August 20.

Gordon L. Edwards, Stores, August 20.

William C. Dietrich, Chemistry Development, August 20.

John W. Fielder, Stores, August 21.

Elmer F. Nickle, Process Maintenance, August 21.

Laverne Helms

Continued From Page 1
three other children: Billie Ann, who is to be married next month; Ronald, a junior at the University of Tennessee; and Charles, who attends Robertsville Junior High School. Laverne, who is 16 years old, enters her junior year at Oak Ridge High School this fall.

ments from the standpoint of the periodic law.



are daughters of H. H. Stoner, Mechanical Operations. The Junior group at left (with father's name in parenthesis) are Pat Rader (D. H.); Betty Barkman (J. R.); Danny Rader (D. H.); Sue Ledgerwood (J. L.); Jackie Peters (J. B.); Ricky Lane (Jim Lane, ORNL); Jane Townsend (Allen); and Jennifer Barker (Jim Barker, ORNL). The Atomic City Aquatic Club invitational meet is open to the public.