

Editorials

Fusion Instead of Fission

The Accreditation Report speaks of the importance of a college of the arts and sciences to a university.

But Penn State has a College of the Liberal Arts. Let's look at what the Middle States team means by a college of the arts and sciences.

It would include the arts, the humanities, the social sciences and the basic (or "hard") sciences. Basic sciences can be broken down into the biological and physical sciences.

The other colleges would then be composed of the applied sciences. For example, architecture is an applied science of art, as plant pathology is an applied science of the biological sciences.

Now let's look at the Penn State situation.

Political science and sociology, for example, are in the College of the Liberal Arts. Both are social sciences. However, psychology is in the College of Education; geography in the College of Mineral Industries. All three are social sciences.

Chemistry and physics are in a college of their own. Both are basic sciences. However, mathematics, also a basic science, is in the College of the Liberal Arts, and the biological sciences (also "basic") are in the College of Agriculture.

These are just a few examples of the mixed up situation. Then, if the University had a college of the arts and sciences, all of the arts, the humanities, the social sciences and the basic sciences would have to be grouped together under one unit.

The main advantage of a college of the arts and sciences is that it provides a university with a core around which it can base its program of liberal education.

Lawrence E. Dennis, vice president for academic affairs, writing in the Alumni News, said:

"Only by an organization that puts the arts and science units at the heart of the University and by a program that provides a general education in the arts and sciences for all students regardless of their field of specialization, will Penn State (in the judgment of the Middle States team) be able to fulfill its mission as the major state university in the East and one of the great universities in the country."

The University has already started a "general education" program in the arts, humanities and social sciences. A course in the biological sciences is to be added next semester.

This program, still in its infancy, is to be commended. The University, according to Dennis, is also "encouraging with all deliberate speed" the integration of the basic fields of knowledge.

However, establishing a college of the arts and sciences is easier said than done. This is easy to see when one considers the present arrangement evolved over a period of 100 years. (The specific problems involved will be dealt with in future editorials.)

But, if Penn State is to become a great university, "with all deliberate speed" cannot come too soon.

The Law, wherein, as in a magic mirror, we see reflected not only our own lives, but the lives of all men that have been! When I think on this majestic theme, my eyes dazzle.—Oliver Wendell Holmes Jr.

Editorials are written by the editors and staff members of The Daily Collegian and do not necessarily represent the views of the University or of the student body.

A Student-Operated Newspaper

The Daily Collegian

Successor to The Free Lance, est. 1887

Published Tuesday through Saturday morning during the University year. The Daily Collegian is a student-operated newspaper. Entered as second-class matter July 5, 1934 at the State College, Pa., Post Office under the act of March 3, 1879.

Mail Subscription Price: \$3.00 per semester — \$5.00 per year

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Outer Space: Do Russians Own It Now?

By THOMAS P. WHITNEY AP Foreign News Analyst

By shooting up a baby moon which passes frequently over the United States—without first getting permission—the Russians have set a precedent on the question of ownership of outer space.

Regardless of whether the Soviet government agrees to U.S. proposals for limitation of the use of outer space to peaceful use, the Kremlin is already in a position in which it can't object when the United States sends up a satellite which overflies the Soviet Union.

The principle of international law which Sputnik goes far to establish is that national sovereignty over the air space above a nation's territory ends with the air blanket over the earth's surface.

If this principle becomes an accepted part of international custom then outer space is going to be pretty much like the antarctic continent. No one owns it and any power can go as it pleases without asking authority from anyone else.

The Soviet government has been an outspoken defender of its sovereignty over air space above its territory. During the postwar period it has repeatedly protested that its air was being violated. Last year it violently objected when meteorological balloons sent up by U.S. authorities overflowed the Soviet Union.

But now the baby moon—if that sovereignty concept were to apply to outer space as well—is violating everyone's sovereignty on an indiscriminate basis.

Development of the idea that outer space is international by its nature is vital to scientific activity there. If the great powers should try to apply the principle of national sovereignty away from the earth that could easily lead to the fantastic spectacle of an international race to seize the Moon, Mars, Venus and the rest of the solar system, and possibly war waged in interplanetary space.

Gazette

TODAY American Society of Agricultural Engineering, 7 p.m., 206 Ag Eng Froth Art staff, 7:30 tonight, Froth Office Hill, Succo Service, 7 p.m. New Bavarian Schulplatters, 7:30 p.m., Room 1, White Bldg. Newman Club, lecture, Prof. Andrew W. Case, 7 p.m. Zoology Club, demonstrations of Animal Behavior and Conditioning, Dr. Hale, 6:45 p.m., 214 Frear Lab

UNIVERSITY HOSPITAL Eugene Albano, Norman Altman, Jo Anne Aronson, Eileen Aquina, Steve Baidy, Dixie Bair, Mona Bergman, John Bunting, Paul Camoni, Stanley Cohen, Mary Conrad, Arthur Cooper, David Cuskoff, Katherine Davis, Orlin Davis, Sandra Deakter, Jane Elliott, Peter Ellis, David Fine, Richard Fisher, Patricia Frank, Milton Friedman, William Fry.

William Popp, Bangalore Probhaker, Ira Rosenbaum, Ronald Shiban, Richard Stubby, Louis Testen, Lucille Wood, Gary Zimman, Stafford Friday, Jr., Anthony Battaglia, Charles Doolittle, Warren Huklow, Carol Stone, Ronald Kundle, David Schutte, Harold Ctaige, Carol Shulman, Joan Karlow.

Eleanor Hansen, Jacqueline White, Michael Wartella, Sally Hoover, Charlotte Sidewater, Frank W. Kevanick, Carl Bork, Walter French, David Benson, Lili May Snyder, Maxine Shall, Warren Steinberg, George McTuck, Gary Miller, Carol Patterson, Gerald Murphy, Joseph Roat, Henry Fletcher, Rosalie Samley, Andrew Masony, Lloyd Patterson.

David Swoboda, Richard Cavanaugh, David Kiser, William George, Daneshi-Kerman-Kazem, Kenneth McGill, Michael Kauka, Floyd Silver, Martin Lizerbram, John J. Tierney, Robert Thompson, Preston Bortell, Harlan Goodman, Frank Fazzalure, Ronald Fulton, Ronald Tirabassi, Sadar Singh.

PLACEMENT INTERVIEWS Union Carbide Corp: Oct 29, 30, 31 PhD & Postdoctorals in Chem, Phys, ChE, ME, Metal, Min.

Bell Telephone Co. of Penna: Oct 30 BS in EE, IE, ME, CE; LA in Soc.Sci., BusAd.

Bell Telephone Lab: Oct 30 BS in EE, ME; MS in EE, ME, Phys. Chem.

Western Electric: Oct 30 BS in ME, EE, ChE, IE.

Sandia Corp: Oct 30 BS in EE, ME; MS & PhD in Phys.

Central Intelligence Agency: Oct 30 MS & PhD in EE, Econ (Agr. Min.Geog.General) Area Study Specialist, Phys, Chem, History, PolSci, Psych, ME.

Mesta Machine Co: Oct 30: BS in ME, IE, CE, ChE, ArchE, Metal, EE, AeroE for Sales Engr. Trainee BS in ME for Machine Design only.

Dow Corning Corp: Oct 30 BS in Chem, ChE, EE, ME; MS in Chem, ChE, EE, ME; PhD in Chem.

TONIGHT ON WDFM 6:45: Show on anch. Richard 7:00: Telephone Bandstand; 7:50: State News and National Sports; 8:00: Jazz Panorama; 9:00: Local, National and World News; 9:15: At Your Service; 9:30: Music of the People; 10:00: News; 10:05: Virtuoso; 11:30: News and Sign-off.

Little Man on Campus by Dick Bibler



"Now we can give them a REAL test, Miss Babb—Saturday was their 'deadline' for WITHDRAWAL from classes."

Ready or Not Martinis, Music—Man, It's Cosmic! By Marian Beatty

Integration and the Asian flu were crowded out of the headlines last week when Sputnik began whizzing around the earth, beeping as it went.

The commotion which began with the first faint beep has spread through most of the world, even into isolated University Park. And the furor hasn't been confined to diplomatic circles or to the Pentagon.

It hit Tin Pan Alley with a crash, giving weary composers something new to belabor. Overnight they ground out such gems as Baby Moon Waltz . . . By the Light of the Baby Moon . . . Baby Moon Mambo . . . Baby Moon Blues.

In Buffalo an enterprising tavern-keeper devised what he calls the Sputnik cocktail. He starts with three beeps of vodka, adds one of vermouth, stirs well in a constant orbit, and then drops in the satellite—a rounded onion, that is.

Two or three of those should send any customer off into outer space.

Chefs in London seem equally impressed with the possibility of persuading the citizenry that eating will cure any problem, no matter how weighty. The women's page of the London Evening Standard suggests a satellite supper as a special treat for tired husbands. The principal ingredients are a large bowl of Russian salad and a telescope. . .

If the Japanese, though, who have really gone overboard.

The Japan Travel Association, founded last year to whip up interest in outer space, has felt a violent reaction to the satellite boom. The price of real estate on Mars has jumped to five times its original price of 200 yen. Land speculators are now fighting to buy property at 1000 yen (or \$2.70) an acre.

If there's any land left by now, the coeds in McElwain and Simmons' would probably be happy to acquire it. Mars would be a fine place to exile the Air Force drill team, which has been stomping and shouting up Shortlidge Road lately.

On second thought, this hardly seems fair to the Martians. . . Meanwhile, back on earth, the problem of standing in lines remains. This year lines are longer and in weirder places. We've stood in line to register, to eat, and to get in to football games, and now we're queuing up to get into class.

The south door of Sparks has proved to be a major bottleneck, with the waiting mobs milling around as far back as the Mall.

The procession of students, who generally seem to line up in pairs, strongly resembles the ponderous entrance of Noah's animals into the arc.

Years ago, a ruling forbid freshmen to enter by this lower door. Oh, for the good old days!

