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Semester End

It's hard to believe, but there's no escaping the facts—finals next week. There's definitely something wrong. We were sure there was about a month left to turn in those lab reports . . . and all the studying we were putting off . . . rather leaves an empty feeling in the pits of our collective stomachs.

We can't explain it. Either we've done a Rip Van Winkle for a month, or Mr. Roosevelt has changed the year to eleven months. Time just doesn't pass by that swift.

Someone once said that time fleets when pleasantly spent. We've found this true, both during this rapidly-ending semester, and in our connections with the ARMOUR TECH NEWS, which will come to a close after our next issue. It was one short year ago that the present managing board took over from Jim Sheehan and Bud Parker and their "gang." We had great plans for improving the TECH NEWS, but like a battle-scarred old

fortress, she withstood our onslaught, and came out with perhaps a few more errors in the copy, but little difference otherwise.

There's bull sessions and bull sessions, but none like the kind we have Saturday at the printers while the linotypists call for "heads." A bull session becomes par excellence when it successfully competes with something far more important, but infinitely less interesting. We've had a lot of fun putting out this paper. Of course, many's the time we're verbally griped about all of the Friday nights and Saturday mornings, noons, and nights that we've spent on it, but, given the opportunity, we would do it over. It's been a grand experience to have worked and worried on the TECH NEWS, one that we're glad to have had.

Like all other departing boards we hope that the next managing board will profit by our mistakes. But if they do, they'll probably invent some new ones to pass on down the line.

Mailbox

Reorganization of the Western Society of Engineers

The Armour Branch of the Western Society of Engineers has been functioning as the civil engineering society at Armour for the past twenty years. However in 1935 the membership was made open to the students of all departments in keeping with the policy of the parent organization. This served merely as a gesture because since 1935 the society has been predominantly civil as before. At present the society is taking steps to assume its proper position in serving students of all departments. It is the purpose of this article to explain the reasons for and the steps which have been taken in this direction.

At Armour Institute there is no provision for an all department engineering society. There is a definite need for such a society. Engineering has no static divisions that provide that a man taking, for instance, chemical engineering will become a chemical engineer. Also, we students must recognize that the trends of modern engineering are not towards classifications as chemical engineers, civil engineers or mechanical engineers but towards a broader classification as professional engineer. The Western Society of Engineers organized as an all department engineering society would constitute a step towards the bringing together of the various engineers. There is another perhaps more practical gap in our present engineering society organization which such a society would fill. At present there is nothing which tends to correlate the work of the engineering societies. A good deal of the value of the societies is lost to the majority of the students. In the event of a speaker of national reputation at one of our departmental meetings a majority of the students miss the opportunity to hear his message because a person cannot be in two places at the same time. The need for providing a time and place available to all for important meetings can be fulfilled by an all department engineering society. These ideas serve as a bare outline of the reasons for the reorganization of the Western Society of Engineers.

Several steps have been taken toward the reorganization. The first being meetings with the officers of the various departmental societies. It was decided to draw up a temporary set of by-laws for the presentation to the various societies for suggestions and ultimate approval. An outline of these by-laws is as follows: Membership to be limited to members of the various engineering societies; the proposed society to be managed by a Board of Managers consisting of two members from each society; dues of two dollars per society would qualify all members of the departmental societies as members of the Western Society of Engineers. These dues are for the purpose of paying the fees of the president and secretary as active members in the Western Society of Engineers as required by the constitution.

The by-laws of which the barest outlines appear above were tentatively approved by the president of the departmental engineering societies and are to be brought up for ratification at the earliest opportunity.

Respectfully,
Harold G. Anthon,
President A. B. of W. S. E.

Ed. Note: The last issue of the TECH NEWS carried two news items concerning this question. In both instances, the societies found faults in the by-laws and, although generally in favor of the plan, refused to accept the present rules without revision.

The Slipstick

Cleave to the slipstick; let the slapstick fly where it may.

It is with great pleasure that I announce that dear old Santa hasn't forgotten us and has at long last brought us our new joke book. So relax my little children, and let's laugh.

"Well, did he pay you?" asked the wife of a dentist who had been to collect a bill for a full set of false teeth that he had made for a man almost a year before.

"Pay me?" growled the dentist. "Not only did he refuse to pay me, but he actually had the effrontery to gnash at me—with my own teeth!"

Overheard at 33rd and Federal streets a few days ago.

Charitable Woman: Here's a penny, my poor man. Tell me, how did you become so destitute?

Beggar: I was always like you, mum, a-givin' away vast sums ter the pore 'an needy.

The Father and Son's Banquet has substantiated our belief that there is always a tie between father and son—and the son usually wears it.

A man rushed into a cigar store.

"This cigar you sold me," he said, "it . . . it stinks."

"Well, you needn't complain," said the tobacconist. "You've only got one. I've got thousands of the darn things."

Customer: I'd like some rat poison, please.

Clerk: Will you take it with you?

Customer: No, I'll send the rats over after it.

The minister arose to address his congregation. "There is a certain man amongst us today who is flirting with another man's wife. Unless he puts five dollars in the collection box, his name will be read from the pulpit."

When the collection plate came in, there were nineteen five dollar bills and a two-dollar one with this note attached: "Other three pay day."

This can't go on indefinitely, so like all good things this column and the semester must come to an end together. We'll be expecting to have you back here next semester in our laugh (?) class . . .

HI YO SILVER.

FINAL EXAMINATIONS FIRST SEMESTER—1938-1939

Monday, January 23

Time	Instructor	Place
8:30-10:20	Higher Algebra, Math. 10	500 Main Building
	College Algebra & Elem. of Trig., Math. 101 A-K*	500 Main
	College Algebra & Elem. of Trig., Math. 101 L-Z*	502 Main
	Elementary German, German 101, 201	305 Main
	Elementary French, French 101	305 Main
	Radio Engineering, E.E. 418	102 Chapin Hall
	Elements of Heat Power, M.E. 411	105 Chapin
10:30-12:20	Engineering Mechanics, Mech. 201, 202	Mechanics Instructors
	Applied Mechanics, Mech. 203	Mechanics Instructors
	Electricity, E.E. 414	Nash
	A. C. Machinery, E.E. 407	Freeman
	Architectural Practice, Arch. 401	Harper
	Electricity, E.E. 414	Sear
1:10-3:00	General Metallurgy, Ch.E. 405	Carpenter
	Experimental Engineering, M.E. 308, 310, 407	Laboratory Instructors
	Study Techniques	Orcutt
3:10-5:00	Logic, English 201 A-E*	English Instructors
	Logic, English 201 F-Z	English Instructors
	Soil Mechanics, C.E. 428	Ensz
	Differential Equations, Math. 301	Krathwohl
	Advanced Calculus, Math. 303	Oldenburger

Tuesday, January 24

8:30-10:20	General Physics, Physics 201	Physics Instructors	500 Main Building
	General Physics, Physics 202	Physics Instructors	502 Main
	General Physics, Physics 203	Potter	502 Main
	Electric Power Plants, E.E. 406	Freeman	305 Main
	Engineering Metallurgy, Ch.E. 417	Miller	102 Chapin Hall
10:30-12:20	General Chemistry, Chem. 101 A-R*	Chemistry Instructors	500 Main Building
	General Chemistry, Chem. 101 S-Z	Chemistry Instructors	502 Main
	Flow of Fluids, Mech. 308	Mangold	305 Main
	Graphic Statics, C.E. 314	Spears	102 Chapin
	Chemical Hazards, Ch.E. 317	Tibbals	105 Chapin
	Bridge and Structural Design, C.E. 408	Stevens	108 Chapin
	Heat and Radiation, Physics 301	Thompson	111 Chapin
1:10-3:00	Business Org. & Control, Soc. Sc. 241	Hansen	305 Main Building
	Mechanics of Materials, Mech. 301	Mechanics Instructors	500 Main
	Descriptive Geom. & Arch. Appl., Arch. 101	Harper	Art Institute
	Structural Design, C.E. 413	Spears	102 Chapin Hall
3:10-5:00	Engineering Shops, M.E. 318, 418	Pearl	500 Main Building
	Electricity, E.E. 415	Ahern	502 Main

Wednesday, January 25

8:30-10:20	Thermodynamics, M.E. 305	Thermo. Instructors	500 Main Building
	Elementary Thermodynamics, M.E. 316	Peebles	305 Main
	Mechanism, M.E. 201	M. E. Instructors	502 Main
	Industrial Chemistry, Ch.E. 312	Schommer	102 Chapin Hall
	Stresses in Framed Structures, C.E. 303	Stevens	105 Chapin
10:30-12:20	Business Policy, Soc. Sc. 431	Social Sci. Instructors	500 Main Building
	Machine Design, M.E. 205	Swineford, Winston, Cowie	305 Main
	Solid Geometry, Math. 11	Spencer, Sadowsky	502 Main
	Elementary Surveying, C.E. 209	Penn	102 Chapin Hall
1:10-3:00	Economics, Soc. Sc. 111	Social Sci. Instructors	500 Main Building
	Advanced Inorganic Chem., Chem. 411	Schad	502 Main
	Engineering Chemistry, Ch. E. 307	Schommer	305 Main
	Water Supply Engineering, C.E. 405	Vagtberg	214 Chapin Hall
3:10-5:00	Diff. and Int. Calculus, Math. 201 A-J*	Mathematics Instructors	502 Main Building
	Diff. and Int. Calculus, Math. 201 K-Z	Mathematics Instructors	500 Main
	Diff. and Int. Calculus, Math. 202	Mathematics Instructors	500 Main
	Diff. and Int. Calculus, Math. 209	Ford	500 Main
	Mathematics for Architects, Math. 103	Bibb	500 Main
	Anal. Geom. & Appl. of Trig., Math. 102	Mathematics Instructors	305 Main

(Continued on page four)

KNOW YOUR PROFS

Dr. Poulter

Research Director at Armour Institute . . . second in command of the Byrd Expedition, and senior scientist . . . head of the entire division of physical sciences, mathematics and astronomy at Iowa Wesleyan College for one year . . . possessor of two doctorates . . . member of over a dozen societies . . . possessor of the congressional medal . . . lecturer in the State universities of fourteen states during one summer . . .

A famous scientist fills every one of these positions, which, in all, are but a sample of his well rounded life. His name, but seldom heard among members of the day school, is Dr. Thomas C. Poulter. Of him Rear-Admiral Richard E. Byrd has said:

"Fast in Action"—Byrd

"Very much of a man, this Dr. Poulter; physically a giant, as fast in action as he is slow in words. How he ever managed to dispose of his great bulk among the myriads of machinery and the complications of his meteor apparatus was one of the mysteries of little America . . . He is that rare combination—a true scientist with an extraordinary gift in practical handiness . . . Before, during, and after the expedition, Dr. Poulter took leadership in the scientific field and the results obtained are far superior to the work of any other scientist who has ever accompanied me on my undertakings."

A native of Iowa, Dr. Poulter attended Iowa Wesleyan Academy as a professor of physics from 1916 to 1917. He then entered the navy during the World War as a member of the crew of the United States Submarine C-4, which operated from Panama. In 1919 he came back to Iowa, and became an assistant pro-

fessor of biology, chemistry, and physics at Iowa Wesleyan College, and four years later received his B.S. degree.

For the next two years he attended Chicago University as a graduate student and an assistant in chemistry. The following two years found him back in Iowa as head of the chemistry department at Iowa Wesleyan College, and he became head of the department of physics there for the next six years. Then Chicago University awarded him the Ph. D. degree. For a year following this he became head of the division of physical sciences, mathematics and astronomy at Iowa Wesleyan College. This was in 1933.

His main field is research, however, and for several years previous to this he had already engaged in it. He started out in 1927 with lectures to fourteen state universities that summer. Four years later he did some research as a physics professor, and the following year he became a member of the Midwest Meteor Association, and went on the expedition that investigated the Arizona meteor crater.

Received Honorary Degree

In 1933 and 1934 Dr. Poulter received a John Simon Guggenheim Fellowship, which he used while acting as the second in command and the senior scientist on the second Byrd expedition which lasted from 1933 to 1935. As a result of this he received an honorary Doctorate of Science in 1935, from the Iowa Wesleyan College.

He is also a member of the Seismological Society of America. In this connection an article published in the newspapers of a year ago says:

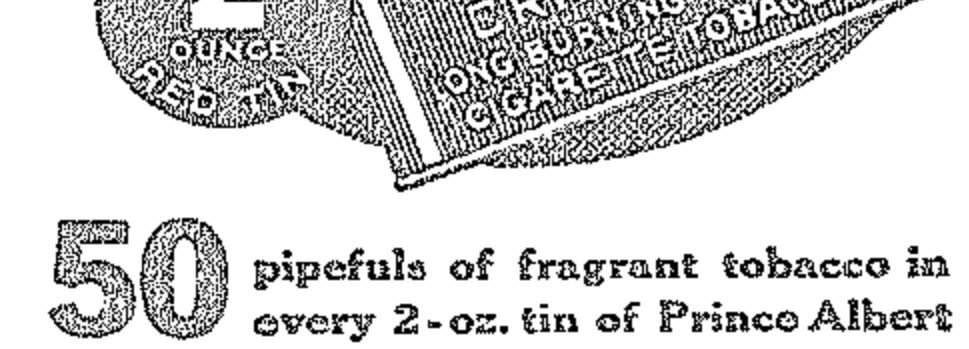
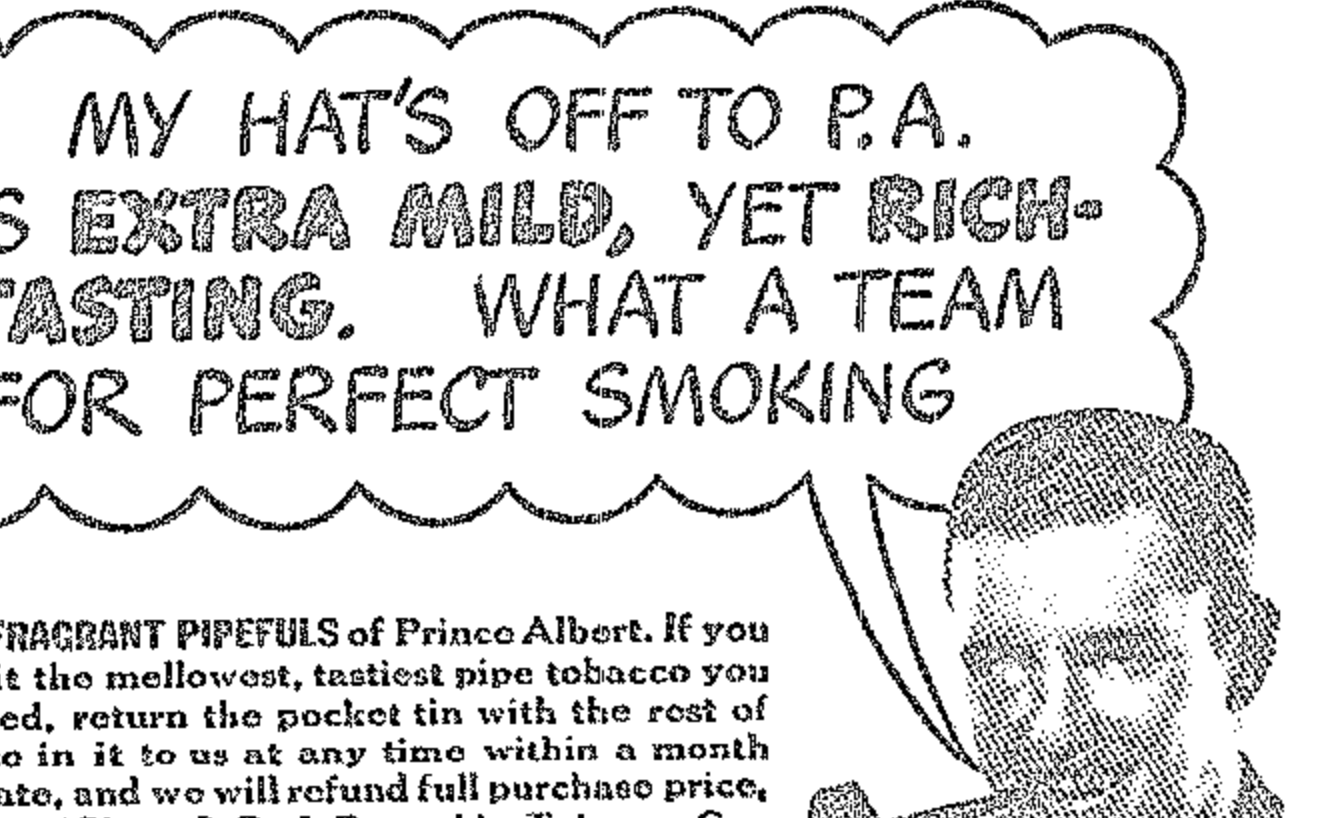
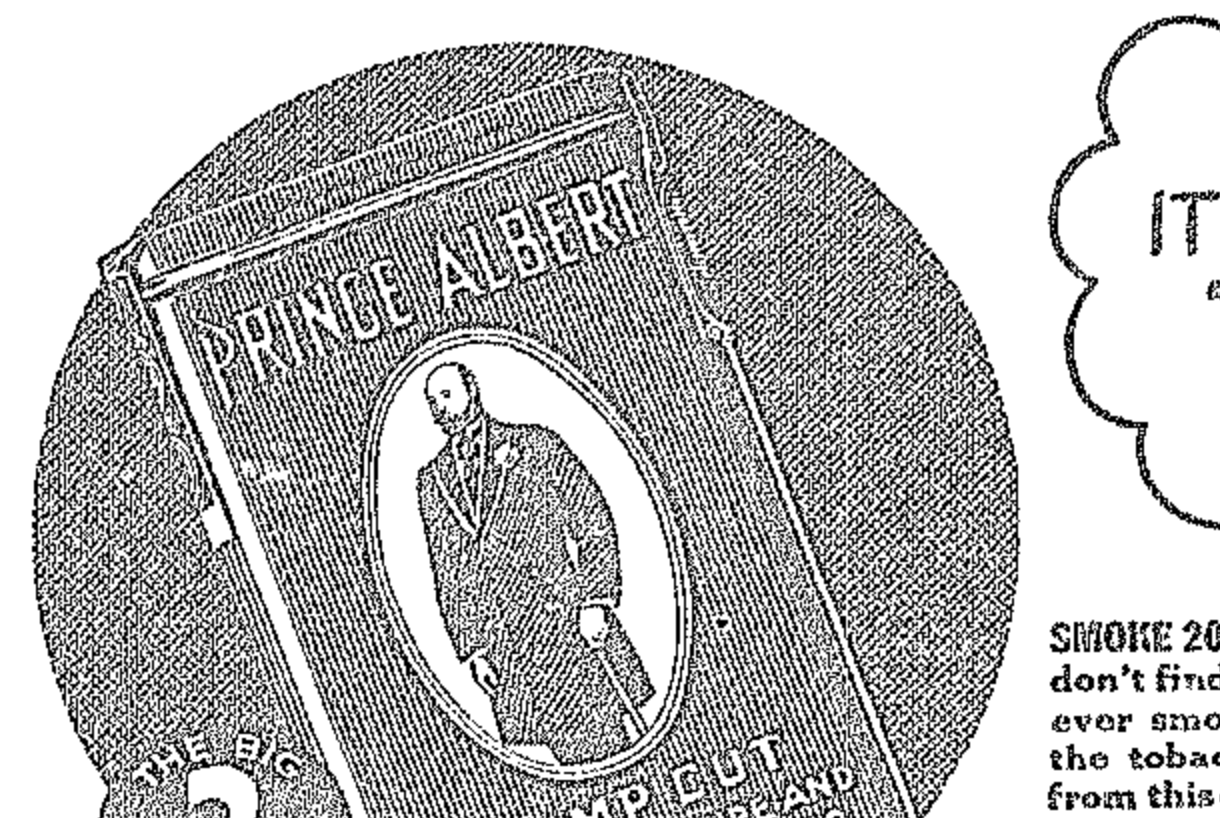
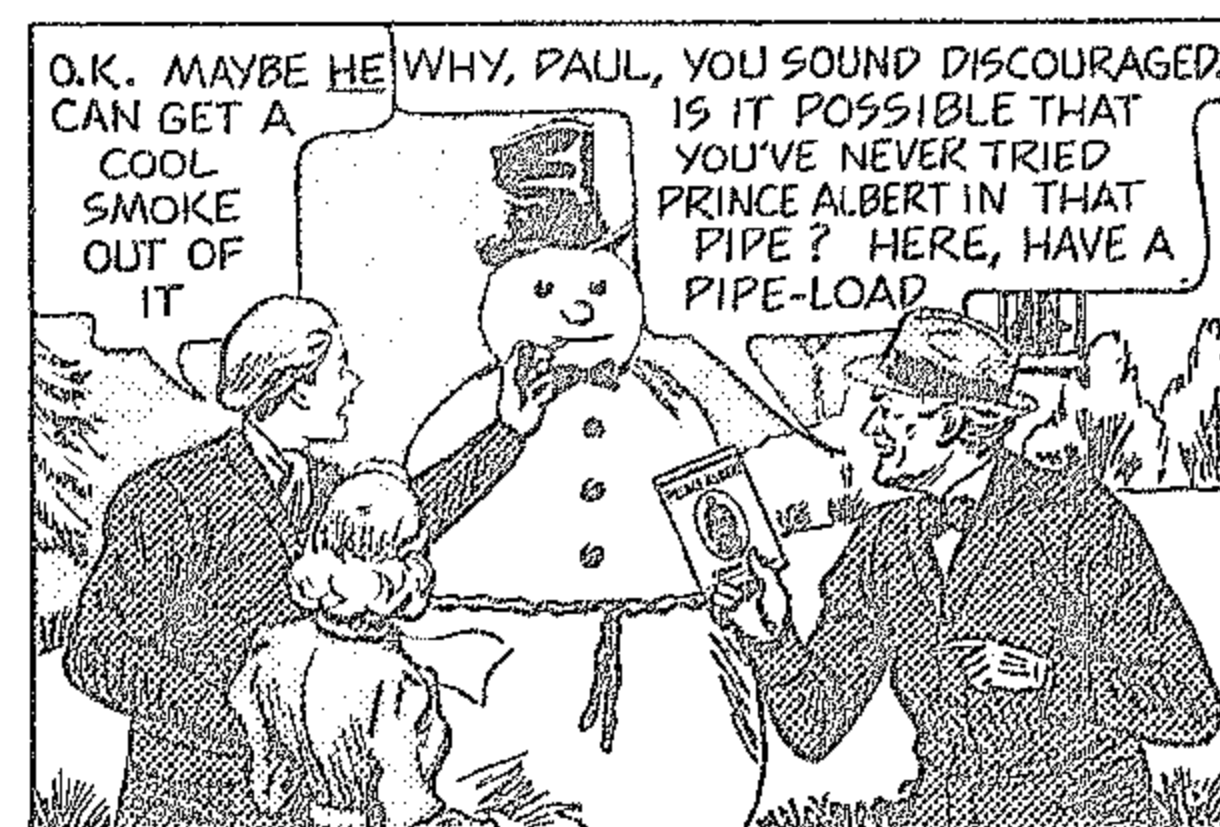
"In the Antarctic, Dr. Poulter's special fields of scientific activity involved observations of meteors and

an elaborate series of seismic measurements involving the use of explosives and designed to give information regarding the thickness of the ice and the position of underlying rock with reference to sea level. This latter work resulted in the discovery of an island, previously unknown, about one hundred miles in length, rising to one thousand feet above sea level, with an ice cap 400 feet thick."

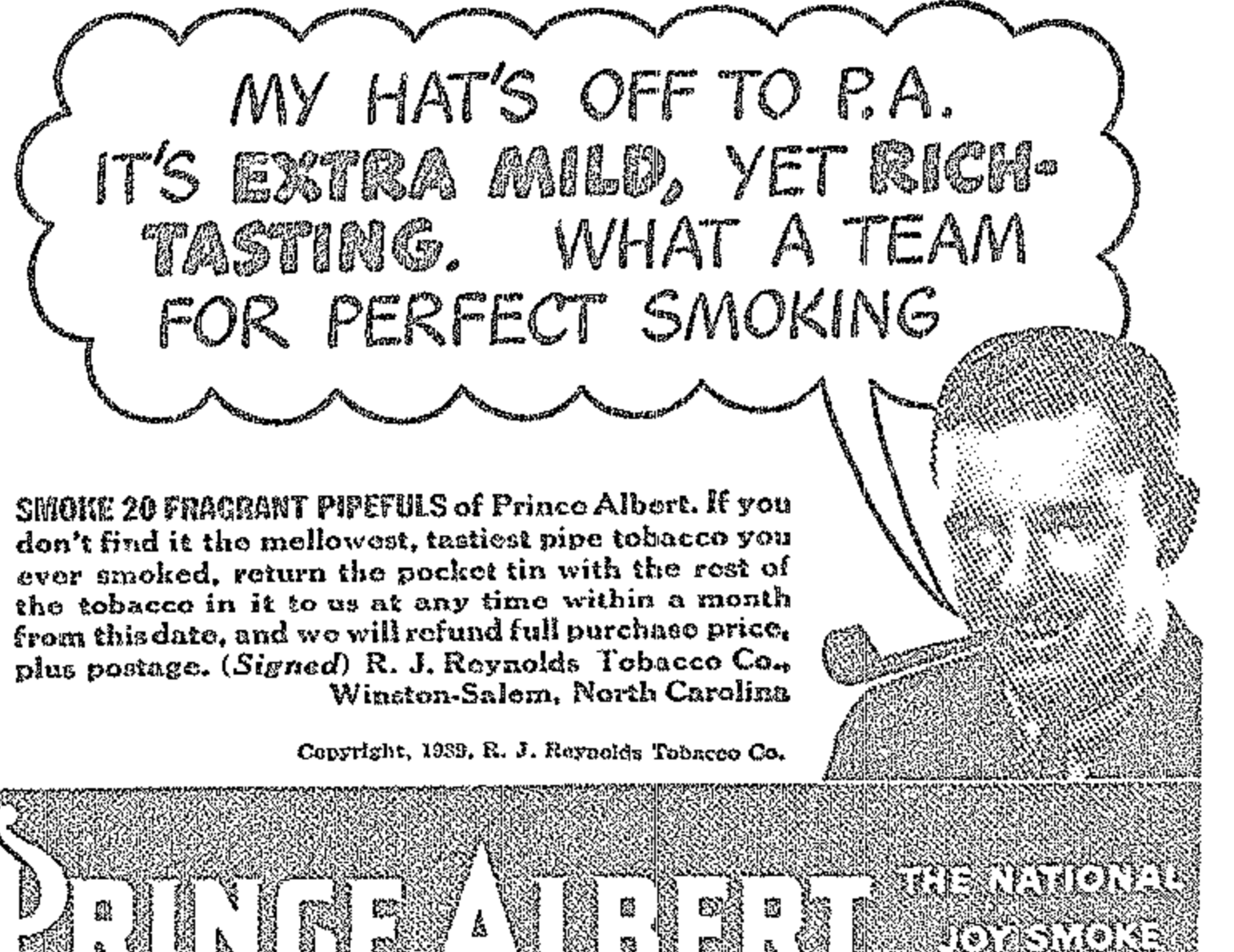
Member of Many Societies

In addition to these, Dr. Poulter is also a member of the American Association for the Advancement of Science, the American Physical Society, the American Chemical Society, the Iowa Academy of Science, the American Polar Society, the Illinois Academy of Science, the American Meteor Society, the Geophysical Union, the Quadrangle Club of the University of Chicago, the Chicago Astronomical Society, Sigma Chi, and Theta Kappa Nu. He is also a fellow of the Geographical Society of Chicago, as well as its third vice-president; a life member of the National Geographic Society; director of the Physics Club of Chicago; and a member of the finance committee of the American Chemical Society.

Dr. Poulter is one of the most active men among us, having averaged about four lectures per month, which are given all over the country. He has written almost thirty articles, of which 15 were published by the Iowa Academy of Science, and over half of which have been concerned with the effects of extremely high pressures on all sorts of things from the voltage of a Weston electric cell to the indices of refraction of substances, absorption spectra, and optical rotation. Several articles are in preparation as yet, most of them being concerned with observations during the Antarctic expedition.—And all of this refers to Dr. Poulter!



50 pipefuls of fragrant tobacco in every 2-oz. tin of Prince Albert



PRINCE ALBERT THE NATIONAL JOY SMOKE