College Gets $60,000 in Federal Grants

Faculty Members Summer Grants

Darwin Wales Renamed To Board of Trustees

The college has received a Federal grant of $53,949 to establish a learning center on the campus. It is expected to be ready for use in the fall, when four of the college's 18 curricula and between 350 and 400 freshmen will start using it.

A learning center consists of a number of carrels, each equipped with facilities for both auditory and visual presentations to the students. It also includes the material necessary to operate these facilities, according to Dr. F. Brooks Sanders, director of educational technology at Broome Tech.

It is planned to have a Norelco "PIP," whose full name is Personalized Instruction Presentation, in each carrel. The PIP is a machine that is a combination projector and audio tape player, and it is 9 inches wide, 13% inches deep and 16 inches high. It weighs 18 pounds and is portable.

The projector has its own built-in screen, and it can show still slides and movies, in color or black and white, without changing the film cassette. The audio tape cassette provides the sound, and it can also control the film advance and speed setting. It can be used independently of the film, and it can easily be operated by the students, Dr. Sanders said.

The projector is equipped with headsets, and it uses film for its visual presentation. This is not a television device, and there are no videotapes used.

The purpose of the learning center is to enable students to use at their own pace and at their own convenience material prepared by their instructors. It will increase the student's capacity to learn out-of-side of the classroom hours, Dr. Sanders said, and it will enable both the instructors and the stu-

(Continued on page 8)
People frequently emigrate from their native land to another country. But how often do they return to their country of origin - not just for a visit, but to live there again?

Christa Kraus, a Broome Tech graduate, is one who has made the round trip. She was in the college's first graduating class of executive secretarial students, in 1965 when her name was Christa Eckenbrecht. After graduation, she went to work for IBM Endicott in the World Trade Department because she spoke German and French.

While working there she met Hans Kraus, a German from Aachen who was on a six-month assignment for IBM in Endicott. They were married in 1966, and moved to Germany shortly thereafter. The two were back in the United States this spring, as he is on another six-month assignment for IBM, this time in Poughkeepsie.

This gave Chris a chance to come back to Binghamton to visit her family, which still lives here on Ahearn Hill Road.

Chris was born in Germany, near Frankfurt-am-Main and lived the first 13 years of her life there. Then she and her family came to Binghamton, her father going behind a panel that included three years in a Russian prisoner-of-war camp until the post-war year of 1948.

The unemployment in Germany at that time made it difficult for him to find work. So he decided to bring his family to the United States, where he has brothers and sisters.

Chris went to Binghamton Central High School, then transferred to Susquehanna Valley from which she graduated and received a scholarship that helped her through Broome Tech.

After returning to Germany with her husband in 1966, they both continued to work for IBM - in Sindelfingen, which is IBM's largest German plant. Chris worked for IBM there for about a year as a secretary and then for two more years teaching English in the education department. But now that she has a three-year-old daughter, Monica, she is at home enjoying the life of a housewife and a mother.

They are now residents of Hanover, where IBM is building another plant, its fourth in Germany. They will return there after Hans' current assignment in Poughkeepsie is completed.

Chris has continued to receive the Alumni Newsletter in Germany, and she says she enjoys reading it and being kept informed about the college and some of her classmates.

She is happy living in Germany, she said, just as she was happy to live in the United States. She became an American citizen while living here, and she plans to keep that U.S. citizenship even though she has moved back to Germany. She thinks it's a good thing to have.

Lloyd Hartman Honored on His Retirement

Prof. Lloyd Hartman, who wanted to retire quietly after 25 years on the Broome Tech faculty, was instead honored a number of times in his closing days as director of the Liberal Arts Division.

The Alumni Association presented him with a Cross pen and pencil set at the annual Dinner-Dance; the graduating class surprised him at commencement by giving him a scroll expressing its admiration for him; and the faculty and administration feted him and his wife Mimi at a buffet dinner immediately following the commencement exercises.

The latter event was in the ballroom at the Sheraton Inn, where he got the “red carpet treatment” (see photo at left). He was presented with a portable electric typewriter and a portrait of himself painted by Robert Keller of the college's liberal arts faculty.

Prof. Hartman was one of the college's original faculty members, joining the staff back in 1946, the year before classes began.

...62-Year-Old

(Continued from Page 3)
College Given Gift of Carillon for Campus

Dr. Eckler’s Donation Is Responsible

Broome Tech will not only have a new name in the fall (Broome Community College), but it will also have a new carillon. Thanks to a substantial donation from Dr. Leopold Eckler, the college foundation has ordered a Maas-Rowe symphonic electronic carillon.

It will be placed on the top floor of the Library Building, with speakers on the roof. It is the type of carillon in which metal bars are struck and the sound amplified through speakers. It can be played manually from a keyboard, as well as automatically with music rolls. There are 25 music rolls that come with the carillon, and others are available. It also has a clock mechanism to toll the hours.

This particular model and make were selected on the basis of its many features, its cost and its musical capabilities. It is equipped with 37 minor bells, 37 major bells, 8 speakers, 49 harp bells and 12 Bourdon bells for bass notes.

Dr. Eckler is a former trustee of the college and also a former general manager and vice-president of the Ansco Photo Repro Division of GAF. He is now retired and still living in Binghamton and still much interested in the college.

"We’re extremely grateful to Dr. Eckler for making it possible for us to have this carillon," said college president Cecil C. Tyrrell recently. "We’ve talked about having a carillon on the campus for many years, but this is the only way it would be available to us - through a sizeable donation.

"It emphasizes in another way that we are a collegiate institution interested in more than just giving our students facts that they can take with them when they graduate. This will help to enhance the collegiate atmosphere on the campus, and we are looking forward to its installation."

Carl R. Gitlitz, a trustee of the college and president of the Broome Tech Foundation, also had high praise for Dr. Eckler. "I want to express my sincere thanks to him, as well as the thanks of the board of the Foundation, for this fine gift to the college. This is certainly a worth while addition to our growing campus.

Tech Offers Diverse Paths to Degree, As These Honor Graduates Reveal

A total of 37 graduates of the Class of 1971 earned "High Honors," and some of them demonstrated there are many ways to travel the high path to the associate degree at a community college like Broome Tech.

Henry Frassetto, Jr., had a cumulative average of 4.00, for example, as he had an "A" in every one of the 15 courses he took at Broome. All were taken in five years as a part-time student in the evening program of the Division of Continuing Education. He also had transfer credits from another school, which enabled him to satisfy the associate degree requirements in business.

Melvin Creeley’s 3.92 cumulative average was achieved as a full-time day student in the college’s business administration curriculum.

Patricia Dolan and William Shear posted 3.90 cumulative averages -- she as a full-time day student in nursing for two years and he as an evening part-time student for six years in the business program. Like Mr. Frassetto, he works for IBM Endicott during the day.

And then there is Mrs. Maralu Whitt, whose cumulative 3.88 average in liberal arts was the result of one year as a full-time day student plus two courses taken earlier in the college’s evening program. She also transferred some credits.

Philip Colandro had a 3.84 two-year average as a full-time day student in civil technology.

Thus Broome Tech, in the spirit of community college education, offers many collegiate educational opportunities to the people of the community.

62-Year-Old Among Those Earning Evening Diplomas

A 62-year-old man, a baccalaureate degree holder and a married couple were among the 53 people who received their evening diplomas at Broome Technical Community College this spring.

William Early of Johnson City is the ambitious 62-year-old and he earned his diploma in electrical technology. He is following in the footsteps of his son William who came to Broome Tech and graduated in 1961 from the college’s engineering science curriculum.

Harry Worsley of Endwell received his B.S. in industrial arts education back in 1956 at Lewis College in Illinois. He has since changed his career objectives and now has his Broome Tech evening diploma in business.

Kenneth and Dianna Figos of Endicott are the married couple who believe that the family that studies together prospers together. They have both earned their diplomas in business, and they agree that it makes it easier coming to school at night when they can arrange their classes to make the trip together.

Mr. Early works for Manpower. Mr. Figos is a computer operator at IBM Endicott, his wife works (Continued on page 6)
The people of the world, the nations, the generations and the races must learn to live together, or all will die together in this atomic age, David Schoenbrun told the Broome Tech Class of 1971 at graduation on June 11. And perfecting the means to do it is the challenge facing the young people of the world today, he stressed.

The challenge also includes making the United States pursue a course of “new internationalism” halfway between the old isolationism and the current global interventionism, both of which are dead ends or an end in death for mankind.

Speaking without notes and with great polish, the former CBS award-winning TV newscaster spoke directly to both the young generation of graduates and the older generations of their parents, many of whom were there as spectators.

He apologized to neither group, but pointed out the strengths and weaknesses of both and how one generation must pick up where the other has left off. And he was optimistic, despite the many problems besetting the world today -- optimistic because the problems are being finally discussed by peoples of many nations.

The Strategic Arms Limitation Talks (SALT) between the United States and Russia signify a most important start in the direction of preventing the atomic destruction of the human race. And the fact that these big powers are discussing this problem is an important graduation gift to the Class of 1971, he said.

Nationalism has been a tremendous force in history, but today the emphasis must be on the “new internationalism” because the world is so interdependent. The atom bomb and the Vietnam War illustrate how one nation depends on another.

All the families of man must learn to live together, whether they be white, black, Chinese, Soviet or American, he said. “We must learn to live together, or we will all die together.” Russia is learning the lesson, though not fast enough, and China will also learn this new reality.

Nations have to surrender some of their sovereignty because of the aforementioned independence, he noted. The air and the waters of the earth touch many lands, and so it is necessary for more than one nation to control pollution. It must be a united effort, and that’s where the United Nations becomes essential.

Only the flag of mankind can rule the air and the sea, not the flag of one nation. There is no three-mile or 12 mile limit when one talks about pollution.

The UN charter is still right, he said, even if it has been violated by the Russians in Czechoslovakia. (Continued on Page 5)

Alumni Give $400 Grant

The Broome Tech Alumni Association instituted a new grant this year, called the Alumni Transfer Grant.

It is for a graduating senior, and it amounts to $400 to help him or her continue his higher education at a four-year college or university. It is based on need and educational and occupational goals.

“Tucked in the scholarships, grants and aid for incoming freshman students,” said Donald Doremus, outgoing president of the Alumni Association, “but not very many for our Broome Tech graduates who want to continue their college education.”

“As alumni of our college, we thought it would be appropriate for us to help our fellow graduates in this way. We realize this is a modest bit of help, but it is a start and we hope to continue it and enlarge upon it.”

Lowell Stever shows his two favorite hats - the academic and police caps - as he became the first recipient of Broome Tech’s police science degree. (Continued on Page 5)
### Class Gift $5,896 in Scholarships

The Class of 1971 introduced something new in class gifts at Broome Tech, when it gave the college foundation $5,896 to be used for scholarships.

The presentation was made by Robert Di Nunzio, president of the Student Senate, at the commencement exercises, as the gift was a combined effort from the Class of 1971 and the Student Senate.

The gift carries with it the stipulation that three scholarships are to be granted this year for full tuition and fees to three members of the Class of 1972 for their senior year at Broome.

These are to be awarded for excellence, one in scholarship, one in co-curricular activities, and one in athletics other than basketball. The balance of the money will remain in the foundation for future grants.

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### Degrees Given In Twenty Fields of Study

Broome Tech's continued growth is evident in the Class of 1971 which graduated June 11 with a record total of 779 students. Graduates were awarded degrees in two new curricula, police science and medical record technology as the college gave associate degrees in 20 different fields of study.

The diversity of the student body was apparent, too, as there were many among the graduates who were not in the usual mold of those who go directly from high school to college.

There was a record high of 61, for example, who earned their degrees as part-time evening students through the college's Division of Continuing Education. This took them from three to 19 years, depending on how many courses they took at a time.

There was a grandmother, Mrs. Dorothy Chantry who is also a member of the Susquehanna Valley Central School Board along with Broome Tech faculty member Joseph Pinne.

There were four married couples; at least three women with five children each; there was Mary Belokur, who was the first graduate whose mother and father are also graduates of the college (Alex Belokur (MT-49) and Gladys McDonald (MO-49). And there was David Wells, whose father Norman was an electrical technology graduate in 1949.

There were sons of faculty members too - William Dervay, Jr. and Steven Reid whose fathers teach in the electrical technology department. William Dervay, the teacher, also had a sister Helen who graduated this year, and his brother Joseph who graduated two years ago.

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### Schoenbrun's Talk

(Continued from Page 4)

history to show that his generation had many problems, too - the stock market crash of 1929, the depression of the 1930's, the dictatorships of Mussolini in Italy and Hitler in Germany and, of course, World War II.

"When we were your age, American factories were rusted from disuse and fields were turned into dust bowls. America was weak and isolated and frightened, torn by labor disputes and racism and gangsterism. It was a rotten world and we vowed we would make it better. And we did!

"You are right in criticizing us for the rotten world we are turning over to you, but you ought to know what you are talking about and what went wrong. We did not know that the marvelous machines we were building were spewing out poisonous gases, polluting the atmosphere. We did not know that the chemical nutrients that turned the dust bowls into green prairies were deadly poisons fouling the rivers, lakes and oceans.

"Criticize us for that ignorance, even for our failure to correct it once we realized what we were doing. But acknowledge, at least, that we did a fantastic job of creating goods and foods and the means of production, and that we broke our backs in labor at this giant task.

"Then take this marvelous machine we have wrought and make it work without gas and poison, and distribute its products more equally to all peoples. That is your challenge."
32 Students Earn Perfect 4.00 Averages

A record number of 32 students compiled perfect straight 4.00 averages for the recently concluded spring term at Broome Tech, and five seniors completed their two years at the college by earning a place on the President's List for all six of their terms in school.

They are Philip Colandro and Gary Pendleton in civil technology, Patricia Dolan in nursing, Thomas Johnson in business, Mary Matson in dental hygiene. Five others made the President's List for five of their six terms -- Jo Ann Beston, Melvin Creeley, Sheila Decker, Alfred Hermann and John Kovach.

To make the President's List, one must have an average of 3.50 or higher for a possible 4.00, with "A" counting as 4.00, "B" as 3.00, "C" as 2.00 and "D" as 1.00.

The 32 who achieved 4.00 straight Averages for the spring term are:

- Patricia Alscope
- Debra Barbash
- Alan Burk
- Melvin Creeley
- Shirley Clark
- Philip Colandro
- Barbara
- Cathy Dewey
- Mariana Desamino
- Carol Ann Dintuley
- Richard Gough
- Alfred Hermann
- Sharon Holmes
- Jack Irishan
- Marilyn Jackson
- Kathleen Knights
- Paula Lomonaco
- Eleanor Lorden
- Steven Mitchell
- Gale Mulligan
- Katherine Palmer
- Linda Palmroos
- Robert Pratchler
- Phil Rocks
- James Savich
- Denise Seals
- Patricia Thayne
- Peter Urdanick
- David Wade
- Cheryl Webster
- Marilyn Whit
- Marjorie Woodward

In addition, 33 freshman have been on the President's List for all three terms of their freshman year, including Shirley Clark who had a perfect 4.00 for all three of those terms and 11 of the other 4.00 achievers listed above -- Barbara, Holmes, Inajijan, Jack, Knotts, Lorden, Mitchell, Pratshler, Rooks, Small, Urdanick and Webster.

The others are Charles Cassin, Mary Ann Cipar, David Cisz, Karen Cittenden, Eileen Donovan, Joan Duff, Fred Edwards, Howard Evans, Gail Gerchman, Wayne Hardey, Nancy Hubbard, Linda Judd, Gail Kostyshak, Ethel Lamoureux, Emily Lament, Brigi O'Neill, Joanne Schlafer, Gloria Seniw, Peter Weins, Donna Willis.

The others who made the President's List for the spring term, in addition to those previously noted who had 4.00 averages, are:

- Binghamton -- Alfred Arnold, Jo Ann Besten, Carolyn Bishop, Christopher Black, Victor Brzozowski, David Cuthill, Richard Citrak, Candice Clark, Richard Conklin, Robert Corey, Kathleen Cregan, Douglas Dean, Sheila Dokey
- Paullette DiNardo, Patricia Dolan, Eileen Donovan, Deborah Durkot, James Eaton, James Edwards, Thomas Edwards, Howard Evans, Martin Foley, Charles Frazer, James Furch, Therena Gallagher, Gail Gerchman, Dennis Harding
- Daniel Morris, Gerald Motsavage, Donald Myers, Patricia O'Connor, Brigid O'Neill, Linda Orzelak, Karen Pasquale, James Parsci, Gail Pendleton, Mary Pilotti, Peter Pompeii, Eileen Randall, Kristi Raymond
- Steven Reid, Robert Reilly, Victoria Salkow, Gerald Schmer, James Seiber, Raymond Sera, Brandon Smith, Stephen Stover, Susan Streeter, Brian Sullivan, John Kovach, Brian Munson, Carl Plichta, Elizabeth Powell

Nineteen organizations and professional societies gave awards to 34 students at Broome Tech this spring, and most of them were for outstanding academic achievement.

Among those recognized was Beverly Gifford, a freshman in the college's medical office assistant program who received a $200 scholarship from the American Medical Technologists; to liberal arts senior -- American Society for Testing and Materials Award; to chemical technology senior -- American Society for Testing and Materials Award; to engineering science class of 1980 -- IEEE Award (Institute of Electrical and Electronics Engineers); to mechanical technology senior -- IEEE Award (Institute of Electrical and Electronics Engineers).

EILENCOCT -- James Bankes, Robert Deckers, Donald Decker, Marlene Goun, Wayne Hardey, Bensley Hottens, Alan Mulesky, Cynthia Schneider, Michael Wilcox, Donna Willis, Dorothy Woll.

ENDWELL -- Kathleen Bailey, Elizabeth Chaisn, Timothy Chipman, Michael D' Joyce, Kristine Dutcher, Jan Kubik, Ellen O'Connor, Bruce Oldfield.


VESTAL -- Daniel Babuka, Joel Duff, June Kasken, Mary Kovach, John Kovach, Brian Munson, Carl Plichta, Elizabeth Powell.

TRIPLE CITIES AREA -- Robert Bennett of New Milford, Charles Cassin of Endwell, Karen Cittenden of Greene, Timothy Donnelly of Whitney Point, James Echof of Wind, Robert Friedlander of Greene.


Barbara Smith Kirkwood, Ronna Smith of Owego, Martha Taylor of Chenango Bridge, Jacqueline Teifer of Owego, Paula Wiltsie of Newark Valley.


Mary Matson of Alba, Pa., David Bankert of Lyons, Michael Wood of Hobart.

Students competing the Pinto with other manufacturers' sub-compact during the unique marketing project conducted by marketing students. They had a Pinto on campus during the entire spring term, and they did an in-depth marketing survey on the product.

Honor Awards Won by 34
3 Expansion Projects to Be Ready by Fall

New Building For Business Is Next Item

Three of the five projects in the campus expansion program's first phase are proceeding on schedule and will almost surely be completed before the start of the 1971-72 school year in September.

These are the site and utility work, the expansion of the food service and cafeteria area in the Student Center, and the creation of the Library Plaza, which is an area of trees and benches to provide a place of beauty, rest and relaxation.

The new Business Building has had the design work completed and bids are expected to be received in July. The new Physical Education Building is still on the drawing board.

The site and utility work, which dug up the campus as never before for ditches for sewer, electrical and gas lines, should be finished in July. This includes a new perimeter road system, parking lots that will accommodate 1800 cars and the utility lines mentioned above. New lighting for the roadways and for the campus walks will also be in use this fall.

The enlargement of the Student Center will provide eating space for about 2 1/2 times as many students as previously - about 600 compared to 250. There will also be relaxation.

The Library Plaza, for which money was donated by the Classes of 1966 through 1970, begins to shape up. Workmen put finishing touches on the concrete benching. Mechanical Building is in background, with Quadrangle at right.

The Library Plaza, money for which was donated by the Classes of 1966 through 1970, begins to shape up. Workmen put finishing touches on the concrete benching. Mechanical Building is in background, with Quadrangle at right.

The Physical Education Building is still the subject of meetings between college officials and the architects to determine just what facilities to include for the money allotted. The inflation of construction costs since the Master Plan was designed has prevented following the original plans.

The Button-Chittenango Co. is doing the site and utility work and the Library Plaza, and the Nezlek Construction Corp of Johnson City is doing the Student Center expansion work. Leonard Rebulliti and Donald Dickinson are the architects.

The landscape architectural consultants, Katz and Schneider of Syracuse, won national recognition recently for excellence of design for work they did at Chenango Valley State Park.

About the Alumni

Thelma (Jordan) Hegemann (DH-59) has been named editor of the Northern California State Dental Hygiene Association publication "The Dental Hygienist." She lives in Walnut Creek, Calif.

William Stewart (BT-68), now on the faculty at Alfred Ag and Tech College, recently had a paper published in the Journal of Business Education. It was entitled "Developing Skills in a Developing Country," and it told about his experience in the Peace Corps teaching business subjects to African girls in Uganda.

... 62-Year-Old

(Continued from page 6)

Thelma Hegemann first enrolled a year later.

It is noteworthy, according to Carlton S. Everett, dean of continuing education at the college, that about 88% of the diploma recipients plan to continue their evening school courses in pursuit of the associate degree. This group includes Mr. Early.

He also noted that three of the recipients are in their 50's, so that age is apparently no deterrent for those with the desire to enroll.
Over 1600 Enrolled in Summer Courses

Record High; Registrations
Up Over 20%

With more than 1,600 students enrolled in courses at Broome Tech this summer, the college's summer-time student body now exceeds the regular full-time day school enrollment of 1966, which is only five years ago. It is also the most ever in the summer.

Summer course registrations (the number of courses students register for) is up over 20% more than last year, according to Otto Behrens, assistant dean of Continuing Education.

"The tight job market is undoubtedly the major explanation for the increase," he said. "But another important reason is that many four-year colleges accept transfer credits for courses taken here during the summer - more than 65 last year.

"This enables many Broome County residents who attend out-of-town colleges to be at home during the summer and still take college credit courses that can lighten future loads or make up for past failures."

The Summer Session has more than 1,200 students enrolled in credit courses, both at night and in the daytime. This is a record total. It also has four special non-credit courses whose combined enrollment will be at least another 225, Dean Behrens noted.

There are, in addition, 155 full-time day students on campus this summer in courses in the college's electrical, mechanical, X-ray and medical laboratory technology curricula. These students have two terms of work in industry or hospitals or laboratories scheduled into their programs and that requires summer classes or summer work for them.

Most of the summer session courses fall into four major categories - liberal arts, mathematics, science and business.

Tennis Hornet Capture Regional Title Again

The Broome Tech tennis team captured its second consecutive regional championship this year to spark the spring sports achievements. The team was undefeated in dual competition for the third straight season, taking all nine matches to make it 29 in succession.

Bruce Sims, No. 1 man, brought his two-year record to 30-3 before he won once and then lost twice in the national tournament in Ocala, Fla.

Bill Thomas was 56-8 and Mike Nelson 33-7 for their two years before bowing in Florida, and Larry Davis was the lone freshman among the top four. He was 23-1 before losing twice in the Nationals.

The baseball team split 14 games, and the golfers were 6-6-1.

The Most Valuable Players were Gerry Newby and George Fisher in basketball, John Shiel in wrestling, Sims in tennis, Dan Fairchild in baseball and Gene Arthur in soccer.

All five seniors on the basketball team received their degrees, a not too frequent occurrence in college sports these days. They are Newby, Fisher, Jim Brody, Don Verkey and non-starter Gary Anderson.

Newby is Cornell bound, Verkey is going to Plattsburgh, Brody and Anderson to Harpur and Fisher either to Elmira College or Central Connecticut State.

... Learning

(Continued from Page 1)

dents to make better use of the time spent together in the classrooms and laboratories.

The learning center will be used in nursing, electrical technology, X-ray technology, and anatomy and physiology in the fall. Each area will have its own station.

The $53,949 grant awarded to the college is to be used to purchase the 48 machines, to buy the film and tape cassettes to be used in them, and to pay the faculty members to develop the proper films and audio tapes for each course involved. Faculty members will work on this material this summer.

"The learning center technique places greater responsibility to learn upon the student," Dr. Sanders said, "and recent experiences and experimentation have shown that is a desirable change in the educational process."

$5,732 Grant

Adds Support

Broome Tech has also received a "companion" grant of $5,732 from the Federal government to purchase equipment and some supplies for eight to 12 additional learning stations.

The funds, which had to be matched by the college, will be used for such learning facilities as audio tape recorders, slide projectors, desk dividers and headsets.

These will be for students in curricula other than the four provided for in the first grant of $54,949 -- nursing, X-ray technology, electrical technology, anatomy and physiology. The disciplines expected to make the most use of the additional equipment are mathematics, biology, economics and perhaps business.

This grant has been awarded to the college under Title 6 of the Higher Education Act of 1965.