

STRIDES BY SCIENCE IN '29 LISTED

Plane Exploration of Polar Regions, Chemical Discoveries, Health Research, Among Achievements of Passing Year—Radium, X-Ray, Light Have Parts in Progress.

By Howard W. Blakelee (Science Editor Associated Press Feature Service) NEW YORK (AP)—From Byrd and Wilkins aloft in planes over Antarctica and Lindbergh over the Mayan jungles to such non-spectacular achievements as that of two young German chemists who split hydrogen...

In evolution Dr. Austin H. Clark of Washington advanced data to show that new species can come into existence quickly, while at Carnegie Institution, St. Louis University, the University of California and many other places, radium and X-ray emanations were shown to be an influence in producing mutants.

Among very practical developments were finding of better mine gas protection by the U. S. bureau of mines, an improved egg preservation method at Cornell, a means of keeping fish fresh for a year in Canada, a non-explosive film made of cloth at Pittsburgh...

Health research provided many advances. At Yale, a method of treating pneumonia by carbon dioxide was announced. At Harvard, Michigan, Kentucky, Agricultural Experiment Station and other places better or cheaper remedies for pernicious anemia were found.

Europe and America developed numerous advanced cancer treatments, without finding a remedy, and in the United States the pathologists of Rockefeller Institute reported evidence that they are a little closer to the extermination of tuberculosis in a cooperative research carried on by 17 American scientific institutions.

Synthetic Blood Dr. Fischer in Germany made the red blood corpuscle synthetically for the first time. New methods were reported of extracting hormones useful for delaying the ravages of age in men, and providing relief for some feminine ills.

Study of light produced a sun-light picture screen in England and apparatus by Baird to materialize before the eye, things hidden by darkness or behind fog. The use of ultra-violet rays spread as widely that medical authorities warned the public not to overdo.

The Eastman Kodak company took motion pictures with the aid of invisible infra-red rays, the U. S. bureau of standards developed artificial daylight as "real" as that of a June day, and the General Electric company produced light that changes in colors with fluctuations in the electrical current.

Use Voice Vibrations At the University of Iowa vibrations and other physical vibrations traced in light were used to train musicians. Similar vibrations of sound into light were experimented with for helping the deaf to see what they cannot hear.

Yale established an institute of human relations to tie in all branches of science with human affairs and Cornell launched an undertaking of the same order.

A few of 1929's scientific experiments are smokeless tobacco, non-inflammable paper, gasoline made electrically at the University of Minnesota, gasoline made from fir trees, bromine made from water, a silver water filter, weighing of carbon dams at Massachusetts Institute of Technology, sound to make hearts beat and sound to reveal chemical composition of liquids.

The U. S. naval observatory has a new method of determining time, Einstein said that gravitation and electricity are related, a Canadian underwater listening device heard icebergs six miles distant, and the Roosevelt brought a bear from Asia.

KXN, Los Angeles, continues to see reports of reception by listeners far away. One letter came from Cuba, another from New Zealand.

CBS will inaugurate its first Pacific-to-Atlantic series in January from KHL, Los Angeles.

Henry Starr, known as the "hot spot" of western radio, is back with KPWB, Los Angeles, after appearing at northern Pacific studios.

BRINGING UP FATHER



THE NEBBS—Is Everybody Happy?



By George McManus



By SOL HESS



Peculiar 1929 Political Pattern Studied as 1930 Elections Loom

Tariff Fight May Bring Upheaval

By James L. West (Associated Press Staff Writer) WASHINGTON (AP)—Political smoothness turns now to the crystal ball in the hope of describing what lies in store for party fortunes in the forthcoming congressional elections.

Looming largest within the mystic ball is the peculiar pattern formed by developments in the tariff revision controversy and the routing of the anti-Smith Democratic coalition in the election of an old-line Democrat as governor of Virginia.

What effect each is to have in the selection of a new house of representatives and one-third of the members of the senate next November is the question to which these intent observers seek an answer.

Will the tariff fight, which has thrown a gulf between the North-western senators and the president, cause a political upheaval comparable to some of those which in the past followed in the wake of general tariff revisions?

Does the result in the Virginia gubernatorial election portend a way of the pendulum which will erase gains in the house which the Republicans made in the Old Dominion and several other southern states a little more than a year ago as Hoover split the solid south for the first time since reconstruction days?

Along with these puzzles as to the effect of other, although lesser, political events of the passing year, there is the matter of the president's effort to consolidate his southern gains by forming coalition patronage committees made up of anti-Smith Democrats and Republicans within the Republican organizations in some of the states of Dixie.

There also is search for an answer to the question of to what extent national political feeling will be the result of the tariff fight, which has thrown a gulf between the North-western senators and the president, cause a political upheaval comparable to some of those which in the past followed in the wake of general tariff revisions?

High Wage Theory Accepted as Greatest Factor in Prosperity

By William Green (President American Federation of Labor)

The outstanding feature of the year 1929 was the general acceptance of the principles long maintained by the American Federation of Labor—that the elimination of unemployment is higher than the wages the greater the prosperity.

Added to this was the remarkable increase in the number of employers and others who believe that the five-day, 40-hour week is an absolute necessity to the future of our country.

In season and out of season for nearly 50 years these principles have been preached by the American Federation of Labor and its affiliated organizations. In the early days of the American Federation of Labor, employers believed that the way to make good times in hard times was to reduce wages and increase the hours in the workday. While considerable ground was gained against these theories, it was not until the great war that it became

Notice of Final Account. In the County Court of the State of Oregon for Jackson County.

Notice is hereby given that the undersigned, Administrator of the Estate of Platt T. Randall, deceased, has filed his final account on the administration of said estate with the County Clerk of Jackson County, Oregon, and the above named Court has fixed 10 o'clock a. m. on the 9th day of January, 1930, at the County Court House in Medford, Oregon, as the time and place for hearing objections thereto, and allowing and settling the same. All persons interested in said estate are hereby notified to present their objections, if any, to said account, or any item thereof, on or before said day.

STUART RANDALL, Administrator.

CLASSIFIED ADVERTISING RATES: Rates per word for first insertion, 2c; each succeeding insertion, 1c; minimum 25c. Index your ads with For Sale, For Rent, etc., and count these words as well as each letter, telephone number, etc., as a word.

HELP WANTED—FEMALE WANTED—Girl for housework, 714 Beekman Ave. Tel. 121-W. 271c

WANTED—MISCELLANEOUS WANTED—Loan of \$2500, secured by Medford business property, Address R. J. Mail Tribune, 235

WANTED—To buy all kinds of livestock for slaughtering, Phone 585-L, Rogue River Meat Co. 232

WANTED—Care of children by day or hour, Call 482-R between 6 and 7 p. m. for appointment, 234

WANTED—2nd hand goods & junk, Pat's, 1506 Prune, Ph. 547-L, 246

WANTED—Clean cotton rags at Mail Tribune office. 1c

FOR RENT—HOUSES FOR RENT—Modern furnished 5-room house, Inquire 414 S. Riverside, 235

FOR RENT—Up-to-date new 4-room duplex, vacant Jan. 15th, Apply 534 N. Bartlett, 2301c

FOR RENT—Furnished sleeping room, hot and cold water and heat, 323 South Riverside Ave. 271c

FOR RENT—Large, well furnished sleeping rooms, 1113 W. Main, Phone 1201-L, 2571c

FOR RENT—APARTMENTS FOR RENT—Modern furnished apartments, 345 N. Bartlett, Phone 754-M, 2801c

FOR RENT—Furnished apts. 525 No. Riverside, 281

FOR RENT—Desirable apt. Hotel Grand, All hotel accommodations, 286

FOR RENT—Desirable furnished apt; private, 518 So. Oakdale, 2711c

FOR RENT—Apartments; water and lights furnished; reasonable, 419 E. Main, 283

FOR RENT—Furnished 2 or 3-room apts; garage, 604 W. 10th, 2711c

FOR RENT—Fully modern furnished apartments; hot and cold water supplied, Sunrise Super Station, cor. 12th and Riverside, Phone 1338, 2671c

FOR RENT—Apartments, 334 Apple, 282

FOR RENT—Modern, attractive apartment in new Arthur Arms, 330 N. Holly St., 2711c

FOR RENT—Furnished apt.; lights, water, garage, \$18, Tel. 452-H, 2751c

FOR RENT—4-room apartment with bath and garage, 327 S. Oakdale, 2501c

FOR SALE—MISCELLANEOUS FOR SALE—Kindling by the load, Medford Fuel Co., Tel. 631, 2411c

WHEN YOU think of real estate see Brown & White, 119

MADE-UP apple boxes 15c white they last, Rogue River Co., 791

FOR SALE—2 drag saws, Medford Fuel Co., Phone 631, 11c

FOR SALE—Bulbosa (bluegrass) seed for sale, 20c per pound. Communicate with Williams & Seegmiller, Room 2, 32 North Central Ave., upstairs, 11

FOR SALE—Pace field fence, yard fence, gates, netting, all kinds; cedar and steel fence material. "We build fences." Gaddis & Dixon, Tel. 248.

BUSINESS DIRECTORY Abstracts JACKSON CO. Abstracts of Title and The Insurance Co. The only complete title abstracting system in Jackson County.

Accountant. G. G. DALBANI—Certified Public Accountant, Auditing, accounting, tax service, Office, College Building, Phone 866, 2231c

Bicycles BICYCLE REPAIR SHOP—Work guaranteed. Auto locks and keys for all cars. 19 N. Fir St. Tel. 261, 11c

Chiropractic Physicians DR. E. W. HOFFMAN—Chiropractic Nerve Specialist, Office hours 9 to 5; 10 to 12:30, 234 Liberty Bldg., Office Phone 539; Res. phone 799-H, 11c

Eye Specialists DR. D. A. CHAMBERS, Ophthalmologist, Eyes examined, Glasses fitted, 404 Medford Bldg., Tel. 138, 2621c

Expert Accountant E. M. WILSON, C. P. A.—Accounting and income tax requirements. Call for cash journal, bills in California and Oregon, Los Angeles and San Francisco, Liberty Bldg., Phone 157-R, 11c

Financial WE LEND MONEY to worthy people to pay their honest debts, Pacific Coast Credit Association, 423 Medford Bldg., Medford, Ore. 1039, 11c

Freight Transportation LONG DISTANCE HAULING—Medford-Klamath truck line. Daily service. Bonded carriers. Special rates on load lots. Auto Freight Terminal, 36 S. Fir, Tel. 1039, 11c

Money to Loan MONEY TO LOAN to worthy people to pay their honest debts. Also any amount to loan on city property. Thomas Realty Co., Room 12, Palm Bldg., Cor. Main and Front Sts., upstairs, 11c

Long Time Real Estate Mortgage Loan Phone 1222 Commercial Finance Corp. Medford, Oregon

DO YOU NEED MONEY?—We make short time loans. Title actions strictly confidential. 211 Liberty Bldg., Open Tuesday and Friday till 9 p. m. Phone 657-J. H. H. Banister, H. Q. Christner, 11c

Monuments THE OREGON GRANITE CO.—Monuments, E. A. Hicks, General Manager, P. M. Kerwin, Sales Manager, 302 N. Front St., Medford, 11c

Painting and Paperhanging H. MARX—Quality painting, tinting and paperhanging; awnings and beautifies; color schemes that are "easy to live with" at minimum cost to you; decorating of new and old furniture and fixtures. Phone 178-J, 11c

M. A. BLISS & Co.—Painting, paperhanging, interior finishing, general contracting, 1709 E. Main St., Phone 1045-R, 11c

Piano Instruction FRED ALTON HAIGHT—Teacher of Piano and Harmonium, Haight Music Studio, 113 Liberty Bldg., Phone 72, 1591c

Printers and Publishers MEDFORD PRINTING CO.—Has the best equipped printing office in Southern Oregon. Bookbinding, loose leaf ledgers, billing systems, etc. Portland prices. 37 N. Fir St., 11c

Radio Service RADIO SERVICE on any make radio. H. C. HARTLEY, 37 N. Fir St., Phone 215, 2151c

Sand and Gravel C. A. HARTLEY—Sand and Gravel plant. Cleaned, washed sand and gravel; crushed gravel, all sizes. Phone plant 1265 or office 127, 1641c

Transfer BADS TRANSFER & STORAGE Co.—Office 111 N. Fir St., Phone 215, Prices right. Service guaranteed, 11c

DAVIS TRANSFER & STORAGE Service guaranteed, 30 S. Grange St., Phone 644, or residence 1039, 11c

TRANSFER AND STORAGE—F. E. Samsen Co. Quick service. Prices reasonable. Cargo insurance protection, 229 N. Riverside, Phone 233, 11c

Upholstering THIRIAULT—Maker of overstuffed furniture—made to order; re-upholstering, re-stuffing and samples. Phone 669-R, 219

Window Cleaning LET GEORGE DO IT—Phone 137 for housecleaning, floor, window janitor service. Geo. A. Jones, 11c