

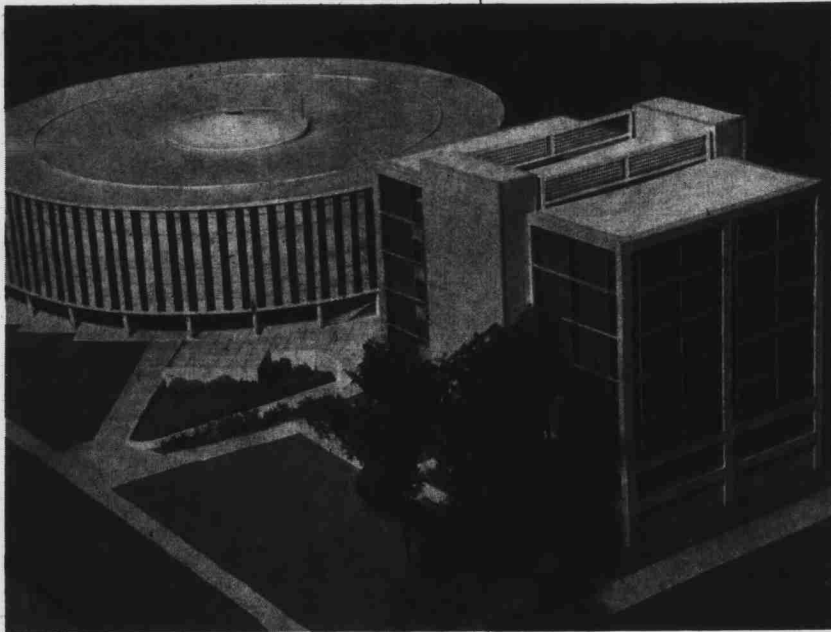
The Technician

North Carolina State College's Student Newspaper

Vol. XLVI, No. 52

State College Station, Raleigh, N. C., Thursday, March 1, 1962

Four Pages This Issue



A scaled model of the planned physics building, which will be built behind Harrelson Hall. (Photo by Kugler)

Physics To Boast Six Story Building

Plans have been completed for a new six story general laboratory building which will provide sorely needed space for undergraduate work and graduate research in physics.

The modern structure, slated for completion in the middle of 1963, will enclose approximately 64,000 square feet of laboratory and office space, and it will be completely air conditioned. Its location will be immediately behind Harrelson

Hall next to the old Bureau of Mines building.

According to Dr. A. C. Menius, dean of the new School of Physical Sciences and Applied Math, the new building will permit sweeping changes in present policies of the Physics Department. For the first time the department will have an opportunity to exploit the opportunities created since the beginning of the P S A M School.

(See NEW, page 4)

Both Faculty, Students

Polls Favor Exemptions

Both students and faculty members favor final examination exemptions for seniors, according to a poll taken by the Student Government.

The student poll was, almost completely in favor of exemptions, but the faculty poll was more evenly divided. One hundred and twenty-six of the faculty

members who were polled felt that the present exemption rule should stay in effect, ninety eight felt that it should be changed, and twenty-two expressed no opinion on the subject.

These figures were released today at a meeting among the administration, faculty and students.

(See EXEMPTIONS, page 4)

CU Increases Budget, Decreases Committees

The College Union Board of Directors met for the first time last night as the Erdahl-Cloyd Union Board of Directors. It approved a plan to increase its budget and cut the number of its committees.

The Board approved a budget increase to \$28,000 in an effort to schedule programs of a much higher quality than before.

According to Henry Bowers, director of the Union, the increase in available

funds is due to increased Union membership, and, since Harrelson Hall was opened, an increase in revenue from food service.

In cutting the number of committees from nineteen to thirteen, the board dissolved the Hobby, House, Outing, Photography, Social, and Travel Committees. The work previously done by three of these six committees will be absorbed by the remaining thirteen committees. The Outing, Photography, and

MEA To Change From Planes To Spaceships

The Mechanical Engineering Department has designed a program for the space age.

The department has renamed its aeronautical option aerospace engineering and has planned a number of new courses.

According to Dr. Robert W. Truitt, head of the department, the change was brought about to more accurately reflect the trend toward aerospace engineering.

In addition to the name change, seven new courses have been submitted for approval. These courses are Space Technology, Aircraft and Missile Design, Aerospace Structures, Aerospace Propulsion Systems, Performance of Hypervelocity Vehicles, and Aerospace Laboratory.

Dr. Truitt also announced that a new Ph.D.-level design sequence in Aerospace Engineering has been proposed. New courses proposed to go with the new Ph.D. program are Aero-

(See AEROSPACE, page 2)

Travel Committees will be reformed as clubs under the supervision of the Special Events Committee.

Dave Phillips, social director of the Union, gave as reasons for the reorganization the lack of interested, well qualified students, too many programs which were designed solely to keep the committees busy, rising costs, and the problem of quality versus quantity programs.

Dean John W. Shirley To Leave In June

The dean of the State College faculty, Dr. John W. Shirley, has resigned his position with the school.

Dr. John T. Caldwell, State College chancellor, announced Dr. Shirley's resignation today.

Dr. Shirley resigned to accept a position as vice-president and provost of the University of Delaware. His position will become effective in July.

Commenting on his decision to leave, Dr. Shirley said, "I am accepting the position because of the broader educational responsibilities it offers me and because of the overwhelming invitation I have had from the president and Board of Trustees of the University of Delaware."

The dean went on to say that he and his family are leaving State College and Raleigh with a heavy heart and fond memories.

Dr. Shirley joined the State College Faculty in 1949 as dean of the School of General Studies and was promoted to his present position in 1955.

Announcing Dr. Shirley's decision to accept the Delaware assignment, Dr. Caldwell said:

"John Shirley's removal to Delaware is a distinct loss to the college and the

state. He is a man of splendid intellect and superb character whose strength will be missed. I personally and officially regret his leaving, but he goes to a fine situation which represents considerable advantage to him."

Dr. Shirley became a member of the faculty of Michigan State University in 1937. He taught in the Departments of English and Physics there except for two years from 1937 until 1949 when he joined the State College faculty.

Dr. Shirley was a visiting lecturer at the California Institute of Technology during the year 1946-47, and in 1947 he engaged in post-doctoral study and research in England as a Guggenheim Fellow, concentrating his investigations on 18th and 17th century scientific achievements.

His honorary and professional affiliations include membership in the Modern Language Society, the History of Science Society, and the American Society for the Advancement of Science.

Dr. Shirley is the author of two books, seven professional articles, and numerous book reviews. In 1958 he toured Russia with a group of American Educators and printed a pamphlet on Russian Education. He has been listed in "Who's Who in America" since 1951. Dr. Shirley is the second State College dean who has announced his resignation this year. Dr. John Harold Lampe, the dean of the School of Engineering, announced his retirement in December.



Dr. J. W. Shirley

Dr. Shirley is a native of Iowa and graduated from the University of Iowa "with distinction" in 1932, with degrees in both physics and English. He received his Ph.D. from the University of Iowa in 1937.

By Engineering Consultants

Graduate Program Evaluated

Teams of consultants are now at work appraising the graduate program in State College's School of Engineering.

Fourteen prominent scientist-educators have visited the Raleigh campus during February; the last two consultants were on campus yesterday working with the Civil Engineering Department.

Stated Dean J. Harold Lampe: "We have asked people from across the nation—men who have accomplished much in the worlds of education and research. We will discuss their findings with faculty members and department heads and use it to develop our program."

Lampe pointed out that each of the eight department heads had suggested the names of widely-known educators in their particular field. Two men were then selected to visit each department for a three day period. After working with officials of the department and other allied personnel, the consultants will write up a formal report of observations for close study.

The financial support for the project is the Ford Foundation,

Dean Lampe reported. According to him, the foundation is concerned primarily with the doctoral program in engineering. The consultations are only one phase of activity in this area; fellowships, grants, loans, and matching funds were other types of financial aid listed.

The last of the consulting teams consisted of Prof. Kenneth B. Woods, Head of the Civil Engineering Department at Purdue University, and Dr. John A. Logan,

Chairman of the Civil Engineering Department at the Technical Institute of Northwestern University.

Woods, a graduate of Ohio State, is the author of over fifty publications on highways, concrete, paving, and similar topics. Logan is a native Canadian, having received his bachelor's degree from the University of Saskatchewan; his master's and doctor's work was done at Harvard.



Left to Right: Dr. John A. Logan, Dr. Ralph Fadum, head of State College's Civil Engineering Department, and Dr. Kenneth B. Woods.

Tolson Criticizes Faculty Action

A Voice in the Wind

Why bother?

When the question of senior exemptions from final exams arose in December, Student Government and the Faculty Senate were given until March 1 to prepare their cases pro and con.

The delay seems to have been a waste of time; the only result is added strain in student-faculty relations. Student Government did all that it could do; the Faculty Senate stayed put.

The issue actually arose last year with a combined recommendation from the Senate to change commencement plans and eliminate the exam exemptions for A and B seniors. Commencement was changed, of course, but no action was taken by the administration on the exemption proposal. It was brought up again this year with reports that the faculty was strongly in favor of the plan.

Student Government, for the benefit of those who might wonder, realized that the Faculty Senate is the voice listened to when matters of academic policy are concerned. What, then, could it do?

The first course of action was to talk to the members of the Senate, possibly bringing up points which might have been overlooked. There were some senators, it has been reported, who favored giving the student viewpoint this hearing.

This audience was denied.

The explanation for this was evidently a sincere one: the hearing would not have done any good. The Senate had acted, and the matter was closed.

What, then, could SG do? An attempt was made by student senators to determine for themselves if the faculty really was strongly against exemptions. The professors who were contacted were not strongly against the idea; in fact, a majority supported senior exemptions.

What was the answer to this? The idea was brought up that an opinion poll is irrelevant; faculty senators are elected to represent their colleagues by doing what they think is right . . . regardless of what their colleagues think.

Why was the senate so opposed to the poll idea? Were they really indignant that their statements be challenged or scared of what the results would be?

Eyen SG does not work this way; it took the trouble to insure the validity of its stand by interviewing the students represented.

Perhaps our senators and representatives in Washington should be told to forget public opinion unless they are interested in re-election.

Student opinion was not considered when the original proposal was made last year; it was not considered this year. Why go to all the trouble of delaying an approval of the Faculty Senate's plan?

Maybe it's a matter of strategy—if students think that their opinions are duly considered, they will be more willing to accept the change.

It is indeed a sad day for the reader of *Hamlet* who remembers the time-tried lines "Give every man thy ear."

—WMJ

The Technician

Thursday, March 1, 1962

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Entered as second class matter, February 19, 1950, at the Post Office at Raleigh, North Carolina, under the act of March 3, 1879. Published every Monday, Wednesday, and Thursday by the students of North Carolina State College except during holidays and exam periods. Subscription rate is \$4.00 per school year.

At the discussion Wednesday with leaders of the Faculty Senate and administration, Student Government President Norris Tolson read the following statement:

Needless to say, I am very disappointed that the Faculty Senate has chosen to close their ears and minds to the opinions and ideas of the students on the exemption issue. This comes as a rude shock to students who have constantly been told by professors on this campus to keep an open mind about all issues. Speaking for myself, I have been informed time and time again that in order to succeed in this life, I would have to give the other fellow a chance to express his opinion—to listen even if I didn't agree—to consider as carefully and objectively as I could the other fellow's opinion and to always keep an open mind. It really disturbs me now to see some of those very same people who have been "teaching" me these ideals do exactly the opposite when a situation arises, such as the one we have been discussing. I do not doubt the validity of the lesson, but it appears to me that it would work equally as well for those who do the teaching.

I feel the Senate has grossly misinterpreted the student position on the issue or at least it would seem so from some of the statements that have been made. Student Government has never indicated that it was trying to overrule the Faculty Senate on Academic Policy. Student Government realizes that it is the prerogative of the Faculty Senate to determine academic policy and I do not believe that I or any other Student Government representative has stated anything to the contrary. However, I do feel that the Faculty Senate has the responsibility of allowing Student Government to express its opinion on issues that vitally concern the entire student body. Surely, this cannot be construed to mean that Student Government is trying to overrule the Faculty Senate. Is it so very unreasonable to ask permission to express one's opinion on a subject? This is all I have ever requested. You will recall from my last letter to you that I merely asked for the issue to be referred back to committee and that students be allowed to state their case before this committee. As I see it, the Faculty Senate had nothing whatsoever to lose by granting this request, however, in your words "the Faculty Senate felt that it would not be honest or proper to reopen the issue by sending it back to committee at this time." Does the Senate consider it dishonest or improper to listen to someone else's views

Aerospace

(Continued from page 1)
thermochemistry of Propulsion, Internal Aerodynamics, Hypersonic Aerodynamics, Internal and External Aerodynamic Heating and Thermostructural Analysis, Performance, Stability and Control of Hypervelocity Vehicles, Properties of High Temperature Structural Material, Ground Support Technology, Aeroelasticity, Life Support System Requirements, Extreme Environmental Conditions, Deorbiting Flight Maneuvers, Reentry Rarified Slip and Continuum Conditions, and Exotic Propulsion Systems for Extraterrestrial Flight.

"It is hoped that the new programs will serve both present and future aerospace industries in North Carolina," Dr. Truitt said.

especially if it happens to be a student's?

I feel that the attitude taken by the Senate on this issue is more like one you would expect a group of irresponsible students to take. Even if the Senate had no intention of changing its recommendation to Chancellor John T. Caldwell, it seems to me that common courtesy would dictate a hearing of student opinion.

I could well understand the Senate's attitude if Student Government on this campus had a reputation for being irresponsible or a do-nothing body. However, if you will examine the record, I believe that you will find that Student Government has indeed taken a responsible attitude toward education and campus affairs. Perhaps you will recall that Student Government has even taken the initiative in several instances when the Faculty Senate failed to take a firm stand on certain vital issues. So, certainly, the Senate could not have viewed Student Government's request through me for a chance to express its views as an idle or irresponsible request from "nosy" students who only wanted to usurp part of the faculty's power.

I do not feel that Student Government owes the Faculty Senate any apologies for the polls we have taken. Since we knew neither how the entire faculty nor the student body felt about the issue, we felt that a poll of both would provide us with an answer. You have stated to me that a poll of the entire teaching faculty had been made, however, you failed to state the results of this poll. In your letter of January 2, 1962, you stated that recently graduated seniors had been questioned and that these people stated they felt "that their last semester would have been more meaningful had they gone through an orderly examination procedure followed by Commencement." My contention is that graduate students tend to think entirely different about such matters as graduation and final examination exemptions once they are in Graduate School. Since I do not know

the results of the Faculty Senate poll of the faculty, I cannot comment on this, however, even though Student Government did not have "experts" making up their poll, I personally was very pleased with the results that were received. The results that were received on the Faculty poll tended to raise some doubt in my mind as to the true rep-

resentative nature of the Faculty Senate.

I respect the decision, though I do not at all agree, made by the Senate not to reconsider the exemption issue. However, I feel that relations between students and faculty have been seriously injured. It is my firm belief that the Faculty Senate should very carefully re-eval-

(See TOLSON, page 4)

Profile . . .

Stephen Spender

Stephen Spender, noted poet, critic, and editor, will appear March 6 in the College Union Ballroom.

The London-born Spender is one of a group of poets who came out of the Oxford of the 1930's. Like many other writers of the 1930's, he devoted much of his early work to social and political criticism. His first widely-noticed book of verse was *Poems*, published in 1933.

Concerned as he was with the immediate problems of a particular time, Spender demonstrated early in his career a lyrical ability which was to ensure his reputation during the changes that affected the social and political structure of his period. Spender stands now as a lyricist of great warmth and beauty, a romantic whose keen senses have created some of the music of modern poetry.

In literary criticism, Mr. Spender's most important contribution has been the volume called *The Destructive Element*. In his capacity as editor, he worked with Cyril Connolly on

the *Horizon* magazine of the 1940's, and he is now editor of *Encounter*. His *Collected Poems* were published in 1955.



Stephen Spender

Spender's appearance is one of a series of lectures known as "The Contemporary Scene," and is sponsored by the College Union Library Committee.

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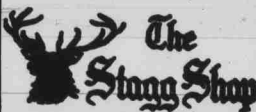
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2428 Hillsboro

Conference Wrestling Meet Starts Friday In Coliseum

By Richie Williamson
Sports Editor

The State campus will host its third straight conference championship on Friday and Saturday when the individual and team wrestling championships begin Friday afternoon. The meet is being held in conjunction with the basketball tourney and follows the swim meet held here last week.

The two day meet will feature afternoon contests in the Coliseum. The preliminaries are slated for 1:30 on Friday with the semi-finals at 3 o'clock. On Saturday afternoon the consolation round begins at 1:30 with the finals following at 3:00.

There are five conference teams entered in the meet with Maryland being on hand to defend its team title. The Terp wrestlers also won all ten of the individual titles last year. The other four schools which will attempt to break the Terps six year reign are State, Carolina, Virginia, and Duke.

State enters the meet with a season dual meet record of 2 wins and 7 losses, winning over Duke and Pfeiffer. The team is rather light in experienced men with four sophomores among the eight entries.

There are no Wolfpack entries in the 115 and 123 pound classes.

Fred Cooke, a 130 pound class wrestler, is most likely to score heavily for State as he was runner-up in that division last year. Coach Al Crawford has no other lettermen to use in the meet so he will call on sophs Steve Barnes, Don Athearn, Owen Simmons, and Bill Sullivan plus upperclassmen Jim Whitt, Jim Tucker, and Jeff Fountain to carry the load.

The Terps will be heavy favorites to repeat again this year on the basis of 11 lettermen entered including seven men who won individual titles last year. Leading

this team is 157 pounder Eugene Kerin who has been named the outstanding wrestler in the tournament for the past two years. Other two time winners in the meet are Pat Varre and Bill Rishell.

Carolina will offer the most opposition with four men returning that were runners-up in their weight classes to the Terp matmen. Their attack will be headed by Pete Gilchrist and Dick Blackman, both of whom have broken school records for points scored. Another Tar Heel to watch for is Willis Johnson, who finished fourth in the 177 pound class last year, but has trimmed down to the 137 pound class for this meet.

Facts and Feats

The State two mile relay track team established a new school record in their last meet. The four man team of Jerry Fincher, Harold Blanchard, Frank Green, and Richard Edwards ran the event in 8:18.2 to eclipse the old mark of 8:20.3 set in 1956.

Wake Forest's All-American Len Chappell needs only 56 more points to be-

THE TECHNICIAN

MARCH 1, 1962

come the 13th collegiate player to score 2,000 points in a three-year career. He also needs only 36 points to set a new school record for points scored in a single season held now by Dickie Hemric. Chappell can do this in the first two games of the ACC Tournament if he maintains his present scoring average of 30.9, which is the fourth best in the nation.

For all the people who have trouble with their weight, one of the performers in the ACC wrestling tournament might have a few tips on how to reduce. He is Willis Johnson of Carolina. Last year in the wrestling meet, Johnson placed a respectable fourth in the 177 pound class. Johnson will be here again for the meet this weekend, but he will be tussling in the 137 pound (that's right) class. He sure lost weight!

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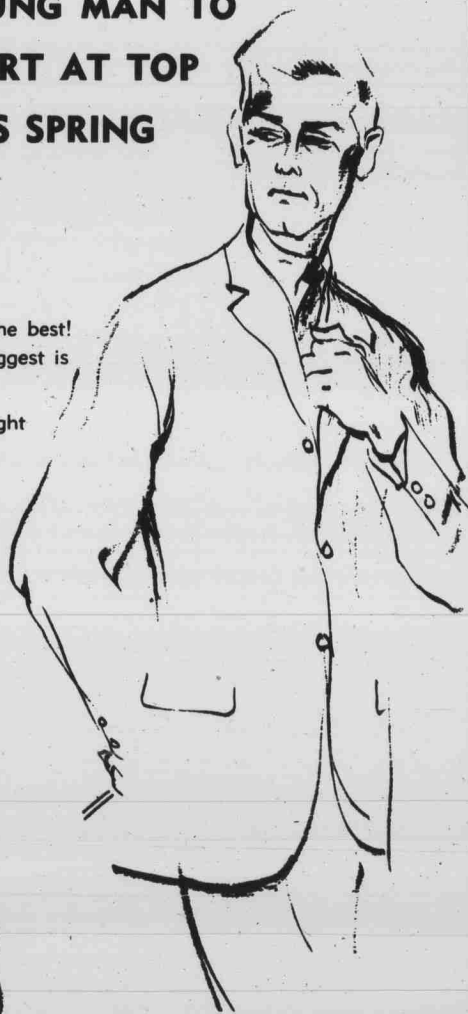
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TURN IN EMPTY PACKS MAY 15, 1962-4:00 P.M. Entries accepted thru May 15th

New Physics Building

(Continued from page 1)
All lectures will be held in nearby Harrelson, and with the abundance of new lab space the Physics Department will be given the freedom to completely renovate its present undergraduate physics program, Dr. Menius said.

In addition, the building will house a part of the Department of Experimental Statistics.

The building itself will be rectangular in shape and will be connected to Harrelson by a ramp. The same pebble textured concrete now present under Harrel-

son will eventually connect the two buildings.

Architect for the job is Ballard, Mekim and Sawyer of Wilmington. Construction should begin soon since bids are due to be let in the near future.

Tolson

(Continued from page 2)
uate its position of "No-help-from-anyone, please," in the area of academic policy. I do not advocate that the Senate allow Student Government to determine academic policy; however, I do advocate that the Senate had the definite responsibility of at least listening to student opinion on such policy.

Campus Crier

The first AFROTC drill of the semester will be held on March 6, and all cadets will be responsible for checking the bulletin board in the Coliseum prior to March 6 for their drill assignment.

There will be a meeting of the Latin American Club at 7:00 p.m. on Friday, March 2, at the campus YMCA.

A leadership conference, sponsored by the C. U., will be held March 3rd and 4th for all C. U. committee and club members. The conference will be held at Finley Acres from 10:00 a.m. to 5:30 p.m. on Saturday and from 12:45 p.m. to 6:00 p.m. on Sunday.

Exemption Poll

(Continued from page 1)
dents by Norris Tolson, the president of the Student Government.

At this meeting, Chancellor John T. Caldwell announced that he would make his decision on the subject on March 15.

West Raleigh Presbyterian Day School ANNOUNCES

opening of registration for 1962-63 school year for 4 and 5 year-old kindergarten groups. Children accepted at 8:00 and 8:45 A.M.

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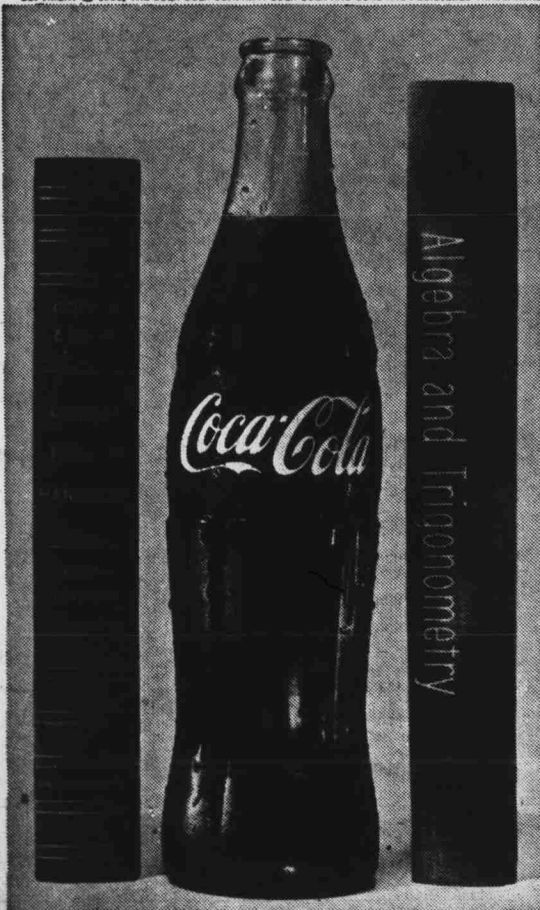
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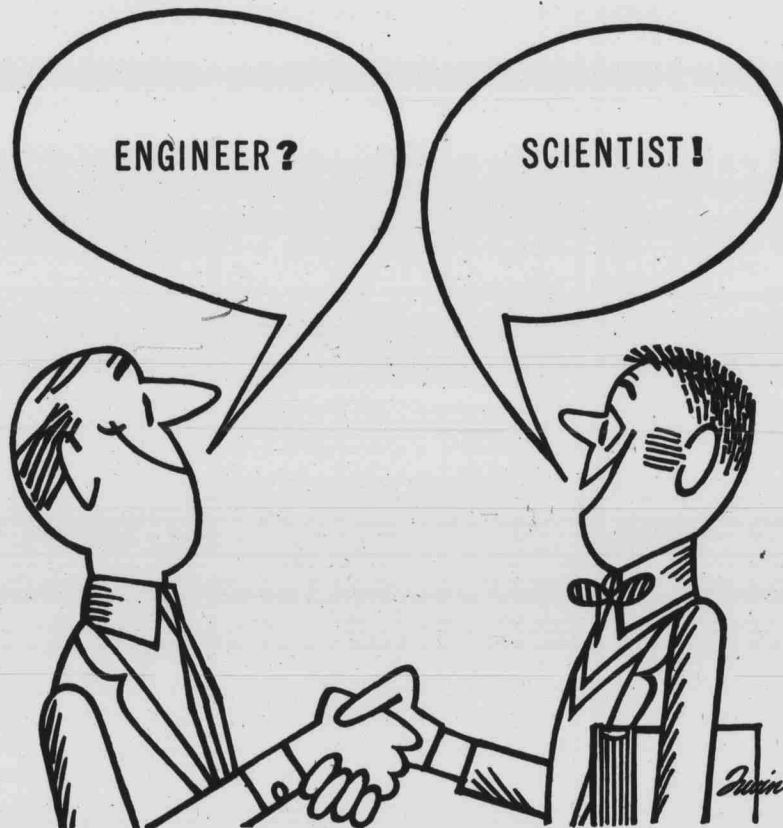
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