

# Speaker Lectures On 'Science in Culture'

Opening a store of wit and knowledge, Dr. Jacob Bronowski successfully sold his goods to a sizeable audience gathered in Price Auditorium Wednesday night.

As the initial speaker in the Forum Lecture Series, Dr. Bronowski, a Senior Fellow at the Salk Institute for Biological Studies, ordered his thoughts

## Band and Seminar Engage In Informal Pop Concert

Tuesday afternoon the band and choral seminar gave an informal pop concert on the steps of Price Auditorium. The band opened the show with a selection called El Festevo. Next came the popular hit from Hair, Aquarius, and a number entitled Little Boat.

A selection of folk tunes by the members of the choral seminar under the direction of Renslemann was presented next. Cheryl Spitz soloed with the hit by Bread, Make It With You. Jimmie Maloney was her accompanist. The choral ensemble finished up with The Impossible Dream and a selection from Bach with drum and string bass accompaniment.

Under the direction of Dr. Nelson, the band took over the program with selections from the Broadway musical I Do! I Do! Next were two popular songs by Burt Bacharach, Raindrops Keep Falling On My Head and Do You Know the Way to San Jose. Their final selection was Sweet Georgia Brown.

## Details Given For European Jobs

Jobs Europe program officials announced that they have 700 salaried jobs available, in London for young Americans 18 to 26 years of age.

The aim of this JOBS EUROPE program, already in their tenth year, is to give young people a guaranteed inexpensive and unique opportunity to live in, and learn about Europe. To date five thousand students have worked in Europe with their help. In the past the program was mostly for summer jobs in Switzerland, both French and German speaking areas. This summer 300 jobs will be available in Switzerland.

These salaried jobs are for general help with large 1st class London hotels. There will be 45 working hours per week. Most jobs include board and room, with friends working near each other if they apply together.

An important feature of the program is that participants are free to travel where, and for as long as they wish after completing their work assignment.

For free details: Send a stamped self-addressed (business size) envelope to: JOBS EUROPE, 13355 Cantara St., Panorama City, California 91402.

Do you realize we are raising a whole generation of kids who think that Nehru was a fashion designer.

around the topic, "The Place of Science in Culture." Systematically, he focused on three major points, illustrating and elaborating them with sidelights from the annals of science.

Endeavoring to convince the audience that science has an important place as an intellectual discipline and that the community of science has much to teach society, he bade those who already agreed with him to "switch off for forty minutes."

Dr. Bronowski began with a detailed description of the scientific method, emphasizing the cyclical effect of empiricism and deduction. He also stressed the inevitable failure of all theories. "It is the fate of all theories to be true to a point." The point being, when their degree of accuracy is not precise enough to fit new phenomena.

Dr. Bronowski next put forth his opinion on why science has succeeded by using this scientific method. Reaching back into the past, he chose Francis Bacon's propositions as the turning point for the survival of science as we know it. Heretofore, scientists had sought a trick to reverse the effects of nature—the alchemists; Bacon proposed that science must go nature's way, finding the laws and taking advantage of them—"knowledge is power."

Dr. Bronowski's final point attempted to show science's implications for society. "Science is a communal enterprise." It is the reliable contributions of many that result in scientific theories.

This cooperative spirit and an intense loyalty to true observation and reporting have made science viable and able to exist for more than 300 years. Stating that, "There are no ends in science which allow you to juggle with the means," Dr. Bronowski postulated that the most acceptable and convincing arguments are those based on logical reasoning and strict adherence to the actual observed facts.

An insupportable argument, often damaging in its opposite effect, is one based on forgery or irrationality. Here, Dr. Bronowski alluded to Hitler's stomach, where he made his decisions, and to the high-minded forgeries of the Catholic Church that condemned Galileo and produced the Hermetic prophecies, predicting the birth of Christ several centuries after the fact.

In closing, Dr. Bronowski admitted that if it turns out that human imagination doesn't work in the way he described, he is wrong! But then, "why did evolution or God produce the imaginative creature, man?"

After his lecture a short question-answer period focused on the potential slavery inherent in continued technological advancement and the discrimination occasionally practiced by the scientific community. To the former, Dr. Bronowski replied that it is not unnatural for man to shape his environment and that slavery comes from his fellow man's unwillingness to allow freedom of imagination.

To the latter, "The scientific community doesn't require everybody to be a saint" nor does it feel that pseudo-science should have free rein to influence a gullible public. Scientists feel science should be understood as it really is by non-scientists.

All in all, Dr. Bronowski made his lecture entertaining and accessible to this non-scientific public. He seems to practice what he preaches



## Assistant to the President Announces Plans for Retirement

LOCK HAVEN—Edward H. Young, assistant to the president and alumni executive secretary of Lock Haven State College, announced his retirement to the college's Alumni Council at their Homecoming Weekend meeting on Saturday, October 10. He will retire on July 31, 1971, after eleven years with the college.

Young joined the Lock Haven State faculty in January 1960 as dean of men and established the college's Office of Public Relations in June 1960. In May 1965, he was appointed assistant to the president and alumni executive secretary, succeeding Dr. Allen D. Patterson, who retired. He retained the

position of director of public relations until a full-time director was appointed the following year.

He served as vice-chairman of the Association of State College Organizations in 1968-69 and was co-author of the original draft of House Bill 999, which became law as Act 13, the state college autonomy bill, in April 1970. He has been active in the affairs of the State Alumni Council, serving two terms as president, 1967-69.

In 1969, he was appointed a member of the Pennsylvania Crime Commission by Governor Shafer.

Prior to coming to Lock Haven, Young was executive

director and general manager to the Pittsburgh Civic Light Opera Association; following 22 years as an executive for the Boy Scouts of America in New York, New Hampshire, Ohio, Rhode Island, Connecticut, Pennsylvania, and Michigan.

After 31 years of professional life, he returned to college and completed requirements for his bachelor's degree, awarded by the Pennsylvania State University in 1960. In August 1962, he was granted an M.S. in student personnel administration by Penn State.

He has been an active member of the Lock Haven Rotary Club since 1960 and served as president in 1967-68.



## LHS Junior Completes First Phase of Training

LOCK HAVEN—Donald Conklin, a junior at Lock Haven State College, successfully completed the first phase of the U.S. Marine Corps Platoon Leaders Class this

summer at Quantico, Virginia. He is the son of Mr. and Mrs.

Donald Conklin, 18 Logan Avenue, Castanea.

Conklin will attend the second session of the course next summer and be commissioned a second lieutenant in the Marine Corps upon graduation from LHS in May 1972.

The certificate of completion was delivered to Conklin at the college by the officer-in-charge of the U.S. Marine Corps Officers Selection Office in Wilkes-Barre, Captain Robert Tschan, and his two assistants, Staff Sergeant Jerry David and Staff Sergeant Raymond Hertzog.

Robert Blose, a senior at the college, completed the course this summer and will receive his commission upon graduation next May.

A 50 foot whale has teeth only one-eighth of an inch long.

A tooth cube of platinum weighs over 1/2 ton.



From October 5 to 23, an exhibit by sculptor Clarence Bunch will be displayed in Raub Hall. Bunch, a painter as well as a sculptor teaches at Queens College in New York.

## Players Ready American Dream

A Readers' Theatre production of Edward Albee's "The American Dream" will be presented in the Parsons Student Union, Lock Haven State College, October 19 and 20 at 7:30 p.m.

Albee's play offers a comic attack on the clichés of American culture. According to the play's director, Dr. Robert Kidder of the college faculty, the power of the play lies in the clever dialogue between antagonistic characters rather than in the plot, making the play especially suitable for Readers' Theatre.

Playing the role of Mommy is Marianne Waters. Daddy is played by Larry Deppen, Grandma by Eva Hamskey, Mrs. Barker by Marjorie Raby, and the Young Man by Bill Anastasi.

Albee's best-known play is "Who's afraid of Virginia Woolf?"

The presentation is open to the public without charge.

## Cables Found Broken

We now have another feather in the hat of the great physicist who said, "Whatever goes up must come down." The inner dome of the planetarium has come down and as a result is damaged to the point that it cannot go up under its own power.

Upon investigation by the maintenance crew, they found that some cables had broken and the "whole rigging is in bad shape." In addition several panels have buckled. It is believed that the dome fell sometime late Friday afternoon, October 9.

Janson Industries of Canton, Ohio, installers of the dome, are coming to repair it although no one knows when they will arrive or what the cost will be. Until the dome is repaired there will be no sessions in the planetarium.





5000 Students Attend 'State College Day'



See tomorrow's paper for story

## Junior Varsity Booters Tromp DuBois Campus of Penn State

The Bald Eagle junior varsity booters put on a top show of team work and talent to tromp DuBois Campus of Penn State 12-0 on Wednesday.

There was never any doubt about the outcome of the game. LHS began their barrage of scoring two minutes after the game started and scored in every period thereafter.

DuBois didn't get a shot at the goal until the third period. They were held to less than ten shots during the entire game.

Sam Watt scored the first goal for LHS. He scored on a

kick from twenty-five yards out. Ricky Dummoier assisted Bill Lingle in the second goal, then scored the next goal with Rob Durkee assisting.

With only forty seconds left in the first quarter, Dave Chambers scored the fourth goal on a corner kick.

Three minutes into the second period Drew Endy took a good cross kick from Kane and sent the ball into the corner.

After the first two goals DuBois changed goalies, with good reason. However, the new goalie left the game at half. He received an injury during the sixth goal. He was knocked down going for the ball which Bruce Pearson sent to Mike Minchoff who dribbled it into the net.

With the different goalie in, LHS had even more of an advantage, and the Eagles did take advantage of the poor goal tending.

Bill Lingle scored the next point as the goalie ran out too far allowing the ball to get by him. Bob Weaver assisted in the goal.

Ricky Dummoier sent the ball to the open side of the field and to Bob Weaver who scored point number eight.

Bruce Pearson made the next two Eagle goals. John Mingoos and Drew Endy assisted him.

Early in the fourth period DuBois' goalie again assisted LHS as he dropped the ball in front of the goal. Dave Chambers was right there to take advantage by tapping the ball into the net.

Sam Watt assisted Ricky Dummoier with the twelfth point which came on another goalie mistake.

The team had everything going for them as they took advantage of every opportunity. Everybody played and played well.

Coach Brad Black commented after the game, "The team is a much better freshman team than last year. Over all the skills are better than any average freshman team. Their team work is exceptional, especially today."

The next match for the j.v.'s is Saturday with Altoona Branch Campus of Penn State University.

On Saturday, the Eagle Varsity travels to East Stroudsburg to take on the strong East Stroudsburg team.

"East Stroudsburg plays as tough a schedule as any team in the nation. They probably have their best defense in years. It will be the toughest game on our schedule. I just hope we can stay with them," commented LHS head soccer coach Karl Herrmann on the upcoming game.

During its first year a lobster sheds its shell 14 to 17 times.

In the U. S. alone over 7000 varieties of apples have been recorded.

## Pre-Season Practice Slated to Start

Pre-season wrestling and basketball practice is slated to soon start at Lock Haven State College. The cagers open drills this Thursday and the wrestlers on Monday.

The grapplers of new head coach Dr. Ken Cox will be preparing for the toughest opening week in the school's long wrestling history.

Eastern power Lehigh University will invade Thomas Fieldhouse on Saturday, December 5 for an 8:00 p.m. clash. The following Wednesday, December 9, a mid-West power Southern Illinois University comes to Lock Haven, and December 12 Oswego State University of New York ends the big week of wrestling on the Lock Haven State campus.

Heading a list of nine returning lettermen are NAA champions Donald Fay, Levittown, N.Y., and Larry Rippey, of Lock Haven; Pennsylvania Conference winner Paul Brodmerkel of Lindenhurst, N.Y., and conference runnerup Scott Brooks of Arlington, Va.

Second year head basketball coach James Christopher will welcome back the entire ten-man 1969-70 varsity squad that posted a 7-10 record the best cage mark in 15 years at Lock Haven State.

However Coach Christopher is not optimistic about the upcoming season because he feels the opposition will be so much stronger. "We'll be lucky to win four games," he said.

The Eagle cagers open the 1970-71 season on December 1 hosting the University of Pittsburgh branch at Johnstown and then travel to Wilkes College on December 3.

The nine returning lettermen include Bruce Parkhill, State College, high scorer with 260 points last year and a 16.2 average; Cliff Bilet, York, 248 points and a 14.7 mark; Ziggy Tauginas, 6-foot-6 sophomore, who scored 186; Bud Brennen, St. Marys, 9.0 mark, and John Marzlak, smooth-playing guard from Aliquippa.

## Classified Ads

A flying squirrel covers as much as 50 to 60 feet in an ordinary glide.

Large furnished rooms for rent, T.V. included. Suitable for 3 or 4 male students. Call: 748-3777.

Introducing our new improved warning

By Act of Congress, the warning (at right) must be placed on all cigarettes manufactured for sale in the United States on or after November 1, 1970.

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Public Health Service

