



Famous Scientists To Give Lectures

By LEONARD SOLOMON

The School of Engineering and Architecture of the City College will sponsor a series of lectures in engineering by distinguished scientists and engineers.

The lecture series, which will extend until May 1966, was made possible by a grant from the New York State Science and Technology Foundation. The foundation has given a \$25,000 grant to the various engineering departments. Both the civil and mechanical engineering departments will jointly sponsor lectures on engineering mechanics, while the electrical and chemical engineering departments will hold lectures in their own fields.

Pertaining to the lectures on engineering mechanics, the first two visitors are Professors P. Den Hartog and Bernard Budiansky. An internationally known authority in the field of mechanical vibrations, and a professor of mechanical engineering at M.I.T., Dr. Den Hartog's visit was from May 10 to May 12, at 4:30 P.M. in Room 123, Steinman Hall, on "Dynamic Stability."

Dr. Budiansky, Gordon McKay Professor of Structural Mechanics of Harvard University, is a well-known scholar in the field of aero-elasticity. He will be at the College from June 1 to 4, and

will speak on "Dynamic Buckling of Imperfection—Sensitive Structures" in Room 123, Steinman Hall on June 2 at 4:30 P.M.

In addition to these men, many famous scientists are being asked to come starting next fall. Already engaged to speak in the field of engineering mechanics are Dr. Pai of the University of Maryland, and Dr. Yih of the University of Michigan.

It is intended that these lectures will help support the evolving doctoral program of the City University of New York. The engineering mechanics lecturers will stay at the college from three to seven days. They will be given an office and any student, undergraduate or post-graduate, or any teacher, will be invited to make appointments with these professors in order to discuss any problems that they are having with their research work.

In the electrical engineering department there will be a slightly different system. This department plans to engage a noted scientist one day a week, for all of next year. During this day (Continued on Page 4)

Weitzman Inaugurated: Zippert Contests Election

Carl Weitzman was inaugurated last night in ceremonies held at the Statler Hilton Hotel in New York. The affair climaxed last week's election battle.

The oath was administered despite the fact that the election result is being contested by defeated candidate John Zippert. Zippert claims that the election is void because of alleged illegal publicity used by the Campus First Slate, and the administrations supposed interference in the elections and their role in ordering the polls closed for a limited time on Thursday.

Zippert hopes to have a faculty committee decide on the validity of his claims.

In the election, the Campus First Slate registered an overwhelming victory. Marty Kauffman was elected Executive Vice President, Mike Segall is the new Treasurer, Herman Berliner is Educational Affairs V.P. and Rubin Margules Campus Affairs V.P. All are members of Campus First. Bill Reich from the Commitment Slate was elected Secretary and Paul Biderman running unopposed was elected Community Affairs V.P.

Weitzman, in his acceptance address last Friday urged a reconciliation of various factions on campus in the hope that by working together a great deal can be accomplished in the coming year.

Political analysts see the election as an indication of the greatly increased influence of Interfraternity Council and the engineering students. Both groups were major factors in Weitzman's victory. In the fraternity group Zeta Beta Tau has taken an unprecedented position of leadership in relation to student government, with eight members holding office.

Observers also see the election as a refutation to the liberal approach to student policy making



CARL WEITZMAN

at City College.

Henry Weinberg was elected President of the Senior Class and Richard Rosenfeld, Co-editor in Chief of TECH NEWS, was elected to the position of Vice President of the Senior Class. Both are members of Zeta Beta Tau.

A list of other election results will be found on page 3.

Larry Cooley Joins Staff

By EDWARD SMITH

Mr. Larry Cooley is a new addition to the staff of the Placement Office, filling the position previously held by Mr. Chuck Meyer, who is now working with the Olivetti-Underwood Corporation. Mr. Cooley is a native of Kansas. He is a graduate of the University of Kansas, from which he received a liberal arts degree in 1955.

He was singularly impressed by the idea of a tuition-free university. Until coming to City College, he had no idea that this sort of institution existed.

Mr. Cooley's work primarily concerns graduating senior placement, and when questioned about placement opportunities still existing, indicated that although job interviews on campus ended in April, individual leads on jobs can still be supplied and good quality jobs still exist.

After graduation, Mr. Cooley served as an officer in the United States Air Force for three years, and since then he has worked abroad. For three years he served as a teacher for the French Ministry, instructing English in a school. He also held a position in France with the United States



LARRY COOLEY

Army for three years. Last year he returned to the United States and worked for the Columbia Broadcasting System in connection with the election coverage.

VECTOR REVIEW

By JOHN SPINNER

This school year's last VECTOR is filled with a pleasant mixture of the technical, the non-technical, and the whimsical. Six articles are featured, dealing with subjects ranging from earthquakes to photochromatic glass. There are the regular departments, with added information and some interesting twists, plus the revival of an old department that provides some laughs.

Four technical articles highlight the issue, led by the outgoing Editor-in-Chief's feature on Thermodynamics. Victor Greenhut presents in his third, and last article

(Continued on Page 4)

History Journal Success

The Journal of the History of Ideas, a scholarly publication at City College, marked its twenty-fifth anniversary this year.

One of the few scholarly journals in the world which manages to be self-supporting, the Journal began publication in 1940 with a handful of subscribers and contributors, and a gift of \$6,500 to cover initial costs.

Testimony to the publication's international influence came in 1953 when the Communist Party newspaper Pravda subjected it to a column-long attack. This leading Soviet publication held up the periodical as a noteworthy example of "decadent" bourgeois western scholarship. Articles published in the Journal were labeled "putrid."

The Journal's many-faceted success, according to Professor Philip P. Wiener, chairman of the City College department of philosophy and editor of the publication since its inception, can be attributed to its unique synthesis of the subject matter.

It has brought together topics which tend to be academically isolated from each other — history, art, literature, philosophy, and the natural and social sciences. As a meeting place for scholars from different fields, it bridges the gap between one specialty and another.

Except for book reviews, all material appearing in the journal is unsolicited. The one notable exception has been the appear-

(Continued on Page 2)

Charter Day Observed

Last Thursday, May 13, City College celebrated the foundation of the College 118 years ago and honored its graduating seniors at the annual Charter Day exercises. Dr.

William Gallagher discussed the challenge to free higher education today in respect to the need for increased educational opportunities for the Negro and Puerto Rican. It is for us "to match the needs of Townsend Harris with a student enrollment which is inclusive of this century's varieties of mankind," Dr. Gallagher said. Dr. Gallagher also spoke on the need for eternal vigilance in the defense of freedom, and of our role in respect to this defense.

Chet Huntley, who was scheduled to appear as guest speaker, was unable to attend due to his commitments with NBC.

The list of students honored is long. It is a good indication of the excellent achievements of City College students. A complete list will be found on page four.

Pledges Accepted

Rene Oliveras, the president of Tau Sigma, the national honorary mechanical engineering fraternity, has announced that the following pledges have been inducted into the organization. They are Arnold Alpert, Fred Garfin, Peter Hahn, Peter Konieczny, Stuart Lasher, Daniel Schaeffert, and Leonard Solomon.

'66 Heralds E-Day

By JEANETTE ALTMAN

Tech Council has organized a committee to work on E-day, for the spring of 1966. On E-day, City College engineers and architects set up exhibits, projects, and demonstrations of their research and these exhibits are open to everyone on the designated Saturday.

The committee has received the first allocation of money from Student Government. Many organizations who have not participated in E-day for several years have been given all the money they requested. The last E-day took place in the spring of 1964.

Tech Council also announced that all organizations who requested money were given more than they wanted. This money will be used for films, speakers, field trips, exhibitions, teas and dances in the fall of 1965.

Some of the organizations that requested money and received it are the American Institute of Aeronautics and Astronautics, the American Institute of Chemical Engineers, the American Institute of Civil Engineers, the American

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Sore Loser

John Zippert lost last week's election for the Student Government Presidency by more than 400 votes. This margin is more than sufficient to indicate the desire of the student body to be rid of him. But, John Zippert will not accept their verdict.

In an impassioned tone Zippert addressed those assembled at the election eve dance and stated that although "some people will call John Zippert a sore loser" he would contest the election.

We say John Zippert is a sore loser and the charges on which he seeks to defy the will of the electorate are trumped up.

Zippert claims that the insertion into Observation Post of a letter disclaiming their endorsements is basis for him to protest. Perhaps he is not aware that freedom of the press works in two directions, and those who disagree with what is stated in the newspapers have the right to voice their objections. The method employed by the Campus First Slate was not illegal, but it was devastating. Perhaps this accounts for Zippert's strenuous objections.

Secondly, Zippert feels that the administration's decision to allow Carl Weitzman to print a reply to the O.P. editorial of last Thursday, using administration paper and mimeo machine, was illegal interference. We can only comment that the administration made their decision on the grounds that Weitzman's refutation did not constitute publicity, but rather was justifiable, due to the nature of O.P.'s unsupported smears against Weitzman. We believe the administration was correct.

Thirdly, Zippert is protesting Joel Cooper's actions in closing the polls during the time required for Weitzman to circulate his answer to O.P. Cooper, who was acting S.G. President, took this action after consultation with President Gallagher and Dean Blaesser.

Zippert claims that the polls on South Campus were closed for a longer period than those up North. This is true, but does not constitute grounds for protest. The incident can only be attributed to an administrative error on the part of the Elections Agency who were generally inept in their performance throughout last week.

Zippert said last Friday, that he will split this campus if necessary to get his way. It is his privilege to try, but remarks of this caliber make it obvious why the student body of City College voted the way it did.

We congratulate Mr. Weitzman on his victory and wish him every success for the coming year. It is our hope that through properly channelled effort he can bring about many of the improvements so urgently needed at City College. We further hope that those who were disappointed in the outcome of last week's elections will use good sense and contribute to the general welfare of City College either by joining Mr. Weitzman or serving a valuable function in the role of loyal opposition.

We wish all a happy, healthful and satisfying summer.

Letters

To the Editor:

On Thursday, April 29, between the hours of twelve and two in the afternoon the forces of House Plan combined with the strident musical (?) accompaniment of the R.O.T.C. Fife and Drum Corps vented their considerable energies on a noisy parade on the South Campus. This procession was formed to advertise the so-called "Carnival Macabre," an event easily sanctioned by the college authorities.

If House Plan and its marshmallow headed members are permitted (and I don't say that they should be denied) these activities, why must the "difficult" organizations on campus have such a hard time forming political demonstrations? The only answer is that the college administration, under the guise of education and academic freedom, only wishes to encourage the harmlessness of its students. When we are regaled with the platitude about "preparing the intelligent leaders of the future" this above stated harmlessness is the exact meaning of the cliché.

Martin Amster, 401

E-Day...

(Continued from Page 1)

Institute of Mechanical Engineers, the Institute of Electrical and Electronics Engineers, Tech Council, the Student Chapter of the American Institute of Architects and the Executive Development Club, which is a leadership training group for engineers.

In order to provide some food service facilities for the many students who use the library at this time of the semester, the Finley Center Snack Bar will be open from 11:00 A.M. to 3:00 P.M. on Saturday, May 15th and May 22nd.

Journal...

(Continued from Page 1)

Since in 1948 of the previously unpublished correspondence between Justice Oliver Wendell Holmes and City College philosopher Morris Raphael Cohen.

The editorial board of the publication is composed of some thirty well-known scholars from America and abroad, including Hans Kohn, professor emeritus of history at City College; Richard P. McKeon, distinguished service professor of Greek and philosophy at the University of Chicago; Henry Nash Smith, author and professor of English at the University of California; and scholars at universities in England, Sweden, Italy and Japan.

So selective is the editorial board that approximately 75 per cent of submitted articles are rejected, an unusually high proportion for a scholarly journal. Two editors within each speciality must approve an article before it can be published.

According to Dr. Wiener, even a rejection notice contributes to scholarship since editors provide lengthy and valuable criticisms which prove helpful to authors.

Contributors to the Journal have included Bertrand Russell, Jacques Barzun, Arnold J. Toynbee, and Peter Viereck.

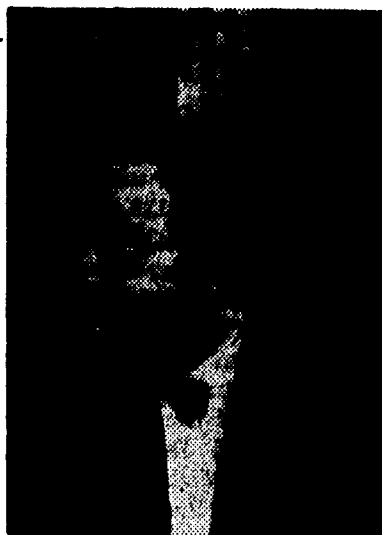
No mention of the anniversary of the publication has been made in the pages of the Journal. "The observances had no bearing on scholarship," said Dr. Wiener, "so we felt it had no place in the publication." He conceded, however, that the editors and directors did get together for a dinner at a small faculty club in the city.

Inquiring Technographer Faculty Opinions

By PHIL BURTON

QUESTION: Do you think that a "publish or perish" policy is to the benefit of City College?

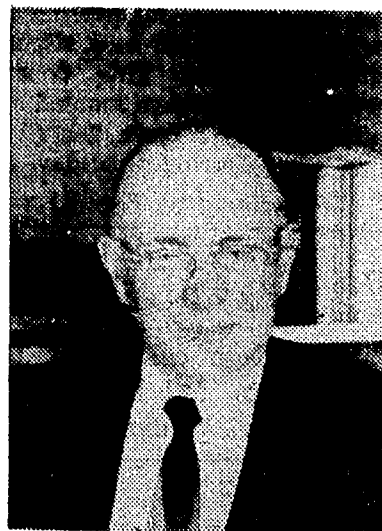
WHERE ASKED: On campus. Dr. Buell G. Gallagher, President of the College. My answer is that we do not have a "publish or perish" policy nor do we contemplate one. We need teacher-scholars and research-scholars both. Our recruitment policies and promotion practices are clearly designed to carry out both these purposes.



DR. GALLAGHER

Dean William Allen, Engineering. No! We don't judge people on such a basis. The judgment of a person's total worth to the institution is weighed on the basis of three factors. These are:

1. teaching efficiency
2. scholarly achievement
3. contribution to college and community



DEAN ALLEN

These three factors are not regarded as separate compartments. It is the overall judgment of the individual that counts. We would normally expect to find some achievement in each of these categories.

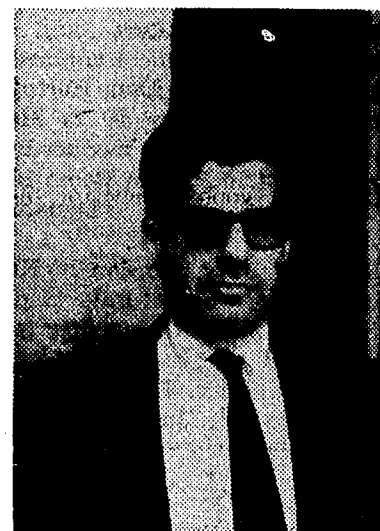
Professor Mark K. Zemansky, Professor, Physics, Head of CUNY Physics program. "Yes, there ought to be other choices than 'publish or perish.' There ought to be halfway points, such as 'publish a little and not perish.' But the way the world operates, there apparently is no room for many different categories. You can't play every case by ear. Administrators must have some reasonable yardstick available. I am willing to accept this oversimplified yardstick — 'publish or perish,' even though I recognize it does not correspond to a human, decent, kindly attitude to people. The tradition here at CCNY has never been to provide the space nor the money nor encouragement for research in the past. Nevertheless, promotions here have been based to a great extent on research productivity. Now the City University is attempting to give space, money and encourage-



PROFESSOR ZEMANSKY

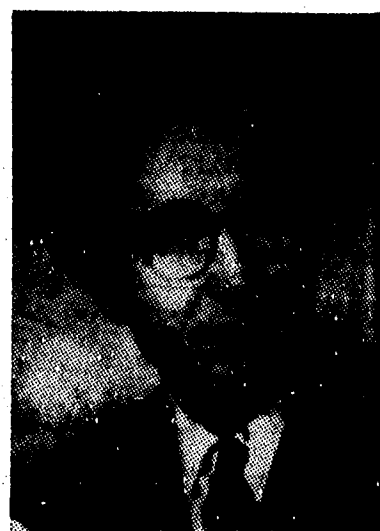
are to become a decent university. Therefore "publish or perish" is a necessity.

Professor Arthur Bierman, Assistant Professor, Physics. The professors whose prime responsibility lies in the undergraduate school should be judged primarily on ability to teach elementary and intermediate level courses. In other words, their level of publication and amount of research should be considered relative unimportant in evaluating their performance. On the other hand



PROFESSOR BIERMAN

those members of faculty oriented primarily to the graduate school must be judged to a very large extent by their research output and its quality. This follows from the fact that one of their responsibilities is the training of graduate student and supervision of thesis work leading to a Ph.D. The latter requires thorough knowledge of the current state of a certain field of modern physics and ability to select doubtful and interesting problems and course the ability to solve such problems.



PROFESSOR SCHWARTZ

Professor Abraham Schwartz, Associate Professor, Mathematics. "I don't think that as strong an emphasis on publication as

(Continued on Page 3)

1965 Election Results

STUDENT GOVERNMENT MAJOR OFFICES

POSITION	Candidate	Vote	Candidate	Vote
President	Carl Weitzman	1929	John Zippert	1504
Executive Vice-President	Martin Kauffman	1946	Robert Travis	1289
Campus Affairs V. P.	Rubin Margules	1875	Larry Yermack	1334
Community Affairs V. P.	Paul Biderman	1719		
Treasurer	Michael Sigall	1881	Mark Landis	1270
Affairs V. P.	Herman Berlinger	1731	Ellen Turkish	1264
Secretary	Bill Reich	1652	Allan Perry	1594

NATIONAL STUDENT ASSOCIATION DELEGATES

Larry Yermack, Ellen Terkish, Janis Lubawsky, Nikki Landsman, Paul Biderman

REFERENDUM

The City College Student Government, Uptown-Day Session, (shall) or (shall not) be affiliated with United States National Student Association.
 Shall — 1183 Shall Not — 403

ATHLETIC ASSOCIATION

President — Jerry Uretsky Vice-President — Harry Gitlin
 Secretary — Bruce Gitlin Representative — Gail Grubel

STUDENT COUNCIL '66

Kathy Bellizzi, Michael Bromberg, Alan Frishman, Paul Hirsh, Jeffrey Traub, Paul Urbania

SENIOR CLASS OFFICERS

President — Harvey Weinberg Vice-President — Richard Rosenfeld
 Secretary — Jim Fitterman

STUDENT COUNCIL '67

Trey Weinstein, Dena Jill Seiden, Nancy Ehrlich, Joyce Mueller, Barbara Goldfinger, Jim Fitterman

CLASS COUNCIL '67

President — Joel Greenbaum Vice-President — Neal Parsoff

STUDENT COUNCIL '68

Joseph Korn, Larry Boberman, Jeffrey Flier, Karen Tischelman, Shirley Appel, Edward Cohn

CLASS COUNCIL '68

President — Kenny Schaffer Vice-President — Andrew Schepard
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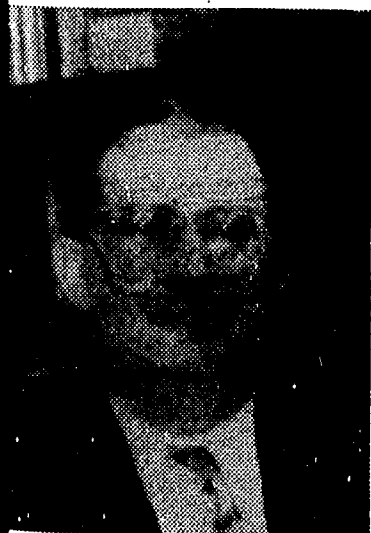
STUDENT COUNCIL '69

Alan Greenberg, Norma Mostowitz, Ted Rosen

Technographer...

(Continued from Page 2)
 noted by "publish or perish" would be a good policy for our college. But I do think that we could have greater emphasis on research than we have had."

Professor Howard L. Adelson, Associate Professor, History. "Which depends on what is meant "publish or perish." If we mean by this simply that faculty members, to insure promotion, must publish in quantity works that do not represent true scholarship, then, of course, I think virtually all faculty members would be opposed to such a policy. If, on the other hand, it is taken to mean the publication of true scholarly works which will certainly be much less prolific, then the opposition is much smaller. Faculty members should be expected to do research and publish the results of their research, and

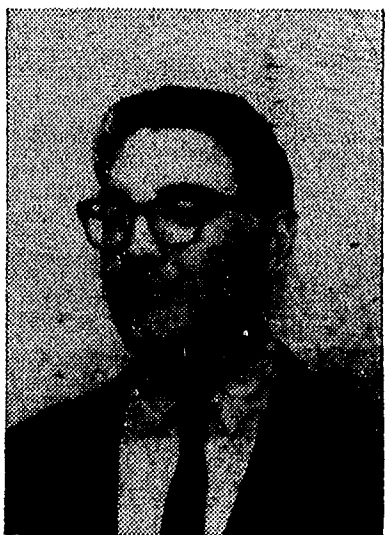


PROFESSOR ADELSON

general, this requirement would be rather rigidly adhered to. This does not mean, however, that there should not be exceptions for the very unusual teacher who, while a good student himself, keeps abreast of literature, and is it impossible to be an author as well. In summation, I would suggest that the policy should be generally interpreted that publication of serious, scholarly

works is required of virtually all faculty members, that these works shall be judged on terms of quality instead of quantity and that in the very rare circumstances of an excellent teacher who is also a good teacher, an exception should be made.

Professor Arthur E. Tiedeman, Associate Professor, History. "In undergraduate work, effective, interesting teaching, is much more



PROFESSOR TIEDEMAN

relevant than extensive publication. Therefore, I feel that it is more important for a teacher to spend his time preparing for his lessons in his classroom than to devote too much of his energy to research for publication. Some of the best teachers I know have never published a line."

Professor Harry Soodak, Associate Professor, Physics. My first reaction to being asked this question was that I would rather publish than perish. My second was a long pause in spite of having had many discussions on this topic. My third was to let me think it over.

A tenure appointment represents an investment in the whole man. A promotion is then a further investment and a reward. How do we measure a man for this purpose? We can distinguish three scoring categories.

1. What is his value to the stu-

dents he teaches? He may be a good classroom teacher. He may be very helpful to students outside of class. Perhaps the students respect and admire him for his personal qualities. He may be a good high level graduate course teacher.

2. What is his value to the colleagues in his department? He may be a useful committee man. (Perhaps too much time is spent on non-teaching activities, but it somehow always seems necessary at this time.) He may develop a new course or lab. He may be a research leader, or an idea man, or catalyst. Perhaps his colleagues admire and respect him for his personal qualities. His work may enhance the reputation of the department.

3. What is his value to the university at large? Again committees and again admiration and respect of his colleagues through-



PROFESSOR SOODAK

out the university. His research, special teaching efforts, or perhaps even his personal qualities may enhance the reputation of the university. They may also bring money in directly through grants.

In my opinion, a man who scores or promises to score sufficiently highly in any one of the above categories is worth an investment, and a man who scores

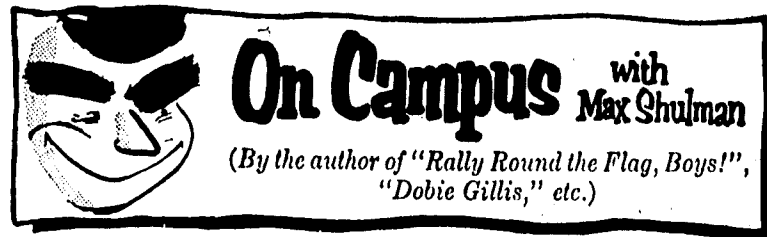
below average on all three counts is definitely not.

Consider for example a man who performs research that is not better than passable, and is of no special value to the students except for an occasional doctoral candidate. At the same time, he does not participate much in the work of his department or the university, but can and does obtain research grants from foundations. To me, this man does not seem worthwhile. I might vote for him if he were the best re-

search man willing to come on to stay, but this is not our situation.

Research alone is insufficient. But good research is. Good research will earn scores in all three categories. Good teaching is bound to gain good scores in the first two categories and is also sufficient.

My remarks were initiated question put to me. I conclude them by putting a question to you. How and by whom is good teaching to be measured?



TESTS, AND HOW THEY GREW

Just the other night I was saying to the little woman, "Do you think the importance of tests in American colleges is being overemphasized?" (Incidentally, the little woman is not, as you might think, my wife. My wife is far from a little woman. She is, in fact, nearly seven feet high and mantled with rippling muscles. She is a full-blooded Ogallala Sioux and holds the world's shot put record. The little woman I referred to is someone we found crouching under the sofa when we moved into our apartment back in 1928, and there she has remained ever since. She never speaks except to make a kind of guttural clicking sound when she is hungry. To tell you the truth, she's not too much fun to have around the house, but with my wife away at track meets most of the time, at least it gives me someone to talk to.)

But I digress. "Do you think the importance of tests in American colleges is being overemphasized?" I said the other night to the little woman, and then I said, "Yes, Max, I do think the importance of tests in American colleges is being overemphasized." (As I explained, the little woman does not speak, so when we have conversations, I am forced to do both parts.)

But I digress. To get back to tests—sure, they're important, but let's not allow them to get too important. There are, after all, many talents which simply can't be measured by quizzes. Is it right to penalize a gifted student whose gifts don't happen to fall into an academic category? Like, for instance, Finster Sigafoos?



She is a full-blooded Ogallala Sioux...

Finster, a freshman at the Wyoming College of Belles Lettres and Fingerprint Identification, has never passed a single test; yet all who know him agree he is studded with talent like a ham with cloves. He can, for example, sleep standing up. He can do a perfect imitation of a scarlet tanager. (I don't mean just the bird calls; I mean he can fly south in the winter.) He can pick up BB's with his toes. He can say "toy boat" three times fast. He can build a rude telephone out of 100 yards of string and two empty Personna Stainless Steel Razor Blade packages. (This last accomplishment is the one Finster is proudest of—not building the telephone but emptying the Personna packs. To empty a Personna pack is not easily accomplished, believe you me, not if you're a person who likes to get full value out of his razor blades. And full value is just what Personnas deliver. They last and last and keep on lasting; luxury shave follows luxury shave in numbers that make the mind boggle. Why don't you see for yourself? Personnas are now available in two varieties: a brand-new stainless steel injector blade for users of injector razors—and the familiar double-edge stainless steel blade so dear to the hearts and kind to the kissers of so many happy Americans, blades so smooth-shaving, so long-lasting that the Personna Co. makes the following guarantee: If you don't agree Personna gives you more luxury shaves than Beep-Beep or any other brand you might name, Personna will buy you a pack of whatever kind you think is better.)

But I digress. Back to Finster Sigafoos—artist, humanist, philosopher, and freshman since 1939. Will the world ever benefit from Finster's great gifts? Alas, no. He is in college to stay.

But even more tragic for mankind is the case of Clare de Loon. Clare, a classmate of Finster's, had no talent, no gifts, no brains, no personality. All she had was a knack for taking tests. She would cram like mad before a test, always get a perfect score, and then promptly forget everything she had learned. Naturally, she graduated with highest honors and degrees by the dozen, but the sad fact is that she left college no more educated and no more prepared to cope with the world than she was when she entered. Today, a broken woman, she crouches under my sofa.

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Speaking of tests, we, the makers of Personna®, put our blades through an impressive number before we send them to market. We also make—and thoroughly test—an aerosol shave that soaks rings around any other lather: Burma Shave®, regular and menthol.

Students Honored On Charter Day

Woodrow Wilson Fellowships

Akin, Ethel J.; Blank, John S.; Burford, Walter W.; Cohen, Barbara E.; Diaz, David; Fleischer, Susan F.; Frymer, Tikva S.; Gauthier, George A.; Goldfarb, Lauren S.; Guttman, Michael; Hamlin, Christopher; Nagler, Eleanor V.; Reinhold, Arnold G.

National Science Foundation and Atomic Energy Commission Fellowships
Adlerstein, Joseph; Akin, Ethan; Gelbwachs, Jerry; Gorin, Richard; Guttman, Michael; Oblow, Edward; Rheinhold, Arnold.

New York State Regents College Teaching Fellowships and Other Fellowships for Doctoral Study

Adlerstein, Joseph K.; Alpern, Barbara; Blank, John S.; Cagan, Stephen; Coe, Richard; Collos, Alma; Cordilla, Ann T.; Crayne, Susan E.; Drucker, Ernest; Fell, Marvin; Fleischer, Susan F.; Friedman, Seymour I.; Frymer, Tikva S.; Gelbwachs, Jerry A.; Goldfield, Raymond; Goodwin, Elizabeth J.; Gorin, Richard; Greenbaum, Susan; Hajdu, Robert; Hamlin, Christopher; Hecker, Joel; Hirsch, Joseph; Hoffman, Alan; Hymon, Bruce; Klotzkin, Gerald; Kordon, Deborah; Krambeck, Robert H.; Lipton, Michael R.; Minkoff, Harvey; Nagler, Eleanor; Rayfield, Susan J.; Reinhold, Arnold G.; Shapiro, Jonathan S.; Silveira, Jeanette M.; Stonkus, Ona; Victor, Rafael D.; Weiss, Richard P.; Winston, Harold J.

New York State Regents Scholarships for Medicine and Dentistry, and Jonas Salk Scholarships

Altman, Robert; Duvinsky, Joel; Eckman, Peter; Elson, Norton; Fried, Marvin; Goodman, Daniel; Honig, Steven; Kind, Margaret; Shanske, Alan; Weiss, Richard R.; Wixman, Harvey.

University and Special Fellowship Awards

Abzug, Irving; Abelson, Sandra; Adlerstein, Joseph; Alexander, Rheta; Alpern, Barbara; Auerbach, Irma Therese; Bader, Norman; Ballitzer, Estelle; Bard, Martin; Becker, Jay; Bergman, Arnold; Blum, David; Bregman, Alvin; Brooks, Howard; Brunner, Michael; Bruno, John; Cohen, Elliott; Cohen, Stewart; Cooper, Joel; Cordilla, Ann; Cowan, Sharon-Joyce; Dyer, Frederick B., Jr.; Eckman, Peter; Elzweig, Sheldon; Fell, Marvin; Ferrara, Giovanni; Fields, Marjory; Friedman, Stanley; Garte, Edna; Gauzer, Dana; Gayle, Addison; Gedzelman, Stanley; Gelfand, Alan; Gibson, Geoffrey; Goldfield, Raymond; Goldstein, Debra; Goodich, Mitchell; Goodwin, Elizabeth; Gorin, Richard; Grancio, Michael; Greenbaum, Susan; Greifer, Elizabeth; Grobstein, Donna; Guttman, Alan Leslie; Guttenplan, Samuel; Hajdu, Robert; Hakim, Daniel; Halpern, Fred; Hoepfner, Thomas; Hoffman, Alan; Holstein, Doris; Honig, Milton; Illich, Miljan Peter; Infeld, Lewis; Japar, Steven; Kalfus, Richard; Kantowitz, Barry; Kassoff, Harold; Katz, Adrienne; Kaufman, Kenneth; Klotzkin, Gerald; Koons, George; Kordon, Deborah; Korngold, Samuel; Kudish, Michael; Leibowitz, Joel; Levine, Anne; Levy, Joel; Lipton, Michael; Locker, James M.; Lowe, Lawrence; Lyons, Robert; Marotta, Charles; Mastromonaco, Frank; Mayes, Harvey; Molof, Robert; Moran, Joseph; Morgan, Howard; Moses, Sara; Mueller, Andrew; Murphy, Kevin C.; Neuman, Michael; Otto, Ingrid; Parker, Neville; Pearlman, Mickey Lou; Peppin, Richard J.; Pinkowitz, Richard; Pittelman, Ira; Pregosin, Paul S.; Rabinowitz, Kenneth; Radin, Charles; Radvany, Egon; Rathjen, Kenneth; Reines, Caryl; Restivo, Sal; Rosen, Alan; Rosenbaum, Daniel B.; Rosenfeld, Alvin; Rosenhoor, Joel; Rubin, Harold; Ruggles, Dennis; Saland, Arnold; Schiff, Adrienne Bendich; Selden, Lynn; Shatz, Vida; Shenker, Marvin I.; Siegel, Edward; Silverstein, Joan; Simon, Howard; Sobotkin, Fred M.; Solomon, Nathaniel; Starkweather, Vicki; Steinhauer, Bennett; Steinhauer, Lawrence; Stern, Mark Henry; Stoll, Barrett; Stone, Robert; Stroup, Alice; Stroup, Timothy; Sunshine, Jeffrey; Sweig, Harvey; Troy, John; Weinberg, Steven; Weiner, Lewis; Weinstein, David; Weissman, Peter; Werner, Barry; Wiesenfeld, John; Wu, Chin Tao; Yerushalmi, Joseph; Zane, Leonard; Zaslavsky, Thomas.

PHI BETA KAPPA

Abelson, Sandra M.; Abokrek, Vicki S.; Atzenberg, Edna; Akin, Ethan Jon; Alonso, Enrique; Balkin, Jane F.; Berger, Melvin G.; Billig, Roger D.; Blank, John S.; Brown, Vivian N.; Chodrow, Don; Contessa, Marie A.; Cooper, Joel; Cordilla, Ann Teresa; Diaz, David; Donner, Diane B.; Duvinsky, Joel; Eisenberg, Linda F.; Elson, Norton A.; Farber, Frances; Fishman, Israel; Fleisher, Susan F.; Fried, Marvin P.; Friedman, Seymour; Goldfarb, Lauren Sue; Goldfield, Raymond; Goldstein, Debra; Goodich, Michael E.; Goodwin, Elizabeth J.; Gorin, Gloria Katz; Gottlieb, Phyllis R.; Grossinger, Barbara Ilona; Hinde, Vernon; Hochman, John Ira; Hoffman, Alan P.; Hoffman, Bertha; Holstein, Doris S.; Holtz, Barbara Louise; Honig, Steven R.; Kaufman, Kenneth L.; Kind, Margaret R.; Klotzkin, Gerald; Konner, Eleanor I.; Kopecky, Barbara; Kordon, Deborah H.; La Rosa, Anthony; Lipnack, Myra; Lowe, Lawrence; Mann, Marion H.; Mannheim, Guy; Marotta, Charles Anthony; Monsell, Paul Michael; Nagler, Eleanor V.; Neuman, Helene; Norrholm, Lelf J.; Oliphant, Steven B.; Prol, Victoria K.; Roitberg, Yael; Rosenhoch, Joel S.; Roses, Jonathan Leigh; Rosoff, Gary H.; Schaalsman, Susan F.; Scher, Barry; Schlossberg, Brenda; Schoenfeld, Barbara; Schutz, Eric; Seidenstein, Joel S.; Shiegal, Susan R.; Shur, Muriel A.; Silveira, Jeanette M.; Simms, English; Solomon, Ellen; Solomon, Nathaniel E.; Stonkus, Ona Madeleine; Taylor, Harvey Allen; Weinberger, Simon C.; Weiner, Andrew D.; Welberg, Robert A.; Weiss, Richard; Weiss, Seena L.; Wiener, Anne.

TAU BETA PI

Agulnek, Martin; Amante, Robert; Benkowitz, Kenneth; Bernstein, Alan; Blank, Seymour; Bregman, Alvin; Brooks, Irving; Brossoni, Guido; Campanozzi, James; Carpet, Joel; Codoluto, Anthony; Cohen, Barry; Cohen, Stuart; Court, Joel; Comins, Richard; Daniels, Richard; Doll, John; Falk, Joel; Fields, Raymond; Freedman, Barry; Froelich, Aron; Gelbwachs, Jerry; Geller, Herb; Gerson, Thomas; Glatzel, Richard; Gross, Michael; Harkavy, Steven; Harrison, Alvin; Hecker, Joel; Horowitz, Barry; Horowitz, Larry; Hyman, Bruce; Kane, Richard; Kappi, Jack; Karagam, Herbert; Kassoff, Harold; Keller, Martin; Klein, David; Kraut, Sanford; Lefkon, Alan; Lenchner, Sandy; Lerner, Roy; Levine, Howard; Lewis, George; Lieberman, Israel; Locker, James; Marcus, Steven; Mannino, Vito; Mardenfeld, Martin; Mastromonaco, Frank; McGovern, George; Milstein, Larry; Moran, Joseph; Neeb, Arthur; Newman, Seymour; Nock, Leon; Oliveras, Rene; Pages, Paul; Phillips, Jeffrey; Ratner, Seymour; Rosenblum, Alan; Selin, John; Shapiro, Jonathan; Sirota, Joseph; Spector, Ira; Stark, Steven; Stone, Robert; Swarz, Paul; Urkowitz, Michael; Varadi, Andrew; Wachs, Marvin; Walzman, Terry; Wu, Chin Tao; Zweiback, Ken.

KAPPA DELTA PI

Abrams, Nancy; Anyon, Ruth; Dvorin, Linda; Elias, Vivian; Feldman, Judith; Friedman, Barbara; Gainen, Sheila; Gluck, Arlene; Goldberg, Martha S.; Gutelle, Pauline; Halfen, Anne; Heyman, Ruth; Holaday, Deborah; Lorch, Marilyn; Mannheim, Guy; McGrath, Dorothy E.; Miller, Anne; Olmedo, Irma; Popish, Diane; Prescott, Laurence; Rappaport, Barbara; Reiss, Rosalyn; Schwartz, Judith; Scotti, Rita; Segal, Joan; Shapiro, Elaine; Shapiro, Irene E.; Silverstein, Joan; Stark, Linda.

BETTA GAMMA SIGMA

Babrowsky, Charles S.; Brennan, Paul L.; Chaikofsky, Edward; Christiansen, Carl; Demsky, Harvey; Dinsky, Shalom; Erdos, Thamer S.; Farber, Gerald; Goldstein, Larry; Kahn, Henry H.; Kellner, Philip A.; Kendell, Water J.; Kissadood, John A.; Kogon, Gertrude; Koons, George F.; Maloney, Peter J.; Messineo, Robert J.; Mohl, Margaret; Moksnes, Kare; Mosbacher, Eric; Nossen, Armand; Nussbaum, Charles; Okoskin, Barry; Opars, Steven; O'Rourke, William J.; Pronek, John E.; Reiter, Henry; Schneider, Hubert; Schwartz, Neil David; Selden, Frederick J.; Tansey, Frank B.; Tevelow, Rosemarie; Torres, Jean; Valleri, Grace J.; Weinstein, Roy; Yablou, Asher J.; Yoskowitz, Irving B.

Vector...

(Continued from Page 1)

a highly technical yet very readable feature on a subject he is very well versed in, as evidenced by the forty-three equations he uses in his article.

Armin Feldman, an upper freshman, writes on plasma engines. The writer has first hand knowledge of his subject because of the personal experiments on which he bases his presentation. Fully documented with equations, the article gives a lucid explanation of the author's knowledge and findings in this field. This article by the young Mr. Feldman indicates a new generation of technical writers following in Mr. Greenhut's footsteps.

Another upper freshman, Larry Nicholas, also belongs to this new generation of VECTOR writers, as he contributes an article on photochromatic glass. Although somewhat less technical than the articles of Messers, Greenhut and Feldman, it is none the less a fine piece of writing, enjoyable to both scientist and layman. Mr.

Nicholas deals with a new and expanding field of technology that is starting to enter into our everyday lives, and promises to grow in size. Complete with pictures, this well written article heralds "more to come" from Larry Nicholas.

The fourth, and last, technical article is by Martin Gold, a well known contributor to the magazine. Mr. Gold presents this time a solid article concerning thermionic generators. Mr. Gold gives a lucid description of the work being done in this area, and the article's subject matter compliments the articles written by Messers. Greenhut and Feldman.

Jay Dankberg gives us a highly interesting although less technical feature. His article, bearing the startling title "Earthquake!" discusses the very controversial subject of why buildings collapse during earthquakes, how this can be prevented, and who was responsible when buildings did collapse in modern times in cities located in known earthquake belts. It is of special interest to architects, but is easily understandable to every reader. The

last feature is a short article the history of the School of Engineering and Architecture Jonathan Harold Spinner.

A regular department, Engineering Highlights, compiled by a noted increase in information this issue. More "Highlights" with more pictures, adds to the regular feature. There is a usual Crossword, but in this issue the Vector Vols are a little different. Instead of questions there are answers. And what answers! The reader is supposed to supply the questions.

A revived department, seen in the VECTOR some eight or nine years ago, is the Vector Vectors, showing how the engineer views the world. It's a go attempt, and although some of the jokes fall flat, it lightens up a usually serious magazine. But has no point!

HILLEL

Hillel will hold its nomination convention for next term's officers, in the Hillel Lounge promptly at 12:15 P.M. All members are urged to attend.

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Scientists...

(Continued from Page 1)

search students and faculty members will exchange ideas on various current problems in the electrical engineering field.

The purpose of having these noted scholars is two-fold. First of all, very real problems involv-

ing research projects, can be solved by talking to these men. These men will know not only what is happening in their own respective schools, but what is happening all over the world. The second reason is simply that much prestige will be brought to the College by having such noted men as lecturers and consultants.

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