

## Big Steps Taken In Fight Against Deadly Diseases

By DELOS SMITH  
PASADENA, Calif., April 22 (AP)—Two big scientific steps have been taken which could possibly lead to elimination of cancer, and other uncontrollable diseases, and perhaps stretch the life span indefinitely.

The steps were toward understanding of how nature makes a protein molecule.

All life walks a kind of tight wire of proteins which are constantly being built in bodies and plants and, just as constantly, being torn down. In youth the building up predominates; in age, the tearing down process has the upper hand.

### Study Hormones

The men who have worked to understand this process are Dr. Henry Borsook and Dr. James Bonner of the California Institute of Technology.

Bonner has specialized in determining how hormones work in initiating and controlling the vital chemical processes of man, animals, and plants.

Borsook, Cal Tech's professor of biochemistry, disclosed that he and his associates have an understanding of two of three stimulating forces in the building up process of proteins and have promising clues to the identity of the third and how it works.

### Three Forces Found

The first of the three forces, they have found, are certain amino acids, long identified as "the building blocks" from which proteins are made. The second is the result of the body's chemical breakdown of carbohydrates, such as sugar, which provides the fuel for making protein. The third is made up of exceedingly potent substances found in blood, liver, spleen, and presumably in all other life. They also have evidence of yet another substance, one which slows the making of protein in the same manner nature makes it, so protein-making won't get out of hand.

## Fight Colds

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## Donation to Aid Crippled Persons



The Deschutes county chapter for the Oregon Society for Crippled Children and Adults, Inc., took another step toward realization of the 1953 goal, when the Bend Rotama club presented a check for \$249.66. In the picture above, Miss Irene Dufek, club treasurer, is giving the check to Nelson L. Leland, treasurer for the Deschutes county group, as Mrs. Earl Amick, county chapter chairman, looks on. The money represents proceeds from the spring opening style show which the club sponsors.

## Young People Plan Program

A program of fun and fellowship will be presented by the young people of First Christian church tonight at 8 o'clock, in the church social room. The program is open to the public, without admission charge, and a silver offering will be received for the young people's summer camp fund.

Preceding the program, members of the First Christian church's basketball team, winners in the church league tournament, will be guests of honor, with their parents, at a church dinner. Louis Mitchell, who coached the team, and Art Nickel, who was manager, are in charge.

The program which will follow is under the direction of Mrs. A. L. Stearns. There will be skits, pantomimes, readings, vocal and instrumental numbers and varied specialties. Among the entertainers will be Grace Huettl, Judy Bowlius, Jackie Bowlius, Garry Gettmann, Carol Ann Turner, Karen Ann Gregg, and Sally Stearns. There will be skits by various departments of the Sunday school, with Mel O'Day, Mrs. Leslie B. Kribs and Howard Besson as directors of their respective groups.

Paper bags made their first appearance early in the 19th Century when grocers started rolling sheets of paper into the shape of a funnel.

## Library Reports Of New Books

"Caravan to Xanadu," a fiction account of Marco Polo's travels by former Oregonian Edison Marshall, is among the new books on display this week at the Deschutes county library. Other new fiction to be placed in circulation next Monday includes "The Blushing Monkey," by Roman McDougald, "Stay Away Joe," by Dan Cushman, "Seed of Mischief," by Willa Gibbs, "Mists of Dawn," by Chad Oliver, science-fiction; "To Follow a Flag," by Will Henry; "The Heart Alone," by George Howe; and "The Daughter of Bugle Ann," by MacKinlay Kantor.

"Non-fiction" Paper Dolls—a Guide to Costume," by Clara H. Fawcett; "Freedom and Public Education," edited by Ernest O. Melby and Morton Pomeroy; "Shopping All Over the World," by Helen E. Yates; "Teach Your Wife to Be a Widow," by Donald I. Rogers; "Stage Make-up," by Yoti Lane; "Selected Wood Turning Projects," edited by Milton Gunerman; and "The Practical Horse Keeper," by George H. Conn.

## Tom Niebergall OSC Candidate For Scholarship

OREGON STATE COLLEGE, Corvallis, April 22—Tom Niebergall, air force ROTC junior from Bend was named as Oregon State college's candidate for the \$300 national Scabbard and Blade scholarship, Capt. J. M. Borgerson, associate professor of air science and tactics at OSC announced recently.

Candidates are selected from junior army, navy and air force members of each Scabbard and Blade company throughout the nation on the basis of leadership, scholarship and participation in campus activities.

Scabbard and Blade is a national honor society for advanced ROTC students.

Niebergall, son of Mr. and Mrs. A. T. Niebergall, Sr., 124 Drake Rd., Bend, will represent "G" company, 2nd regiment. He is enrolled in business and technology.

NOTICE IS HEREBY GIVEN that the Board of Directors of Arnold Irrigation District has heretofore prepared an assessment to be levied against each irrigable acre within the District, to raise funds for the operation and maintenance and other purposes for 1953-1954. The Board will meet as an equalization board in its office at Bend, Oregon, at eight o'clock of the evening of Tuesday, the 5th day of May, 1953, for the purpose of holding a public hearing thereon and to make any corrections that may be necessary and to adopt a budget for the years 1953-'54. All persons interested are invited to be present.

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By: J. F. Arnold, Secretary  
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## Corporations Set All-Time High in U. S.

NEW YORK, April 22 (AP)—American industry rounded out an unprecedented decade of expansion in 1952 with a record number of billion-dollar corporations, a United Press survey showed today.

The list of billionaire enterprises has more than doubled in the past 11 years of hot and cold wars, huge expansion programs, record consumer expenditures and waves of inflation.

Six business giants joined the "Billion dollar club" in 1952 alone, bringing membership in the mythical fraternity to a new peak of 66. Closely paralleling the growth of the nation's economy, aggregate 1952 assets of these 66 firms hit a new all-time high of \$174,318,786,952.

### War Growth

Since the time of Pearl Harbor, Dec. 7, 1941, 34 companies have joined the exclusive fraternity of American industry. Between 1929 and 1941, only 12 companies joined the club.

The oil industry is a good example of the tremendous growth of business since the start of World War II. There now are eight oil firms with assets of \$1,000,000,000 or more each, against only two at the time of Pearl Harbor.

Two oil companies joined the select ranks in 1952, Sinclair Oil Corp. and Cities Service Co. The latter rejoined the club after a nine-year hiatus. It fell out in 1943 when a change in accounting procedure sharply reduced its assets. The growth of Sinclair in the past 11 years has been remarkable. Its assets increased from \$374,207,375 in 1941 to \$484,742,722 in 1946 and to a new high of \$1,035,307,940 in 1952.

### LEAVE ENDS

REDMOND, April 23 — Pvt. Paul R. Johnston, son of Mr. and Mrs. E. E. Johnston of Redmond, has returned to Ft. Belvoir, Va., where he is stationed with the corps of engineers of the U. S. Army, following a week's leave spent with his parents, and his brother George, a student at the University of Oregon, in Eugene. He is taking technical training at Ft. Belvoir.

## FINES REPORTED

William C. Mootry, Worden, Ore., was fined \$15 in the local justice court for passing a school bus while it was unloading passengers. Richard W. Weber, driver for United Transportation Equipment Co., Redwood City, Calif., was fined \$14.50 for operating a vehicle in excess of length limits. Lee R. Carpenter, 1406 Roosevelt, Bend, was fined \$9.50 for truck speeding. Lloyd L. Dodenhoff, Sisters, was fined \$10 for operating a vehicle in excess of weight limits. Richard S. Wye, Redmond, was fined \$9.50 for having no motor vehicle license.

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## TOWER STARTS TONIGHT!



## BACK FROM MEETING

PRINEVILLE, April 22—Vondis E. Miller, supervisor of the Ochoco national forest, and Barney Durbrow of the staff of the Ochoco ranger station, were back on home

tasks yesterday after attending the annual meeting in Portland of the Columbia river chapter of the Association of American Foresters.

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## Miss Haver Among Novitiates Who Greet Cardinal

XAVIER, Kan., April 22 (AP)—June Haver, who abandoned her career as a movie actress to enter a convent here 10 weeks ago, was one of 67 novitiates of the Sisters of Charity, who greeted Francis Cardinal Spellman here yesterday.

The Cardinal, paid a two-hour visit to St. Mary's College and the Sisters' Mother House.

Mother Superior Mary Ancilla said Miss Haver was presented to Cardinal Spellman "exactly like all the other novitiates."

"She wasn't singled out in any way," she said.

It was Miss Haver's first public appearance since she entered the convent. Students at the college said she "looked very different," and appeared to have gained weight.

The Cardinal spoke "for just a few seconds" in greeting to the novitiates, sisters of the Mother House, and approximately 500 college students.

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