

THE
SCAS
Clipboard

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'WHAT'S IN A NAME?'

"'Science Research Center' (SRC) is the new abbreviated name of the Graduate Research Center of the Southwest," says Ralph N. Stohl, GRCSW vice president for administration.

"Actually, the idea is that the short version of the title of the institution will be SRC -- and this particularly refers to the campus," Mr. Stohl continues.

"We felt -- for press and development purposes, for literature, publications, and the like -- that we needed a shorter name," he adds.

Graduate Research Center of the Southwest will still be the name of the corporate entity which includes the Southwest Center for Advanced Studies and the Institute for Graduate Education and Research.

"It must be kept in mind," Mr. Stohl concludes, "that the new abbreviated name in no way changes nor modifies the basic purpose for which the entity was created: To meet the challenge posed by the science of today -- the science which, in the words of Dr. Lloyd Berkner, GRCSW president, has created a new source of wealth...innovation derived from science and technology -- created by brainpower."

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For the month of January 1963 alone -- "Five Million Minutes" has been shown seven times, while the "road show" (panels, slides, models, etc., with speeches) has made four appearances.

GRCSW 'ON THE ROAD'

February 1, noon -- White Rock Rotary Club -- A. T. Mitchell "Status Report on SRC" -- Talk plus slides

February 1, 7 p.m. -- Scottish Rite Ass'n, Richardson -- Film

February 4, Monday -- AAUW, Sherman, Texas -- A. T. Mitchell -- Talk plus slides

February 12, Tuesday -- Chamber of Commerce, McKinney, Texas; Annual Meeting -- A. T. Mitchell and Brad Lear -- Film plus Q and A

February 13, Wednesday -- Kimball High School faculty -- A. T. Mitchell -- Film plus Q and A

February 13, noon -- Town North Civitan Club -- Sammy's Oaklawn -- A. T. Mitchell -- Film plus Q and A

February 15, Friday -- Park Cities Lions Club -- A. T. Mitchell -- Film plus Q and A

February 19, Tuesday -- Highland Park Lions Club -- A. T. Mitchell -- Talk plus slides

February 21, noon -- American Marketing Ass'n -- Sammy's Oaklawn -- A. T. Mitchell and T. R. Brannen

February 26, Tuesday -- IEEE, Dallas Section -- Dr. Berkner, Dr. Johnson, Dr. Hales, Mr. Seay -- plus film

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Dr. Kenneth G. McCracken -- Part one of his biography on page 2.

DR. KENNETH GORDON McCracken

"Best thing that ever happened to me was physics," says Professor Kenneth G. McCracken, SCAS cosmic ray physicist. Other authoritative comment, however, is that actually it's the other way around: Best thing that ever happened to physics was Kenneth G. McCracken.

Assistant professor in the department of physics, and the laboratory for nuclear sciences of Massachusetts Institute of Technology, was the post held by Dr. McCracken when he joined SCAS last September.

Now a full professor in the SCAS Atmospheric and Space Sciences division, where he is concerned chiefly with the study of cosmic rays and the physics of the solar system, Dr. McCracken came to MIT from Tasmania. He earned the Ph.D. in 1959 at the University of Tasmania in Hobart, capital of the island state of the Commonwealth of Australia; Dr. McCracken was born in Brisbane, Queensland, Australia.

Chemistry first attracted the young scientist: "It's such a spectacular science to a boy," he says. "It began to pall as soon as I got into organic chemistry." He was about 18 when he decided he was interested in physics.

Commenting on the difference in work involved in earning the Ph.D. in the United States and in Tasmania, he noted that the degree granted there was largely a research degree, without the emphasis on course work which is evident in the United States. He received his B.A. degree in 1953 and started his research for the Ph.D. in 1954.

Even before he had received his Ph.D. in Tasmania, recognition of Dr. McCracken's work had earned him an appointment as research associate at MIT.

McCracken (continued)

Professor McCracken and the former Gillian Filby are the parents of two daughters -- Ruth, 3, born in Boston, and Helen, one, born in Australia when the McCrackens made a few months' visit back there in 1961.

"We were married about a week before my Ph.D. was granted," he recalls, "it seems my wife wanted to marry a 'Mr.' instead of a 'Dr.'" A few weeks after their marriage they left for the USA.

During his relatively short residence in this country, Dr. McCracken has been sent to three important international conferences as a delegate representing the USA: To Helsinki, Finland for the meeting of the International Union of Geodesy and Geophysics in 1960; to Florence, Italy for the meeting of the Committee on Space Research, 1961, and to Kyoto, Japan for the International Conference on Cosmic Ray Physics in 1961.
(Continued next week).

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ADVISORY COUNCIL (from last week)

(Two names to be added in their alphabetical order to previous list: D. Harold Byrd and J. L. Latimer).

O'Donnell, Peter, Jr., Investments, Dallas

Overton, W. W., Jr., President and Chairman of the Board, Texas Bank and Trust Co., Dallas

Potter, Lester T., President, Lone Star Gas Co., Dallas

Redfern, John J., Jr., Redfern Development Corp., Midland

Robertson, Elgin B., President, Elgin Robertson, Inc., Dallas

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CALENDAR OF WEEKLY SCIENTIFIC EVENTS

- January 31 North Texas Section of the American Nuclear Society: Dr. C. W. Tittle, Professor of Engineering at SMU -- "Nuclear Geophysics in Russia and Poland" -- 8 p. m., Caruth Engineering Building, SMU
- January 31 Nuclear Engineering Seminar: "Corrosion in Liquid Metal Cooled Reactors" -- Dr. J. R. Weeks. Brookhaven National Laboratory -- 11 a.m., Physics Seminar Room
- January 31 Society of Petroleum Engineers of AIME -- "U. S. Oil Reserves" -- Dr. Morris Muskat, distinguished lecturer for SPE of AIME, 5:30 p.m., B & B Restaurant, Dallas
- February 1 American Society for Metals, North Texas Chapter: Harry Kessler, Mehanite Metal Corp. (Also well known boxing referee) -- "Manufacturing Jetomic Irons," and "Rah of the Crowd" (sound film of Marciano-Moore fight) 7 p. m., Western Hills Inn, Dallas
- February 1 Petroleum Engineers Club of Dallas - Luncheon meeting. White Plaza Hotel, 11:45 a.m.
- February 1 Abstract deadline -- Mass Spectrometry and Allied Topics, 11th Annual Conference (May 19-24, San Francisco.)
- February 1 M. Kac of the Rockefeller Institute -- "Statistical Mechanics of One-dimensional Systems" -- Johns Hopkins Applied Physics Laboratory -- 3:30 p.m.
- February 5 American Ordnance Association, Los Angeles Chapter -- "Weapons Systems Management" -- speaker from Department of Defense, Los Angeles
- February 6 SCAS Seminar -- Dr. Alexander J. Dessler -- "Geomagnetic Storms and Transient Variations" 8:30 a.m., Seminar Room, 3rd floor, SIC Building, SMU



ART DEMONSTRATION

DALLAS -- Prominent New York artist Philip G. Shumaker will present a lecture-demonstration on marine-seascape painting in oils at Highland Park Town Hall, 4700 Drexel Drive on February 8 at 7:30 p. m. Admission charged.

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ORGANIST WITH SYMPHONY

On February 5 the American Guild of Organists will sponsor an organ program with Virgil Fox and the entire Dallas Symphony Orchestra at the Park Cities Baptist Church..

"The organ is in truth the most daring, the most magnificent of all instruments invented by human genius... Surely it is in some sort of pedestal on which the soul poises for a flight forth into space...to cross the Infinite that separates heaven from earth."

-- Balzac.

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NEW MUSIC HALL FOR DALLAS?

February issue of "Show", The Magazine of the Arts, carries an article entitled: "Deep in the Art of Texas," which says -- "...men like Erik Jonsson...who is currently blue-printing plans for a new music hall."

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AP^m AT SEARS, ROEBUCK

Since being retained by Sears as art collector, Vincent Price has bought 2,700 paintings for them -- ranging from Picasso to original works of American college students.

A LITTLE KNOWLEDGE

Русский Урок

Russian nouns are of three genders: masculine, feminine and neuter. These are distinguished by gender endings.

Gender endings are easily remembered as soon as one knows the personal pronouns of the 3rd person singular:

ОН - he; ОНА - she; ОНО - it

ОН, or he, e.g., nouns which have a consonant as their last sound, are masculine.

ОНА or she, e.g., nouns ending in -a are feminine.

ОНО or it, e.g., all nouns ending in -o are neuter.

ОНИ means "they", thus the ending **И** is used as the principal ending for the plural.

In Russian gender endings are very important, since adjectives in Russian always agree with the noun in gender and number.

Vocabulary:

- КТО** - who
- ЧТО** - what, that
- ТОТ** - that (adj.)(m.)
- ТА** - that (f.)
- ТО** - that (m.)
- ГДЕ** - where
- ТУТ** - here