



Dr. Alfred G. Farnham

Dr. Farnham Named UCC's First Senior Research Fellow

New Position At Top Of Career Ladder

The appointment of Dr. Alfred G. Farnham as Union Carbide Corporation's first senior research fellow was announced recently. Senior research fellow is a newly established position at Union Carbide, representing the highest technical recognition for corporation research personnel. The position is comparable to that of director of research in the administrative field.

The position of senior fellow—in research, development, or engineering—is at the top of Union Carbide's "technical career ladder" plan. This plan sets up a line of specific technical positions parallel to the administrative positions that lead to the post of director. Its major object is to provide for the advancement and recognition of technically gifted personnel through other than administrative channels.

Dr. Farnham joined Union Carbide in 1941 at the corporation's plastic laboratory in Bloomfield, New Jersey. He advanced from the position of research chemist to that of group leader in 1952, section head in 1956, and research association in 1958. Since 1966, he has been senior research associate at the corporation's laboratory in Bound Brook, New Jersey. During his career with Union Carbide, he has made numerous contributions to the corporation's business interests as well as to

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July 4th Is Holiday For Most Y-12ers

Tomorrow, July 4, is an official holiday for Y-12ers, as the nation observes its 192nd birthday.

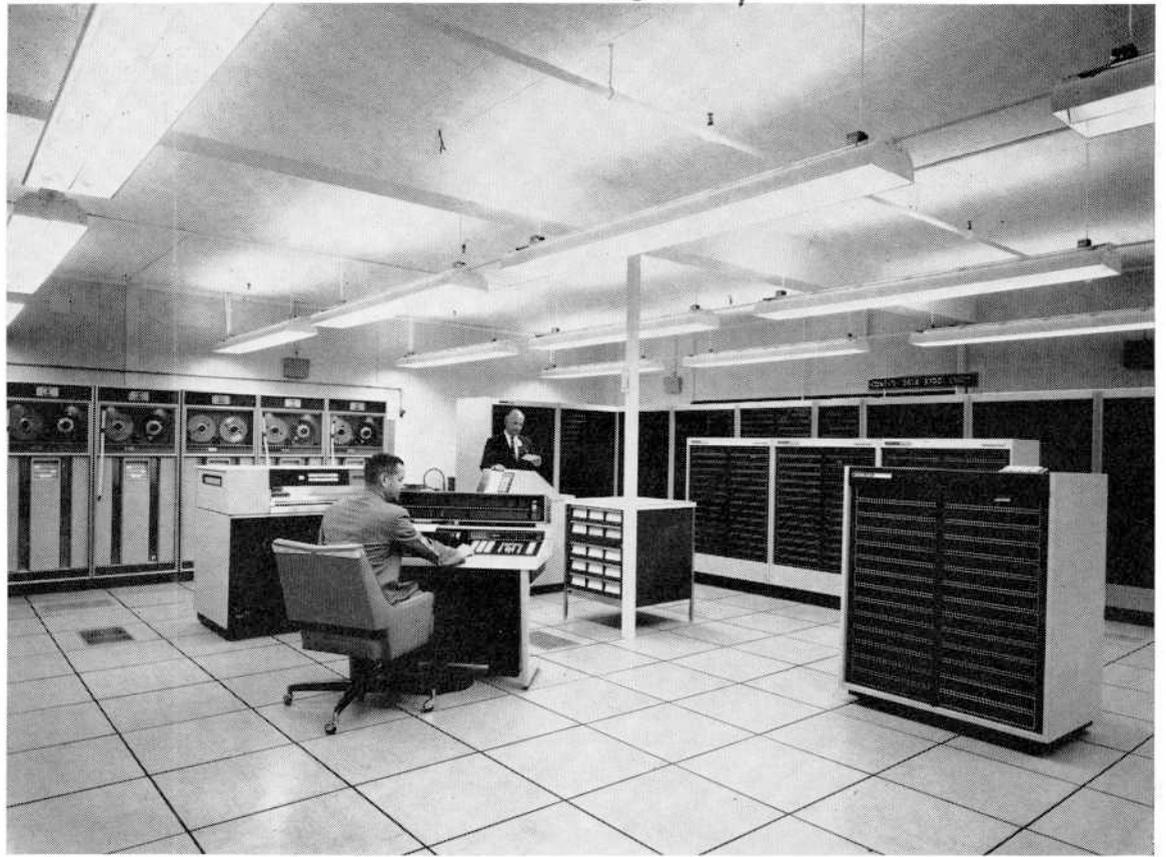
No employee will be required to work except those whose presence is required for the continuous operation or protection of the plant.

Fund Bulletin

A total of \$81,600 has been reported pledged for the East Tennessee Children's Hospital, according to incomplete returns:

With 86 per cent of its rolls participating salaried employees have anted up \$42,804. Hourly rolls have given or pledged \$38,796 with 66 per cent participation, in incomplete figures.

A final tally will be given next week.



A CONTROL DATA CORPORATION 3300 COMPUTER has been installed in 9706-1A. John Childress, Data Processing, is seen at the console of the million-dollar plus computer . . . Dan Morgan is in the background. A large scale programming effort is now underway to put many of Y-12's informations systems on the supercomputer.

Super Computer System Recently Installed In Y-12 To Up-Date Information Requirements

Y-12 has recently installed a Control Data Corporation 3300 computer system in Building 9706-1A. This system, costing somewhat in excess of \$1,000,000, will be primarily used to serve

the Production Control needs of the plant. It is not intended for use as a general-purpose computing center such as that at Oak Ridge National Laboratory, or at the Computing Technology Center.

Included in the Y-12 system are 65,000 words of memory, six magnetic tape drives, three disc drives, a card reader-punch, a paper tape reader-punch, and a high speed printer. The first application to be placed on the new computer will be the implementation of a new Production Control system that will provide management information relating to regular and special production. This Production Control system has been in the design stage for some time and a large-scale programming effort is now underway. Its size and complexity are such that implementation necessitated computer capacities greater than that which previously existed in Y-12.

In addition to production control, other information systems and computing now being done by data processing will be converted to the new supercomputer. This includes work being accomplished for plant activities such as Project Rover, Maintenance Division, Engineering Division, Radiation Safety, Accountability, Quality Control, etc.

Future plans call for connecting directly the existing Transactor automated data collection system with the new computer. This will result in immediate updating of information files and a greater ability for serving the management information needs of the plant. For example, data could be made available by using teletypes or cathode ray tubes to ask questions of the computer if

that is advantageous at a later time.

The 3300 computer was designed and built to operate efficiently in a time-sharing mode. In other words, it can process several jobs at one time as well as handle remote data from equipment such as Transactors. It is the first computer to be installed in Oak Ridge that has a full multi-programming capability; that is, more than one batch job can be processing through memory at any given time. By processing more than one job at a time, better use is made of the computer and the production rate increase.

Although use of Control Data equipment is not common in Oak Ridge, it is very well known throughout the AEC systems. For example, LRL and Los Alamos each have three large-scale multi-million dollar Control Data computer systems.

The installation of this machine means that Y-12 will have available for the first time in many years a computing capability that utilizes current technology to satisfy the legitimate computing demands of the plant.



AT A RECENT MEETING of the Tennessee Society of Professional Engineers, four Y-12ers were presented professional engineers registration certificates. F. S. Patton, P. E., Engineering Division Superintendent, right, makes the presentation. Those receiving certificates, above, are, from left Carl St. Onge, Ronald V. Miskell, E. Loyd Youngblood, and James D. Lawrence. All except Youngblood are from Y-12. L. G. Whitten, who could not attend the TSPE meeting, was also certified. Harld E. Goeller, ORNL, spoke at the meeting on "New Aspects of Agro-Industrial Complexes for Developing Nations."

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
101 Days Or
2,946,000 Man-Hours
(Unofficial Estimate)
Through June 30
Without a Disabling Injury
Safety At Home
At Work, At Play

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor



American Association Industrial Editors

OFFICE

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Oak Ridge, Tenn. 37830
Telephone 3-7100



Along with the country's big birthday... Y-12ers see important milestones too. As they celebrate important dates with Union Carbide Corporation. Congratulations.

25 YEARS

James H. Campbell, Electrical Department, July 5.

Mona B. Myers, ORNL Chemical Services, July 5.

Ralph L. Stanfill, Chemical Services, July 5.

20 YEARS

William R. Carver, Research Services, July 3.

William M. Eads, Chemical Services, July 3.

Joseph O. Loggins, ORNL Chemical Services, July 9.

Fred C. Hancock, Casting Department, July 11.

15 YEARS

Fred R. Hardin, Alpha Five Processing, July 3.

Ernest Duncan, Receiving Department, July 4.

Laurence E. Brown, Area Five Maintenance, July 6.

William L. Benzehafer, A-2 Shops, 9212, July 8.

10 YEARS

Frederick L. Back, Alpha Five Assembly Area, July 7.

Herman G. Crigger, Quality Assurance Inspection, July 7.

Shelton M. Hastings, A-2 Shops, 9212, July 7.

Albert J. Parks, Machine Maintenance, July 7.

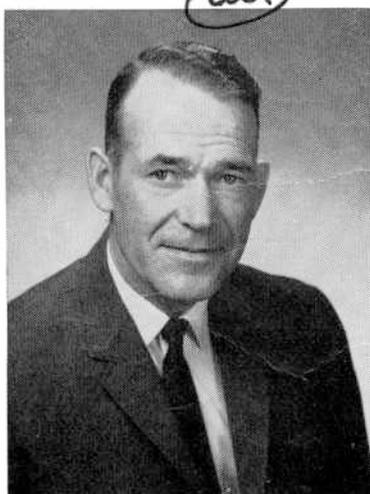
Ralph D. Reynolds, Machine Maintenance, July 7.

Museum Extends Hours For Summer

The American Museum of Atomic Energy—Oak Ridge Hall of Science in Oak Ridge has resumed its seven day-a-week schedule in preparation for the heavy summer tourist season.

Hours of operation now are from 9 a.m. to 5 p.m., Monday through Saturday, and from 12:30 p.m. to 6:30 p.m., on Sundays. The Museum is open evenings beginning this month.

Since its opening on March 19, 1949—the same day the "Atomic City" was opened to the public—the Museum has been visited by more than 1,750,000 persons from all of the United States and its territories and more than 80 foreign countries. It is the first museum in the nation devoted exclusively to nuclear sciences and its applications.



Hubert E. Parrott



James L. Scott

GREMLIN GOT IN THE TYPE again in making up the Bulletin last week. In the final seven promotions covered, effective July 1, the names of James L. Scott and Hubert E. Parrott got switched somehow. Sorry! The two new foremen are identified correctly above.

Six Promotions Reported In Technical Services

The Technical Services Division has announced recent promotions, elevating six men to foremen. All are in Physical Testing. They are Charles L. Bailey, George A. Burton Jr., Lawrence E. Kinkaid, William D. Ross, Ralph G. Williams Jr., and Lee M. Van Arsdall.

Charles L. Bailey, a new mechanical inspection supervisor, was born in Alton, Illinois.

A veteran of the U. S. Army and U. S. Air Force, he came here September 23, 1963, after working with the Shell Oil Company; and from 1945 until 1948 in the grocery business. He served in the Army from 1943 until 1945 and in the Air Force from 1951 until 1953.

Mrs. Bailey is the former Lois Paul. The couple has two sons... Jim, a co-op student at Tennessee Tech (he just completed his first semester in Y-12); Jeff, a junior at Oak Ridge High School; and Carla, in the fifth grade at Pine Valley.

Yardwork at his 120 Underwood Road home, Oak Ridge, and golf take up most of his spare time.

George A. Burton Jr.

George A. Burton Jr. was born in Corryton, in Knox County. He holds a BS in vocational education from the University of Tennessee, and is a veteran of the U. S. Army (serving during World War II from 1944 until 1946). He came to Y-12 June 21, 1954, after serving as a teacher in Wartburg, and farming.

Mrs. Burton is the former Kathline Donahue and the couple has two sons... Joe, in Memphis Medical School, and Albert in school in Knoxville. Their daughter Betty attends school in Oak Ridge. They live at 163 Wade Lane, Oak Ridge.

Fishing and gardening fill his spare hours, according to Burton.

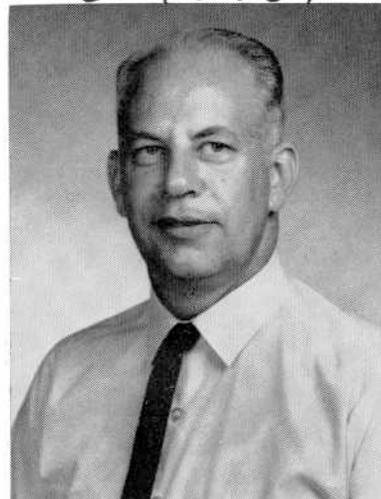
Lawrence E. Kinkaid

Lawrence Kinkaid was born in Knoxville. He holds a BS degree from East Tennessee State College, Johnson City, graduating in 1951.

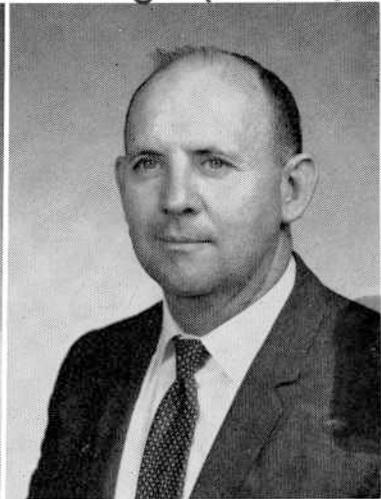
He served in the U. S. Navy from 1944 until 1946 and taught school and coached at Lenoir City a couple of years, after college. He came to Y-12 December 13, 1954.

The Kinkaid family live on Roberts Circle, Lenoir City, and have three daughters, ages 12, nine and six.

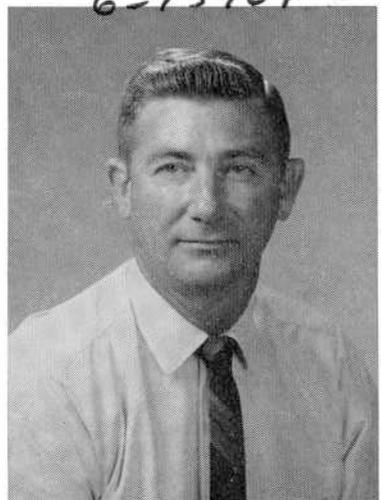
Kinkaid worked with the Knoxville Sand and Gravel Company, the Calvert Fire Insurance Company, out of Atlanta, and the H & H Buick Company, Lenoir City, before coming here.



Charles L. Bailey
6-13987



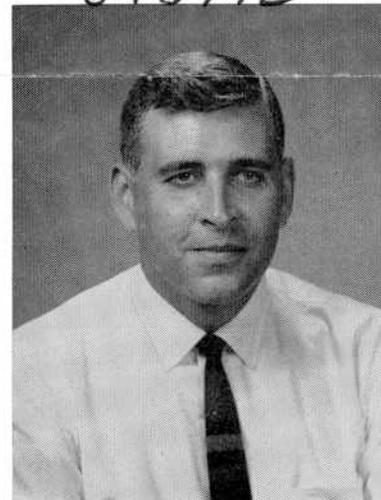
George A. Burton Jr.
6-13896



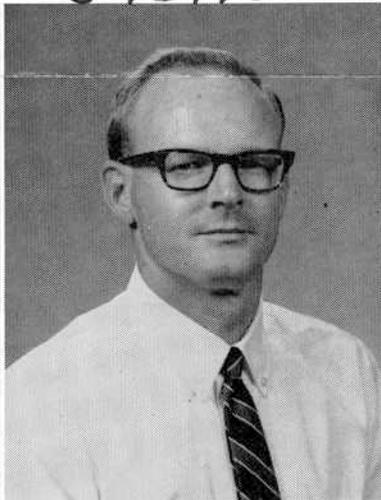
Lawrence E. Kinkaid
6-13972



William D. Ross
6-13970



Lee M. Van Arsdall



Ralph G. Williams Jr.

He was vacationing last week from Y-12.

William D. Ross

William D. Ross, another new foreman, is a native of Harriman, where he presently lives on Woolsey Road.

From 1947 until 1949 he worked with AT&T in Atlanta. From 1949 until 1950 he farmed in Roane County, and from 1950 until 1951 worked with the Roane-Morgan Artificial Breeding Association. He worked in the Harriman Radio and TV Clinic and Economy Auto Store, Harriman, before coming here October 24, 1954.

Mrs. Ross is the former Alberta Ahler. They have two daughters, Martha a senior in Harriman High, and Elizabeth in the eighth grade at South Harriman Junior High.

Anything to do with photography and electronics fascinates Ross, and the family likes to travel when time allows.

Ralph G. Williams Jr.

Ralph G. Williams Jr., a native of Charlottesville, Virginia, studied at Union College, Barbourville, Kentucky, as well as the University of Tennessee.

He lives at 121 West Gettysburg, Oak Ridge, with his wife

the former Sara Trevana, and son Mark in the sixth grade at Woodland, and Sherrie, in kindergarten.

Before coming to Y-12 January 4, 1960, Williams worked at the Holland Texaco Service Station, Oak Ridge.

For four summers, he worked as a student trainee at K-25.

The family has a house boat out of Blue Springs on Watts Bar, so guess what they do every weekend during the summer!

Lee M. Van Arsdall

Lee M. Van Arsdall, a native of Louisville, Kentucky, attended Tennessee Military Institute, Sweetwater, and the University of Tennessee.

He lives with his family on Orchard Road, Norris, where the family enjoys all the outdoor sports of swimming, boating, camping and fishing so suited to that area. Mrs. Van Arsdall is the former Joan Haley. The couple has two children, Linda, a senior at Norris, and Bud, in the second grade.

A veteran of the U. S. Navy (serving from 1950 until 1954), Van Arsdall has farmed and from 1954 until 1956 served as a chemical operator here in Y-12. He returned to Y-12 the second time January 19, 1959.

Oak Ridge KC's Name Herb Pohto Grand Knight



Herbert A. Pohto

Herbert A. Pohto, Y-12's Tool Engineering, has been elected Grand Knight of the Oak Ridge Knights of Columbus, Council 3175, and will head the Council for this coming fiscal year. He will succeed W. Dale Klobe, Grand Knight of the past year.

Pohto, a 4th Degree Knight of Monsignor F. D. Grady General Assembly Fourth Degree Knights of Columbus, Knoxville, is also a Lt. Commander in the Naval Reserve and on the Group Command Staff of the U. S. Naval Reserve Training Center, Alcoa Highway, Knoxville.

Pohto is a registered professional engineer and a member of the Tennessee Society of Professional Engineers, the American Society of Mechanical Engineers, and the Reserve Officers Association and the Naval Reserve Association. He is a mechanical engineering graduate of Case Institute of Technology and has done graduate studies at the University of Maryland and Heidelberg College.

The Y-12 engineer resides with his wife, Ann, and their three daughters, Laurel, June and Gail at 106 Baltimore Drive, Oak Ridge. Another daughter, Sharon (Mrs. William Koeth), is a graduate of the University of Tennessee and is employed at the University of Dayton where her husband is a graduate student.

Other elected officers of the Oak Ridge Knights of Columbus for the coming year are: Joe F. Hacker, Deputy Grand Knight; R. V. Thatcher, Chancellor; Robert E. Adams, Warden; John Landry, Recorder; P. W. Williams, Treasurer; Phillip J. Stegar, Advocate; W. Dale Klobe, Trustee; Bennie DiBona and Al Paulson, Guards.

About the only thing that comes to us without effort is age.



Y-12ER JACK HUFF PLACED FIRST recently in the 300-yd. Rapid Fire competition staged by the Oak Ridge Sportsmen's Association. His 196-8X was high among a field of 120 high powered rifleers.

Jack Huff's 196-8X Score Takes High Power Rifle Competition Over 119

Jack Huff won first place recently in the 300-yd. Rapid Fire competition, nosing out 119 other competitors in the firing.

The Oak Ridge Regional High Power Rifle Championship was filled to the range capacity of 120 competitors who were treated to some fine shooting weather in contrast to the two previous Oak Ridge tournaments. Good weather persisted until Sunday afternoon when a sudden storm drenched the range just minutes after the final shot was fired in the "leg" match.

The All-National-Guard team members dominated this Regional, with David R. Logan, Harrisburg, Pennsylvania, firing an excellent 974 28X to capture individual honors in the aggregate. Logan also won the 200-yd. standing match with a 194-5X score.

The All-Guard "Easterling" team won the team match on Sunday morning with a 1914-58X, and the All-Guard "Anderson" team took 2nd Master Reserve with a 1872-27X.

A number of competitors and team captains who have fired in many matches throughout the country complimented the Oak Ridgers on conducting the most effectively operated tournament they have attended this year. Oak Ridge's next tournament, the Tennessee State Championships, July 13-14, has reservations that exceed range capacity, and the de-

COME DANCE A WHILE

Single adults are invited to a weekly dance each Thursday night, 9 to 11 p.m. It's held in the Coral Room of the Library Building, and anyone interested in dancing is invited to come join the fun.

fending State Champion is 28th on the waiting list.

Y-12er Huff's scoring in the 300-yard rapid fire was 196 8X.

Recreation



Thursday, July 4
INDEPENDENCE DAY: Holiday for Y-12ers.

Sunday, July 7
SKEET TOURNAMENT: 1 p.m. Oak Ridge Sportsmen's Association

Monday, July 8
GOLF: Southwest Point, after work, Southwest Point, Kingston.
SOFTBALL: (Beginning 2nd Half) 6:15 p.m., Pinewood Park. Gashouse Gang vs. Cardinals. Rat Boys vs. Big Shops. Braves vs. Pirates.

PHYSICAL FITNESS: (Women) 7:30 p.m. Oak Ridge High School Girls' Gym.

Tuesday, July 9
PHYSICAL FITNESS (Men) 7:30 p.m. Oak Ridge High School Gym.

PISTOL LEAGUE: 6:15 p.m. Oak Ridge Sportsmen's Association.

SOFTBALL: Beginning 6:15 p.m., Pinewood Park. J-Birds vs. Beta Two. White Sox vs. K 25 Colts. UCC All Stars vs. Eagles.

Wednesday, July 10
GOLF: Melton Hill League, after work, Melton Hill Course, Clinton.

Thursday, July 11
SOFTBALL: Beginning 6:15 p.m., Pinewood Park. Pirates vs. Bat Boys. Beta Two vs. Braves. Eagles vs. Gashouse Gang.

HORSESHOE LEAGUE: 7 p.m. City Courts, Jackson Square.

Braves Belt Colts For Diamond Lead

Weather and a big game were the news last week in the Softball League . . . first the weather was wet which meant postponing some games into the 4th of July week . . . the last week of play in the season's first half.

Action began Monday with Y-12's White Sox downing the Cardinals 7 to 2. Big bats were Bob Ramsey and J. Whittlesey, with homers each.

K-25's Gashouse Gang tamed the J-Birds in game two 13 to 9 . . . with Bruce Marshall mauling two home runs and Charles Hensley hitting one. On the losing squad it was Willie May and Allan Fischer with one each. Hits were just about evenly distributed with the GG team poling 13 . . . the J-Birds 12.

The big game of the week game Thursday at 6:15 . . . as the Braves and Colts met to break their deadlock tie on first place. The big Y-12 team was victors by a tune of 14 to 10. Hits went 17 to the Braves . . . 16 to the Colts . . . but the K-25 Colts accumulated seven errors.

The game had to go into nine innings . . . and the big ninth saw the Y-12 team score the winning margin.

Jim Shoemaker and John Evans knocked homers for the big team . . . Steve Cates and Jim Adams for the losing Colts.

The J-Birds downed Y-12's Bat Boys 15 to 8 in game two Thursday . . . scoring 18 hits to 13 for the BB's.

The final action of the week came as the Pirates put the Eagles out of commission 14 to 6.

Jerry Davis dug in for two home runs. Hugh Richards poled one to help the losing squad.

League standings follow:

Team	W	L
Y-12 Braves	10	0
K-25 Colts	9	1
Pirates, Y-12	9	2
Eagles, Y-12	6	2
UCC All Stars, Y-12	6	3
K-25 Gashouse Gang	4	4
Big Shops, Y-12	3	4
Cardinals, Y-12	3	6
J-Birds, K-25	3	6
White Sox, Y-12	2	7
Bat Boys, Y-12	2	8
Beta Two, Y-12	0	8

Stewart-Butler Lead Melton Golf

The Stewart-Butler team moved into a lead in the Y-12 Melton Hill Golf League last week, thanks to a four point win over Carter-Jones. The Winstead-Ferguson pair wrested six from Poly-Morehead. Other six point wins went to Rogers-Thompson over Clabough Nobels, and Holly-Tilley over Braden-Grubb. Bell-Burrus won likewise from Butler-Stinnett.

Another four-point win was taken by Parrott-Parker over Johnson-Culberson. Sharing three were Alvey-Phillips and Brown-Gresham.

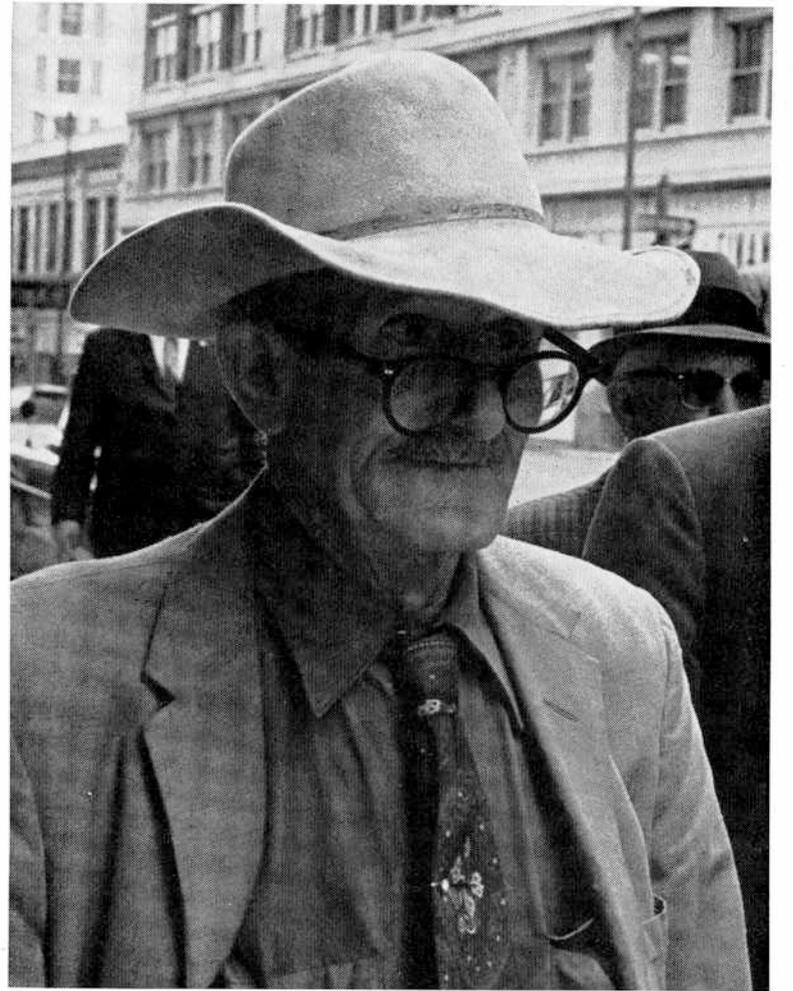
W. F. Jones scored low scratch of the week, with a 40 on the Clinton course. John Holly hung up a 33 handicap card.

League standings follow:

Team	W	L
Stewart-Butler	22	2
Winstead-Ferguson	20	4
Braden-Grubb	18	6
Brown-Gresham	15	9
Rogers Thompson	15	9
Bell-Burrus	13	11
Alvey-Phillips	13	12
Holly-Tilley	12	12
Johnson-Culberson	12	12
Carter-Jones	10	14
Clabough-Nobels	9	15
Parrott-Parker	5	19
Butler-Stinnett	4	20
Poly-Morehead	1	23

RUBBER SUBSTITUTE

Polyisoprene, the chemical duplicate of natural rubber, is used to make tires, storm rubbers, gym shoes, rubber bands, and hundreds of other everyday products.



A FACE IN THE CROWD was a good example of the Open Competition for the Carbide Camera Club's June Competition. It was the work of Stan P. Leibo, Biology Division.

Allstun Is June Hi For Skeeters

All three UCC plants got winners into the magic circle as the Skeet Tournament fired its June targets.

Y-12's R. A. Allstun took top gun prize with a 49.614 score. K-25's W. H. Davy was second with 48.786 . . . and Fred Welfare, ORNL, scored a 48.313.

The next tournament is set for this weekend, Sunday, July 7 . . . at 1 p. m. at the Oak Ridge Sportsmen's Association.

All Carbide employees are invited. All it takes is an interest in shotgun shooting. Charlie Asmanes, extension 3-5089 or Fred Welfare, 3-5962, will supply additional information.

June Skeet Scores:

Firer	H'cap Score
T. Webber, Y-12	48.165
R. Powers, Y-12	43.268
L. Bray, Y-12	46.305
B. Ethridge, Y-12	47.440
F. Welfare, ORNL	48.313
R. Allstun, Y-12	49.614
W. H. Davy, K-25	48.786
W. Weathersby, Y-12	46.480
F. Patton, Y-12	47.469
J. Allison, K-25	48.080

Finished speakers seldom are.

Slides On Ceylon At Camera Club

"Ceylon—A Pilgrimage to Adams Peak," a color slide show with commentary will be presented by the Carbide Camera Club next Tuesday. The meeting will be held at 8 p.m., Tuesday, July 9, in the First United Presbyterian Church, Turnpike and Lafayette. The excellent slides are the work of Lt. Comdr. Richard Cleave, a surgeon in the British Royal Navy, and the program is sponsored by the Nikon Company.

In addition, member's contributions to the July competition, "Senior Citizens," will be judged.

POLYINTELLIGENCE

Polyethylene is a high tensile strength plastic used in hundreds of modern-day products. Examples: detergent and bleach bottles, milk and soft drink crates, sports accessories and stadium seats, man-made fabrics and coatings, piping and housewares, auto fender guards and formed boxes, toys, tote bins and wheelbarrows.

Tee-Off Time Application For Springbrook (Niota) Tournament

Saturday, July 20

Foursome

_____, Leader

Leader's office phone _____

Home phone _____

Tee-off Time Preferred _____

Fill out completely and return to the Recreation Office, Building 9704-2 Deadline for entering is 4:30 p.m. Wednesday, July 17. Tee-off times will be drawn the next day, Thursday, July 18 at 8:30 a.m.



THIS YOUNG LADY IS DRESSED almost like a nurse in an operating room because she is working on a Resistojet engine in a "clean room" where appliances which are to fly in space receive final preparation and packing. A preview of the space flight of the future will be given in "The 21st Century" episode, "Anatomy of a Shoot," set for Sunday, July 7, at 6 p.m., EDT, over the CBS-TV network. The program is carried locally by WBIR-TV, Channel 10, and sponsored by Union Carbide Corporation. The Resistojet engine, which is made by AVCO Corporation is only a foot long and weighs only six pounds, but it can propel a 1,000-pound scientific space craft once both are free of the earth's gravitation. It is used aboard NASA scientific satellites to maintain and correct their courses in space.

'Anatomy Of A Shoot' Details Space Action On 21st Century Program, July 7

What may foreshadow the twenty-first century exploration of the planets will be shown on "Anatomy of a Shoot," an episode of the "21st Century" to be broadcast Sunday, July 7 at 6 p.m. EDT in color on CBS Television Network. The program is carried in this area by Channel 10, WBIR-TV. CBS News Correspondent Walter Cronkite is principal reporter for the series, which is sponsored in the public interest by Union Carbide Corporation.

The program will show in detail the Surveyor 7 mission, part of the U. S. space program which is intended to land a man on the moon by 1970. The film was made in the Jet Propulsion Laboratory at Pasadena, California, and on the surface of the moon.

A lunar panorama built from some of the 21,000 photographs taken by the Surveyor spacecraft will be shown—an indication of what man will see when he himself stands on the moon. Also, viewers will see the moon vehicle taking samples of the moon's surface, as its robot claw digs trenches on the moon and Surveyor makes a chemical analysis of the material it has dug up.

Behind-the-scenes activities at the Jet Propulsion Laboratory, which may be the crude forerunner of future space control centers, will appear on the television screen. They will control by radio signals the operation of the moon vehicle a quarter of a million miles away. A staff of hundreds of technicians operate computers, tape recorders and radar to accomplish this feat.

"Anatomy of a Shoot" was written by Fred Warshofsky, science editor of the "21st Century." Isaac Kleinerman is producer of the series, and Burton Benjamin executive producer.

"Anatomy of a Shoot," Sunday, at 6 p.m. Channel 10.

Dr. Farnham

Continued from Page 1 science. His most important work has been in polymer science, in such areas of plastics as phenolic resins, high purity bisphenols, epoxy resins, rubber modified polystyrenes, and thermoplastic poly(aryl ethers) including Union Carbide's recently developed polysulfone plastic.

He is a graduate of Monmouth College where he received the degree of BS in 1937. He was awarded the degrees of MS in 1939 and PhD. in 1941 from the University of Iowa.

PLENTEOUS POLYETHYLENE

Polyethylene film is one of today's most versatile products. Over a billion pounds were used last year.

UT Staff Jobs To Some Carbiders

A number of employees of the Nuclear Division, Union Carbide Corporation, will be appointed to faculty and staff positions at the University of Tennessee, Knoxville, on a part-time basis under terms of an agreement between Union Carbide and the University.

In announcing the agreement with the University of Tennessee, Dr. C. E. Larson, president of the Nuclear Division, said, "The University of Tennessee, aware of the unique training and experience in scientific disciplines of certain employees in the Nuclear Division, has been anxious to appoint these employees to staff and faculty positions at the University."

"We at Union Carbide have always felt that significant mutual benefits result from close cooperation with the University, and we are pleased to allow certain staff members to accept part-time appointments," Dr. Larson added.

Under the terms of the agreement, Union Carbide will retain the appointees on its payroll. However, their regular work load will be reduced up to 20 per cent in order that they may work as members of the University faculty or staff.

None of the appointees will teach more than three quarters in any one year, or more than one course in any one quarter.

SW Point Teams Take Big Wins

Three big sweeping six-point wins were picked up last week in the Southwest Point Golf League.

The leaders Hamill-Plemons blasted Ludwig-East (subbing for White); the Trues tamed Groppe-Argo; and Pryson-Ellis took Goodwin-Tuell.

Mee-Wright trimmed five points at the expense of Garber-Huddleston.

Low score of the day was carded by Bill Hamill . . . scratch 39, handicap 35.

League standings follow:

Team	W	L
Hamill-Plemons	22	8
A. True-T. True	20	10
Pryson-Ellis	19	11
Mee-Wright	15	15
Ludwig-East	15	15
Groppe-Argo	14	16
Garber-Huddleston	8	22
Goodwin-Tuell	5	25

Case-Miller New Horseshoe Leaders

The Horseshoe League got new leaders last week as the Case-Miller team pulled into front, with a seven point win over Kendig-Raper.

Gray-Copeland took six from Wyatt-Hensley. The Durham-Bailey team pointed to a bigger win over Young-Holsopple, taking nine.

Reed-Stephens took six at the expense of Hutto-Tillery.

League standings follow:

Team	W	L
Case-Miller, ORNL	26	10
Gray-Copeland, ORNL	25	11
Durham-Bailey, ORNL	24	12
Reed-Stephens, Y-12	20	16
Kendig-Raper, Y-12	19	17
Wyatt-Hensley, Y-12	16	20
Hutto-Tillery, ORNL	11	25
Young-Holsopple, ORNL	3	33

Lever Will Speak At Statistics Lecture

W. E. Lever will speak at next week's lecture series on Statistics and Probability. His subject will be "Distribution-Free Tests." The lecture is set for Monday, July 8, at 9 a.m. in the Central Auditorium of ORNL's 4500 building.



UNION CARBIDE CORPORATION
NUCLEAR DIVISION
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RETURN REQUESTED
(Do Not Forward—Return Postage Guaranteed)



JAMES R. THORPE, ALPHA FIVE PROCESSING, retired early from Y-12 recently after serving more than 24 years in the plant. A Red Cross disaster worker, along with his wife, Thorpe plans to move to Florida to continue the work they have so long been interested in. Above he receives a congratulatory plaque from V. B. Gritzner, right.



FOR MORE THAN 24 YEARS of loyal service to Union Carbide Mary K. Fields is congratulated on her retirement last week from Y-12, by C. C. Bolling, left, maintenance services supervisor. Mrs. Fields worked in the Laundry all of her 24 years plus here. She retired to her Route 2, Harriman, home.

Badges Swap Extends To Next Wednesday

The Badge Exchange continues through next Wednesday, July 10. No old yellow-bordered badges will be honored after 11 p. m. of that date.

The new badges (solid blue) are in the self service racks of all portals-of-entry into the plant. If you have not picked up your badge yet, time's a-wasting!

Stealing Auto-Illegal As Well As Dangerous!

Stealing a car is not only illegal . . . it's dangerous, according to the National Safety Council.

A recent survey indicates that a substantial factor in the nation's accident toll comes from stolen vehicles. Nearly 17 per cent of all stolen cars surveyed became involved in accidents within a matter of days—sometimes within hours—after they were stolen.

Sirens In Y-12 Will Be Tested Sunday

A regularly scheduled siren test of alarm systems will take place Sunday, July 7, at 9 a.m. The quarterly tests include the attack warning (the wall of the siren, up and down for three minutes.) Sirens on Buildings 9201-3, 9996, 9204-4 and 9213 will be tested. The test will include the "Attack Warning" only.

Employees at work Sunday will not leave their work stations. Prior to the tests, a voice announcement will be made to personnel in Y-12 over the public address system.

SAVE THAT H₂O!

Progress in synthetic fiber technology and polymer chemistry is helping to develop economical methods of providing drinkable water from brackish or impure water sources — including sea water.



Ride wanted or will join car pool from Maryville, to North Portal, straight day. Curtis Lowe, plant phone 3-7009, home phone Maryville 983-4120.

Ride wanted from Norwood area, Clinton Highway, to East Portal, straight day. George Swicegood, home telephone Knoxville 688-2177.

Ride wanted from 354 East Village, Oak Ridge, to Biology or North Portal, straight day. Nancy Levey, plant phone 3-7266, home phone Oak Ridge 483-1501.

Ride wanted from entrance of Hardin Valley Road, to Central or West Portal, straight day. R. C. Burns, plant phone 3-5244, home phone Knoxville 588-3107.

Car pool members wanted from Norwood, Knoxville, to Central or North Portals, straight day. Eugene Keith, plant phone 3-5698, home phone Knoxville 689-2229.