

# LYCOMING

COLLEGE REPORT April 1972/Volume 25, Number 4

Class of 1922  
50th  
REUNION

## ALUMNI DAY '72

Class of 1971  
FIRST  
REUNION

Reunion Classes: 1912 1917 1922 1927 1932 1937 1942 1947 1952 1957 1962 1967 1971

### Friday, May 5

SIXTH ANNUAL ALUMNI-FACULTY GOLF TOURNAMENT  
White Deer Golf Club (Route 15 six miles south of Williamsport)

Sponsored by the Alumni Association Registration Fee: \$10.00  
Tee Off 8:00 a. m. and 1 00 p. m. Luncheon 12 00-1:30 p. m.

Registration fee includes luncheon, green fee and tournament fee!  
Reservations for the golf tournament must be received by May 2!

\* Non-golfers are also welcome at the luncheon, to become a part of the gallery, and to follow their favorite duffer around the course. Cost of the luncheon only is \$5.00.



8 00 p. m. Old Films of the Campus Burchfield Lounge

### Saturday Morning, May 6

10.30 a. m.-11 30 a. m. REGISTRATION Academic Center, Pennington Lounge

CAMPUS TOUR AVAILABLE  
COFFEE & DOUGHNUTS

Some members of the Faculty will be present to greet alumni.

11 30 a. m.-12:30 p. m. BRUNCH Wertz Student Center (College Dining Room)

### Saturday Afternoon, May 6

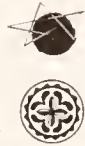
12 45 p. m.-1 30 p. m. ANNUAL BUSINESS MEETING Room B-207 Academic Center  
Immediately following the Alumni Luncheon

1 30 p. m. CLASS REUNIONS Rooms assigned on 2nd Floor of Academic Center

2 00 p. m. FACULTY PRESENTATIONS "Unidentified Flying Objects?"  
Dr. Willy Smith, Associate Professor of Physics

3 00 p. m. "Barn-Door Bitches and Sho-Fly Pie"  
Dr. Maurice A. Mank, Professor of Zoology

4 00 p. m.-5 00 p. m. REFRESHMENTS Academic Center Lounge



### Saturday Evening, May 6

6 00 p. m. ALUMNI BANQUET Wertz Student Center (College Dining Room)

PRESENTATION OF OUTSTANDING ALUMNUS AWARD

8 30 p. m. ANNUAL CHOIR CONCERT Clarke Memorial Chapel

### BEQUESTS RECEIVED

Recently the College has received several bequests totaling \$31,979.

Mrs. Eva Rupert McKelvey '97, of Montoursville, bequeathed \$1,000 — "The interest from which is to be used annually to help a worthy Christian girl attain her goal."

Dr. George S. Klump, a long time Williamsport friend of the College, left an unrestricted gift of \$5,000 in his will.

A provision in the will of Mrs. J. Howard Ake, of Berwick, provided \$6,809 to be used for library acquisitions over and beyond the current operating budget. The gift is a memorial to her late husband, Dr. J. Howard Ake, a former pastor of Pine Street United Methodist Church.

Mrs. Blanche Sprague Olmsted, of Mt. Lebanon, bequeathed the College a \$19,170 unrestricted gift.

### STUDENTS NEED HELP OF ALUMNI AND FRIENDS TO FIND SCARCE SUMMER JOBS

On April 29th hundreds of Lycoming students will begin their search for summer employment. To many, the ability to secure a summer job will play a major role in being financially able to continue at Lycoming in September.

Can you assist a Lycoming student in this endeavor? Are you aware of summer job opportunities in your company or community? Do you know friends who are in need of summer help? If your answers to these questions are YES, contact Thomas C. Devlin, Career Development Center, at the College. By making known the specifics of the summer position(s) to Mr. Devlin, he will be able to relay the information to the students. A little help on your part can mean very much to a student.

## FACULTY WIVES ESTABLISH SCHOLARSHIP

A scholarship fund of \$5,000 has been established by the Lycoming College Faculty Wives with income from the fund to be awarded annually to a full-time female student at Lycoming.

A check establishing the scholarship fund was recently presented to Oliver E. Harris, director of development, by Mrs. K. Bruce Sherbine, president of Faculty Wives. The principal will be invested and earnings from the investment will be awarded annually to a student chosen by a committee. The award will be made for the first time during the 1972-73 academic year.

The recipient of the annual scholarship award will be determined by a committee of four comprised of the Faculty Wives president, a female member of the faculty, and a representative each from the office of student services and financial aid office.

The award will be based primarily on academic

standing and financial need. Criteria for awarding the scholarship was established by a committee of faculty wives comprised of Mrs. David G. Binsey, Mrs. James R. Jose, Mrs. Glen E. Morgan, Mrs. R. Andrew Ludv., and Mrs. W. Arthur Faus using opinions expressed in a poll of the members as their guide.

The \$5,000 represents successful attainment of a goal set by the faculty wives almost ten years ago when the group approved a project to raise that amount for a scholarship fund. During that time the members have devoted many hours to special fund-raising projects. And their efforts were rewarded during the past year when they reached the goal.

During the decade needed to achieve the goal, the group worked long hours conducting rummage sales, bake-sales, card parties, barbecues, and selling notepaper. In addition, other funds were received as memorial gifts and through personal contributions.

## LONDON Memorial Day Holiday



Mrs. K. Bruce Sherbine, president of the Faculty Wives, presents a \$5,000 check to Oliver E. Harris, director of development, to establish an annual scholarship for female students. Mrs. W. Arthur Faus, president of the Faculty Wives when the scholarship project was initiated, looks on.

# HE CAME HOME AS THE BARBER

By PROFESSOR WALTER G. McIVER

Thursday evening, March 23, was a particularly happy evening for the Lycoming community. The Turman Opera Players presented "The Barber of Seville" by Gioacchino Rossini as a part of the Concert Series. The audience loved it!

Much could have been said about that opera. It is a masterpiece of style. It contains some of the world's truly enchanting music. It presents outstanding opportunities for characterization. All that, and more, could have appeared as part of the program notes and, no doubt, Professors Sheaffer and Russell did provide their classes with pertinent pre-performance information.

However, the big "kick" of the hilarious evening which brought us an absolutely zany "Barber" was the homecoming of James Poulliott '60 in the role of Figaro. The very generous applause that Jim received after the closing curtain demonstrated the audience's appreciation for his singing and for his acting.

After graduation from Williamsport High School, Mr. Poulliott entered Lycoming in the fall of 1956 as a music major. He was accepted into the touring choir immediately and toured in England with the Lycoming singers during the summer of 1957.

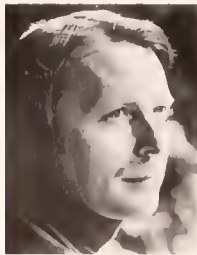
As *Old Blotch* in Carlisle Floyd's "Susannah" Poulliott demonstrated considerable flare for the theater. Subsequently, he performed in several plays: "The Window Boy," "The Importance of Being Earnest," and "My Three Angels," among them.

Jim graduated from Lycoming in 1960, but he returned in the fall to complete the education

courses required to certify him for teaching at the secondary level. He taught English, French, and dramatics at Williamsport High School from 1961 to 1963. His summers were used for summer stock in North Carolina and at Chautauqua, New York.

At Chautauqua he sang in the chorus of the Opera Theater and performed occasionally with the Cleveland Beperatory Theater which was located in Chautauqua. There he studied voice with Josephine Antoine who was helpful in getting James admitted to the Eastman School of Music. Julius Huehn, Eastman's first voice teacher, worked with Jim from 1963 to 1967 when he received the master of music degree in performance and literature.

During his stay at Eastman James enjoyed a remarkably diverse experience in performance. He was Colonel Pickering in "My Fair Lady," Sid in "Albert Herring," Beverly Sills' uncle in "Merry



Mount", the Narrator in several children's pieces with the Rochester Philharmonic, and a regular recitalist in the Eastman graduate program.

Armed with a good education and great determination, James Poulliott went to New York in the fall of 1967. Auditions and more auditions are usually the requirement for jobs in Fun City, but Jim was fortunate in being accepted as the baritone soloist with the Whit, Lo Singers, a professional touring choir. Two seasons with the Whit, Lo Singers allowed Jim to perform as Porgi in a synopsis of Gershwin's famous opera which played throughout the country. His second season the Whit, Lo Singers presented the TV special "The Birth of a Chorus".

James joined the Turman Opera Players in 1969. Since that time he has been enjoyed in over a dozen roles, having been heard in "Cosi Fan Tutti", "Fledermaus", "La Boheme", "Susanna", "Madame Butterfly", "Don Pasquale", "Brigadoon", and others.

As a free lance artist, James has acted in several off-Broadway plays, sung in oratorio both in and out of New York City, and appeared at Lincoln Center in "An Evening of e. e. cummings' Poetry." In April he will sing three performances of "The Barber of Seville" in Tucson, Arizona.

When James Poulliott performs he performs well. There is, in that young man, a built-in standard of singing and acting that has made him shun mediocrity. Over the years there may have been singers and actors at Lycoming who possessed slightly greater natural ability. But no graduate of our College has worked harder to use all of the talent he possesses.

## CAMPUS NOTES

HOWARD WORTH, 55, film producer and director, brought his latest picture "RAG V" to a special Pennsylvania Premiere at the State Theater on Tuesday, March 21st. The highly acclaimed biography of Indian musician Ravi Shankar was the focal point of a two-day visit Howie made to the campus. He had a full schedule speaking with various class groups, and informally the visit topped until 4 a. m. after the movie. Look for an article in the June magazine issue of the *Lycoming*.

WFBC-TV AT 10:00A featured Lycoming College on a half hour program shown at 10:30 p. m. on Tuesday, March 14th Citizens Cable, which ordinarily does not pick up WFBC-TV, screened the program by special arrangement. The show began with a slide-illustrated commentary on the college by President Harold H. Hutson. Interviews by WFBC-TV's John Riley with Dr. Hutson, Dr. James R. Joseph, dean of the college, and William L. Baker, assistant business manager and director of financial aid, were interspersed with selections by the Lycoming Singers under the direction of Professor Walter G. McIver.

DAVID HAVEMEYER '74 and ROBERT ZIMMELMAN '74 have been selected to participate in the academic exchange program with the Pädagogische Hochschule of Göttingen for the 1972-73 academic year. They will attend an eight week German language course during the summer at one of the Goethe Institutes in Germany before they begin classes at Göttingen in mid-October.

FACULTY RESEARCH GRANTS for the summer of 1972 have been awarded to ROBERT B. ANGSTADT, assistant professor and chairman of the Department of Biology, MORTON A. FISZMAN, professor and chairman of the department of physics, and DAVID A. LUTZ, assistant professor of religion.

FACULTY GRADUATE STUDENT GRANTS RECEIVED for 1972-73 are: VIRGINIA R. AMOBI, assistant professor of sociology, LADIA A. DUBOIR, assistant professor of Spanish, RICHARD W. FLEMMING, assistant professor of mathematics, WESLEY H. GREEN, assistant professor of biology, KENNETH R. SAUSMAN, instructor in mathematics, and ROBERT F. MACCUMBI, assistant professor of business administration.

SUBSTITUTION LEAVES for the 1973 spring semester have been granted to three faculty members. RICHARD

W. FELDMAN, assistant professor of mathematics, EDUARDO GUEBBA, professor of religion, and JOHN A. RAISINSKI, professor of chemistry.

THE PENNSYLVANIA REGIONAL CHAPTER OF THE SOCIETY OF PHYSICS STUDENTS had students and physics teachers from educational institutions throughout Pennsylvania participating in the group's spring meeting hosted by the Lycoming physics department and the local chapter of PBCSFS. MICHAEL KENNEDY '73, president, Dr. Erwin W. Mueller, professor of physics at The Pennsylvania State University, was the main speaker. Sessions included a college physics bowl tournament, films, student papers, committee meetings, and a business meeting.

MORTON A. FISZMAN, professor of physics, gave the principal address at the installation ceremonies of the Muldenberg College Chapter of Sigma Pi Sigma, honorary physics society, at Allentown. He discussed a research project being conducted by the physics staff and students on the production of metastable atoms and molecules by electron impact. The project has been partially supported for three years by an Undergraduate Research Grant of the National Science Foundation.

Mrs. JAMES W. MADOLEN, assistant professor of English, attended the three-day International Symposium on Communication Technology, Impact, and Policy held at the University of Pennsylvania Annenberg School of Communications which co-sponsored the meeting with the Communications Workers of America. AFL-CIO Forty-two authorities from the U. S., Canada, Chile, France, Finland, Great Britain, Israel, the Soviet Union, and Switzerland were panelists for various discussions with the 350 invited participants.

MARCELYN A. MOOK, professor of anthropology, has written a foreword to *Foundations of Pennsylvania Prehistory*, edited by two of his former students at Penn State. B. C. KURT who is Pennsylvania State Archaeologist and J. F. SMITH, III who is Assistant State Archaeologist.

RICKER D. SHIPLEY, assistant professor and chairman of the art department, has received an achievement award of \$500 for his sculpture titled "Pictorial Participation Number 24" exhibited recently at the Appalachian Corridors Exhibition 3 Biennial Show in Charleston, West Virginia. Roger is having a one-man show of his sculpture during April at the Lycoming County Historical Museum as part of the Williamsport Area Art Council's Arts Festival.

JAMES GIRARDI, a football standout at Williamsport High School and the University of Maryland, has been named to the coaching staff. Girardi, whose specific duties will be assigned later, will assist his brother, Frank, who replaced Budd Whitehall as Lycoming's head coach at the end of the 1971 season.

Jim is a member of the faculty at South Williamsport High School, a post he will retain. His previous coaching experience includes two years as head coach at Oxon Hill High School, Oxon Hill, Maryland, and backfield coach at Jersey Shore Senior High School.

Under the coaching of Tom Vargo at Williamsport High School, he starred as a running back. His achievements earned him numerous all-conference, all-state, Big 33, and High School All-America recognition before he graduated in 1959. He then enrolled at the University of Maryland and played three years during the tenure of Coach Tom Nugent. He graduated from Maryland in 1964.

THE MIDWEST MODEL UNITED NATIONS CONVENTION held in St. Louis in early March had five Lycoming College International Relations Club members present. The students representing Poland were PAT and HELENE BOLINSKI, GAIL COLLETHLY, BOB HOWBES, and KEN JENSEN. About 600 students from 100 colleges attended.

## MAILBAG

To The Editor,

I don't doubt that you will get some flack about Dr. Albert's "Jail Diary." Please know that this is one alien who was deeply moved by the account and is appreciative of the risk you were willing to take when you included the article in the January issue.

There are days when being a member of the establishment in higher education is a bummer. Thanks to you and especially to Bill Alberts, this was not one of them.

I am grateful for his witness. I regret that we were contemporaries at Lycoming who never got to know each other.

Cordially,

Harry J. Canon '52, Interim Assistant Dean Student Affairs and Student Development Services The University of Nebraska — Lincoln Lincoln, Nebraska

# SPORTS REVIEW

By BRUCE L. SWANGER

Spring sports at Lycoming, normally shorter than the fall or winter programs, will be reduced to a greater degree than ever this year. And that isn't taking into account the vagaries of the weather, a factor that often curtails the program even more.

With Lycoming in the first year of the new 4-4-1 calendar, the regular spring term ends April 28. And the first games were held April 5, giving the teams only a little more than three weeks to complete their schedules before the end of the semester. However, most players have agreed to remain after the close of school to participate in contests that had been scheduled for early May before the new calendar was adopted.

The three teams will also participate in the Middle Atlantic Conference championship events the first week in May. When baseball was eliminated last fall as an economy measure, the spring program was reduced to three sports, tennis, golf, and track.

Tennis Coach Nels Phillips has five lettermen from the team that last year finished with a 7-3-1 record. The Warrior netters have an eleven-match schedule this year plus the MAC championships at Moravian.

Coach Seth Keller welcomed four lettermen back to the track and field squad that last year won five and lost three. The trackclads have six meets scheduled, with three of them triangular events. They also will compete in the MAC championships at Swarthmore.

Dave Buscy, golf coach, had two lettermen return to form the nucleus for a six-man team that is scheduled to play ten matches, including six triangular events.

## WINTER SPORTS SUMMARY

Despite some outstanding individual performances by players during the winter sports program that ended in early March, none of the three teams turned in a winning season.

## WRESTLING

The wrestlers of Coach Budd Whitehill came the closest, recording an even 7-7 mark to finish at 500 for the second consecutive year. Among the top performers were Captain Bruce Whitaker, a senior from Virginia Beach, Virginia, who compiled a 8-1-1 record wrestling at 155 lbs. He made the top showing among Warrior grapplers competing in the MAC championship tournament with a second-place finish. Other outstanding records included 10-2-1 by Dave Webster, of Altoona, at 115, 12-2 by Wayne Goodrow, of Levittown, at 190, and 7-4-3 by Joe Baxter, of Sayre, in a sylvweight. All three will return next year.

## BASKETBALL

The sophomore-dominated basketball team coached by Dutch Burch failed by four points to compile a winning season. An extra point in regulation time in each of the two games lost in overtime (East Stroudsburg and West Virginia Tech) plus two points in an 85-84 loss to Susquehanna would have given the Warriors a respectable 12-10 record instead of 9-13.

Rich Henninger, the sophomore co-captain from South Williamsport, captured the MAC scoring championship and was tenth in the nation in scoring among college players with a 26.7 average. He was named to the MAC All-Star team, was voted the outstanding player in the Berwick Rotary Invitational Tournament, and was chosen for the All-Star team in the Washington and Lee Tournament. Henninger scored 560 points during the year on the way to joining the exclusive Lycoming College 1,000 Career-Point Club, the eighth player in Warrior history, to gain that distinction. He now has a career total of 1,063.

Tom Smith, another sophomore, was runner-up to Henninger in scoring with 388 points for a 16.7 average. The 6'-5" forward from West Hazleton was also given honorable mention on the MAC All-Stars. The two sophomores have been named co-captains of the Warrior squad for 1972-73. Mike Herman, of Canton, will be the only player lost by graduation.

## SWIMMING

Co-Captains Steve Muttler, of Jersey Shore, and Steve Marshall, of Convent Station, New Jersey, both had fine years for the Warrior swimmers coached by Murt Bauff. Despite the efforts of the two co-captains, the mermen were able to win only two contests while losing eight. Both Muttler and Marshall will be back next year.

# LYCOMING SCHOLAR PROGRAM EXPERIMENTS

The Lycoming Scholar Program was originally set up in 1966; its original "charter" from the faculty said that it was designed for students who were intellectually able to work in special breadth or depth in some area. Implementation of the program was in the hands of the "Lycoming Scholar Council".

The Council, made up of four Scholars — elected by their peers — four or five faculty, and the Dean of the College, is now in the process of reviewing our progress over those six years, and making new decisions about the goals and methods of the program.

Most Scholars have come into the program through a selection process which selects and interviews them in their senior year of high school. If they have met our criteria of board scores and class rank, they have been invited to campus for faculty interviews and student evaluation. Each year from twelve to twenty-five Scholars come in this way as freshmen. The other method of entry is to apply while a student at Lycoming. The prerequisite is a 3.25 average for each of two preceding terms. Letters of recommendation from two faculty members, a letter of application, and an interview by someone on the Scholar Council are required. Several students come in each year by this route, this year more than ever.

By and large Scholars stay in the program, but some leave the college for various reasons, and some are dropped by the Council because of poor performance or obvious lack of interest. At last count our books showed sixty-five Scholars, with several more applications pending.

## ALUMNI NOMINEES

The following alumni have been nominated by the Alumni Executive Board for one year terms as officers of the Lycoming College Alumni Association.

President — Daniel Fultz '57  
Vice President — Jack Parsons '62  
Corresponding Secretary — Claramar Conhick Clunk '59  
Recording Secretary — Ann Bennett Zeisloff '63  
Treasurer — Eugene Landon '57

The following alumni have been nominated for three year terms as members of the Executive Board of the Alumni Association.

James Hoffman '63 Marshall Sanders '36  
William Worobec '70 Martha Hickerson Kirk '62  
Dennis Kitzman '59 Luenda Earle Hults '65  
John Joe '59

The annual business meeting of the Alumni Association, with election of officers and board members will be held at 12:45 p. m. May 6th following the alumni luncheon on campus. In accordance with our constitution, all of the above nominees have agreed to serve if elected.

*Richard B. Henninger, a sophomore from South Williamsport, receives a plaque, commencing the 1,000 points Rich has scored in his two years at Lycoming, from Dr. R. Andrew Lady, assistant to the president.*



## LYCOMING

College Magazine

April 1972 - Volume 25, Number 4

LYCOMING is published monthly (except July and August) by Lycoming College. Second Class postage paid at Williamsport, Pennsylvania 17701.

### Staff

Editor — JOSEPH P. LAVER, JR.  
Associate Editor — DALE V. BOWER '59  
Sports Editor — BRUCE L. SWANGER

Many colleges and universities have "Honors Programs" for their most capable students, and our Lycoming Scholar Program fits what passes for Honors Programs across the country. I have studied many such programs, and the only common feature seems to be that certain students are designated as "Honors Students"; their responsibilities and privileges fall into no common pattern. But while some Honors Programs put their Honors Students on a completely separate "track", Scholars at Lycoming are generally working in the course offerings open to every other student.

Perhaps the best way to describe our program is to mention a few things we have done in the past.

Freshman Scholars have taken one or two special seminars for credit. One advantage of such seminars is that they provide opportunities for Scholars to get acquainted with each other. These seminars are usually interdisciplinary in nature. An example of this was the seminar on "Images of Man", which combined material from literature, psychology, and religion.

Senior Scholars have taken, "presented" might be a better word, a non-credit seminar in which they reported on some project they had recently undertaken. These reports have usually been combined with a leisurely meal at a faculty home or local restaurant, thus adding a pleasant social dimension. One such report last year was given by a Scholar who had majored in history; she discussed "Attempts at Federation in the American Colonies Before 1776". Formidable, perhaps, but it resulted in a great deal of discussion as the Scholars and teachers present went at the problem from their own perspectives.

Lycoming Scholars have undertaken specialized programs of many sorts, both on the campus, and away. They have engaged in specialized research at the Institute for Behavioral Research in Bethesda, Maryland, at the University of Edinburgh, and in the United Nations Semester Program of Drew University. Currently, some of our Scholars are studying in England, Germany, and Spain.

Much of the Scholar's course work taken at the college is in the normal course offerings of the college, but even then they frequently have opportunities to substitute special papers and reports more in line with their interests and abilities. Often as Scholars they find it easier to arrange Studies and Honors courses.

Last April about thirty Scholars and faculty spent a do-your-own-time weekend in New York. We saw plays, visited museums and zoos, and generally had a good time. The college underwrote some of the expenses.

The Scholar program, because of its small size and organizational structure, is much freer to experiment educationally than is the college as a whole. Innovations can be tried here at little cost, and sidestepped if they fail. On the other hand, successful ones may find their way into the general curriculum. An example is Interdisciplinary Studies which were first seriously tried with Lycoming Scholars. Several examples will illustrate what we are trying now.

While the college as a whole is moving away from a strong advising system to a voluntary one and leaning on distribution requirements to furnish the proper "hunts", the Scholar Council is moving to a strong advisory system, allowing each Scholar and his advisor to solve the problems of breadth and depth in education. For example, it may be decided that a student with considerable talent and experience in music need not take any courses in the area of Art. Each Scholar's program will be reviewed periodically by the Council.

The Council is experimenting with allowing Scholars a very large voice in directing their own education. It may turn out that students will respond to greater responsibility for their own educational destiny.

We are now using present Scholars to a much greater degree in selecting new members of the program. Such student evaluations may turn out to have more predictive value than opinions of us elders. If so, the school might wish to modify its college admission policies.

# CLASS news

Edited by DALE V. BOWEN '59

have one son, age eighteen months.

1966

TOM and DOTTIE (KUNTZ) MILNER announced the birth of a son, Scott Thomas, on February 9, 1972. Scott has a sister, Julie, age three. Tom and Dottie are living in Towson, Maryland, where Tom is a senior marketing analyst for Humble Oil.

TOM DECKER was promoted from assistant treasurer to assistant vice president of Central Counties Bank. Tom and his wife, Rose, live in State College. Central Counties Bank has eight offices in Centre and Clinton Counties.

1965

SUSAN CHRISTIE and Stanley Dobrinsky were married February 12th in the Union Village United Methodist Church. Susan is employed by Somerset County, N. J., as personnel assistant.

JOHN and CONNIE (HERZ) FINKLER brought us up to date on what they have been doing. John completed his dissertation and graduated with a doctorate from the University of Tennessee in December. For the past two years, he has been director of pupil personnel services for the Chesterfield County School System. He coordinates eight different departments headed by eight supervisors. This includes special education (trainable, retarded, hearing impaired, etc.), vocational rehabilitation, guidance, visiting teachers (social workers), psychologists, nurses, etc. In spite of the time needed to care for their three sons, Connie has completed all but her thesis for a master's degree in art education from the University of Tennessee.

LUCY (DERSHAM) FESLER is residing in Keflavik, Iceland, while her husband does a tour of duty with the Navy there.

DAVID and WINI (WATSON) SCHULTZE recently moved from Oceanport, N. J., to Doylestown, Pa., following Dave's promotion with Shell Oil Company. In November, they welcomed a janitor Lynn to join five year old Peter.

MARCI (MACK) and AL HINDICK became the adoptive parents of two little girls on February 28, 1971. Audrey Ruth was born February 16, 1965, and Julie Alisa on July 14, 1966. The adoption was legalized January 17, 1972.

MARSHALL and HONEY (BROWN '64) MINKIN welcomed a son, Matthew Harris, on December 20, 1971. He joins two sisters, Lissa and Toba.

1964

BILL GUTERMUTH is the coach of Cox High School of Virginia Beach, Va., which won the Virginia State Championship in wrestling. He also had two state champs on his team.

ANNE PITTINGER and Lewis Buckler were married January 29th in the Towson United Methodist Church, Towson, Md. Anne and Lou are living in Greenbelt, Md. Anne had been the very active leader of our alumni work in the Baltimore Area.

1962

10 YEAR REUNION - MAY 6, 1972

1961

JACK CAIN is personnel director and systems coordinator at the Williamsport Hospital. Jack and his wife, Faylene, have two children.

1960

JOHN R. COX recently became a Certified Public Accountant. He is living in New Cumberland, Pa.

FLOYD A. ROLLER, business manager and controller of Juniata College, will now handle all business affairs of the college. He has been responsible for all the current business operations of the college including budgeting, accounting, purchasing, non-academic personnel, and related functions. He has now added to his portfolio responsibility for endowment management and for operation of the physical plant including campus and buildings. Floyd is married to the former BARBARA THOMAS.

JAMES BASSETT is returned to Williamsport as one of the key officials in the new "stop mayor" form of city government. Jim is the director of finance and personnel. Jim had been with the Philadelphia County Court System.

KEN POLCYN has two articles appearing this year in *Educational Technology*. They are part of a four part series he is writing for the magazine. In addition, his book *Broadcast Satellites and Other Educational Technology Current Status and Related Issues*, is being considered for publication. Ken has just spent a month in Brazil reviewing their educational system and their progress in preparing for the satellite experiment. Ken says "the communication satellite looms as probably one of the most significant by-products of America's space efforts." Ken works out of the Tallahassee Office of the Academy for Educational Development, Inc. He was on campus for the Lycoming-Albright football game last fall. We hope to devote a full article in the alumni magazine to his work soon. Ken is married to the former DOROTHY HUMMEL '59.

MARIE WHITE BELL has been working as an associate chematrapist for the past eleven years. She is a third year evening student at the Seton Hall University School of Law. Marie's husband, Conrad, is a physician and they live in East Brunswick, N. J.

JACKIE LOU SNYDER NOWAK has been named by the Cumberland County Commissioners to the newly created post of county coordinator for the aging. Her goal for approximately 13,000 county residents over 65 concerns the things they want for themselves -- custodial care when it's needed, multi-purpose centers, information, counseling and referral service, working with voluntary agencies such as Homemakers Service, Meals on Wheels and the Visiting Nurse Association, protective service and telephone assurance. Jackie and Andy have two children and live near Williams Grove Park.

1957

15 YEAR REUNION - MAY 6, 1972

BARBARA SHICK is the chief laboratory technologist at New Lebanon Hospital in Newburgh, New York. Barbara is presently the president of the Georgia Society of Medical Technologists.

1955

JOHN W. KNAUBER has been named chief of the division of occupational health in the Pennsylvania Department of Environmental Resources. He works out of the central office in Harrisburg.

1953

RICHARD BRUNNER and Gillian Betley were married March 4th in One Church of Our Savior, Mountourville. ELMER KOONS '50 was best man. Dick is Personnel Supervisor for CTE Sylvania, Inc., Williamsport.

1952

20 YEAR REUNION - MAY 6, 1972



FRED W. NORMAN, Associate Minister, First United Methodist Church, Springfield, Illinois, guest newswoman at Springfield, MELVIN '68 and HARRIET (HOOVEN '69) FLEMING.

1951

BRUCE R. DECKARD has been named to a new post of Deputy Director of Finance and Personnel for the City of Williamsport. Bruce had been assistant vice president at Milton Manufacturing Company, where

he was officer manager and chief accounting officer. The director of finance and personnel for the City of Williamsport is JAMES BASSETT '60.

1950

PAUL F. O'BRIEN has been named Director of the Bureau of Administrative Services of the Pennsylvania Fish Commission. Paul's wife is the former MARY ANN CRAWLEY '52

1947

25 YEAR REUNION - MAY 6, 1972

1942

30 YEAR REUNION - MAY 6, 1972

1937

35 YEAR REUNION - MAY 6, 1972

1932

40 YEAR REUNION - MAY 6, 1972

HARRY E. RITZER has been elected president of Teachers Protective Mutual Life Insurance Company. He has been with the company for twenty years and its vice-president since 1967. Harry has also just completed ten years on the Great Valley School Board of Chester County.

1927

45 YEAR REUNION - May 6, 1972

1922

50 YEAR REUNION - MAY 6, 1972

FLORENCE PAUS TAYLOR and GEORGIA KAUFMAN SELSAM recently spent a day together in Sarasota, Florida, at Florence's new home. They had not seen each other since September, 1920, after their summer working together at the old Crestmont Inn in Eagles Mere. Florence's husband also worked there that summer, so it was a happy day of reminiscing and looking at pictures of the Seminary and the Inn. Florence and Georgia each have grown-up daughters and grandchildren now in college.

1917

55 YEAR REUNION - MAY 6, 1972

1912

60 YEAR REUNION - MAY 6, 1972

## NECROLOGY

1956 - EDWARD G. DOUGLAS died February 6th. He was manager of the Wellboro Hearing Aid Company. He was graduated from the Lewis Hotel Training School and the Pennsylvania Rehabilitation Center at Johnstown. He is survived by his mother with whom he resided in South Williamsport.

1937 - JEAN E. SLACK died February 29th in Harrisburg. She was an employee of Harrisburg Hospital, active in the American Association of University Women and a past president of the Bucknell Alumni Association of Harrisburg. She is survived by her mother, with whom she lived, and a sister.

1925 - Nell was returned notifying us of the death of PAULINE MOYER BOYD. No other details were available.

1922 - LAWRENCE B. BARTON died March 18th in the Tyrone, Pa. hospital. He was ordained into the Methodist ministry in 1925 and served until retirement in 1959. His only survivors are several nieces and nephews.

## ALUMNI HELP RECRUIT STUDENTS

Over 100 Alumni are involved in a program to assist our admissions office in recruiting students for Lycoming. Frank Karmis, admissions director and Dale Bowen, alumni director, work closely in alerting alumni of prospective students in their area who have been accepted by the college. The alumni then make a call on the prospect to talk with him about the advantages of attending Lycoming. He also gives first-hand answers to the prospects questions or he contacts the college for any clarification. Alumni have been very helpful as they share their own experiences with prospective students. Their call at the right time has helped a number of prospects decide on Lycoming. The college appreciates the continued help of all alumni as they direct students to their alma mater. The admissions and alumni offices welcome inquiries at any time.

1971

FIRST REUNION - MAY 6, 1972

LINDA MECKBACH and David Desmond were married January 21st. Linda teaches in the Williamsport Area School District while Dave completes his senior year at Juniata College.

DIANE (WEEKS) and CHRIS '72 RANNEY wrote recently from their home in Buzzards Bay, Mass. Diane is enjoying her latest role as a mother of 11 month old Alexander. She also does substitute teaching and is looking after one of the professional theatres of Cape Cod. Chris works as a bank teller and will be taking courses toward his business administration degree.

LOYD OSGOOD and Susan Scott were married November 13, 1971, in Syracuse, N. Y. ELMER LOSEY '72 was best man. Lloyd is employed by the Onondaga County Health Department at Syracuse.

DANNY MILLER has a busy schedule working as a counselor in the Plainfield, N. J. School District and attending Lehigh University's graduate school one day each week. He is working on a master's degree in education.

1970

SUSAN STEWART and William H. Evans of Orland, Indiana, were married March 3, 1971, at Sue's home in White House Station, N. J. Sue teaches 6th grade at Lebanon Township Elementary School and her husband teaches and coaches football at Scotch Plains - Fanwood High School. They are living in Piscataway, N. J.

ARNOLD H. STEN, II, presented his master's organ recital in the Pennsylvania State University music building recital hall in February. Zack is also a graduate teaching assistant in the Penn State music department and assistant conductor of the university's glee club. He is presenting the recital in the Lycoming Alumni Series on April 16th at 7:30 P. M. in First United Methodist Church, Williamsport.

JAMES SCOTT, who was an assistant director of admissions at Lycoming since graduation, recently accepted a position as Personnel Assistant at GTE Sylvania, Inc., in Mountourville. Jim's wife, SANDE (MYERS) teaches in Mountourville. They live in South Williamsport.

STEPHEN TURNBULL married Melinda Dawson on September 4, 1971, in Bellmore Presbyterian Church, Long Island, N. Y. JAMES YARNAL ushered. Steve is assistant in the department of sociology and anthropology at the University of Virginia working toward a master's degree in anthropology.

1969

BILL and NANCY (CEIB) JULIA welcomed their third, William Stephen, December 14, 1971. They are living in Verona, N. J.

1968

WILLIAM J. KOONS has been promoted to commercial vice officer of Northern Central Bank in Harrisburg. Bill and his wife, June, live in New Cumberland, R. D. #1.

1967

5 YEAR REUNION - MAY 6, 1972

ALAN COHICK has been named coordinator of the Intermediate Unit #17 Title VI program of Bedford, Lycoming, Sullivan and Tioga Counties. In the BLAST Title VI program, ALU will institute an intensive census for pre-school handicapped children. ALU had been an assistant director of admissions at Lycoming College.

PAUL E. ROBINSON brought us up to date in a recent letter. He married the former Eleanor Budd of Elmira, N. Y. on July 4, 1967, and graduated from Wesley Theological Seminary in June of 1971. He is presently serving a German-speaking United Methodist Church in Basel, Switzerland. He will join the Western N. Y. Conference next year. The Robinsons

# LYCOMING

COLLEGE REPORT April 1972 / Volume 23, Number 4 / May Term and Summer Session Supplement

## THERE'S A NEW WORLD COMING



PHOTOGRAPHY BY TERRY WILD, '68

### MAY 5, 1972

On May 5th you will be coming to Lycoming College — the **MAY TERM**.

The unique *May Term* will provide Lycoming students and other interested persons with a challenging array of forty-seven specially designed courses for the four-week term. Non-traditional courses with such diverse topics as (topics in America), occult phenomena, speleology, and the noble savage will share the roster with a number of courses involving such distinct as foreign travel and several involving interdisciplinary credit.

Newly designed courses to be offered include such varied titles as "Seminar in Beatitudes," "Ethnic and Beliefs in Process," "Labor Congresses," "Rites and Rituals," "Behavior Modification Techniques for Children," "Introduction to Oceanography and Marine Biology," "Ornithology," "Color Theory," and "Managing the Small Business" to name a few.

A number of *May Term* courses will involve travel in varying degrees. A two-week hike on the Appalachian Trail will be an experiment in basic survival designed to enable the students to grasp the concept of the "Savage" in literature as a part of an English course called "The Noble Savage." Another example will be a "Sociology Field Experience" which will have students combine anthropological and sociological field methods to analyze the tri-cultural community of Espanola, New Mexico.

On the foreign front, a "Business Abroad" course will offer students an opportunity to study current management theory and practice abroad by means of a European Tour. "A Cultural Tour of the U. S. S. R." will enable students to experience Russian culture in visits to Moscow, Leningrad, Kiev, and Odessa.

During the *May Term*, a "Field Archeology" course at a Williamsport area Indian site will introduce students to the theory and methods they will be applying in a later dig in Israel, part of a summer session. "Field Palestinian Archeology" course which also will convene in England, Egypt, Cyprus, Greece, and Italy.

*May Term* classes, which start on May 5th and continue daily until June 2nd, will meet at 10:00 a.m. to 1:00 p.m. unless scheduled to meet on a time arranged basis. A student may take one of the forty-seven *May Term* courses.

An additional forty-five courses will be offered during the six-week *Summer Session* from June 12th to July 21st. One or two courses can be scheduled by each student. *Summer Session* classes will meet daily, 8:00 a.m. to 10:00 a.m. or 7:00 p.m.

Why not consider being a *May Term* student or a *Summer Session* student? It's both! Just pick a course or two or three from the fifty-two adventures listed on the following three pages and send in the application provided at the end of the courses.

### A BARGAIN IN EDUCATION

A bargain in education awaits Lycoming students who are planning to attend the *May Term* from May 5 to June 2 and/or the six-week *Summer Session* from June 12 to July 21.

Tuition has been reduced to \$150 per unit/course for each session to encourage both full-time regular students and part-time special students to attend one or both of the special terms. A student may enroll in one course for the *May Term* and two courses during the *Summer Term*. Thus, in a period of ten weeks of instruction (eleven calendar weeks), a student can earn credit for up to three unit courses (the equivalent of twelve semester hours of credit under that system) at a cost of only \$450.00 for tuition, a savings of over 85%.

Room costs will be \$50 for the *May Term* and \$75 for the *Summer Term*. Board costs will be \$75 for the *May Term* and \$90 for the *Summer Term*.

THE MAY TERM—  
TRY IT.  
YOU'LL LIKE IT.

# 1972 MAY TERM AND SUMMER SESSION

## COURSES FOR MAY TERM 1972

### ACCOUNTING 60

Opinions of the Accounting Principles Board of the American Institute of Certified Public Accountants, Richmond, 9 a.m.

### ACCOUNTING 80

Independent Study in Accounting, Richmond, Time Arranged.

### ART 61 - Pottery.

Design problems including wheel-throwing and hand-building techniques, decorating techniques, clay and glaze formulation, building of primitive kilns and firing procedures, Raku, stoneware, and earthenware, Ameigh, Time 9 a.m. Cost of Materials \$15.00

### ART 62 - Color Theory.

Study of physiological and psychological aspects of color, Shupley, Time 9 a.m. Cost of Materials \$30.00

### ART 63 - Introduction to Photography.

The Art of Photography is a peculiar blend of technical skills and understanding, and the artistic. To be masterful there is a subtle relationship between the two. A primary objective of this course is to develop these skills simultaneously. With 4. Time 9 a.m. Cost of Materials 35mm camera and \$30.00

### BIOLOGY 40 - Parasitology.

The biology of parasites and parasitism. Studies on the major groups of animal parasites, their taxonomy and life cycles, with an emphasis on those of medical and veterinary importance. Myers, Time 9 a.m. Lab Fee.

### BIOLOGY 60 - Seminar in Bioethics.

An interdisciplinary seminar on the ethics of biological revolution. Consists of laboratory demonstrations, readings, and possibly field trips. Discussions will emphasize such issues as contraception, abortion, artificial insemination, clonal reproduction, and eugenics in relation to philosophical and theological ethics. Hughes and Green, Time Arranged. Enrollment limit 20.

### BIOLOGY 61 - Introduction to Oceanography and Marine Biology.

An investigation of some of the basic characteristics of the marine habitat and its organisms. Prerequisite: Biology 10-11 or consent of instructor. Sherbine, Time Arranged. First meeting 9 a.m., May 8. Cost of Materials, etc. Optional field trip to \$50.

### BIOLOGY 62 - Ornithology.

Will consider the systematic, ecology, their anatomical and physiological adaptations, and their natural history. Prerequisite: Biology 11 or instructor's consent. August 10th. Time Arranged. Meet 9 a.m., May 8, 1st lab fee

### BIOLOGY 63 - Clinical Microbiology.

Comprehensive study of those bacteria that are pathogenic in man, with emphasis given to disease symptoms, diagnosis, treatment, epidemiology and control measures. Prerequisite: Biology 21. Diehl, Time Arranged. Meet 9 a.m., May 8, 1st lab fee.

### BIOLOGY 64 - Piratology.

An inquiry into the biological basis of occult phenomena. A study of the history, methods and claims concerning various occult phenomena, to be accompanied by the design and execution of experiments aimed at objective analysis of whether the phenomena are genuine, and to what degree there is correlation between the occult characteristic and its tangible correlate. Areas of study include handwriting analysis, astrology, clairvoyance, water-witching, fortune-telling, and extra-sensory perception. Kelley, Time 7 p.m. Cost of Materials to \$30. (Note: Open to college and non-college participants. Does not serve as a science distribution requirement or for fulfillment of course requirements for Biology majors.)

### BUSINESS 60 - Managing the Small Business

Describing how the potential businessman proceeds in establishing, operating, and profiting from a small business operation. Considered and analyzed are such aspects as marketing, managing, financing, promoting, insuring, establishing, developing and staffing the small retail, wholesale, service, and manufacturing firm. Stauffer, Time Arranged.

### BUSINESS 61 - The Professional World of Business.

To learn the strategies for dealing with goals and problems during the first years in business. The changing face of the business world, criteria for selection of an employer and a specific job, career paths open, promotional job campaign, realities of work and pitfalls to avoid, etc. Hollenback and Devlin, Time Arranged.

### BUSINESS 62 - Business Abroad.

Offers students an opportunity to study current management theory and practices abroad by means of a European tour. King, Time Arranged. Cost Approximately \$600.

### BUSINESS 63 - Model Building for Decision-Making Purposes.

Allows students to explore specific quantitative decision models commonly employed in sophisticated business decision making. Topics are Linear Programming, Dynamic Programming; Linear Assignment, Quadratic Assignment, PERT, CPM; Portfolio Theory; Inventory Control Models. Malcolm, Time Arranged.

### CHEMISTRY 1 - General Chemistry.

An introduction to the fundamental principles of chemistry, including stoichiometry, atomic and molecular structure and properties, the state of matter, solution, kinetics, equilibrium and nomenclature. Turner, Time 9 a.m. Lab Fee.

### CHEMISTRY 60 - Biophysical Chemistry.

A one-semester course designed for the non-chemistry major who requires a background in physical chemistry for further professional training. The course builds background in chemical thermodynamics, kinetics, and properties of solution, and applies these to biological problems. Prerequisite: General Chemistry, Biology 10-11. Radspinner, Time 9 a.m. Lab Fee.

### CHEMISTRY 61 - Clinical Analysis.

This course is designed for non-chemistry majors, principally medical technologists, who desire one semester of analytical chemistry. Topics will include a review of general methods and calculations, solution and their preparation, volumetric analysis, photometric and potentiometric analysis. Prerequisite: Chemistry 2 or 11. Franz, Time 9 a.m. Lab Fee.

### CHEMISTRY 62 - Brief Organic Chemistry.

This course is designed for those non-chemistry majors who elect a single semester course only in organic chemistry. The material will illustrate principles and concepts of organic chemistry supported by that descriptive material which would find application for students of medical technology, biology, nursing, forestry, education, and the humanities. Topics included are: bonding and structure, alkenes, alynes, and their functional derivative, amino acids and proteins, carbohydrates, and other naturally-occurring compounds. Prerequisite: Chemistry 2 or 11. Hammer, Time 9 a.m. Lab Fee.

### ECONOMICS 10 - Principle of Economics.

An introduction to the problem of scarcity, to the economic principles, thought, institutions, and systems as such, the problem may given rise. Ruskol and Oplidite, Time 9 a.m.

### EDUCATION 30 - The Psychology and Teaching of Reading in the Elementary School.

A first-graduate course in the psychological, emotional, and physical basis of reading. Schaeffer, Time 9 a.m.

### EDUCATION 41 - History and Geography.

1. History for Elementary Teachers.  
2. Geography for Elementary Teachers.  
Conrad, Time 9 a.m.

### EDUCATION 67 - Variations and Innovations in Educational Practice.

This course is designed to provide the prospective teacher with an opportunity to study and observe in the field a variety of patterns in educational practice. First week spent on campus, second and third weeks students live on a campus in the Philadelphia area, visiting educational institutions of various types. The week will involve ten projects on this campus. Goodman, Time Arranged. Costs Travel Living.

### EDUCATION 63 - Teaching of Reading Skills.

The emphasis is on secondary reading as a developmental skill area, and the approach is a non-technical presentation of basic skills that can be applied by all teachers to improve reading ability. The course will include detailed and specific examples of how to teach reading skills and actual practice in teaching such skills. Students will have experience in the public schools in their individual content area.

### ENGLISH 60 - The Noble Savage.

An experiment in basic survival, designed to enable the student to grasp the concept of the Savage in literature. Includes a two-week hike on the Appalachian Trail. Instructor to be announced. Estimated cost \$100.

### ENGLISH 62 - Speleology. (Cave Geology)

This course will introduce students to the fundamentals of cave exploration and study. Through field work in caves in West Virginia, the students will have the opportunity to study cave science, cave exploration, and human behavior in caves. (Possibility of cross-credit in Biology, Psychology, English, and Sociology.) Bayer and Dart. Cost estimate at \$100.

### HISTORY 61 - History of Utopias in America.

A study of utopias and utopian thinking in the United States. The course reviews some utopian literature, including the works of John Humphrey Noyes, Robert Owen, Thoreau, Edward Bellamy, and B.F. Skinner. Visits to restored sites, like those of the Oneida Community and the Shakers; and to contemporary communities as the Bruderhof, the Trappists, and the New Life Center. Piper, Time 9 a.m. Expenses Minimal travel.

### RUSSIAN 60 - Cultural Tour of the U.S.S.R.

Under the arrangements with the Bureau of International Youth Tourism of the USSR, the LYcoming group will visit Moscow, Leningrad, Kiev, and possibly Odessa on the Black Sea. The students will have opportunity to meet informally with Soviet youth, attend ten theatre performances, communicate in Russian, go on excursions and sightseeing tours of Hermitage, Winter Palace, Summer Palace, Moscow State University, Kremlin, Lenin Mausoleum, Tretyakov gallery, etc. Winston. Approximate cost: \$600-\$650. For itinerary and details, see Prof. L. Winston.

### MATHEMATICS 51 - Theory of Numbers.

Intended for math majors, but open to others. A study of integers and their properties. Topics are divisibility, primes, congruences, Diophantine Equations, quadratic reciprocity. Prerequisite: Math 20 or consent of instructor. Sauzman, Time 9 a.m.

### MATHEMATICS 60 - Elementary Geometry.

Course is designed for prospective elementary school teachers, but is open to all students. All aspects of Euclidean Geometry which are needed by elementary school teachers are covered in a modern but informal fashion. Subjects include geometric objects, measurement, symmetry, similarity, parallels, and coordinate geometry. Getchell, Time 9-10 30 and 1 30-3 00

### MUSIC 1 - Introduction to Music.

A basic course designed to acquaint the student with the nature of music. Extensive guided listening is used to help the student to become perceptive. Sheffer, Time 9 a.m.

### PHILOSOPHY 10 - Introduction to Philosophical Problems

An inquiry into a few philosophical problems. Typical examples are: What is a scientific explanation? Are and is not knowledge relative? A talk about God and its meaning. Readings in philosophical classes and contemporary books and articles. Griffith or Faus, Time 9 a.m.

### PHILOSOPHY 56 - American Philosophers.

Course covers all the significant American philosophers from the foundation of the country to the present time, with concentration especially on such thinkers as Thoreau, Josiah Royce, William James, John Dewey, Santayana, William F. O'Connell, Edgar Brightman, Alfred Whitehead, Faus, Time Arranged.

### PHYSICS 4 - Physical Science.

This course will cover some of the fundamental principles of Physics and Chemistry, in such a manner that liberal arts students will realize that science is

# OFFER NEW ADVENTURES IN LEARNING!

both comprehensive and exciting. Emphasis is conceptual rather than mathematical. Physics 3 plus Physics 4 meet the college's natural science distribution requirement. Prerequisite: Math 1 or equivalent. Note: Physics 4 follows in Summer Session. Sequence to be reversed in 1973. Physics 3 will be offered in summer term in 1973. **Janitor.** Time: 8 a.m.-Noon. Includes Laboratory.

## POLITICAL SCIENCE 60 - Labor-Congress Relationship.

An examination of the formulation and substance of Labor legislation in the United States. Congress 1969-72, with special attention to the analysis of passed and pending bills as evaluated by the AFL-CIO and the Nixon Administration. **Knapp.** Time: Arranged. Expenses: Trip to Washington.

## PSYCHOLOGY 36 - Educational Psychology.

An introduction to the empirical study of the teaching-learning process. Areas included may include educational objectives, pupil and teacher characteristics, concept learning, problem solving and creativity, attitudes and values, motivation, retention and transfer, and evaluation and measurement. **Hancock.** Time: 9 a.m.

## PSYCHOLOGY 52 - Statistics for the Behavioral Sciences.

An introduction to basic descriptive and inferential statistics with an emphasis upon application to the behavioral sciences. (May be taken in lieu of Math 5 to satisfy the Psychology Department major requirement. Verves as prerequisite for Psychology 36 and Sociology 31. Does not satisfy Math distribution requirement.) **Loomis.** Time: 9 a.m.

## PSYCHOLOGY 60 - Seminar in Psychopathology.

Intensive study of abnormal behavior focusing upon the interpersonal causes of abnormal behavior and the learning of bizarre responses. **Helen.** Time: 1 p.m.

## PSYCHOLOGY 61 - Behavior Modification Techniques for Children.

Application of techniques of behavior modifications with school children who are experiencing emotional and/or

academic problems at school. Student spends half time working directly with an elementary school child in a Williamsport school and other half planning and critiquing; this activity and discussing the literature on counseling and behavior modification with the instructor and other members of seminar. **Hurr.** Time: Arranged.

## RELIGION 60 - Seminar in Bioethics.

An interdisciplinary seminar on the ethics of biological revolution. Reading, laboratory demonstrations, and possibly field trips. Discussion will emphasize such issues as contraception, abortion, clonal reproduction, artificial insemination, and eugenics in relation to philosophical and theological ethics. 20 student limit. **Hughes and Green.** Time: Arranged.

## RELIGION 61 - Field Archeology.

An introductory study of the theory and methods of archaeology and their practical application in excavating a Williamsport area Indian site. Most of the time will be spent in the field working as archeologists. **Lutz.** Time: Arranged. Materials cost: \$10

## RELIGION 62 - The Psychology of Religion.

To help students use broad insights of psychology to study and understand religious behavior. Concentration will be on religious experience or manifestations rather than on concepts. The aim is to arrive at tentative conclusions as to what it means to be religious and what the religious function is in human development. **Neuffer.** Time: 1 p.m. Cost: \$15 for film project.

## RELIGION 67 - Ethnic and Religious Provincialisms.

An attempt to encourage students to take a second look at various provincialisms of our day, primarily ethnic and religious. Class will visit various ethnic and religious groups in cities such as Philadelphia and New York--Italian, Polish and Black ethnic groups and certain minority religious groups. **Rhodes.** Time: Arranged. Travel expenses: \$40.

## SOCIOLOGY 60 - Sociology Field Experience.

Course involves a sociological field experience in the analysis of a tri-cultural community (Anglo, Spanish-

American, and Indian) of Espanola, New Mexico. Combines sociological, and anthropological field methods of community analysis. Students spend week days in the community in interview teams of two to three persons. Saturdays spent in sight-seeing in Santa Fe, Taos, Los Alamos, and various Indian reservations in upper Rio Grande Valley. **McCrory.** Travel cost to be arranged.

## SOCIOLOGY 61 - Urban Problems.

A one-week field experience in urban problems in New York City; three weeks of background reading and discussion in preparation and summary on campus. The focus on a societal problem area will be decided by those interested in taking the course. **Bryant.** Time: 9 a.m. Expenses: \$100 for trip to N.Y.

## THEATRE 1 - Speech.

The dynamics of oral communication. The development of elementary principles of simple oral communication through lectures, prepared assignments in speaking, and informal class exercises. Utilizes video tape sequences for "instant feedback" to students. **Falk.** Time: Evening hours arranged.

## START YOUR SUMMER RIGHT AT LYCOMING

## COURSES FOR SUMMER TERM 1972

### ACCOUNTING 10 - Elementary Accounting Theory.

An introductory course in recording, classifying, summarizing and interpreting the basic business transactions. Problems of classification and interpretation of accounts and preparation of financial statements are studied. **Huber.** Time: 10 a.m.

### ACCOUNTING 41 - Federal Income Tax Planning and Accounting.

Analysis of the provisions of the Internal Revenue Code relating to income, deductions, inventories and accounting methods. Practical problems involving the determination of income and deductions, capital gains and losses, computation and payment of taxes through withholding in the source and through declaration are included. Planning transactions so that a minimum amount of tax will result is emphasized. **Huber.** Time: 7 p.m.

### ART 20 - Printing I.

An introduction of printing techniques and materials. A combination of color, value, and design within the printing is taught. Some printing from the figure. No lithography. Study of printing media, substrate matter, or style. Prerequisite: Art 15. **Shipley.** Time: 10 a.m. Supplies \$40.

### ART 30 - Printing II.

Emphasis is placed on individual style and technique. Artists' and movements in art are studied. No lithography. Study of printing media, substrate matter, or style. **Shipley.** Time: 10 a.m. Supplies \$40.

### ART 40 - Printing III.

Professional quality is stressed. There is some experimentation with new printing techniques and style. **Shipley.** Time: 10 a.m. Supplies \$40.

### BIOLOGY 3 - Field Biology for Teachers.

A method course for students preparing to teach Biology. Sources and methods of collecting and preserving various plant and animal materials. **Staff.** Time: Arranged.

### BIOLOGY 10 - Principles of Biology.

An investigation of biological principles including ecological systems, form and function in selected representative animal and plant cell theory, molecular biology, reproduction, inheritance, adaptation, and evolution. For instructor and time, see Biology 11.

### BIOLOGY 11 - Principles of Biology.

Course description same as Biology 10, above. **Staff.** Time: Biology 10 to be taught during first three weeks of session. Biology 11 to be taught during second three weeks. Meeting time: 8 to 12 daily.

### BUSINESS 23 - Statistics Applied to Business.

Techniques of descriptive statistics useful in business administration and economic analysis. Topics covered include: sampling, index numbers, analysis of time series, analysis of variance, and simple survey techniques. Prerequisite: Math 5. **Stuffer.** Time: 7 p.m.

### CHEMISTRY 2 - General Chemistry.

A continuation of Chemistry 1. See course description under May Term. Prerequisite: Chemistry 1. **Frantz.** Time: 8-12, Lab Fee.

### ECONOMICS 11 - Principles of Economics.

An introduction to the problem of scarcity to the economic thought, principle, institutions and systems to which the problem is given rise. **Opdahl.** Time: 8 a.m.

### EDUCATION 20 - Introduction to the Study of Education.

The social value of public education, the changing conception of the purposes of education, the problems facing the schools, and fields of professional activity. **Conrad.** Time: 10 a.m.

### ENGLISH 1 - Rhetoric.

Instruction and carefully supervised practice in the basic techniques of organizing and expressing facts and ideas. Topics dealt with selected by instructor.

### ENGLISH 22 - 17th Century British Literature.

By means of wide reading among the works of some major authors of the period, an understanding of the literature and the period will be pursued.

### ENGLISH 31 - The Nature of Poetry.

Poetry will be studied with special attention given to considering the "kinds" (e.g., lyric, epic, etc.) of poetry, and the various ways of reading poems.

Mr. Sawyer will teach one of the above three courses, depending upon enrollment. Time: Arranged.

### ENGLISH 29 - Contemporary Literature.

Representative works of major figures of the post-World War II period, British, American, and some Continental. Course may be structured around a single theme or idea, such as "The Search for a Father," "The Contemporary Wasteland" or "The Function of Violence in the Modern World", etc. **Byer.** Time: 7 p.m.

### ENGLISH 46 or 47 - Dialect Inventory from Dialect Structural Historian's Perspectives.

Students will have the option of working with local dialects either a synchronic (current) state of American English or as the result of diachronic (historical) processes. The first option will receive English 46 credit; the second 40. **Byer.** Time: 10 a.m.

### HISTORY 13 - (late) State History Since 1877

A study of the men, measures, and movements which have been significant in the development of the United States since 1877. Attention is paid to the problems of minority groups in respect of Pennsylvania's history as well as to majority and national influences. **Piper.** Time: 10 a.m.

**SPECIAL STUDENT APPLICATION FOR ADMISSION TO**

**LYCOMING COLLEGE 1972 MAY TERM and/or SUMMER SESSION**

Name	_____			Social Security Number	_____	
	Last	First	Middle			
Home Address	_____			Telephone Number	_____	
	Street	City	State	Zip Code		
Attended Lycoming Before?	From	To	No. Credits Earned	Year Graduated _____		
Other Colleges Attended	_____			No. Credits Earned	Year Graduated _____	
Secondary School Attended	_____			Year Graduated _____		
Course(s) You Wish To Take - May Term	_____			Summer Session _____		

If admitted to Lycoming College as a result of this application, you will be classified as a Special Student. As a Special Student you are not a degree candidate until reclassified as a regular student. Credits earned as a Special Student are applicable toward a degree, if the Committee on Admissions approves a petition by you for reclassification as a regular student.

Mail to: Director of Admissions  
Lycoming College  
Williamsport, Pa. 17701

**HISTORY 25 - Afro-American History.**

A study of the experiences and participation of Afro-Americans in the United States. The course includes historical experiences such as slavery, abolition, reconstruction, and urbanization. It also raises the issue of the development and growth of white racism, and the effect of this racism on contemporary Afro-American social, intellectual, and political life.  
Fisher. Time Arranged.

**HISTORY 47 - History of the USSR.**

An in-depth survey of the background to the Russian Revolution and the political, economic, social and cultural history of the USSR since 1917.  
Irons. Time 8 a.m.

**MATH 2 - Modern Mathematics.**

Topics included are sets, relations, functions, methods of mathematical reasoning, systems of numeration, the structure of the real number system and its major subsystems, Lambert. Time: 5 a.m.

**MATH 5 - Introduction to Statistics.**

Describing attribution of measurement, probability and random variables, binomial and normal probability distributions, statistical inference from small samples, linear regression and correlation, analysis of enumerative data. Includes laboratory experience with desk calculator.  
Feldmann. Time 8 a.m.

**MATH 20 - Analytic Geometry and Calculus III.**

Study of convergent and divergent series, solid analytic geometry, partial differentiation, multiple integration. Prerequisite: Mathematics 11.  
Henningsen. Time 8 a.m.

**MUSIC 2 - Introduction to Music.**

A basic course designed to acquaint the student with the nature of music. Extensive guided listening is used to help the student to become perceptive. (Note: This course is preceded by Music 1 during May Term.)  
Sheaffer. Time 10 a.m.

**PHILOSOPHY 10 - Introduction to Philosophical Problems.**

An inquiry, carried on mainly by discussions and short papers, into a few selected philosophical problems. The problems vary with the instructor. Typical examples are: What is a scientific explanation? Are standards of conduct relative? Is talk about God meaningful? Readings in philosophical classics and contemporary books and articles.  
Smith. Time 8 a.m.

**PHILOSOPHY 22 - Social and Political Philosophy.**

An examination of the logic of social and political thought with an analysis of such concepts as society, power and authority, state freedom, social and political obligation, law, and rights. Readings in philosophical classics and contemporary books and articles. Prerequisite: One course in philosophy, or junior or senior major in Political Science or Sociology.  
Griffith. Time 10 a.m.

**PHYSICS 4 - Physical Science.**

This course will present some of the fundamental principles of Astronomy and Earth Science—in such a manner that liberal arts students will realize that science is both comprehensible and exciting. The emphasis of the course will be conceptual rather than mathematical. Meets the natural science distribution requirement. Prerequisite: Math I or equivalent.  
Farnham. Time 8 a.m.—noon. Includes Laboratory. Note: Physics 3 offered in May Term of 1972. Physics 4 will be offered in May, 1973.

**PHYSICS 21 - The Concepts of Modern Physics.**

The course provides Arts and Humanities majors, who have a minimum background in mathematics and physics, to satisfy their curiosity about the natural world without being concerned about doing a lot of problem solving. Course will cover the mechanical concepts (mass, space, time, force, momentum, and energy), of a few topics in relativity and of the discovery, detection, and use of some of the elementary particles of physics and their impact on contemporary physical thought in an historical and philosophical framework. Note: This is a home self-study course. The student will be assigned about a dozen books, and will write reviews of each.  
Smith. Time Arranged.

**PHYSICS 70 - Men of Physics**

The aim of the course is to emphasize that the great men of physics have been human beings driven by a desire to understand the natural world about us. The course will consist of reading biographies of outstanding physicists from Galileo to the present time. The student will write a review of each biography. Note: This is a home self-study course.  
Fineman. Time Arranged.

**PSYCHOLOGY 10 - Introductory Psychology.**

An introduction to the empirical study of human and other animal behavior. Areas considered may include: learning, personality, social, physiological, sensory, cognition and development.  
Loomis. Time 10 a.m.

**PSYCHOLOGY 16 - Abnormal Psychology.**

An introduction to the patterns of deviant behavior with emphasis on cause, function, and treatment. The various models for the conceptualization of abnormal behavior are critically examined.  
O'Brien. Time 7 p.m.

**PSYCHOLOGY 35 - Educational Psychology.**

An introduction to the empirical study of the teaching-learning process. Areas considered may include: educational objectives, problem solving and creativity, pupil and teacher characteristics, concept learning, attitudes and values, motivation, retention and transfer, and evaluation and measurement. Prerequisite: Psychology 10, and Mathematics 5 or consent of instructor.  
Hancock. Time 5 a.m.

**PSYCHOLOGY 77 - Seminar in Environmental Psychology.**

Each student will investigate certain manifestations of the influence of the physical environment upon human behavior.  
Hum. Time 10 a.m.

**RELIGION 10 - Perspectives on Religion.**

An exploration of religious responses to ultimate problems of human existence. Through discussion of selections by Protestant, Catholic, Jewish, and humanist writers, students are encouraged to grapple with such questions as the nature and language of religion, the existence and knowledge of God, the interplay of religion and culture, and the religious analysis of the human predicament.  
Neuffer. Time 10 a.m.

**RELIGION 43 - The Educational Ministry of the Church.**

A study of religious education as a function of the church with special attention given to the nature and objectives of Christian education, methods of teaching religion, and the relations between faith and learning.  
Neuffer. Time 7 p.m.

**RELIGION 47 - Field Palestinian Archeology.**

This course will be taught as part of the college program of summer study in the Near East. Participation in an archeological excavation during the summer months.

Also guided travel to archeological sites and museums of biblical and non-biblical importance. Seven weeks of the program will involve full-time participation in the archeological excavation of ancient Gezer in Israel. Approximately two weeks will be spent studying the various ancient and modern places in the land of the Bible. Study also conducted in England, Egypt, Cyprus, Greece, and Italy.  
Lutz and Guerra. Time: June 6 through August 21. Expenses: \$1,325, including tuition for three units of credit upon completion of all academic requirements. Credits available in History, Political Science, Sociology, Religion and Art.

**SOCIOLOGY 10 - Introduction to Sociology.**

An introduction to the problems, concepts, and methods in sociology today, including analysis of stratification, organization of groups and institutions, social movements, and deviants in social structure.  
Arroyo. Time 10 a.m.

**SOCIOLOGY 20 - Marriage and the Family.**

The history, structure, and functions of modern American family life, emphasizing dating, courtship, factors in marital adjustment, changing status of family members. Prerequisite: Sociology 10 or consent of instructor.  
McCray. Time 7 p.m.

**SOCIOLOGY 43 - Deviant Behavior.**

An inquiry into the various types of deviant behavior, that will vary each semester, covering such topics as: alcohol

An inquiry into the various types of deviant behavior, that will vary each semester, covering such topics as: alcoholism, mental illness, gambling and narcotics. Prerequisite: Sociology 10 or consent of instructor.  
Bryant. Time 8 a.m.

**SPANISH 10 - Intermediate Spanish.**

Systematic review and extension of essential grammar, laboratory drills in syntax and idiom. Reading of expository prose. Prerequisite: Spanish 2 or equivalent.  
Flam. Time: See below.

**SPANISH 11 - Intermediate Spanish.**

See Course description above.  
Time: Spanish 10 during first three weeks; Spanish 11 during second three weeks. 8 a.m.—Noon.

**THEATRE 31 - Advanced Techniques of Play Production.**

A detailed consideration of the interrelated problems and techniques of play analysis, production styles, and design.  
Falk. Time Arranged.

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