



# — Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation

VOL. 18 — NO. 41

OAK RIDGE, TENNESSEE

Wednesday, October 14, 1964

## AWARD

United Fund Appeal  
100% Participation Achievement



WAGE STANDARDS &  
To PERSONNEL RECORDS DEPT., 2115

WHOSE SERVICE IN THE 1964 CAMPAIGN  
CONTRIBUTED TO THE HEALTH AND HAPPINESS  
OF OUR COMMUNITY.

*J. J. Jony*  
CAMPAIGN CHAIRMAN

AMONG THE FIRST DEPARTMENTS in Y-12 to receive its badge of honor in the current United Fund Drive is Wage Standards and Personnel Records. To be awarded the special recognition the department must pledge 100 per cent to the United Fund. Is your department displaying an award yet?

## Y-12's United Fund Gears For 'Over-The-Top' Finish

Only fragmentary reports were in on Y-12's United Fund Drive for 1964 today.

Again this year, departments pledging 100 per cent to the United Fund will be awarded honorary certificates showing that all employees have given their fair share to the Community Chest of his choice. (Y-12ers may give to Anderson, Knox, Roane, Morgan and Loudon Counties through payroll deductions.)

There is still time to enroll your department in the 100 per cent category. If you have not given to the United Fund contact your divisional representative and tell him you want to help make the department all the way. Below are the divisional representatives that are doing above and beyond their fair share:

- E. W. Bailey, Development.
- H. N. Benninghoff, Plant Shift Superintendents and Utilities.
- O. W. Briscoe, Technical Services.
- Ray Ellis, Technical.
- D. G. Hill, Maintenance.
- W. H. Hubbs, Metal Preparation.



- L. F. Koontz, Plant Engineering.
- H. A. Price, Assembly.
- Corum Scott, Materials and Services.
- J. M. Seivers, Industrial Relations.
- Bill Thomas, Fabrication.
- R. P. Waldrop, Accounting and Budget.
- J. L. Walters, Product Engineering.
- C. L. Pigott, SS Control, Fund Treasurer.
- C. R. Harris, Material Control, Fund Auditor.
- Y-12 Fund Director George Jasny expected final reports in

Continued on Page 4

6-12278



'CELLULAR STRUCTURE' is the name of the development that brought W. J. Hulsey, right, a recent patent application. W. J. Yaggi, Metallurgical Development, presents the letter of commendation, which was accompanied by the customary \$1 bill.

## New Division Formed By Union Carbide

### J. R. Hulten Heads Fibers And Fabrics

The formation of a new division known as the Fibers and Fabrics Division of Union Carbide Corporation has been announced by Birny Mason Jr., president. Also the announcement was made that John R. Hulten has been appointed president of the new division.

The division will be responsible for product development, marketing, and promotion of products associated with the textile and related industries. Currently, Union Carbide's products in this area include Dynel modacrylic fibers, Krene flexible vinyl film and sheetings, Vileau and Fiberbond vinyl fabrics, nonwoven materials for automotive interiors and other uses. The Englander Company, a corporation subsidiary, will also be a part of the Fibers and Fabrics Division.

Hulten joined Union Carbide in 1941 as a research assistant on a corporation fellowship at Mellon Institute. In 1946 he was appointed a technical representative in the sales organization of the Chemicals Division in Chicago. He moved to the New York office in 1957 as manager of the newly formed fluorocarbons group. He was appointed manager — specialty chemicals marketing for the Chemicals Division in 1960. Hulten was a vice president of the Chemicals Division from 1962 until his present appointment. He is a graduate of the University of Wisconsin.

## Fire Prevention Efforts A Success

Fire Prevention this year has been gauged one of the most successful ever. In a comprehensive report last week P. C. Dabbs, who coordinated the efforts paid tribute to the inspectors from all over the plant, as well as the entire employee list in Y-12.

Special thanks were added for Milt Dickens who planned the film-slide-tape program on fire doors and for Jane Brown who scheduled the program many times in the early days of October.

Inspections are completed and corrective action has been taken in most cases. In others work orders have been prepared to remove any possible fire hazard that might have existed.

"Well done, Y-12," was Dabbs' salient comment.

## Detective Comments On United Fund Agencies

"It has been my observation over the past 15 years in Oak Ridge, that youngsters who are active in the youth agencies of the Community Chest seldom get into serious trouble. I feel that each agency has its place in the life of the community and that the leadership provided by these agencies is one of the main factors in keeping Oak Ridge with a low youth crime rate." Artie Addison, Captain of Detectives, Oak Ridge Police Department.

6-12285



WITH NO HAT TO TOSS into the political arena, Betty Jeffers, Employment, is having a difficult time deciding what to wear to the Halloween dance. Y-12's big fall dance is set for Friday, October 23, at the Oak Terrace ballroom, Oak Ridge. Fun gets underway at 9 p.m. See you there!

## Tickets On Sale For Y-12's Big Halloween Dance, Set Oct. 23

Friday week, or October 23 is the Big Day . . . as the ghosts and goblins from Y-12 will gallivant in the ghoulish costumes of their choice. That date is set aside for the big fall Halloween Dance . . . that's Friday, October 23.

The festivities get underway at 9 p.m. and continue through until 1 a.m. Tickets are on sale now . . . for only \$1.50 per . . . or \$3 per couple. Have you obtained yours yet from any of the people below?

- |                    |              |
|--------------------|--------------|
| Shirley Humphrys   | Bldg. 9720-8 |
| Jo Ann Isham       | 9212         |
| J. C. Thompson Jr. | 9201-1       |
| Ann Ware           | 9204-2       |
| Kathleen Milligan  | 9201-1       |
| Doris Mathis       | 9706-2       |
| Daisy Ward         | 9995         |
| Gene Barnes        | 9733-2       |
| Dottie Fielder     | 9720-6       |
| C. M. "Hap" West   | 9711-1       |
| Frances Donahue    | 9734         |
| Jeanne Cothron     | 9201-5       |
| Faye Duncan        | 9215         |
| J. P. Smith        | 9733-2       |
| Betty Whitehorn    | 9202         |
| Ella Stansell      | 9723-15      |
| Helen Long         | 9723-14      |
| Clarice Cagle      | 9739         |
| Jo Walpool         | 9204-4       |
| Mildred Scott      | 9706-2       |
| R. T. Cantrell     | 9704-2       |
| Cafeteria          | 9711-5       |

Bill Lawson's Orchestra will be on hand to furnish danceable music the entire evening for party-minded Y-12ers.

Door prizes include an oven broiler, a deep-fat fryer, a food blender, stainless steel steak knife set, two serving trays and a waf-

fer iron-toaster combination. Transistor radios will go to the best-dressed (in costume) man and woman there.

Since Halloween has brought out all the pumpkins and witches to haunt the autumn air, it's highly likely we may not even recognize anyone there!

Make your plans now to attend the Big Fall Dance, at the Oak Terrace, Oak Ridge, Friday, October 23.

See you then!

## Fowler, Lazar, Snell Will Lead Seminar

T. K. Fowler, N. H. Lazar and A. H. Snell will discuss "Plasma Physics in Europe" in this week's Thermonuclear Division seminar.

It is set in the TD conference room, Building 9201-2, Thursday, October 15, at 9 a.m.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
26 Days Or  
854,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through October 11  
Phone 7755  
For Daily Report  
On Accident-Free Hours

# The Bulletin

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UNION CARBIDE  
CORPORATION



JAMES A. YOUNG ..... Editor



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## Knoxville Rites For C. K. Sanders

The plant was saddened Sunday, October 4, by the death of Charles K. Sanders, General Mechanical Engineering.

Mr. Sanders, a native of Knoxville, held a BS degree from Phoenix University, Bari, Italy. He had also done graduate work at the University of Tennessee and Cooper's Institute. A veteran of the United States Marine Corps,



and the U. S. Army Reserve, he was a member of the Tennessee Air National Guard at the time of his death.

Surviving are his wife Mrs. Joyce Smith Sanders; three children, Barbara, Mack and Charles, at home at 3501 Fairway Drive, Knoxville; father, Mr. Thurell Sanders, Knoxville; a sister, Mrs. Martha Ivens, Clinton; and a brother Alvin L. Sanders, Los Angeles, California.

Graveside services were held at 3:30 p.m. Monday, October 5... with interment in the Greenwood Cemetery, Knoxville. The Reverend Charles A. Ausmus officiated at the rites.

Mr. Sanders was a member of the Lincoln Park Baptist Church, the Fellowship Sunday School Class, and the Charles McKinney Lodge No. 435 F&AM.

Sincere sympathy is extended his family by fellow workers.

## Circus Is Coming To Knoxville...

Ringling Brothers-Barnum and Bailey Circus is coming to Knoxville next Tuesday, Wednesday and Thursday, October 20, 21 and 22. There will be two performances daily at 4 and 8 p.m. at the Knoxville Coliseum.

Union Carbide employees and their families may get a \$1 discount on each adult ticket for the evening performances on October 20 and 21, only.

Official discount coupons may be obtained from the Bulletin Office, extension 7100.

Regular adult admission prices are \$3.50, \$3.00, \$2.50 and \$2 tax included. Prices for children under 16 are one-half the regular adult price, but there is no discount on children's tickets.

All seats for these performances are reserved. The discount coupons will be accepted at the circus ticket office when the reserved seat tickets are purchased up to 6 p.m. the day of the performance.

## AIChE Hears National President Next Week

Dinner Meeting Set At Senators Club



Donald A. Dahlstrom

The local section of the American Institute of Chemical Engineers will hear their national president next week. Donald A. Dahlstrom, vice president and director of research and development for the Eimco Corporation, and national president of the AIChE, will speak at a joint dinner of the University of Tennessee's student chapter and the Knoxville-Oak Ridge section of AIChE.

The meeting is set at the Senators Club (C'est Bon) next Wednesday, October 21. The social hour is for 6:30... with dinner at 7:15 and the meeting scheduled for 8. All members and other interested friends are invited to attend.

Dahlstrom received his chemical engineering degree from Minnesota and his PhD from Northwestern where he taught for seven years. For the past 12 years he has been associated with the Eimco Corporation and is a recognized authority on filtration, liquid-solids separation, and liquid cyclones. He is also very active in the Society of Mining Engineers.

He will speak on "Chemical Engineering-Past and Future."

Reservations for dinner (\$3) may be obtained through C. W. Barkow, extension 8856.

## Shift Group Sets Fishing Rodeo

Another big fishing rodeo is set for Saturday, October 17, by the E, F, G, H and J Shift groups. This time it will be a smallmouth bass tournament, to be staged at the Stardust Boat Dock, Norris Lake.

All Y-12 employees, spouses and children are invited to participate in the competition, which gets underway at 12:01 a.m. until 5 p.m. Saturday.

A total of 10 prizes grace the boards, ranging from spinning outfits to minnow buckets, and all the other rigging that is needed on the deep.

## Brevity Is Soul Of Wit

The next time you have to prepare a speech you might remember this: the length of a communication is no guide to its importance. The Lord's Prayer contains only 56 words; Lincoln's Gettysburg Address... 266; The Ten Commandments... 279... and the 23rd Psalm contains only 118 words.

## Audubon Tours Set 15th Season Debut

The fifteenth season of the Audubon Screen Tours gets underway next week. Chester P. Lyons, British Columbia, will lead-off the programs with his film "The Right to Live." The film was produced in his home province and shows the wide diversity of climate and topography, and the abundant wildlife of British Columbia.

Lyons was born near Regina, Saskatchewan, but grew up in the Pacific Coast province, where he graduated from the University of British Columbia. After his Forest Engineering schooling, he served as an officer in the provincial department of recreation and conservation. His work with the parks division of the British Columbia Forest Service gave him material for several books, including "Trees, Shrubs and Flowers to Know in B. C."

In "Right to Live" Lyons examines the five most important life zones in British Columbia, giving a cross section of its people, their basic industries and the plant and animal life of the locale.

Tickets may be ordered in advance of the opening date, Wednesday, October 21, by calling Oak Ridge 483-5478, 482-2736 or 483-4003. The family plan season price of \$10 for both parents and all dependent children will be repeated this year. Single admissions and individual season tickets will also be available at the box office.

Audubon Screen Tours are sponsored by the Oak Ridge Conservation Club, in cooperation with the National Audubon Society. All programs are shown at Jefferson Junior High School Auditorium, and start at 7:30 p.m.



**Ride wanted from 102 Turner Road, Oak Ridge, to North Portal, straight day.** Janice Trent, plant phone 7-8048, home phone Oak Ridge 483-0923.

**Ride wanted or will join car pool from Alcoa Highway, vicinity of Maloney Road, to North Portal, straight day.** A. W. Maxey, plant phone 7-8268, home phone Knoxville 577-7432.

## H<sub>2</sub>O ON THE BRAIN

Human bodies are about 70 per cent water... blood about 90... bones about 40... the brain contains about 85 per cent water.



ELAINE FIELDEN, 12-year old daughter of J. H. Fielden, Special Projects, is seen driving the handsome miniature speeding car she recently won in a Knoxville drawing. Fielden says the rest of the family enjoys the gasoline-powered racer almost as much as Elaine does.

## Y-12er's Entire Family Enjoys Daughter's Miniature Racing Car

Elaine Fielden has all of a sudden become the most popular member of the J. H. Fielden household. Recently, she became the proud owner of a miniature racing car... complete with engine and all!

Modeled after Jimmy Clark's famed Lotus model from the Indianapolis races, the little plexiglass car is complete with a seat belt and all.

Papa Fielden, who gets as much kick out of the car as Elaine does, says he has had it up to about 40 mph... and says it takes curves like a dream... but then you would expect it to, since its prototype is the famed Lotus car.

Elaine won the small racer through a drawing sponsored by Miller's, Knoxville. She is in the 8th grade at West Hills School.

The Lotus is powered by a three and one-half horse-power engine.

Elaine's father is in Y-12's Special Projects.

## Sight-In Day Is Set Saturday

The Oak Ridge Sportsmen's Association is sponsoring a "Hunter Sight-in Day," Saturday, October 17. Shooting will be from 1 to 5 p.m.

This sight-in day will be held with the cooperation of the National Rifle Association, the purpose being to allow big-game hunters to sight in their center fire rifles.

The firing line will be near the brench rest range on the Association's grounds. Sighting in will be done at 50 and 100 yards. The Sportsmen's Association will furnish targets and spotting scopes. Shooters must furnish their own ammunition. Amateur gunsmiths will be available to make minor sight adjustments and repairs free of charge. Range safety regulations will be enforced at all times.

A. A. Abbatiello, ORNL, will be in charge of the sighting in procedures.

## Playhouse Opens Season Friday

"Sunday in New York" opens at the Oak Ridge Playhouse, Friday, October 16, with additional performances October 17, 18, 23, 24 and 25.

Mrs. David Alford has an unusual role in the comedy... playing a Japanese waitress, a ladies' room attendant, and a scene shifter as well as other parts. Tickets are available for the single production, as well as season tickets for the Playhouse series this year... including "Andersonville Trial," "The Miracle Worker," "The Beauty Part," and "The Taming of the Shrew."



THE HOLMBERG children (all grandchildren of Lula Belle Justice, Mail Department) took their fair share of ribbons at the Anderson County Fair, held in Clinton recently. At left, Douglas astride Stormy accepts his trophy, and Nancy, also on Stormy, accepts hers from Nancy Williams, as Ringmaster Ira Shotts, Timekeeping, looks on. At right Connie, on Merry Legs, gets her award. Six of the Justice ponies entered the horse show at the fair, and walked away with 10 trophies and blue ribbons. Pretty good, eh?



**WATCH THESE BIG TEAMS** in the E League . . . they're dynamite! In the upper photograph are the Ten Pins . . . seated Captain R. R. Bedwell . . . and standing from left are S. Hasting, W. Russell and E. Vickery. In the lower picture are the Alley Bees . . . seated J. J. Johnson and P. Bullard. Standing are C. R. Martin and R. Gibson, captain.

## Bush League Fires First Alley Volleys

### Beginners, Teds Begin 'Right'

The eight-team Bush League got underway last Monday night. The Beginners began the season in fine fettle by taking four from the Hi Balls . . . as did the Teds over the Spec Five. Three Point wins went to the Seven Sixties over the Rollmasters and the Beavers over the Outcasts.

W. W. Smith, Seven Sixties, took high single game scoring with a 192 scratch, 223 handicap game. He and Tom Watts, Beavers, tied for scratch series highs, each with 484 . . . while William Stinnett, Teds, took handicap series, rolling a 588.

The Teds came close to sweeping the boards, rolling singles of 803 scratch and 984 handicap . . . series of 2258 scratch. The Beavers blocked the rout by taking high handicap series, posting a good 2864.

The 8 p.m. Monday night league is in need of substitutes and regular bowlers. There are a couple of co-oppers rolling who will be leaving . . . which will give permanent openings for berths on teams. If interested, call Recreation, extension 7109.

League standings follow:

Team	W	L
Beginners	4	0
Teds	4	0
Seven Sixties	3	1
Beavers	3	1
Outcasts	1	3
Rollmasters	1	3
Spec Five	0	4
Hi Balls	0	4

## Alley Bees Still King In E League

E League bowlers went into their eighth week of fighting last week . . . with the Cannon Balls taking three from the league-leaders, the Alley Bees. The Four Squares also took three from the Hot Shots. The Pintwisters-Ten Pins duel ended in a draw, both teams taking two.

R. Gibson, Alley Bees, swept individual honors for the day, rolling singles of 212 scratch, 247 handicap . . . and series of 539 scratch, 644 handicap.

The Four Squares took series highs, posting tallies of 1878 scratch and 2265 handicap. Their 655 single scratch score was high also. The Cannon Balls took single handicap honors, making 804 pins.

League standings follow:

Team	W	L
Alley Bees	15	9
Ten Pins	13	11
Cannon Balls	12½	11½
Four Squares	12½	11½
Pintwisters	11	13
Hot Shots	8	16



SIGNS OF SPRING

## Welfare, Allstun, Case Lead Skeets

### Next Firing Set For October 18

Y-12ers again dominate all three classes in the Carbide Skeet League, as a result of October 3's firings. R. A. Allstun stands at 74 . . . from a possible 100 perfect score in Class A. J. M. Case's 92 is high in Class AA, and Fred Welfare's same score is tops in Class AAA.

The next shoot is set for Sunday, October 18 . . . when round number five will be shot.

League standings follow:

CLASS AAA	
Fred Welfare, Y-12	92
M. C. Wiest, Y-12	90
J. A. Swartout, ORNL	89
W. E. Brundage, ORNL	88
Don Pitt, Y-12	71*
F. S. Patton, Y-12	65*
K. W. Bahler, ORGDP	64*
W. H. Davy, ORGDP	56*

CLASS AA	
Jack Case, Y-12	92
Charlie Asmanes, Y-12	86
Newt Hamby, Y-12	76
R. H. McNabb, Y-12	56*
C. G. Brewster, Y-12	39*
Bill Sahr, Y-12	36*

CLASS A	
R. A. Allstun, Y-12	74
H. D. Wills, ORNL	59*
M. E. Pruitt, ORNL	54*
Hugo Bertini, ORNL	47
Bill Ebert, Y-12	30*
J. P. Cowen, Y-12	19*

\*Incomplete scores.

## Has Beens Take Classic Loop Lead

### Tigers' Bailey Rolls 248 Top Game

The Has Beens moved up to the top of the ladder in the Classic League last week by downing the Tigers for the full count of four points. By defeating the Cubs by four points, the Splinters gained a tie for second place with Eightballs, who slapped a three point loss on the Wasps.

The Bumpers and the All Stars, in addition to the Has Beens and the Splinters, took four point wins by defeating the Markers and the Screwballs. Three point tallies went to the Smelters over the Rebels and the Rippers over the Playboys.

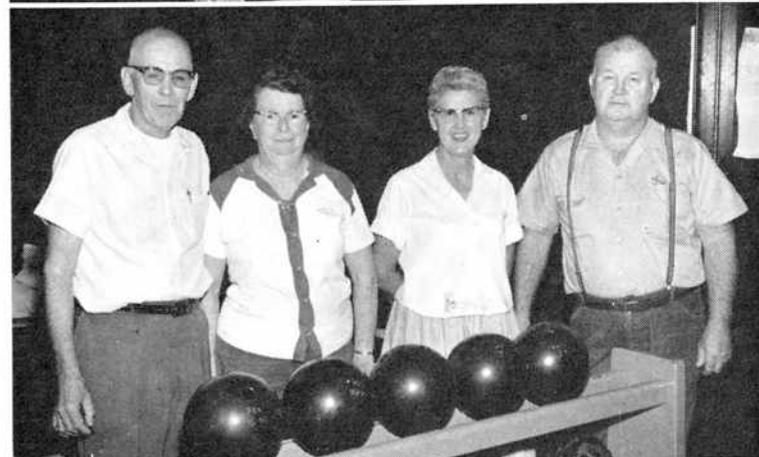
George Bailey, Tigers, took high singles honors, rolling a 248 scratch score. Individual handicap honors in singles went to Joe Youngblood, Has Beens, with a 273 total. High series honors went to Elmer Johnson of the Splinters with a 599 scratch and a 668 handicap.

The Splinters and the All Stars shared team honors for the week. The All Stars took team handicap singles with a 1047 total; and the Splinters took scratch singles, 885, scratch series, 2583, and handicap series with a 3036.

League standings follow:

Team	W	L
Has Beens	18	6
Eightballs	17	7
Splinters	17	7
Smelters	14	10
Rippers	14	10
Bumpers	14	10
All Stars	13	11
Tigers	12	12
Markers	11	13
Wasps	11	13
Playboys	11	13
Swingsters	11	13
Wolves	11	13
Screwballs	10	14
Rebels	5	19
Cubs	3	21

It's a good thing to know yourself, but you don't have to tell anyone.



**BEAUTIES AND THE BEASTS** bowling comes around every Wednesday night for Y-12ers. Two Mixed League teams above show up regularly for some hot competition . . . at top are the Chumps, Bob Nusplinger, Sandra Stambaugh, Ernestine Teeter and Mike Mount (Nusplinger was subbing for Jim Thompson). In the lower photo are the Bingos, C. W. and Mary Whirry . . . and the Adamases . . . Altivene and Frank.

## Chumps, Blue Angles Take Lead In Latest Mixed League Bowling

The Blue Angels bashed their way into first place in Mixed League Bowling last week, by taking three from the Goofers. Moving right up there with them were the Chumps who also took three from the Alley Cats. Thus the Chumps and Angels replaced last week's leaders . . . their opponents respectively.

Other matches saw the Bingos and Twisters split two each . . . and the Alley Oops and Turtles likewise.

## Fred Fox Is Big C League Alley-Buster

Fred Fox, Sunflowers, showed C League Bowlers last week what kind of metal his team was made of. They took three points from the Big Five and kept a slim, one-point lead in league standings. Fox swept individual honors, taking a single game of 255 scratch, 269 handicap . . . and series of 661 and 703!

Four point wins went to the Hookers over the Shud-A-Beens, the Parbusters over the Strikers and the Hi Lifers over the Lucky Strikes. A three point victory saw the Badgers over the Rodders. The Five Roses and Rounders shared two points apiece.

Teamwise, it was the Hookers in singles, posting 935 scratch and 1082 handicap totals . . . and in series it was the Sunflowers with 2673 and 3003.

Team	W	L
Sunflowers	14	2
Hookers	13	3
Parbusters	12	4
Five Roses	10	6
Badgers	9½	6½
Shud-A-Beens	6	10
Big Five	6	10
Rounders	6	10
Hi Lifers	6	10
Lucky Strikes	5	11
Rodders	5	11
Strikers	3½	12½

On the female side it was Altivene Adams, Bingos, who rolled high scratch game of the night with a 168. Eleanor Rekemeyer, Twisters, took handicap highs, posting a 223 single and 600 series. Ella Stansell, Goofers, took series scratch highs with a 447.

George Cantrell, subbing for the Chumps, took scratch highs, rolling a 214 single and 556 series. C. C. Roberts, Blue Angels, posted high handicap play with a single 233 and series of 648.

In singles it was the Blue Angels for scratch singles. They rolled 622, which was boosted to a 830 handicap tally. The Chumps took scratch series highs with a 1771 . . . and the Angels returned to the board with a 2351 handicap series total.

League standings follow:

Team	W	L
Blue Angels	10	6
Chumps	10	6
Goofers	9	7
Alley Cats	9	7
Turtles	7	9
Twisters	7	9
Alley Oops	6	10
Bingos	6	10

## Netman Akers Picks Up Two Tennis Wins

Tennis activity picked up last week despite the chilly weather. Ed DelGrande defeated Campbell King 5-7, 6-1, 6-1; Bill Hackett won over Bob Bass 6-2, 6-3. Bill Akers defeated Roy Huddleston 6-1, 6-0, and Dick Huber 6-1, 6-0.

League standings follow:

Player	W	L
Bill Akers	5	0
Sam Campbell	8	1
Ralph Levey	6	1
John Pridgeon	3	1
Ed DelGrande	4	2
D. W. Hackett	4	3
John Jones	1	3
Bob Bass	3	4
Campbell King	3	4
Dick Huber	3	4
Don Legacy	1	6
Roy Huddleston	2	7
Al Fischer	0	5

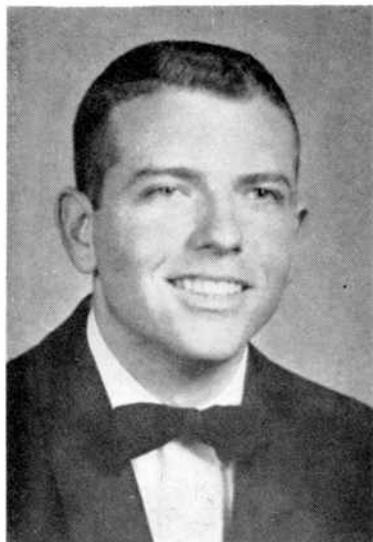
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Nevil Phillip Bush

**Bush Son Receives DDS Degree At UT**

Saturday, September 30, was 'cap-and-gown' day for the N. F. Bush family. Son Nevil Phillip Bush was awarded his doctorate in dental surgery. The sheepskin was taken at the University of Tennessee Medical Units, Memphis.

Nevil, whose father is in Y-12's Buildings, Grounds and Maintenance Shops, is married to the former Judith Ann Mynatt, Knoxville. They live at Meadow View Gardens, Memphis.

Dr. Bush received his pre-professional training at UT in Knoxville. While attending the Memphis division, he was a member of Delta Sigma Delta and Dean Society.

Shortly after the first of the year Dr. Bush will enter the Armed Forces and will be stationed at Fort Jackson, South Carolina.

**CULTURED VULTURES**

Some folks are so cultured they'd rave about the Beatles if they paid two dollars to hear the mop-headed characters and were told that Shakespeare wrote their songs.

**ACS President To Speak Here**

The national president of the American Chemical Society will address the local chapter next Tuesday, October 20.

M. H. Arveson, ACS president, is a graduate of Lawrence College. He has worked with the Standard Oil Company (Indiana) and its affiliates since 1924. He first specialized in the development and manufacture of greases, lubricating and other compounded oils. For 14 years beginning in 1931 he was concerned with stimulating invention, evaluation of invention disclosures, and the acquisition of patents and other special projects.

He has done pioneering work in rheology with petroleum lubricating greases and is inventor or co-inventor of 44 U. S. patents. He received the Chicago Technical Society Council Award of Merit, 1955, and the Chicago Chapter AIC honor Scroll Award, 1961, and is a member of Phi Beta Kappa, Alpha Chi Sigma, and AIC, SPE and Chicago and New York's Chemists' Clubs.

Local ACS members and guests will all be welcome at next Tuesday's meeting. It will be held at 8 p.m. in Room 114, Dabney Hall, University of Tennessee.

**Product Engineering Dance Set October 30**

Product Engineering Division personnel are planning a big dance a week following Y-12's Fall Dance. It will be held Friday, October 30, at the Holiday Inn. Tickets are available throughout the division.

What a rude awakening for gals who marry because they are tired of working.



M. H. Arveson

**'Atomic Power' Film Available From AEC**

A timely motion picture "Atomic Power Production," is available from the Atomic Energy Commission on a loan basis. The 16 mm color movie is 14 minutes long and is meant for showings to nontechnical audiences, particularly junior high through college level.

The film explains how heat created by the controlled chain reaction of atomic fuel in a nuclear reactor is converted into electrical power. The care and safety of design, construction and maintenance and operation of atomic power plants are also discussed.

The film may be obtained on loan from the AEC's film loan library.

**SO PROUDLY WE HAIL**

The Star-Spangled Banner was not designated as the National Anthem until March 3, 1931 . . . although it was written September 13-14, 1814.

**Auto Mishap Fatal To Katy B. Gulley**

An automobile accident Sunday, October 4, claimed the life of a well-known Y-12er, Mrs. Katy B. Gulley, Uranium Chemistry.



Katy Gulley

Mrs. Gulley, a native of Tazewell, Tennessee, had been in Y-12 since April 16, 1951. She had previously worked with Roane Anderson and the Oak Ridge School System before coming to the plant.

Surviving are her husband Mr. Vance H. Gulley, 112 Venus Road; a son Gerald Gulley, Oak Ridge, and two grandchildren. Four brothers also survive, Bill Brooks, Tazewell, Archie, Clyde and Grover Brooks, all of Monroe, Michigan . . . and a sister Mrs. Martha B. Estes, Tazewell.

Funeral services were held Tuesday, October 6, at Martin Chapel, Oak Ridge, with the Reverend W. C. Summar officiating. Burial followed in Oak Ridge Memorial Park.

Fellow workers send their deepest condolences to the Gulley family.

**United Fund**

Continued from Page 1 this week, and voiced confidence that again Y-12ers would respond to the needs of their respective communities.

No specific goal is ever set in Y-12 and no quota is prescribed per employee. Each individual knows the needs of his community better than any of us . . . and also knows the extent to which he can give.

In Anderson County alone agencies for the good of the aged, the men in service, the young of the community, the handicapped youth, and many others provide untold services to make this neighborhood a better place to live.

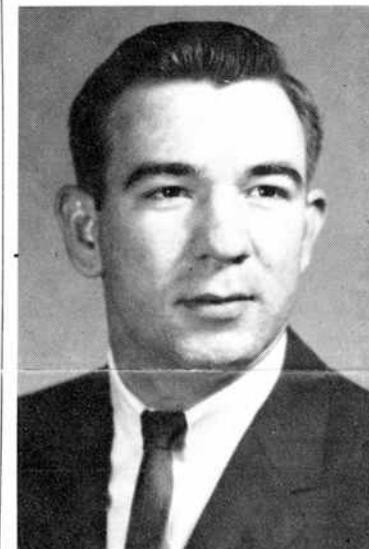
Community Chest dollars make these services possible . . . and the United Fund Drive is the only time each year employees are officially asked to give anything.

Have you contributed your fair share? Remember, 'One Gift Works Many Wonders' when contributed through the United Fund.



**BILL LAWSON AND HIS ORCHESTRA** will provide the colorful music for the color-filled dance planned for Y-12ers next Friday, October 23. The Halloween motif will be observed and prizes will be offered for the best male and female costumes there. The dance is set for 9 p.m. at the Oak Terrace ballroom, Oak Ridge.

**Lankford Son Takes BS Degree At UT**



Ted Lankford Jr.

August 27, this year, was a day that Ted Lankford Jr. had been looking forward to a long time. He was awarded his BS degree at the University of Tennessee in Industrial Engineering.

Ted worked one year in Y-12 between his freshman and sophomore year. He now lives in Anderson, South Carolina, where he is employed with the Owen and Corning Fiberglass Company. He plans to complete work on his master's degree at nearby Clemson College.

He is the son of Mr. and Mrs. Ted Lankford Sr. His father is in Y-12's Process Maintenance.

**Recreation**



- Sunday, October 18**  
Carbide Skeet League, 1 p.m., Oak Ridge Sportsmen's Association
- Monday, October 19**  
BOWLING: C League, 5:45 p.m.; Bush League, 8 p.m. (Ark Lanes)
- Tuesday, October 20**  
PHYSICAL FITNESS: 7:30 p.m., O. R. High School Gym
- Wednesday, October 21**  
BOWLING: E League, 10 a.m.; Mixed League, 8 p.m. (Ark Lanes)  
Y-12 Pistol League: 7:30 p.m., Anderson County Gun Club
- Thursday, October 22**  
BOWLING: Classic League, 5:45 p.m. (Ark Lanes)  
Y-12 RIFLE LEAGUE, 7 p.m., (Anderson County Gun Club)
- Friday, October 23**  
BIG Y-12 FALL DANCE, 9 p.m. to 1 a.m., Oak Terrace, Oak Ridge.

People are seldom too busy to take a bow.



October's bright blue weather sees many observing important anniversaries with Union Carbide Corporation. Congratulations.

**20 YEARS**

**Rasey R. Feezell**, Instrument Engineering, October 15.

**Otis B. Wray**, Buildings, Grounds and Maintenance Shops, October 16.

**Willard C. Crawley**, General Weld Shop, October 16.

**Ralph L. Jeffries**, Research Services, October 18.

**Luther A. Stephens**, Production Analysis, October 18.

**Ernest L. Pickard**, Research Services, October 18.

**Samuel W. Lindsay**, Graphite Shop, October 19.

**Hugh J. Gregory**, Guard Department, October 19.

**Ted C. Brooks**, Process Maintenance, October 19.

**15 YEARS**

**George W. Wylie**, Beta Four Heavy Machine Shop, October 14.

**Ralph C. Trout**, Area Five Maintenance, October 17.

**10 YEARS**

**Lloyd E. Hammock**, Receiving Department, October 14.

**George E. Byrd**, Beta Four Heavy Machine Shop, October 15.

**Ira L. Hill**, Utilities Administration, October 18.

**Alfred E. Smith**, Chemical Engineering Development, October 18.

**Charles E. McAlister**, Ceramics and Plastics Development, October 18.

**John W. Williams**, Production Analysis, October 20.

**Today Is Last Badge Swap Day**

Have you swapped your badge yet? Tonight at 11 p.m. (that's Wednesday, October 14) is the last go-round.

Blue bordered badges will not be honored at the portals after the exchange badges are taken down from the self-service racks tonight.

If you are not on payroll deductions, try it. You won't miss the small amount contributed regularly . . . and volunteer agencies may do a better job with the help of your accumulated gifts.