A ‘striking’ similarity

Rattlesnakes in lab could replace guinea pigs

Sixty captive rattlesnakes destined to science are helping an environmental health expert in the School of Public Health trace the development of a parasitic worm disease commonly found in animals and sometimes in man.

In addition to the worm’s life cycle, through this and related studies with the snakes, Elmer A. Widmer, PhD, radiologist and chairman of the School of Public Health department of environmental health, has made another discovery which may be useful to future medical research in general—that rattlesnakes may serve as superior laboratory animals for a number of human diseases, such as cancer, leprosy, and multiple sclerosis.

The reason is that in the laboratory a medical scientist needs animals vulnerable to disease, in order to find out how to cure them. Snakes, because they are cold-blooded, don’t have the same immune rejection phenomena—that is, immunity to disease—as warm-blooded creatures.

They also require less feeding than rats or other laboratory animals. A mouse over two weeks will suffice to maintain a rattlesnake, if his cage is kept at ordinary room temperature. (If the temperature is higher, the snake will probably be hungry; but if the temperature is lower, he could be fed less than once in two weeks.)

Another reason for using rattlesnakes in the laboratory is that, in this area, within an easy drive of the desert, they are easier to find in large numbers than are other, non-venomous snakes.

However, they do make some more noises. In Dr. Widmer’s laboratory, they respond to his visits in unison, each snake raising its head within the glass enclosures, each black, forked tongue flickering out at the same time, and all 60 tails rattling away in a steady rattle of the organ drum corps.

Another discovery in part in worm diseases, Dr. Widmer reports, is that of the larval (saprotera) is carried from one host to another. As it grows to adulthood, with the snakes playing a major role, in the current issue of the Journal of Wildlife Diseases. In an earlier study of the Physaloptera, he found that the rattle snakes serve as collector hosts; they pick up the parasites in a larval form, probably through

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University welcomes visiting students in physical therapy

Nearly 150 physical therapy students from four schools in southern California will visit the Loma Linda campus of the University on Sunday, April 26, according to Elizabeth Rogers, instructor in physical therapy.

The students, members of the American Physical Therapy Association of Southern California, are from the University of Southern California, Los Angeles; California State College, Long Beach; San Fernando Valley State College, San Fernando; and Children’s Hospital, Los Angeles.

While here, they will tour University Hospital, particularly the physical medicine section, the School of Health Related Professions in Nicholas Hall, and the anatomy and embryology laboratories. After lunch, physical recreation sports and games are planned.

The five schools involved, including Loma Linda University, send two representatives from each school to a periodic meeting in Los Angeles. At such a meeting, students from other schools express an interest in visiting Loma Linda University.

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Three SD faculty members are elected to national posts

Three School of Dentistry professors were named as officers of the American Association of Dental Schools at their recent meeting in Orlando.

Charles T. Smith, DDS, dean of the School of Dentistry, was elected vice president of the association’s Council of Deans. Betty J. Conover, assistant professor of the dental assisting curriculum, was chosen chief of the dental assisting section on dental assisting. And Edwin F. Shryock, DDS, assistant professor of restorative dentistry, was named chief of the dental anatomy and occlusion section.

Dr. Smith’s election to the deans’ council automatically puts him on the executive committee of the American Association of Dental Schools.

During World War II, Dr. Reischauer worked in the war department for a year, then in the United States Army from 1943-45, emerging as a lieutenant-colonel at the end of the war.

Dr. Reischauer was professor of Japanese history at Harvard University from 1850 until his appointment as ambassador to Japan.

Dr. Reischauer served as the American ambassador to Japan from 1961-1966 as an appointee of former President John F. Kennedy. Since then, he has

University welcomes visiting students in physical therapy

Former United States ambassador to Japan Edwin C. Reischauer, PhD, is scheduled to speak on Thursday, May 7, in Hole Memorial Auditorium on the La Sierra campus at 8 p.m. for the Loma Linda University Lecture Series.

Technicians receiving injections into blood vessels for easier visualization by physicians studying x-rays.

Dr. Judkins presented three talks and took part in a panel discussion during the three-day seminar.
New language-learning method is described

A new way to learn a foreign language, faster and more directly than the methods in use up to now, was described in Los Angeles by a Loma Linda Dr. Kunihira developed with James J. Asher, PhD, of San Jose State College psychology in the School of Educational Research, said...
Yesterday was designated "Earth Day" across the nation, a peaceful protest against all forms of world pollution. In Loma Linda, Robert E. Cleveland, PhD, vice president for academic affairs, key-noted the local "Earth Day" proceedings in an address to nearly 100 people in Fellowship Hall.

Capping the ceremonies, 1,001 helium-filled balloons were released from the lawn opposite Prince Hall to demonstrate the scattering effect of pollution particles in the atmosphere.
Six OT graduates pass registration examination

Six graduates of the School of Health Related Professions, degree class of 1969, passed the preliminary registration examination of the American Occupational Therapy Association January 16. Following the registration test, were Judith L. Long, now working at Redding Rehabilitation Center, Redding, Pennsylvania; Steven T. Nakamura, supervisor of occupational therapy at Harter Hosptal, San Pedro; Ker- ren C. Brown, student therapist at Sunrise School, Riverside; Dorothy L. Hapgood, work- ing in clinical and special service at the Orange County Medical Center, Santa Ana; Jutta J. Jansma; and Jutta A. Eltmann.

Visiting students

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University, says Miss Rogers. Established in 1941, the department of physical therapy at Loma Linda University was consolidated into the School of Health Related Professions in 1969. In 1978, the school plans to combine the curricula of separate bachelor's degree programs initiated in the University of California at Los Angeles and the school, programs are admin- istered by the School of Health Related Professions. For more information, contact Dr. Lina Gutierrez, Director of Continuing Education.

Healing hands touch clinic

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Rattlesnakes

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**OUR MONTHLY SPECIALS FOR MAY 1970**

Come any time and purchase these specials, in addition to our regular weekly specials. Shop and save all month at Loma Linda Market.

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<th>Baked Good</th>
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**LOMA LINDA MARKET**

Andersen at Prospect

SUNDAY — THURSDAY 8 TO 8
FRIDAY — 8 TO 6

**OUR BAKERY USES ONLY QUALITY INGREDIENTS, WITHOUT PRESERVATIVES AND ONLY UNBLEACHED FLOUR IN OUR PRODUCTS.**

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**OUR NATURAL FOOD DEPARTMENT FEATURES QUALITY DRIED FRUITS, NUTS, WHOLE GRAINS AND STONE GROUND FLOORS.**

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**PLEASE NOTE** — All products that we carry have been carefully screened so that you do not have to read labels to be sure that they do not contain objectionable products, such as lard, animal gelatins, etc.