



ALL CLASSES VOTE

"It Happened This Way"

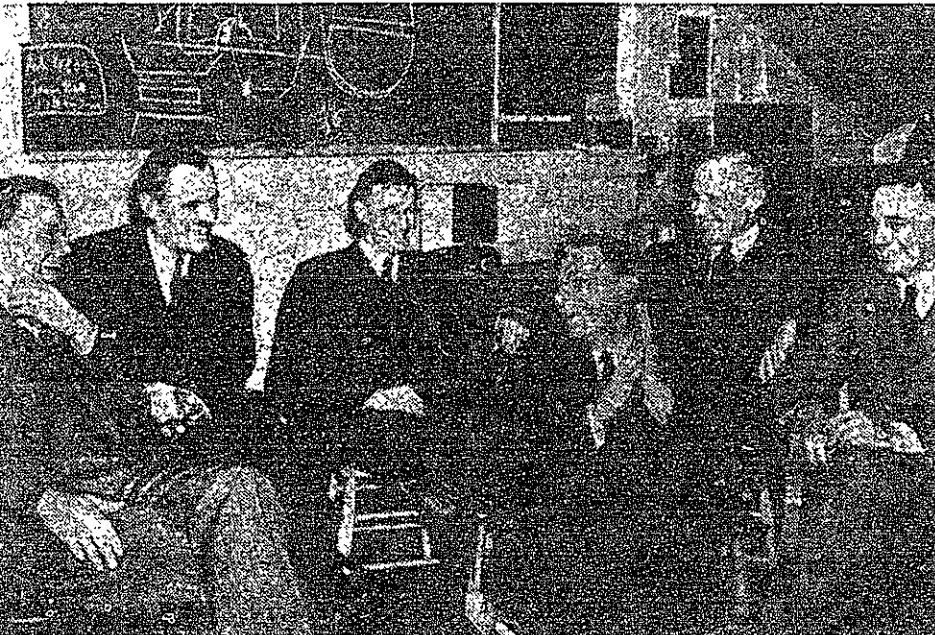
By KARL T. COMPTON

In the opening part of his reminiscences, published last Friday, Dr. Compton discussed his student days at the College of Wooster, his interest in athletics, his first job in a laboratory, and his decision to become a physicist.

In this installment, Dr. Compton tells of his life as a chemistry instructor at Wooster and his subsequent experiences as a graduate student in the physics department at Princeton.

PART II

Again chance stepped in to point the way ahead. Substituting for my father as professor of philosophy at the College was Robert G. Caldwell, another fraternity brother though several years my senior, and destined later to become my col-



Planning the construction of the giant Berkeley cyclotron in March, 1940 are: (l. to r.) Ernest O. Lawrence, A. H. Compton, V. Bush, James B. Conant, Karl T. Compton, and A. L. Loomis.

league as Dean of Humanities at M.I.T. He had been my father's most brilliant pupil, and he was planning in the following year to go to Princeton for graduate study in American History. As he was living in our home, I saw the bulletins which he received from the Princeton Graduate School, and thus learned of the new Palmer Physical Laboratory and of the two physicists from Cambridge University who had recently joined the Princeton staff. These were Owen W. Richardson and James H. Jeans, both already distinguished before the age of thirty and destined to become world famous. So I decided to go to Princeton just as soon as I could get together the necessary financial resources.

Just then another event occurred which opened up an opportunity to advance my plans. The head of the chemistry department of the College was to be granted sabbatical leave of absence the following year and the College had to provide a substitute. I had taken and enjoyed all the chemistry courses offered at the College. Furthermore, the young man who had served as student assistant in chemistry, had also been catcher with me as pitcher on the College baseball team. So we concocted a scheme whereby we could continue our baseball interests for another year in the local "bush league," while at the same time gaining both experience and a little money as embryo scientists. We went to the President of the College and put to him the following proposition: If he would turn over to us the amount of money which the College Trustees had allowed for filling the chemistry professor's position in his absence, plus the amounts which we were then receiving as student assistants in physics and chemistry, we would undertake to operate the chemistry department for the year and also the physics assistantship.

I have always thought that the President accepted this as a sporting proposition. Since I have had later experience in trying to find men for jobs, I have suspected that the good man may also have been at his wit's end to find a temporary chemistry instructor, and that he seized upon our proposition with a sigh of relief, feeling that he might have done worse. At any rate, we got the job, we had a wonderful time and excellent experience, and I saved enough money to permit me to go to

(Continued on Page 6)

Job Prospects In Near Future Generally Good

Labor Dept. Consensus Reports Opportunity Best In Big Industry

With about 500,000 college students graduating this year—the largest number in our country's history—the job outlook for the new college graduates is generally good. It is not, however, as good as in 1947 and 1948, according to information released by the U. S. Department of Labor.

Basically, the economy of the country is strong and there is a general consensus that production and employment will remain high during 1950. However, the big problem facing the economy is that of constantly providing more goods and services and utilizing fully a labor force that is growing at the rate of 600,000 to 700,000 workers a year. Even if employment continues during 1950 at about the same level as last year, as it is expected to do, unemployment will increase and jobs will be harder to find.

Some Expansion Opportunities

As usual, most jobs taken by this year's graduates will be those which have been vacated by others through deaths and retirements. Most of the openings will occur in the large industries and the areas

(Continued on Page 6)

Ruby Newman To Play At A-Ball This Friday

This week-end, April 14 and 15, marks the sixteenth anniversary of MIT's Assembly Week-end.

On Friday, April 14, the students on the Walker dining hall staff throw their annual Assembly or "A-Ball." The whole of the usually staid Walker Memorial will be transformed with spring flowers and colored lighting, both inside and out. Music for dancing from ten to three in the morning will be provided by Ruby Newman's orchestra, and will be interspersed throughout the evening by varied entertainment, amongst which will be the Student Staff Octet.

When on the following night, Saturday, April 15, the Informal

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Do Away With War Or Face Annihilation Says Weiner

Professor Norbert Weiner delivered another of his informal addresses to a limited but receptive audience Sunday night. Speaking on the topic "Religion and Responsibility," the professor centered on the position of the scientists in world affairs, laying heaviest emphasis on the Responsibility aspect. Mr. Weiner said in effect that the modern scientist cannot shrug off the responsibility for the effects of his work, but rather that he must decide whether his means are justified by the ends they produce.

The professor dismissed the matter of Religion per se by defining it to include all religions as a standard of behavior rather than

Polls Will Remain Open Until 5.30 P.M. Today

Zacharias Brands U.S. Defense Plans Very Impractical

Present defense plans were branded as dangerously impractical in a speech to the Philadelphia Bulletin Forum recently by Professor Jerrold R. Zacharias, director of the Laboratory for Nuclear Science and Engineering. He believes that America is relying too heavily on the atomic bomb.

The well known Institute physicist points out that Russia is unlikely to risk all-out war, but will continue to make piece-meal advances. Inasmuch as we are reluctant to use the atomic bomb to deter such small, but important, gains, we need more adequate small scale weapons.

Dr. Zacharias notes that Russia has a large land army, a good tactical air force, and a modern submarine fleet. On the other hand, the U. S. armies and air force are small, and we lack good anti-submarine measures. A submarine navy would be useless to us as Russia's shipping is negligible. Finally, our cities are quite vulnerable to atomic bombing, though Russia is not.

What can we do? Dr. Zacharias suggests that we supply arms, tanks, planes and men to Western Europe to discourage a major Soviet offensive. Secondly, we should strengthen our sea lane communications, and lastly, continue, even expand, Marshall Plan aid. He does not believe that the hydrogen

(Continued on Page 4)

TECH SHOW RECORDS

Orders for the twelve inch long playing record which includes all the music from "A Stranger in Town" will be taken Monday, April 17, through Wednesday, April 19, in the lobby of Building 10. The orders which must be accompanied by a \$2 deposit will be on sale from 9 a.m. to 1 p.m. and will be filled within 6 weeks. The total cost will be between \$4 and \$5.

The voice of the majority will speak at Technology today as students of all classes pause to cast their ballots in the annual class officer elections. Victorious candidates will assume office in September and serve for the remainder of next year in the case of the underclassmen, while the senior officers will be permanent.

Balloting will be conducted at the junction of Buildings 2, 4, and 6, and in the lobby of Building 10. A booth will also be open at the 33 Mass. Ave. entrance. Polls will remain in operation until 5:30 p.m. in an attempt to reach as many students as possible. All voters will be required to present registration cards before voting in the election, which climaxes a period of vigorous campaigning by all candidates. The candidates and their activities are as follows:

Class of 1950

For Permanent President

Donald J. Eberly, Cum. 3.23; Inst. Com.; Chairman, National Student Association; Acting Chairman, Foreign Student Summer Project; **The Tech;** Junior Class Representative; President, Physics Society.

Robert W. Mann, Cum. 4.40; President, Senior Class; President, Inst. Com.; Vice President, Junior Class; Chairman, Freshman Council; Vice President, Catholic Club; Chairman, Field Day Committee; Chief Marshal, Field Day; Tau Beta Pi; Pi Tau Sigma; Dorclan.

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New Electrostatic Generator Expected To Be Finished Soon

This week will mark the arrival of the long awaited seventy-five ton steel tank needed for completion of the 12,000,000 volt Van de Graaff generator now under construction, the laboratory of nuclear science and engineering expects. Work on the giant generator has been held up since May while the tank was being readied.

Because of its enormous size, no direct route could be found to bring the tank from the Charlestown Navy Yard to the Institute. Accordingly, the piece is being shipped to the Fall River shipyard by barge and thence will be shipped here by flat-bed trailer.

Work on the tank was hampered first by steel strikes and later by the intricate work necessary for its construction. As soon as it arrives construction will be resumed on the generator which is now approximately two-thirds complete.

To assemble the tank two of the largest cranes in existence will be required. These must also be brought here dismantled and then assembled on the spot.

Binding energies of all the elements in the periodic table are estimated to lie within the energy region below twelve million electrostatic volts. Capacity of the new machine, designed by Professor Robert J. Van de Graaff of the Institute, was designed with this factor in mind—to provide a power source sufficient to successfully bombard and separate the atoms of all the known elements into their component parts.

The Tech

VOL. LXX TUESDAY, APRIL 11, 1950 NO. 18

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Night Editor: Morton A. Bosniak, '51
 Assistant Night Editor: Paul F. Lanning, '53

CALENDAR OF EVENTS

APRIL 12 TO APRIL 18, 1950

WEDNESDAY, APRIL 12

Admissions Office. Guidance Conference for Combined Plan Students. Speakers at opening meeting: Dr. Julius A. Stratton, Dean Everett Moore Baker, and Dr. Vernon D. Tate. Library Lounge, 9:00 to 10:00 a.m.
 Technology Matrons. Tea. The Matrons will be guests of Dr. Vernon D. Tate in the new Hayden Memorial Library from 3:00 to 5:00 p.m.
 Admissions Office. Guidance Conference for Combined Plan Students. Tea for conferees and faculty department representatives. Moore Room, 4:00 to 6:00 p.m.
 Metallurgy Department. Colloquium: "Research on Metallic Films and Smokes." Dr. Louis Harris. Room 2-390, 4:00 p.m.
 Pershing Rifles. Formal organizational meeting in preparation for Parade. Room 1-087, 5:00 p.m.
 Tech Model Aircrafters. Meeting. du Pont Room, 5:00 p.m.
 Technology Catholic Club. Moving Picture: "The Christopher Movement." Reverend Richard Ryan will answer questions. Room 6-120, 5:00 p.m.
 Debating Society. Varsity debate with City College of New York. Resolved: "That the United States Nationalize the Basic Non-Agricultural Industries." Room 2-355, 5:10 p.m.
 Admissions Office. Guidance Conference for Combined Plan Students. Speakers at evening meeting: Dean Thomas K. Sherwood, Dean John E. Burchard, and Professor Ivan J. Geiger. Library Lounge, 7:30 to 9:30 p.m.

THURSDAY, APRIL 13

Admissions Office. Guidance Conference for Combined Plan Students. Informal luncheon for conferees and M.I.T. students from Combined Plan Colleges. Campus Room, Graduate House, 12:15 p.m.
 Technology Dames. Guided tour through Harvard University buildings and grounds, followed by tea at the Window Shop. Meet at Massachusetts Avenue entrance to M.I.T., 2:00 p.m.
 American Society of Civil Engineers, Student Chapter; Graduate Student Seminar Committee, and Civil and Sanitary Engineering Department. Seminar: "Soil Solidification." Dr. T. William Lambe. Color film of field tests and test specimens will be shown. Room 1-390, 4:00 p.m.
 Physics Department. Colloquium: "A New 'Double-Resonance' Method for Investigating Nuclear Moments." Dr. Francis Bitter. Room 6-120, 4:30 p.m.
 American Institute of Chemical Engineers. Student Chapter. Panel discussion meeting: "The Chemical Engineer in Industry." Leading men from local industry will be the speakers. Everyone is welcome. Library Lounge, Hayden Memorial Library, 5:00 p.m.
 Flying Club. Membership meeting. Colored slides. Room 4-270, 5:00 p.m.
 Musical Clubs. Installation banquet. Campus Room, Graduate House, 6:00 p.m. Open to members only.

FRIDAY, APRIL 14

Lecture Series Committee. A lecture by Peter Viereck, Professor of History, Mt. Holyoke College and 1949 Pulitzer Prize winner. Room 10-250, 5:00 p.m.
 Debating Society. Varsity debate with Harvard University. Resolved: "That the United States Nationalize the Basic Non-Agricultural Industries." Room 2-355, 5:10 p.m.
 Assembly Ball Committee. Sixteenth Annual Assembly Ball. Walker Memorial, 10:00 p.m. to 3:00 a.m. For Alumni, Faculty, and Students.
 Mechanical Engineering Department. Seminar: "The Hydraulic Analogue to Gas Dynamics." Dr. Ascher H. Shapiro. Room 3-470, 4:00 p.m. Coffee will be served at Headquarters, Room 3-174, from 3:30 to 4:00 p.m.

SATURDAY, APRIL 15

Walker Memorial Student Staff. Informal dance. Walker Memorial, 8:30 p.m.

SUNDAY, APRIL 16

Nautical Association. Pentagonal Regatta. Boston University, Holy Cross, M.I.T., Northeastern University, and Worcester Polytechnic Institute. Sailing Pavilion, 10:00 a.m.

MONDAY, APRIL 17

Technology Dames. "Children's Rooms." Mrs. Gyorgy Kepes. Emma Rogers Room, 2:30 p.m.
 Mechanical Engineering Department. Moving Picture: "Magic of Steam." Room 1-399, 4:00 p.m.
 Meteorology Department. Seminar: "The Distribution of Horizontal Divergence over Pressure Change Areas" and "On the Migrations of the North Pole." John A. Greene and Robert C. Cowen. Room 12-182, 4:00 p.m.

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Election Page

CANDIDATES FOR '50 AND '51



Candidates for Class of '50 offices may be identified as follows: President: (1) Robert W. Mann; (2) Donald J. Eberly. Secretary: (3) Henry Simmons, Jr.; (4) John T. Weaver; (5) Sander Rubin; (6) William D. Barcus, Jr. Candidates for Class of '51 offices are: President: (7) Arthur Allen Wasserman; (8) Gerald S. Burns; (11) Thomas B. Bishop; (13) Walter E. Johnson. Secretary: (9) Margaret E. Irby; (10) Arthur Orenberg; (12) Stanley J. Marcewicz.

CANDIDATES FOR '52 AND '53



Candidates for Class of '52 offices may be identified as follows: President: (1) Nick Melissas; (2) John Fitch; (3) Edward J. Margulies; (4) Waldo Newcomer. Secretary: (5) Kenneth A. Jonsson; (6) Stanley I. Buchin. Candidates for Class of '53 offices are: President: (7) Merrill L. Ebner; (8) William E. Pennisi; Secretary: (9) Betty Ann Ferguson; (10) Richard M. Jaffe.

Elections (Continued from Page 1)

For Permanent Secretary
 John T. Weaver, Cum. 2.98; Walker Memorial Student Staff; M.I.T. Catholic Club (Secretary-Treasurer, Vice President); A.S.-C.E.; Chairman, Junior Mug-Lift; Senior Mug-Lift Comm.

Henry Simmons, Jr., Cum. 2.75; President, Dorclan; Nautical Assn.; Sales Manager, Voo Doo; Treasurer, Propeller Club.

Sander Rubin, Cum. 3.22; Reporter, Features Editor, Publicity Mgr., Editor, The Tech; Assoc. Editor, VI-A News.

William D. Barcus, Jr., Cum. 4.90; The Tech; M.I.T. Chemical Society; Kappa Kappa Sigma; Mathematics Society; Rugby team.

For Class Marshal
 Thomas J. McLeer, Jr., Cum. 4.02; Vice Pres., Senior Class; Chairman Senior Mug-Lift Comm.; Freshman Crew; Lit. Staff, Voo Doo.

C. Jack Jacoby, III, Cum. 3.83; Chairman, IFC; Asst. Track Mgr.; Asst. Field Day Mgr.; Field Day Mgr.; Secretary IFC.

Mariano A. Romaguera, Cum. 2.65; Voo Doo; Tech Show; Musical Clubs; TCA; Baton Society; Tech-tet; Nautical Assn.

Andrew C. Price, Cum. 3.39; General Mgr., Business Mgr., Advertising Mgr., Voo Doo; Crew Mgr.; Inst. Comm.

Melvin J. Gardner, Cum. 3.37; Chairman, Walker Memorial Comm.; Secretary, Inst. Comm.; Secretary, Exec. Comm.; The Tech.

Claude D. Tapley, Cum. 3.08; President, Treasurer, 5:15 Club; W.M.I.T.; A.I.E.E.; Judicial Comm.; Television Society.

Harvey R. Nickerson, Cum. 3.10; Freshman Council; Voo Doo; W.M.I.T.; Techsappopin; Senior Mug-Lift; Treas., American Ordnance Association.

Herbert D. Limmer, Cum. 4.34; Fall Chairman, Dorm. Comm.; Asst. Features Editor, The Tech; Voo Doo; Tau Beta Pi.

Peter K. Stein, Cum. 4.11; Corr. Sec., A.S.M.E.; Chairman, Publicity Comm., Pi Tau Sigma; Tau Beta Pi; M.I.T.A.A.; Outing Club.

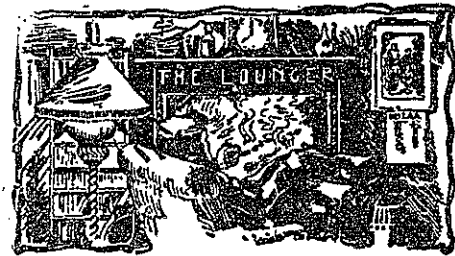
Joseph S. Gottlieb, Cum. 3.78; Tech Show; Mgr., Varsity Tennis Team; Beaver Key; Exec. Comm.; Dorclan.

Class of 1951 For President

Thomas B. Bishop, Cum. 3.43; Judicial Comm.; Treasurer 5:15 Club; Exec. Comm.; 5:15 Club; Student Council Camp Technology; "Benchmark"; A.S.C.E.

Gerald S. Burns, Cum. 3.06; Vice-President, TCA; Chair, Junior Prom Comm.; President Class of 1951; Dormitory Committee; Chairman

(Continued on Page 3)



By STAN BENJAMIN

The Saga of Valerie: The Tech receives all sorts of mail—bills, checks, Clipseets from the Board of Temperance. But in garnering material for this article, I was handed a letter with the scribbled commentary, "required reading." It is from one Valerie Riggs, who says that she has refused to pay income taxes since 1944 and is refusing again this year because, to put it simply, she doesn't like the way the government is spending it. She says that "... those in our government who are deciding our fate for us ... are consulting the cleverest minds in science to concoct the most diabolical schemes for killing innocent men, women, and children ..." This is probably accurate enough to make the boys in Ballistics run their fingers around the insides of their collars, but Valerie has found the solution, fellows! Just refuse to pay your taxes, and the world situation is solved! Let's all Laissez-faire with a big bang!

We appreciate the thought, but someone, whose initials are V. R., is being awfully idealistic. There is even an organization known as the Peacemakers whose members are doing the same as Valerie. So if any of you want to do away with your taxes, we can give you the address of these people and you

too can refuse to pay. There's only one catch—it's illegal.

Incidentally, just on the chance that someone hasn't been out of his room for several months, here is the final word on the John Hancock Building's nightly weather forecasts, via those bright lights atop the building's tower:

Steady red: Rain.
Flashing red: Snow.
Steady blue: Clear.
Flashing blue: Cloudy.

That's all there is to it, so you old salts can pack up your weather-glasses and red sunsets, and if you want the latest forecast, cast that weather eye on the Boston shore. However, we wish to emphasize that this will definitely not replace the albatross.

Dear J. Parnell,

We have found just simply the duckiest little shop in the whole wide world, and we know you'll just love it! It's a quaint old book store that calls itself "New England's Clearing House of Information for Progressives," and publishes a list of its latest acquisitions which sports unabashedly as a bannerhead the slogan "KEEP LEFT with the Progressive Book Shop." The shop is located directly behind a couple of dusty display windows on a little side street in Boston. On one of these windows is scotch-taped a copy of THE WORKER, and both windows are filled with pamphlets, bearing such titles as "A NEW DEPRESSION?" "THE COMMUNIST MANIFESTO," and "THE CASE FOR THE COMMUNIST PARTY." Typically ironical is the title of one booklet we discovered inside the shop; it is called "ANTI-SEMITISM IN RUSSIA—THE BIG LIE," and it claims that in Russia there is no anti-Semitism, Komerade!—the old one-big-happy family routine. We suggest that they look up the word "pogrom" in one of their Russian dictionaries—that is, if the Cominform hasn't invalidated it.

Respectfully yours,
THE LOUNGER

Fraternity Findings

By JIM STOLLEY

The intramural sports program is racing down the home stretch with several fraternities in hot pursuit of the coveted intramural trophy. The program, including football, basketball, track, swimming, volleyball, and squash, provides an excellent chance for Tech men to get the exercise doctors seem to think is necessary for good health. It also brings mental relaxation. . . . We should all put our sliderules, Chesterfields, and Budweiser aside at least once a week and take a quick half a lap around the track. As I was saying though, Theta Chi and SAE are pacing the pack as far as points are concerned, but the softball, track and volley ball contests may still produce a dark horse.

I.F.C. Formal

The Interfraternity Council Formal this year will feature Brad Kent and his orchestra. With due respect to Mr. Kent and his musicians, I think that a big name band would be more in order. The decision for a local band was made in order to save money and make the tickets less expensive. The argument for cheap tickets has always been strong, but the added attraction of a big name band should be enough so that men could curtail their social activities for a couple of weeks and save their money.

Nice Housemother

One of the freshmen at the SAE house has been writing a blonde in the Fred Waring Glee Club. Because she is quite attractive, the house gave its consent to a plan to make her an honorary house mother. During the Spring vacation an official committee journeyed to New York to examine her qualifications, and were treated like kings at Waring's television show. After the performance they learned the bitter truth . . . she is engaged to a Sigma Nu from Colgate.

Elections

(Continued from Page 2)

Soph Prom Comm.; Q-Club; Inst. Comm. Rep.

Walter Johnson, Cum. 3.90; 5:15 Club; Baseball; Intramural Basketball; Metallurgical Society.

Arthur A. Wasserman, Cum. 4.38; Freshman Class Sec'y-Treas.; Sophomore Class Pres.; Junior Class Inst. Comm. Rep.; Walker Mem. Comm.; Stu.-Fac. Comm.; Tech Show General Manager; Judicial Comm. Sec'y.

For Secretary-Treasurer

Margaret E. Irby, Cum. 4.25; Soph Council; Junior Council; Kappa Kappa Sigma; Cheerleader; Association Women Students; Women's Dormitory Vice-President, social chairman.

Stanley J. Marciewicz, Cum. 3.51; Frosh Council; Catholic Club Exec. Comm.; Sec'y-Treas. Class of '51; Q-Club; Junior Prom Comm.; Asst. Coach Tug-of-War.

Arthur Orenberg, Cum. 4.10; 5:15 Club Social Comm.; Exec. Comm.; All-Tech Dance; AIEE-IRE.

For Institute Committee

Walter E. Casey, Cum. 3.29; Inst. Comm. Rep.; Soph Prom Comm.; MITMA; 5:15 Club; Catholic Club. Russell W. Osborn, Jr., Cum. 2.32; Football; Catholic Club; 5:15 Club; Junior Council; Stu.-Fac. Comm.; Young Rep. Club.

Lester W. Preston, Jr., Cum. 3.77; Inst. Comm. Rep. and Elec. Comm. Class Council; Sec'y-Treas. Freshman Class; Stu.-Fac. Comm.; Open House Comm.; Q-Club; IFC.

Ralph F. Romano, Cum. 3.19; Publicity Chair. Class of 1951; Soph Prom Comm.; Junior Prom Comm.; TCA; Dorelan; Q-Club.

Harold A. Siegel, Cum. 2.63; Dormitory Comm.; Nautical Association; Hillel Corresp. Sec'y; WMIT.

Peter L. Silveston, Cum. 4.22; Tau Beta Pi; Kappa Kappa Sigma; Agenda; TCA; Soccer; Lacrosse; Squash.

Thomas A. Weil, Cum. 4.75; Freshman Section Leader; Stu.-Fac. Comm.; Outing Club Treasurer, Office Mgr.; Open House Comm.; TCA Boys' Work; Dorelan.

Class of 1952 President

John Fitch, Cum. 4.29; Drama-shop Pres.; WMIT; The Tech.

Edward J. Margulies, Cum. 4.47; Inst. Comm. '52; Elections Comm.; Chairman, Soph Prom Comm.; Soph. Football; Sec.-Treas. New Dorms House Comm.; TCA Senior Board.

Nick Melissas, Cum. 3.24; Dormitory Comm.; Debating Society; M.I.T. Bridge Club; Technicon Society; 1950 Open House Committee.

Waldo Newcomer, Cum. 4.27; Inst. Comm. '52; Quadrangle Club Pres.; Student Chairman, Red Cross Drive; Soph Football; Lacrosse; Soph Class Executive Comm.

Secretary-Treasurer

Stanley I. Buchin, Cum. 4.45; Chairman, Soph Publicity Comm.; Elections Comm.; Quadrangle Club; Assistant Field Day Manager.

Kenneth A. Jonsson, Cum. 2.73; Elections Comm.; Co-Chairman,

Letters to the Editor

MORE MINUTES

Editor, The Tech
Dear Sir:

This letter is in reply to a previous letter to the Editor which quoted from the minutes of an Institute Committee meeting, March 13, 1947:

"That any organized action, or attempts to organize action, for the nomination, promotion, or election of a candidate for any living group or activity shall be considered grounds for disqualification . . ." etc., etc.

I quote from the minutes of the Institute Committee one week later, March 20, 1947:

"M.S.P. that the existing rule concerning nominations for elections passed on March 13, 1947, be repealed."

It is my opinion that any individual who quotes from past minutes of any legislative body incurs an obligation to present the entire picture. I hope that no injurious confusion among candidates and voters has resulted.

Dan R. Test, '51
Chairman, Elections Committee
Case Closed—Ed.

Soph Social Comm.; TCA; Inter-Fraternity Conference.

Institute Committee Representative

Harold R. Lawrence, Cum. 3.48; Vice President '52; Walker Memorial Comm.; Chairman, Activities Ball Comm.; 5:15 Club; Vice-President, A.S.C.E.; Soph Executive Comm.

Gilbert H. Lewis, Cum. 3.42; Interfraternity Council; Crew; Society of Naval Architects and Marine Engineers; Budget Comm.

Lawrence W. Mayer, Cum. 2.68; Quadrangle Club, Secretary; Interfraternity Council; Frosh Wrestling and Lacrosse; Intra-mural Swimming and Football.

James L. Stockard, Cum. 3.67; Co-Chairman, Soph Social Comm.; Elections Comm.; Agenda, Pres.; Quadrangle Club, member-at-large; Mathematics Society; Rocket Research Society; Intramural Basketball, Softball.

Class of 1953 President

Merrill L. Ebner, Cum. 3.83; Inst. Comm. representative; Sec.-Treas., Frosh Council; Co-Captain, freshman football; A.A. treasury assistant; Chairman, Frosh council freshman placement comm.

William E. Pennisi, Cum. 4.02; Freshman council; Student-faculty comm.; Nautical Assoc.

Secretary-Treasurer

Betty Ann Ferguson, Cum. 3.31; Field Day cheerleader; Techs-a-poppin cheerleader; Tech Show; Frosh Council; Assoc. of Women Students.

Richard M. Jaffe, Cum. 3.89; Sec.-Treas., Frosh Council; Inst. Comm. representative; Orchestra; Concert Band; Chairman, Band and entertainment Comm. frosh council.

Institute Committee Representative
Gilbert D. Gardner, Cum. 3.69; Inst. Comm. representative; Frosh Soccer; Chairman, Social Comm., Frosh Council; T.C.A. Drive Chairman; Agenda.

Edward Levy, Cum. 3.42; Chairman, Field Day Comm., Frosh Council; Chairman, Open House Comm., Frosh Council; WMIT publicity staff; Frosh swimming team.

Daniel A. Pichulo, Cum. 2.85; Frosh Football; Frosh Council Social Comm.

Bennett Sack, Cum. 3.96; Frosh Activities Comm.; Frosh Social Comm.; WMIT announcer.

Tuxedo's \$3.00
Single & Double Breasted

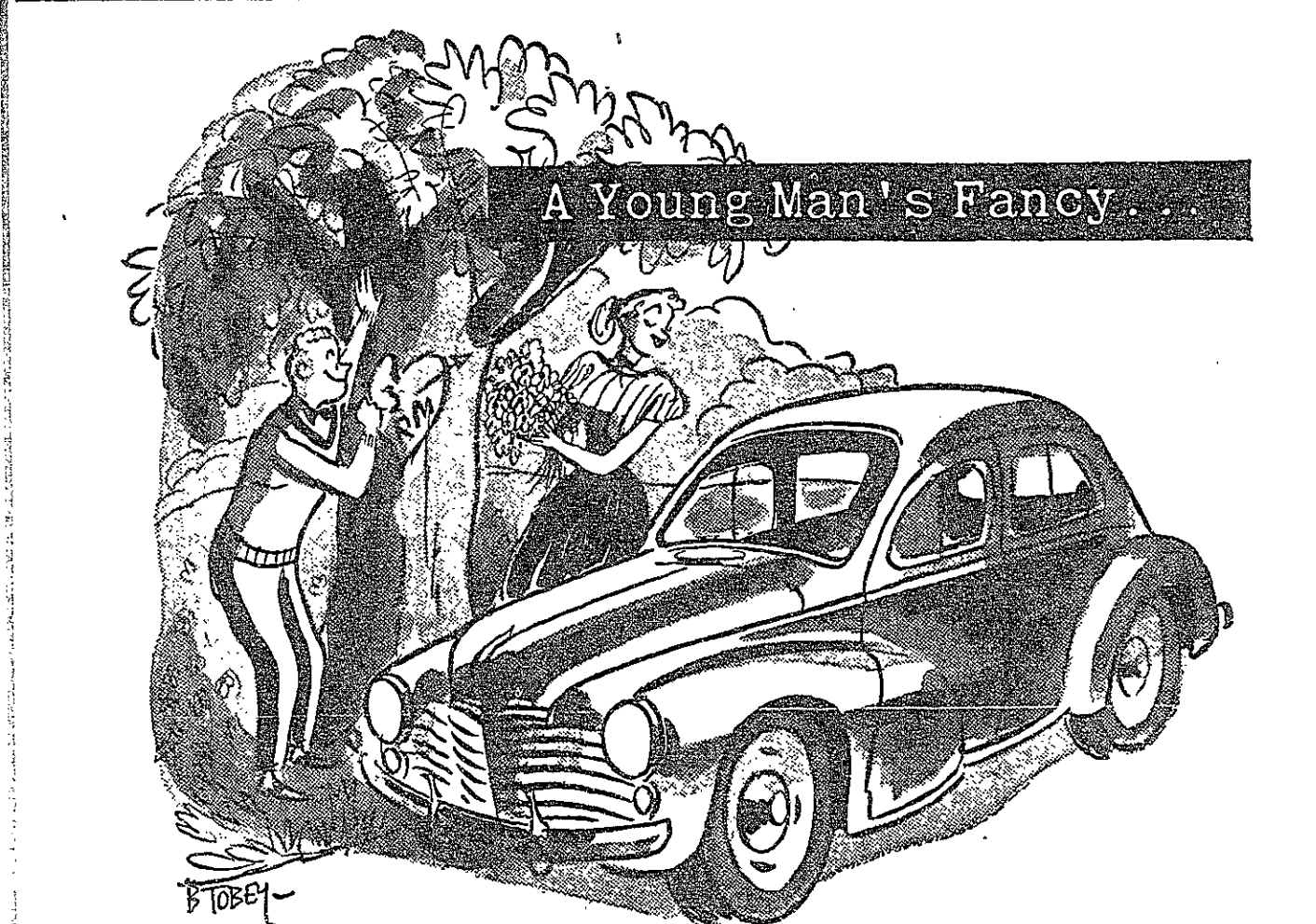
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The Beaver Bark

By Mort Bosniak

Last year during the football season, the Sports Editor of **The Tech** decided that he would predict the outcome of some of the football games of the week. He met with only moderate success.

If the number of wrong predictions during any one particular week was a bit high, many readers seemed to remember these mistakes and the Sports Editor took a little heckling. That is why I am a little hesitant in making my predictions of the final standings in the Major League pennant races. However, I do have the safety factor of time working in my favor. Very few people will remember who I predict for the final standings by next September and if I'm all wrong, well then perhaps no one will remember my bad judgment. However, if by some stroke of good fortune my prognostications are correct, then you can be sure that if you forget what I have predicted, I'll most certainly remind you of my success.

With this in mind, here are my predictions for the 1950 Major League campaigns.

National League

- Brooklyn**—It's in the bag—they'll take the flag.
- Boston**—The batting of Gordon and Marshall one must fear, and Johnny Sain will have a better year.
- St. Louis**—Musial, Slaughter, and Pollet they still hold—but the team is getting mighty old.
- Philadelphia**—Plenty of speed and hustle they'll show—but fourth is as high as they will go.
- New York**—Durocher got Stanky and Dark on his decision but Leo will only get a first in the second division.
- Pittsburgh**—Mighty Ralph Kiner is his name. He'll win for the Pirates many a game.
- Cincinnati**—Chicago and this Blackwell feller, will keep the Reds out of the cellar.
- Chicago**—Poor old Frankie Frisch will have a red face, as he sees his boys landing in last place.

American League

- Detroit**—I'm sticking my neck out on this one. I hope I'm not sorry for what I've done.
- Boston**—Pitching is still keeping them from the top. If McDermott comes through the pennant they might cop.
- New York**—The Yanks also appear to be strong, and they may very well prove that I am wrong.
- Cleveland**—It looks like Feller is through. The same with Keltner and Gordon too.
- Philadelphia**—The A's want to win for old Connie Mack, but weak batting punch will hold them back.
- Chicago**—The Chisox have improved in pitching and hitting, but at the end of the year in sixth they'll be sitting.
- Washington**—There is plenty of hot air in Washington, so there should be no reason, for the Senators to have a cold team this season. But they will.
- St. Louis**—The saddest team in the majors the Brownies are called. It will be a pity to see them mauled.

Calendar of Events

(Continued from Page 2)

- Physics Department, Spectroscopy Laboratory, Research Laboratory of Electronics, and Laboratory for Nuclear Science and Engineering. Sixth of a series of ten lectures by Hans Kopfermann, University of Goettingen. Room 4-231, 4:30 p.m.
 - American Institute of Electrical Engineers — Institute of Radio Engineers. Lecture and demonstration: "Development of a 50 to 920 Megacycle Standard Generator." Erwin Gross, General Radio Company. Room 6-120, 5:15 p.m.
- TUESDAY, APRIL 18**
- Technology Matrons. The Bridge Group. At the home of Mrs. Clair N. Sawyer, 451 School Street, Belmont, 1:00 p.m.
 - Acoustics Laboratory. Seminar: "The Effects of Noise and Distortion on the Intelligibility of Speech." Dr. J. C. R. Licklider, Lecturer on Psychology, Harvard University. Room 20E-121, 4:00 p.m.
 - Mechanical Engineering Department. Moving picture: "Magic of Steam." Room 1-190, 4:00 p.m.
 - Institute of Aeronautical Sciences. "Airports for Jet Liners." Colonel Crocker Snow, Director, Massachusetts Aeronautics Commission. Room 1-190, 5:00 p.m.
 - Christian Science Organization. Meeting: "Healing." Ware Lounge, 5:15 p.m. All are welcome.
 - Economics and Social Science Department. Graduate Economics Seminar: "Relationships between Economic Stability and Structural Reform of the American Economy." Edwin B. George, Dun & Bradstreet, Inc. Library Lounge, Hayden Memorial Library, 8:00 p.m.

NAUTICAL ASSOCIATION

Shore School will be held daily at 5:00 p.m. in the Sailing Pavilion from April 10-21.

EXHIBITIONS

The Japanese bird prints by Rakusan Tsuchiya, internationally known Japanese painter, will be shown in the New Gallery of the Hayden Memorial Library until April 26. Photographic salon prints by Axel Bahnsen of Yellow Springs, Ohio, will be on display in Photo Service Gallery, Basement of Building 11, until April 30.

CALENDAR OF EVENTS

The Calendar of Events is published weekly on Tuesday in **THE TECH** and contains announcements for the following week. It is sent without charge to all members of the staff, heads of D.I.C. projects, as well as to the leaders of various organizations. A separate listing of the Calendar of Events will be mailed to others for one dollar a year, payable in advance at Room 7-204.

Announcements, typewritten and signed, must be in the Office of the Editor, Room 7-204, not later than noon on Thursday, prior to publication date. Material for the Calendar, April 19-25, is due April 13.

A. I. Ch. E. Holds Lecture Featuring Three Speakers

The American Institute of Chemical Engineers will sponsor a student seminar on "Chemical Engineers in Industry" at 5 p.m., Thursday, April 13, in the New Faculty Lounge of Building 14. Speakers will be Dr. C. A. Stokes of the Cabot Carbon Company, Austin W. Fisher of the Arthur D. Little Company, and Walker B. Parker, associated with Dewey and Almy.

Zacharias

(Continued from Page 1)

bomb would enhance our position any more than the atomic bomb has already.

All this armament is necessary in order to postpone a war, in the hope that people will eventually learn that they must live together, or not at all. Dr. Zacharias concluded that "What we all hope is that the nations of the world, including the U.S.S.R., will eventually unite in fact as well as in word. That is ultimately the only possible way to live."

A-Ball (Continued from Page 1)

Dance Committee under the chairmanship of Paul W. Kiesling, Jr. '51, presents its informal "I-Ball," the confusion between it and the "A-Ball" will be cleared up.

The "I-Ball" is also a bid affair which is supported, like the Assembly Ball, by the profits from the popular informal dances given each month by the student staff. Though not so decorous as the Assembly, the "I-Ball" promises to lend itself not only to those hearty individuals who have stamina to dance a second night, but also to those who would like to "sit out" and have a party.

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Boston Lacrosse Club Subdues Engineers 12-8; Aycrigg Shines

Last Saturday afternoon at Briggs Field, the Tech Lacrosse team initiated this year's season with a loss to a strong Boston Lacrosse Club by the score of 12-8.

Coach Martin expressed the opinion that his team this year is ahead of last year's team at this time. The opposition's big gun, Fish, a former All-American, got four goals and an assist to his credit. The Tech star of the day was Aycrigg with three goals, two of them unassisted.

Engineers Lead At Half

The first half of the game was very close with the Engineers leading 5-3 at the intermission. Tech drew first blood after four and a half minutes when Aycrigg, assisted by Lea, scored the first goal. Within the next three minutes the BLC scored two goals. Near the end of the period Aycrigg scored again for Tech and left the score tied 2-2 at the end of the first frame.

In the second period Bolta put

Tech in the lead again but the BLC again knotted the count at three all. In the last five minutes of the half both Shumway and Pearlman were able to score for the Beavers.

BLC Score Three Times

The BLC came back fast in the third period to score three fast goals; two of the goals were within fifteen seconds of each other. Aycrigg then scored the lone Engineer goal of the period. The BLC scored two more goals during this period and at the close of the third canto the Boston Club held a slender two-point advantage, 8-6.

The BLC lost no-time in adding insurance with 3 more goals in the fourth period. The Engineers began to show life again when Miller scored at 8:56 and Haven duplicated the feat less than a minute later. However, the ever-present Fish, of the Boston Club, scored his fourth and the game's final goal, to make the final score 12-8.

Varsity Faces BU With Dixon On Hill Frosh Vs. Crimson

Tech's baseball team will make its first local appearance when it tangles with B.U.'s Terriers at Nickerson Field tomorrow afternoon. The Beavers will open with Amos Dixon, who looked spectacular on the southern trip, on the mound, while his receiver will be reliable Gene Lubarsky. The infield will have Warren Fenster on first, politician Mike Johnson on second, slickfielding Mike Celantano at short, and Will St. Laurent at third. The hard-hitting veteran outfielders will be Barney Byrne in left, Capt. Jack MacMillan in center, and Pete Philliou in right.

The varsity played a three inning practice game with the frosh last Friday, winning by a score of 8-2. Roland Plante, a freshman pitching for the varsity, looked magnificent as he stood his erstwhile team-mates on their collective ear. Plante will undoubtedly start tomorrow's freshman opener with the Harvard frosh at Harvard.

Riflemen Finish Seventh In Intercollegiate Meet

Beaver Sailing Crew To Race Ten Schools

Eight Tech sailors are leaving next Thursday to compete for the McMillan Cup at Annapolis this weekend. The meet was initiated through the generosity of the Naval Academy. The race will be held on Chesapeake Bay. The ten schools competing in the race are: Brown, Harvard, Bowdoin, Princeton, Yale, Penn., Cornell, Colgate, Navy, and M.I.T. These teams were chosen by a special committee of the Intercollegiate Yacht Racing Association.

For the first time in recent years the event will be held in 44-foot yawls. Ray Brown who is familiar with Chesapeake Bay will be skipper of the Tech crew which includes Howard Fawcett, Mike Doyle, Bob Nickerson, John Hansen, R. P. Smith, Ken Eldred, and Hank Simmons.

Results from twelve other sections of the National Intercollegiate Rifle Tournament gave Technology's varsity riflemen seventh place in a field of 150 teams, according to the National Rifle Association. The loss of a first, second, or third place came as a surprise to the Engineer team, as all five of the Eastern teams that placed above Tech in the championship match had been defeated by the Beavers in one of two matches fired in the two weeks previous to the Intercollegiate. The one Western team to make a showing, the University of Wyoming, fired on its home range with no shoulder-to-shoulder competition.

Voelcker Takes Championship

The 293 x 300 fired by Herb Voelcker of M.I.T., which was known before to break the old individual record, has been confirmed as the new intercollegiate record, and gives Voelcker the national individual championship in a field of about a thousand shooters.

With a respectable showing in the Intercollegiate, the riflemen ended the most successful season in the team's history. It was certainly the most extensive, for it was the first time that the Beavers have had a schedule that included matches with all of the powerful teams in the East, and the first time they have had a chance to fire in the large championship matches. The schedule included twelve dual matches, of which the Engineers lost one. In matches with several schools at a time, the Techmen gained first places in fields of thirty-six teams, six teams and five teams. They also twice took first place honors in competition with three schools and a third place in a field of four. The squad fired against the teams of twenty-seven colleges before the intercollegiate, and defeated each at least once. Six of those schools also defeated the Beavers, however.

Members of Squad

Perhaps the most brilliant feature of the team was its depth. Because a large number of matches was scheduled, replacements were frequently necessary, and many important matches were won when the best shooters were absent. Members of the 1950 squad were Frank Gauntt, Dud Hartung, Kyle Worley, John Pasieka, Herb Voelcker, Arthur Turner, Sark Zartarian, Jim Robertson, Arthur Auer, Allen Tanner, John Champeny, Malcolm Stuart, and Charlie MacDonal.

Outlook Good

In spite of the loss of Captain Robbie Robertson, the team's prospects for next year are excellent. All other members of this year's varsity team will return with a valuable year's experience. In addition to some promising freshman shooters, Mel Bowers, an All-American rifleman who transferred to Tech this year from the University of Maryland, will strengthen the varsity for the coming season.

Tech Fencers End With 4-4 Record

The 1950 season was only fairly successful for the Beaver fencing team, which finished the season with a record of four victories and four defeats. It was the first year for the team under the tutelage of Coach Vitale, who became coach after the retirement of Joe Levis. Frank Kellogg very capably captained the squad while alternating in saber and foil.

The leading scorer for the season was Follman Tony Mirtl. Other high men for the team were Fred Rayfield, Captain Kellogg, John Lowry, Charley Kurz, and Pete Ney. With the exception of Kellogg and Rayfield all these men will be returning next season. The squad will also be bolstered by the return of foilmen Dick Maroney and Tony de Alteria.

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Pulitzer Prize Poet To Speak On Revolt In American Poetry

Peter Viereck, Pulitzer Prize-winning poet and historian, will lecture Friday, April 14, at 5:00 p.m. in Room 10-250. The talk, sponsored by the Humanities Division and Lecture Series Committee, will be on the subject *Mid-Century Revolt in American Poetry*.

Mr. Viereck's book of poems, *Terror and Decorum*, won the 1949 Pulitzer Prize for poetry, and a new volume of verse, *Strike Through the Mask!* has just recently been published. Viereck believes in poetry that people can understand, and that is the revolt he will refer to in his lecture.

He has achieved wide acclaim for his work as a political theorist as well as for his poetry. His other books are *Metapolitics and Conservatism Revisited*. The former is a discussion of Nazism, and the latter is a work illustrating the value of conservatism in our world today. Both studies have been very highly commended. Mr. Viereck, who served in the army in the African and Italian campaigns, is now associate professor of history at Mount Holyoke College.

Compton

(Continued from Page 1)

Princeton, provided I might be fortunate enough to be awarded a fellowship. Incidentally, this job of teaching chemistry at Wooster is the only position I have ever held for which I applied.

Toward the end of that year came my application for a postgraduate fellowship at Princeton. In this I was unsuccessful, being informed that there were other applicants whose claims to a fellowship appeared superior to mine. I was, however, offered a half-time teaching, half-time graduate student position, which I accepted. In my second and third years at Princeton, I was awarded very generous fellowship aid. The most astonished young man in Princeton was I when, near the end of my first year there, the head of the physics department came into a laboratory class which I was conducting and, with the very stern look on his face which I later learned was the mask that concealed his excitement, informed me that the faculty had awarded me the most prized fellowship in the institution. I thought at first he must be joking, for I had had the misfortune to lose all the results (except experience) of my first year's effort at research when an overnight plumbing leak in the room above my laboratory had completely wrecked my experimental apparatus just before its final test.

At last, with my Ph.D. degree practically assured, I began looking around for a teaching position. No college scouts in search of budding talent came to Princeton for young physicists, and I began to get desperate. Finally I made out a list of forty colleges or universities, with any one of which I would have gladly cast my lot, and to each I wrote the best letter of application I could compose. Having mailed these letters, I anxiously awaited the results. When they came, I was sunk. Out of the entire list came only one offer,—an instructorship at six hundred dollars per year. I could not get married on that salary, and this event had already been over-long postponed.

In Friday's installment, Dr. Compton recalls his experiences as a teacher at Reed College and his return to Princeton, where he became head of the Department of Physics.

Job Prospect

(Continued from Page 1)

where there are now the heaviest concentration of workers.

In engineering, the number of graduates will exceed the number of openings in the early 1950's; after the next 4 or 5 years, the employment situation for new graduates is likely to improve in this rapidly growing profession.

Competition in chemistry will also be keen during the next few years among persons without graduate training. There will also be an oversupply of business administration and accounting graduates.

Graduate Training Desirable

Those whose training lies in crowded fields have several alternatives open to them. First of all, they would be well advised to explore the possibility of entering any fields closely related to their pri-

mary interest field where there may be no jobs. They should also explore the possibility of graduate training to equip themselves with more specialized fields.

To emphasize that most job opportunities occur as a result of turnover is not to belittle the number that arise through expansion. Growing markets, technological improvements, and the development of new industries all create job openings for inexperienced workers with the proper training.

Employment in certain parts of the country is growing more rapidly than in others in the long run. This is true on the West Coast, the South Atlantic region and Texas. The supply of workers, however, in some of these areas—the West Coast for example—has increased more rapidly than job opportunities. Many rural areas require more workers in particular professional fields than the cities.

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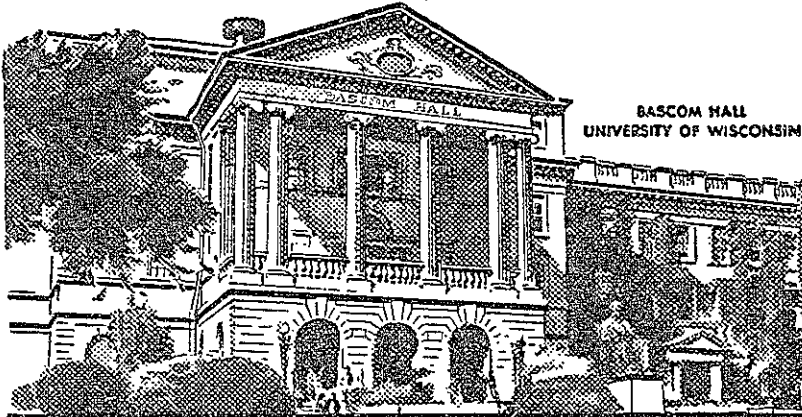
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