

Higher Education Faculty Salary Boosts Proposed

Salem—(UPI)—Substantial increases in faculty salaries for the state's six institutions of higher learning have been proposed in a bill introduced by Rep. Wickes Shaw and Keith Skelton, Eugene Democrats.

Satellites Show Atmospheric Density Changes

Cambridge, Mass. (Science Service)—Observations of earth satellites have shown the sun's radiation bombarding the earth's outer atmosphere changes the density of the very rarefied air at altitudes from 120 to 2,500 miles.

Dr. L. G. Jacchia of the Smithsonian Institution Astrophysical Observatory here said the variations graded from 100 per cent at the highest altitudes to about 20 per cent at the lowest altitudes. The atmospheric fluctuations were found by studying the changes in accelerations of both Russian and U.S. satellites as the artificial moonlets circled the earth month after month.

Solar Output Studied
 The link of these changes with variations in the sun's radiation was found by studying records of solar output at radio wavelengths of 10 to 20 centimeters, or a few inches. (Standard broadcasts use wavelengths of many miles.)
 The very short wavelengths, which can be detected at the earth's surface, proved a virtually perfect index of the variations in the sun's "hard" radiation absorbed high in the atmosphere. The solar radiations causing the atmospheric density changes are probably X-ray, ultraviolet and corpuscular in nature, Dr. Jacchia told Science Service.

Correlation Spotted
 The first suggestion that changes in the orbital accelerations of man-made earth satellites were due to variations of atmospheric structure resulting from solar bombardment were made by Drs. Jacchia and R. E. Briggs, also of the Smithsonian Observatory. Dr. W. Priestner of Bonn, Germany, spotted the correlation between the 20 centimeter wavelength records and the satellites' acceleration curves.

Dr. Jacchia said there is a "bare suggestion" of a two-day lag in the changes in the earth's atmospheric density when compared with the solar radiation records. He indicated this lag, if confirmed, could be due to a slow readjustment of the atmosphere after being heated by absorbed solar radiation.

The Family Council

Editor's note: The Family Council consists of a judge, a psychiatrist, three clergymen, a newspaper editor and a women's editor and two writers. Each article is a summary of an actual report. The Family Council does not give advice; it merely reports on problems that have been dealt with by responsible agencies and agencies.

Evelyn R.—She should turn down this proposition.
Rita K.—My standards are changing.

Evelyn R.—I am a married woman in my 40s and I have a very good friend of my own age who has remained single all these years.

Recently I introduced her to a man my husband had met in business. We believed he was a widower because we knew that he was living alone and had two children in boarding school. But we soon learned differently. He and Rita were very much attracted to one another and he soon told her he could not marry now because his wife was in a mental institution.

He asked Rita to have an illicit relationship and she has surprised me by considering it. I feel that even at this late age she deserves a better offer.

Memorial Passed
 The House passed a memorial asking revision of the salmon fishing treaty with Japan. The memorial asks the President to negotiate to move westward the line which now is open to Japanese fishing.

Senate Approves Funds to Hire Circuit Judges
 Salem—(UPI)—The Oregon Senate has approved a bill appropriating \$18,750 to cover the cost of using circuit judges on the state Supreme Court during the remainder of the present biennium.

Red Party Gains
 London—(UPI)—The Communist Daily Worker reported today that Britain's Communist Party gained 414 members this year. The newspaper published a statement by the party's political committee announcing that total 1959 registration was 25,303. Britain's total population is close to 50 million.

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Rita K.—Evelyn makes things sound worse than they really are. This man is very far from an ordinary wolf. He didn't make a crude pass at me or anything like that.

He really made this suggestion as part of a marriage proposal. He said that the doctors hold out little hope for his wife and that he should be able to get a divorce in about two years. He says that he loves me and this is a long time to wait when one is middle-aged and in love.

When I was younger I would have turned him down flat, but now my standards are changing and I don't see why I shouldn't enjoy what I can of a man's companionship while I am still young enough. We harm no one.

The Council: Things are not as simple as Rita makes out and we are sure that underneath she is aware of this.

An obvious consideration must be the man's honesty. Is he telling the truth about his wife—the whole truth? Does he really love Rita? How can he be sure as long as he cannot commit himself to her?

These doubts must be there, but let's assume she can answer them all to her satisfaction. What then?

Well, there is probably less change in Rita's standards than she thinks. What she really means is that the fear of doing wrong would have been a big factor in restraining her years ago. This fear has been replaced by an equally strong desire for an emotional link with a man. But Rita fools herself if she believes that the accepted values, the values that were instilled in her early in life, have disappeared. She would probably experience a strong sense of humiliation if she did engage in this relationship—even though she might try to fight this feeling.

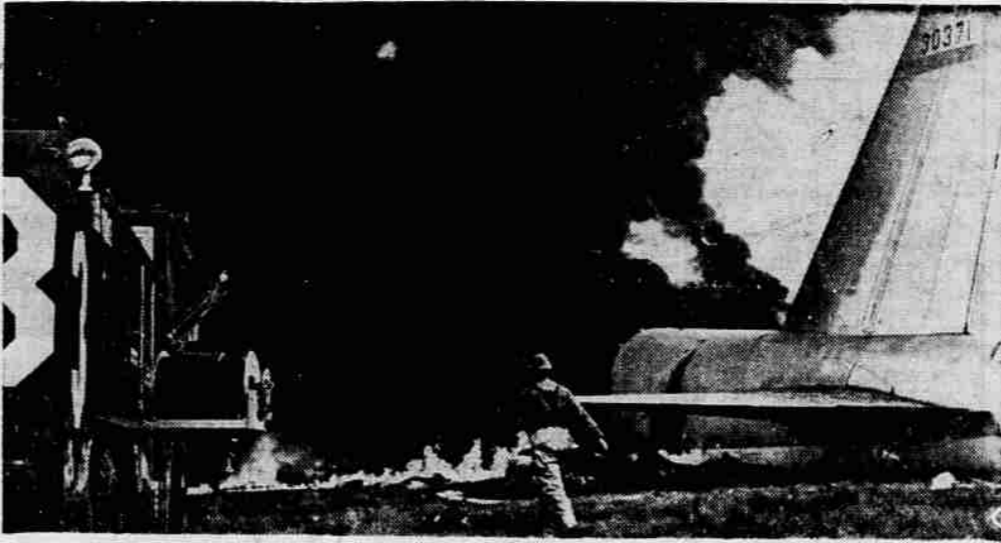
Apart from the more obvious moral aspects of the problem is an underlying one that would leave a bitter taste with any person of finer feelings. Rita would be in the position of hoping for and desiring misfortune for the woman whose place she has usurped.

Nobody can predict the future. Doctors admit that love and loyalty have helped to bring back apparently hopeless cases. If this man's attentions were not going elsewhere, it is possible that he would make a stronger effort to help his wife. Rita would have to share his burden of guilt if he were disloyal.

Socially Rita also has much to lose by such an entanglement. Not only would she be exposed to embarrassment, but she would lose the opportunity to make better, more fulfilling ties with men.

Evelyn is right. At any age Rita deserves and can get a better offer. She would do far better to invest her energies in seeking one.

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CRASHING ON TAKEOFF, B-52 jet bomber burns at Castle Air Force Base, Calif. Fire fighter is running toward conflagration. All nine men aboard escaped injury.

Neuberger Protests SP Schedule Cut

Washington—Senator Richard L. Neuberger has protested curtailment of the daily "Shasta Daylight" train between Portland and San Francisco by the Southern Pacific Railroad. The protest was made in a letter to the hearing examiner of the Interstate Commerce Commission who will hold hearings on this issue in San Francisco, beginning Feb. 10.

The Oregon Democrat told the ICC examiner that "it is my considered opinion that the Southern Pacific has not done all that it could to promote passenger travel between the Pacific Northwest and the populous Bay Area by train, and the reduction of passenger train service would represent a backward step in the economic and transportation development of the Pacific seaboard, which is one of the fastest growing sections of the nation."

The Southern Pacific has announced three times a week service between the Bay Area and Portland by the crack daytime streamliner which presently operates on a daily basis.

RED PARTY GAINS
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The continuous centrifugal cream separator device was invented in the year 1878 by Dr. Gustav de Laval.

Bill Increases Board Members

Salem—(UPI)—Three bills increasing membership of the State Board of Education, the State Board of Forestry and the State Forestry Board were read for the first time in the Senate Wednesday.

One bill would increase the membership of the Board of Higher Education from nine to 12.

Another bill increases the membership of the State Board of Education from seven to nine and the third bill increases the membership of the State Forestry Board from nine to 10. The last bill also removes the governor from membership on the Forestry Board.

AID FOR MOROCCO

Rabat, Morocco—(UPI)—The United States is extending financial aid of \$40 million to Morocco in the current fiscal year, sources close to the U.S. Embassy said today. The aid, in the form of loans, was agreed upon by negotiation here.

AGRICULTURE DEAN DIES
 Beirut, Lebanon—(UPI)—Dr. Samuel W. Edgcombe, 51, dean of agriculture at the American University in Beirut, died Thursday.

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