

neighboring states to preserve all possible ties and (2) because Oklahoma would look more than a little ridiculous pulling out of a time-honored series in which it has just taken a beating at which some of its fans acted like hooligans.

He further states, "So how about letting all of us close our traps and leave the problem in such capable hands as those of President Cross, Walter Kraft, faculty representative, and Bud Wilkinson, acting athletic director, for the Sooners, not to mention Dr. T. S. Painter, Dr. John C. Kolley and Dana X. Bible of the Longhorns?"

On the other side, reasons stated in the resolution passed by the Executive Board of the University of Oklahoma Association for discontinuing the Dallas series were as follows:

(1) It is inconsistent with the policy of the Big Six Conference which wants all games on a home and home basis on the ground that such contests are primarily for the benefit of the students.

(2) The deplorable disturbances that occurred on October 11, 1947 at the Cotton Bowl, such as the throwing of coke bottles and the physical violence between the Dallas police force and other fans, has set the stage for even further and more serious disturbances in the future.

(3) With increased enrollment and more people going to the Dallas game, highway hazards are of greater concern.

(4) Control over students away from any University campus is not as effective.

(5) Dallas is unable to provide during the week of the State Fair adequate facilities for such a huge crowd.

(6) Further games in the Cotton Bowl will jeopardize the good relationship and fine sportsmanship that has always existed between the two schools.

A decision has not been handed down by President Cross as to what will be done about the situation. With so much at stake—both monetary and traditional—the facts are being weighed very carefully before a decision is made.

Faculty

Dorrance Museum Grows

Ancient perfume bottles, a naval dispensary flag, and Chinese bills have been added to the Dorrance museum of pharmacy.

The perfume bottles, some drug bottles and compacts were donated by Harry Scoufos, '43pharm, Okemah druggist.

Henry Phelps, Hempstead, Long Island, sent the hospital flag, which survived a hurricane on Curacao Island, N. W. I.

Norval Barber, pharmacy student, collected the Chinese money, which is of all colors, sizes and denominations.

The pharmacy museum is named in honor of the late Lemuel Dorrance, who in 1896 became the first graduate of the University and of the School of Pharmacy. His diploma and certificate of membership in the Oklahoma Territory Pharmaceutical Association in the museum, which at present is in the Pharmacy Building. They were given by his niece, Pearl I. Ables, Oklahoma City. Dorrance, after being graduated from O. U., established a mahogany forest and chocolate plantation in Central America.

Three Named to Health Staff

Of the ten new members appointed recently by the Board of Regents to the student health service staff three are O. U. alumni. They include:

Dr. Robert O. Ryan, '30ba, '35bs.med; Dr. T. A. Ragan, '32bs.med, '32med, and Dr. Delbert G. Willard, '27bs.med, '29med, parttime staff physicians.

Resignations accepted included: Dr. Jack Boatman, '39-'41, physician, and Lavada F. Jarboe, '42h.ec, clerical secretary.

President Cross Salutes . . .

In his regular weekly broadcast over University station WNAD (5 p. m. Monday) President George L. Cross salutes an outstanding O. U. faculty member or employe who has served the University for many years. The following excerpts are from recent broadcasts.

DR. ROY T. HOUSE

"One day last year a tall, scholarly-looking man put the cover on his typewriter, pushed back the papers on his desk, and settled down for a moment of relaxation. He had just written the editorial sign "30" to the copy for Volume 20, No. 4, of the publication which he had founded and over which he had presided for 20 years. But as he relaxed and reviewed the past, his mind already was busy with thoughts of the next issue . . .

"The man to whom I refer is Dr. Roy Temple House, a widely known and respected figure in literary and academic circle. The publication is *Books Abroad*, an international quarterly review which has attracted wide attention in distant lands while performing important services for scholars in this country.

"Roy Temple House was born on May 26, 1878, in Lexington, Nebraska. He attended grade school in Ohio. He received a Bachelor's degree from Miami University in 1900, and a Master's degree from the same institution in 1903. He studied at the University of Michigan and at the University of Montpellier in France. A Doctor's degree was conferred on him by the University of Chicago in 1917.

"Dr. House came to the University of Oklahoma in 1911 as professor of German . . . He had served as head of the Modern Languages Department of Oklahoma's Southwestern State Teachers College from 1905 to 1910. During the following year, he was a Prussian-American exchange teacher at Magdeburg, Germany. Returning to the United States, Professor House joined the modern languages staff at the University. He was made head of the modern languages department in 1918 and served in that capacity for 24 years.

"The eminence of Professor House as a scholar and a linguist has been recognized both here and abroad. He is a Chevalier of the French Legion of Honor, holder of the Belgian Medal of King Albert, a director of the American Institute in Prague, an honorary member of the Association of Belgian Journalists, a corresponding member of the Roumanian Academy, an honorary member of the Association of Latin-American Authors and Artists, a member of the International P.E.N. Club. He is a director of the Belgian-American Educational Foundation. Here in America he is connected with such learned and professional societies as Phi Beta Kappa, the Modern Language Association of America, the American Dialect Society, the Modern Humanities Research Association; and he has been listed in *Who's Who in America* for many years.

"In addition to his literary work as editor of *Books Abroad*, Professor House has written several books, translated numerous foreign plays, and contributed critical articles, book reviews, and translations to such periodicals as *The Nation*, the *New York Herald-Tribune*, *The American Historical Review*, the *World Book Encyclopedia*, the *Christian Century* and the *Saturday Review of Literature* . . . Perhaps no other man has done so much to focus the attention of the world on the University of Oklahoma.

"It is a real pleasure to salute the founder and editor of *Books Abroad*, a man who has given 37 years of service to the University of Oklahoma as a professor and as head of the department of modern languages—Dr. Roy Temple House."

DR. VICTOR H. KULP

"In the northeast corner of the law library is the office of one of the outstanding professors on the O. U. faculty . . . As you enter his office, whether you are a student or a United States Senator, you are met with a friendly smile, a courtly bow and a pleasant greeting. You are flattered by the attention you receive, yet you know this attention is the innate courtesy of the gentleman who bids you wel-



Dr. Victor Kulp, David R. Boyd professor of law, receives a copy of the script used by Dr. George L. Cross in one of the latter's broadcasts over WNAD. Dr. Kulp, who is national president of the Order of the Coif, was honored recently on Dr. Cross' program, "The President of O. U. Speaks."

come.

"A few minutes' conversation with Professor Victor H. Kulp will quickly show you why he is so respected by his colleagues and admired by his students. First acquaintances and casual observers sometimes think he is shy and reserved. But to those who know him well, he is a warm-hearted and highly interesting individual. His placid appearance and his benevolent personality result largely, I think, from the happiness and serenity of his home life. Professor and Mrs. Kulp are a devoted couple, wholly self-sufficient when necessary, within themselves.

"Victor Henry Kulp was born November 28, 1881, in Layden Township, Illinois. After graduation from Chicago High School in 1901, he attended the University of Chicago where he distinguished himself as a student. He is one of the few to receive the Doctor of Jurisprudence Degree Cum Laude.

"After graduation in 1908, he engaged in private practice of law in Chicago. He joined the O. U. faculty in 1911 as the fourth member of the staff. During his 36 years at O. U., he has served faithfully and demonstrated devoted loyalty to the institution. Professor Kulp has served as secretary of the law faculty almost from the beginning of his tenure. Over a period of 25 years he did not miss a single class on account of illness.

"Professor Kulp recently was elected national president of the Order of the Coif, the Phi Beta Kappa of the legal profession . . . He served as national vice-president of the Order for three years, and his elevation to the presidency occurred recently in Chicago.

"Professor Kulp is a member of Phi Kappa Sigma, the Masonic Lodge of Norman, the Oklahoma City Men's Dinner Club, the Faculty Club, the American Bar Association, Phi Delta Phi and Phi Beta Kappa. For many years, he has been listed in the *Biographical Encyclopedia of the World* and in *Who's Who in America*.

"Professor Kulp has long been noted for his prodigious work in keeping current in the subjects he is teaching . . . He is recognized as one of the leading national authorities on oil and gas law. The third edition of his *Casebook on Oil and Gas Law* recently was released by the West Publishing Company. Other books which he has written include *Digest of Oil and Gas Decisions* and *Casebook of Western Mining Law*.

"Professor Kulp's long and distinguished work at O. U. was fittingly recognized by the Board of Regents in 1946 when he was made David Ross Boyd professor of law. This is one of the greatest honors that can come to a member of our faculty . . ."

DR. JOHN F. BENDER

"The American people have always had a great deal of respect for a self made man. They have always admired individuals who achieve success and recognition in spite of adversity and in the face of heavy odds. You and I reflect that admiration when we use such expressions as 'he worked his way through school' or 'he pulled himself up by his bootstraps.' The man whom we are honoring this afternoon is just such an individual. The story of his struggle to obtain an education and of his rise to a position of eminence in his chosen profession is one that is wholly in keeping with our famed

American tradition—opportunity for all.

"John F. Bender was born November 24, 1879 in Kansas City, Missouri. He attended a rural grade school in Kansas. He worked on a farm during summers in order to earn sufficient funds to attend high school during the winters. On one occasion his education was delayed a year when a flash flood destroyed his potato crop. But despite these and other difficulties, he completed his high school work, taught two years in the rural schools of Kansas, and saved sufficient funds to attend the University of Kansas. With the help of a Fellowship, he completed work on his Bachelor of Arts degree in 1906. He received the Master of Arts in 1922, and the Doctor of Philosophy in 1927 from Columbia University.

"Professor Bender served as principal of the high school in Arkansas City, Kansas, and as superintendent of Schools in Arkansas City and Pittsburg, Kansas, before coming to the University of Oklahoma in 1926. His experience at the University has been one of continued growth, and he is now one of the state's foremost authorities on school administration.

"Professor Bender has given exceptional service to the University through his activities on a number of important University committees. He is a member of the Board of Delegates of the University College. He has served as a member of both the University Senate and the Graduate Council. He has been president of the University YMCA, and he has been a member of the Will Rogers Loan Fund Committee since its beginning . . .

"Professor Bender also is an author of distinction. He has written several authoritative books in the field of school administration, and his innumerable articles have been published by the leading professional journals. Professor Bender was elected a member of Phi Beta Kappa during his senior year at the University of Kansas.

"Dr. Bender is called upon by the school administrators of the state for advice and consultation. He has been especially effective in assisting local school leaders in analyzing their building needs and in planning their building programs. . . .

"On April 11, 1946, Professor Bender was given the title, David Ross Boyd Professor of Education. This, as you know, is one of the greatest honors that can come to a member of our faculty.

"It is a very real pleasure to salute Oklahoma's foremost authority on school administration, a man who has rendered invaluable service to the teaching profession and to the University of Oklahoma during his forty-seven years as a teacher and a scholar—Professor John Francis Bender."

A Scent for News

Dr. Ralph Bienfang, professor of pharmacy at the University and expert on the production of artificial odors, has added another strange odor to the list he has been asked to reproduce.

A coffee company in Zaandam, Holland, has requested him to produce a coffee odor which can be mixed with printer's ink, Bienfang said. The company plans to use the "coffee ink" in newspaper advertisements.

Bienfang's last odor order was for a beaver repellent for the Virginia state game commission.

The Drug Mill

By RALPH BIENFANG

It probably is of no great consequence but this column with the appearance of this issue becomes exactly ten years old, 32 years younger than the Drug Miller himself. Begun as bit reporting of things observed in various places, the column came to mirror sidelights on drugs and drug people. Finally, and particularly in the last few years, the philosophy of pharmacy has been creeping in.

Now that the smoke of enrollment has drifted away, statistics on pharmacy students are being assembled. This is the largest pharmacy student body ever assembled at O. U.

Phi Delta Chi, professional pharmacy fraternity, on Wednesday, October 1, initiated as new members, Jim Hastings, Broken Bow; Glenn Ball, Enid; Charles Corbett, Hutchinson, Kansas; Tom Chastain, Oklahoma City; Scotty Denson, Gilmer,

Texas; Melvin Bradley, Jefferson; Hansel Warren, Stuart; James Garner, Taylor, Arkansas; Stokes Baggett, Antlers, and Sam Cluck, Jr., Weleetka.

A U. S. Naval Hospital dispensary flag which outlasted a hurricane on the island of Curacao, N. W. I., has been presented to the Dorrance Pharmacy Museum by Henry Phelps, Hempstead, L. I. Marcus Cix, Tifton, Georgia, presented the Dorrance Museum with a 10-peso Japanese invasion note. Phm. Harry Scoufos, Okemah, has sent over to the Dorrance Museum, a number of ancient perfume bottles, cosmetic packages, and compacts.

Norval Barber has placed on deposit in the Dorrance Museum, a short snorter composed principally of Chinese bills. This particular short snorter, in bills of all denominations, sizes, and colors, is 45 feet long. Items of a pharmacy museum nature are still wanted for inclusion in the Dorrance Pharmacy Museum at O. U., military or civilian.

On September 24, Kappa Psi, professional pharmacy fraternity, took into its ranks as members, Robert Grantham, Memphis, Tennessee; John Burchette, Albany, Kentucky; George Xezonatos, Henryetta; Orville Avery, Norman; Leon Renfrow, Beaver; Michael O'Hara, Elk City; Thomas Lout, Louann, Arkansas; Lex Shelby, Norman; Robert Alexander, Charleston, Tennessee; Walter Leslie, Wayne; and Robert Hurd, Shawnee.

The pharmacy school touch football team has won both of its first two encounters from Baptist Student Center, 12-0, Lambda Chi Alpha, 6-0.

At a meeting of Drug Store Cowboys, pharmacy fun organization, held October 7, Durell Polytress, Chapel Hill, North Carolina, was elected foreman. This office corresponds with that of president in more sedate organizations.

Here's one that has been bothering the Drug Miller inasmuch as he is off to one side from the active practice of the profession of pharmacy. And maybe it could bother a practicing pharmacist, too, since no one pharmacy represents all that is possible in professional experience. Will it some day occur, or has it already happened that a surgeon (or nurse) would phone up and say, "Sutures for emergency appendectomy. Send out the necessary ones." Would that leave you hanging on the ropes, or are most pharmacies now able to handle that kind of request?

Radio Men Elect John Dunn

John W. Dunn, director of Radio Station WNAD-KOKU, has been elected vice-president of the National Association of Educational Broadcasters for the ensuing year after serving for past two years on the executive committee of that organization.

Mr. Dunn was elected to the position at the annual meeting held Oct. 25-27 in Chicago. He had originally been scheduled as one of the convention speakers, but shortly before the meeting was called

to Washington, D. C., on station business and was thus forced to cancel his talk. However, he was present for part of the convention.

The National Association of Educational Broadcasters is composed of 65 members representing educational radio stations throughout the nation. Mr. Dunn will center his attention during the coming year primarily on expansion of the organization. While a member of the executive committee he proposed a plan for expansion of the association which is currently in use.

Not Superman—Classes, Kids

No grade cards, no examinations, no class competitions, no marks for conduct—in fact, nothing but listening time is required of students who tune in on "Oklahoma's School of the Air" which is broadcast over WNAD, University of Oklahoma radio station.

"Tours in Science," a program directed by William Lutker, is given from 1 to 1:15 p. m. each Monday, while another program, "Art for All Children," produced by Mrs. Blanche Ratliff, is given the same time each Wednesday. Both instructors are in O. U.'s laboratory schools.

Since initial broadcasts in October, 1946, the two "School of the Air" programs have been on the regular class schedules of many elementary schools of the state with teachers using the bi-weekly broadcast to supplement classroom work. Through the broadcasts students in the fifth, sixth, seventh and eighth grades learn how art and science function in everyday life.

University Commended by Navy

On Navy Day, October 27, the University was reminded of its contribution to the fleet during the war. During a Navy Day broadcast over WNAD, Capt. E. W. Armentrout, commandant of the N.R.O.T.C. at the University, represented the Navy in presenting a Bronze Plaque of Commendation to the University of Oklahoma for its contribution to the fleet during hostilities.

Representing the University was President Cross. He accepted the award which commended the University for the "thorough and efficient manner in which it administered the Naval Reserve Officers Training Corps, the Navy V-12, and the Navy V-12 Medical Programs."

During the war the University trained more than 800 young officers for the Navy.

In accepting the award, President Cross commended the faculty for making the award possible. He gave special recognition to those branches which played the biggest role in the Navy program—Schools of Medicine, Engineering, and Business Administration.



Capt. E. W. Armentrout, Jr., commandant of the Navy's R.O.T.C. at the University, presents a "plaque of commendation" to President Cross, representing the University. The award to the University was for its "thorough and efficient" administration of Navy personnel on the campus. Others pictured here are, left to right, Dean William Carson of the School of Engineering; J. C. Mayfield, manager of the University book exchange, and Dean Arthur B. Adams of the College of Business Administration.

Nursing School Handicapped

Failure of the Board of Regents for Higher Education to appropriate sufficient funds for operation of University Hospital School of Nursing precluded hope of establishing a five-year collegiate nursing program and may result in further loss of key personnel, but will not affect the status of the University of Oklahoma School of Medicine in Oklahoma City.

This picture was seen recently after Kathryn Krammes, director of nursing; Florence N. Naske, director of nursing service, and Florence Nuehlhauser, education director and assistant to Miss Krammes, abandoned hope for the collegiate program and resigned.

Dr. J. P. Gray, dean of the Medical School, predicted further loss of key personnel in the Nursing and Medical Schools because of insufficient funds. This same prediction had been made to the Board of Regents several months ago when it slashed requested appropriations for the two units.

Dr. Gray's resignation is resting with the Regents. He plans to take private employment next month.

Dr. Gray requested \$68,560 to start the collegiate nursing program this year. The item was deleted by the Board of Regents.

He also requested \$438,540 for the Medical School this year, but Regents appropriated only \$291,000 for both purposes. They will receive approximately \$57,000 from fees and other miscellaneous sources, making a total of \$348,000 for both purposes against the \$507,100 requested.

The retrenchment program, as far as the School of Nursing is concerned, will not affect status of the Medical School, Dr. Gray said.

The two units operate as separate entities and abandonment of the Nursing School, should circumstances later demand, would not prevent the Medical School from becoming fully accredited if it meets necessary requirements.

The Medical School now is on probation with the crediting agency and will continue on that basis until requirements are met.

Likewise, the School of Nursing will continue to operate on the present three-year plan, but graduates will receive a diploma of achievement instead of Bachelor of Science degree which would have been possible under the proposed collegiate nursing program.

Dr. Paul Champlin, Enid, president of the state medical society, said the organization has not taken formal action on the collegiate program. He declined to comment upon its merits.

Tom Sexton, administrative assistant to the Board of Regents for Higher Education, said the Board appropriated all the money available for operation of the Medical and Nursing Schools when allocations were made early this year.

Medical Notes

Dr. Cleve Beller, '43med, resident in medicine at University Hospital, attended a meeting of the Biological and Medical Sciences section of the Atomic Energy Commission at the Brookhaven National Laboratory, New York, October 16-18. This meeting is called for the purpose of considering the uses of Radioactive isotopes. Dr. Beller participated in a panel discussion on "Research Opportunities."

Dr. John F. Hackler, '33med, professor of preventive medicine and public health, attended the annual meetings of the Conference of Professors of Preventive Medicine and the American Public Health Association in Atlantic City, New Jersey, October 6-10.

William P. Scarlett, '23med, is the health officer of Little Rock, Arkansas.

Dorothy Elizabeth Gore, '44med, became the bride of Clarence McCain McMurry, August 23, at Columbia, South Carolina.

Dr. John Berry Gilbert, '43med, is now practicing at Ponca City.

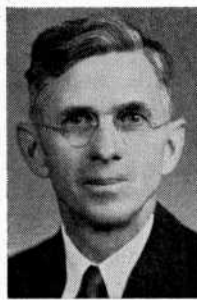
Dr. Earl I. Mulmed, '37med, is now located in Tulsa at the Braniff Building.

Lt. Col. A. H. Bungardt, '39med, resident in orthopedic surgery at the University Hospital, is also professor of military science and tactics at the Medical School.

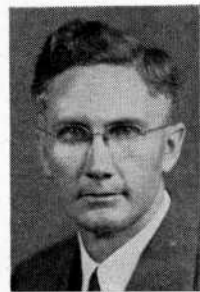
WNAD Personalities



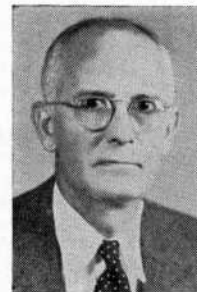
DR. SATTLER . . .
Current Issues



DR. RHYNE . . .
Social Resources



DR. HARDIN . . .
Forests, USA



DR. SAUNDERS . . .
Masters of Satire



DR. SELF . . .
Biology and Health



DR. SHUMAN . . .
Social Management

Doctors all, these members of the University faculty who were featured on WNAD programs throughout November.

Dr. William M. Sattler, associate professor of speech, was in charge of the Monday afternoon student forum broadcasts, consisting of a series of panel discussions designed to point out determining factors in the solution of current world problems.

Discussing "The Adult Delinquent," Dr. J. J. Rhyne, director of the School of Social Work, appeared on the Thursday morning "Oklahoma Social Resources" program.

Conductor of a series of four programs dealing with "Trees for Tomorrow" was Dr. Robert A. Hardin, chairman of the department of industrial education.

"Masters of Satire" were discussed by Dr. A. M. Saunders, assistant professor of English, whose series was to acquaint the WNAD listeners with the chief literary masters of the western world and their works of satire.

Dr. Ronald B. Shuman was in charge of the "Management in Society" programs presented to refresh an imagination and sense of historical perspective regarding man's efforts to organize and manage his affairs down through the years. Dr. Shuman is chairman of the department of business management.

Dr. J. Teague Self, chairman of the department of zoological sciences and an associate professor of zoological sciences, presented two programs dealing with "Biology and Your Health" from the zoologist's viewpoint.

Faculty

Dr. Leo F. Cain has resigned as professor of education at the University to accept a similar position at California State College, San Francisco. A specialist in education of exceptional children, Dr. Cain had been at Norman since June, 1946.

Dr. Laurence H. Snyder, graduate dean at the University, has been named by Dr. Thomas Parran, surgeon general of the U. S. public health service, as chairman of a board to designate the various anti-Rh serums to be licensed for international distribution. At a meeting in Washington, D. C., October 21 and 22, Dr. Snyder as a nationally-known authority on genetics, headed the board of inquiry. Board members listened to evidence submitted by clinicians and geneticists. Before the serums are manufactured and used all over the world, Snyder's committee must recommend the exact words to be used on the labels.

Dr. Garold D. Holstine, director of University laboratory schools, has received notification of his appointment to the Oklahoma executive committee of the National Association for Supervision and Curriculum Development.

An exhibition of non-objective oil and water color paintings by James W. Fitzgibbon, assistant professor of architecture at the University, and his wife, Margaret Fitzgibbon, was displayed recently in the galleries of the O. U. School of Architecture on the North Campus.

Barbara Bennett, who served on the drama department faculty for two years, recently appeared in *Hotel Universe* at the National Theater conference tryout studio in New York City. A graduate of the Yale drama school and Stephens college, Miss Bennett has specialized in lighting as well as acting.

Dr. Cortez A. M. Ewing, University of Oklahoma government professor, is the author of "The State Governor in the South," which will be published in an early edition of the *Journal of Politics*. The article is one of 12 on the subject, "The Southern Political Scene 1938-48."

Dr. A. E. Joyal, dean of the College of Education, returned recently from a meeting of the American Educational Research Association editorial board in Washington, D. C. Dean Joyal has been a member of the board for five years and is associate editor of the organization's *Review of Educational Research*.

Dr. Kester Svendsen, associate professor of English, has been appointed to three new positions. Besides being appointed a director of the United States Chess federation, he has been made contributing editor to the *Southwestern Journal* published at Langston University and has been named a member of the committee on radio, Oklahoma Council of Teachers of English.

Dr. A. E. Joyal, dean of the College of Education, and Dr. Garold D. Holstine, director of the University laboratory schools, are co-authors of an article dealing with the University laboratory schools published in the October issue of *The Nations Schools*. Dr. Holstine has also written an article entitled "Audio-Visual Materials in Teacher Education" which appears in the October issue of *Film and Radio Guide*.

Dr. E. E. Dale is still digging up stories about Indians and the early west. The western authority, who is director of the Phillips historical collection at the University of Oklahoma, has written an article, "The Cherokees in the Confederacy," which appeared in *The Journal of Southern History*. Dr. Dale describes events that led to the Cherokees' alignment with the southern states and the tribe's role in the war.

Research Institute Panels Show Science in Transition

With the recent installation of two decorative panels at the main entrance to the Research Institute Building now under construction, the huge four story structure seemed to grow much nearer completion.

Since January workmen have worked feverishly to speed the occupancy date of the building which will house laboratories for physics research and

additional rooms for research in other fields. Even before the Research Institute was incorporated on March 29, 1941, many projects were being carried on in various fields at the University. Research on many of these projects was done in small, dark, inadequately equipped rooms. For such work the new ultra-modern building will not be completed too soon.

The recently installed panels, which adorn the walls immediately inside the main north entrance to the building, depict science in transition from the Stone Age to the present time.

From a corner of each of the two panels, sun rays radiate to opposite sides of the panel. Between these rays, characters who have figured in the development of science are depicted.

First of these characters is Homo, a prehistoric man during the stone age, who is shown admiring a crude hammer he fashioned with his own hands. Next in transition is Euclid displaying geometrical figures. Then Archimedes emerging an article in water. A lever lifting a rock is shown nearby.

Fourth in transition is Galileo. With him began what is called modern science. On the panel he is shown experimenting with his theory that two bodies, regardless of size, fall at identical accelerations. Behind him is depicted the Leaning Tower of Pisa, from which his experiments were conducted. Newton is fifth and last on the first panel. Being the first person to use a prism to break light up into its many colors, Newton is appropriately shown examining a prism.

Adorning the west wall of the entrance to the building, the second panel continues the transition. Faraday, accredited for discovering electromagnetic induction in 1831, is first on the panel. Following is Pasteur, who discovered that diseases are due to action of microscopic living organisms. Third is

Madame Curie, who with her husband first isolated radium around the turn of the 20th century.

The last scene in transition is very much up-to-date. Two scientists are depicted working on atomic energy piles. Also shown is a neutron entering a Uranium 235 atom, which breaks to pieces into three more neutrons, an atom of Krypton and an atom of Barium, with atomic energy being released.

The panels were created by Louis Terebesy, noted Tulsa architectural sculptor, who has decorated some of the most beautiful buildings in the nation. The designs for the panels were decided upon after six-months of correspondence between Dr. William Schriever, director of the School of Engineering Physics, and the sculptor. Dr. Schriever has been very active in the physical planning of the building.

While exact dates of construction completion is unknown, Dr. Lloyd E. Swearingen, professor of chemistry and director of the institute, expects to start moving offices and equipment into the new building by February, 1948. Appropriate ceremonies of dedication will be made after occupation.

At present Dr. Swearingen is surveying projects being carried out at the University to determine their value for future research by the institute. Operated on a non-profit basis, the institute's aim is to make the University's research facilities and faculty talent available to state industries and organizations.

A joint project for the Navy is the biggest job being undertaken by the institute at this time. The project, being carried on with the chemistry division of the Naval Research Laboratory, Washington, D. C., is to obtain information on the structure of molecules.

At present the research is being done in the

spectrographic laboratories of the department of physics, which has some of the best spectrographic equipment in the world. Upon completion of the Research Institute Building, however, the project will be moved there.

Among major instruments used in this project are a three-prism infrared spectrograph built in 1943 by the University physics department for the Naval Research Laboratory, and the recently installed Ray Control Raman Spectrograph.

Personnel of the Navy project staff include Dr. J. Rud Nielsen, research professor of physics at the University; Howard H. Claassen, '43ms, research physicist with Phillips Petroleum Company, Bartlesville; Russell L. Hudson, '47ms, who has completed two years of work in chemical spectroscopy at Oak Ridge, Tennessee, and Langdon H. Berryman, '46ba, University graduate student.

Nielsen is internationally known as a research physicist and is a specialist in the spectroscopic field. The work he and the others are doing is not new at the University. Research in Raman spectroscopy has been carried out at the University since 1929, and research in infrared spectroscopy since 1940. Results of present research for the Navy are expected to be of value to the whole field of science.

Co-operating with Director Swearingen in managing the affairs of the institute is the Research Institute executive committee. Members are Earle S. Porter, '11ba, '12ma, Tulsa, vice-president of Amerada Petroleum Corporation, and institute president; G. G. Oberfell, Bartlesville, director of research for Phillips Petroleum; Dr. George L. Cross, president of the University; Dr. J. Rud Nielsen, O. U. research professor of physics, and R. J. Dot, director of the Oklahoma Geological Survey. A. D. Stoddard, Duncan, president of Sooner Wells Service Company, is vice-president of the institute.



Louis Terebesy, noted Tulsa architectural sculpture, looks over his work on a clay mold from which one of the panels for O. U.'s new Research Building was cast.