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Echoes Staff

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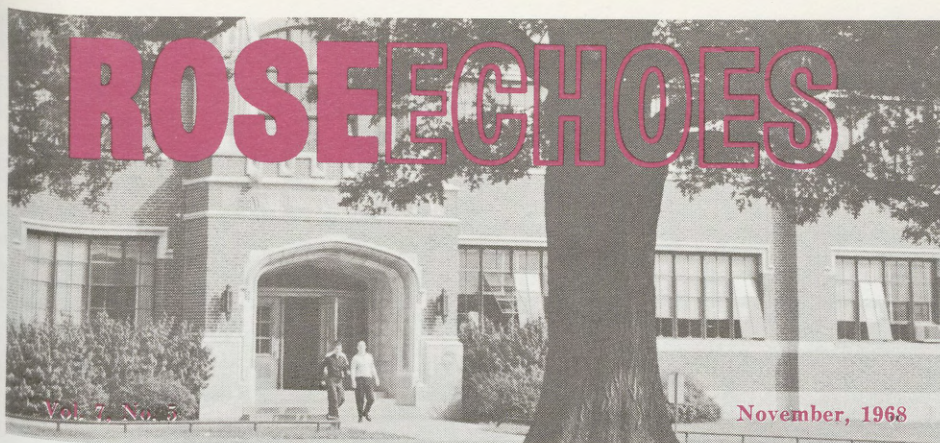
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## Rose Joins ISU And St. Mary's In Forming Collegiate Consortium

Rose Polytechnic Institute has joined Indiana State University and St. Mary-of-the-Woods College in forming a collegiate consortium that could conceivably make Terre Haute a leading educational center in the midwest.

Joint announcement of the plan to develop a more economical and effective approach to education was made Wednesday, Oct. 23, during a press conference at Hulman Memorial Union on the Rose campus.

Known as the Collegiate Consortium of Western Indiana, it is the first of its kind in the midwest, although consortia exist in other college towns of the nation.

Serving as spokesman for the group headed by the presidents of the three Terre Haute colleges, Dr. John A. Logan of Rose, revealed the plans of the consortium.

Specifically, the three schools plan a five-point cooperative program:

1. By broadening the programs and enriching the offerings of each of the institutions
2. By offering courses and programs that are often expensive yet necessary
3. By providing for joint use of library, physical facilities and instructional equipment
4. By sponsoring visiting lecturers and artists
5. By encouraging educational innovation.

While the sharing of faculty and resources is the long-range plan of the cooperative effort, common problems of developing ways to bring lecturers and cultural programs to all campuses, coordinating student recruitment, and setting up inter-library cooperation are under study by sub-committees.

These committees already are submitting proposals to the steering com-

mittee of the consortium of which Rose faculty members Dr. Ralph A. Llewellyn, professor of physics, and T. P. Palmer, professor of mathematics, serve as members.

Other members of the steering committee, in addition to Dr. Logan and the Rose professors, are Dr. Alan C. Rankin, president of Indiana State University; Sister Mary Gregory, S.P., president of St. Mary-of-the-Woods; Dr. Charles Hardaway and Dr. Jack Johnson of ISU; and Sister William and Sister Myra Ann of the Woods.

## Benjamin Cox New Chairman Of Rose Board

Benjamin G. Cox, senior partner of the Terre Haute law firm of Cox, Zwerner, Gambill and Sullivan, was elected Chairman of the Board of Managers of Rose Polytechnic Institute during its annual Fall meeting at Lingen Lodge across from the Rose campus Homecoming weekend.

Cox, who has been a member of the board of managers since 1962 and vice chairman for the last two years, succeeds Henry Y. Offutt, a 1822 Rose alumnus and former Chairman of the Board of the Kentucky Trust Company of Louisville.

Dr. Richard F. Bergmann, who served as chairman of the board from 1960 to 1966, was elected vice chairman of the group. John T. Royse, president of the Merchants National Bank of Terre Haute, and Walter L. Osmer, a Terre Haute insurance broker and 1920 alumnus, were reelected to the offices of treasurer and secretary respectively.

The Board of Managers also elected a new member to its ranks and welcomed a member named in June to his first meeting.

(Continued on Page 2)



**BOARD OFFICERS**—Terre Haute attorney Benjamin G. Cox (seated center) was elected Chairman of the Board of Managers of Rose Polytechnic Institute at the Fall meeting. Seated are Dr. Richard F. Bergmann (left), vice chairman; Cox, and John T. Royse, treasurer. Standing (left to right) are out-going chairman Henry Y. Offutt, Dr. John A. Logan and Walter L. Osmer, secretary.



# Benjamin Cox New Chairman Of Rose Board

(Continued from Page 1)

Maynard C. Wheeler, retired chairman of the board of directors of Commercial Solvents Corporation, was elected to the board, raising to 24 the number of members of the governing body of the college.

Frank P. Thomas Jr., of Indianapolis, president of the Burger Chef Systems, Inc., meanwhile attended his first meeting of the board which Friday heard academic, commission, financial endowment and development reports.

The governing body of the institute showed an enthusiastic response to a report by President Dr. John A. Logan on the recently formed Collegiate Consortium of Western Indiana, a formalized effort by Rose, Indiana State University and St. Mary-of-the-Woods College to cooperate in areas ranging from calendar and convocations to closed circuit television.

The group also heard a report on the requirements for Phase II of the institute's Centennial Development which has a 1974 target date for completion.

The new chairman of the board of managers has an engineering background, having received his B.S. degree in engineering at the University of Michigan in 1937. The Terre Haute native was admitted to the bar in 1939 after being graduated from the University of Michigan School of Law.

His memberships include the Order of the Coif, Phi Kappa Phi, Tau Beta Pi, and the Terre Haute, Indiana State and American Bar Associations.

Wheeler, a native of Terre Haute and graduate engineer from Purdue University, was instrumental in the growth of Commercial Solvents from a fledgling company to one of the world's leading chemical companies.

Wheeler, who rose to plant manager in his first six years with CSC, was elected president of the company in 1959 and chairman of the board in 1966. He was closely associated with an impressive series of scientific achievements and breakthroughs, including the mass production of penicillin and the development of the all-important crystalline form of this first great antibiotic during World War II.

Attending the Fall board meeting were members Russell Archer, Dr. Bergmann, G. Lee Berry, C. H. Blanchar, Wendell E. Carroll, new chairman Cox, Frederick



**BOARD AND GUESTS**—Members of the board of managers and past board members attending the meeting at Lingen Lodge were (front row left to right) Walter Osmer, John Royse, Fred Crapo, Maynard Wheeler, Benjamin Cox, Henry Offutt, Richard Bergmann, Sterling Pittman and Joe Engelhardt. Back row includes Lee Berry, Robert Shattuck, Carroll Blanchar, Russ Archer, Raymond Crandall, Joe Anstead, Dr. Logan, Frank Thomas, James Skinner, Carl Ehrenhardt, Carl Wischmeyer and Wendell Carroll. Guests were former alumni board members Pittman, Engelhardt and Anstead.

M. Crapo, Carl E. Ehrenhardt, Dr. Logan, and retiring chairman Offutt.

Also, secretary Osmer, treasurer Royse, Robert Shattuck, James C. Skinner, Frank P. Thomas, Maynard C. Wheeler

## Tau Beta Pi Taps 24 As Pledges

Nineteen seniors and five juniors have been tapped for membership in the Rose Polytechnic Institute chapter of Tau Beta Pi, national undergraduate honorary engineering fraternity.

Tapped as pledges were seniors Darrell Jones and John Jacobi, both of Terre Haute; Norman Fugate Jr., Brazil; John W. Cook, Reelsville; Jerald Tarble, Marshall, Ill.; Charles R. Rupp, Indianapolis; Alvin R. Isenberg, Coatesville; James J. Tomlinson, Beech Grove; David A. Ripple, Fort Wayne; Thomas G. Schultz, LaPorte and Eric R. Johnson, Elkhart.

Also, Richard Miller, Orland Park, Ill.; Robin R. Dutton, Severna Park, Md.; Irvin D. Crossan, Denton, Md.; James Collins, Warren, Ohio; James B. Stewart, Cleveland, Ohio; Douglas W. Roof, Kettering, Ohio; James Wong of Louisville, and Edward A. New III, St. Louis.

Juniors tapped were Robert W. Rollings and Gary G. Kelm, both of Terre Haute; John R. Fish, Linton; Bruce P. Williams, Evansville; and John B. Hodsdon, Hobart.

and Carl R. Wischmeyer. Retired alumni members of the board Joseph A. Englehard, Sterling H. Pittman and Joseph W. Anstead also attended the meeting.

Those attending from Rose were John L. Bloxsome, Ronald G. Reeves, Herman A. Moench, Dr. Darrell E. Criss, Ralph M. Ross, Paul B. Headdy, Duncan Murdoch, Irvin P. Hooper, Dr. Sam C. Hite and Dr. James B. Matthews.

## 11 Selected For Blue Key

Blue Key, honorary fraternity which recognizes campus leadership shown by participation in extra-curricular activities, has tapped 11 pledges for membership in the Rose Polytechnic Institute chapter of the nationally-known college organization.

The Rose chapter, which sponsors Honors Convocations, Homecoming, Parents Day, Freshman Orientation and other campus events, has been in existence since 1932.

Tapped were John Spear, Terre Haute; Charlie Hills and John Leonard, both of Indianapolis; Robert A. Patterson, Anderson; Henry Keahey, Evansville; Melvin Smith, Griffith; Douglas W. Roof, Kettering, Ohio; Larry Olsen, Louisville, Ky.; James Houdenshell, Dayton, Ohio; James Handkle, Hinsdale, Ill.; and James Brown, Phoenix, Ariz.



## 13 New Faces On Growing Rose Faculty

Thirteen new faculty members were welcomed to Rose for the 1968-69 academic year, raising to 61 the number of active teaching faculty at the institute.

New faculty members are Dr. Thomas F. Krile, electrical engineering; Dr. Noel E. Moore, chemical engineering; Prof. Bruce R. Danner, physics; Prof. Rex D. Robinson, civil engineering; Prof. P. Peter V. Vari, humanities and social sciences; and Mrs. Hannelore Lehr, an instructor of German.

Also, Jess A. Lucas, director of counseling, Robert Bergman, head football coach and physical education; and Maj. Dale Lucas, Maj. Paul Valvo, Maj. Robert Mullin, and Capt. Thomas Forsythe, all of military science.

Dr. Krile, who earned his Ph.D. in electrical engineering at Purdue earlier this year, came to Rose after three years at Purdue. He also taught two years at the University of North Dakota where he earned his bachelor and master's degrees in electrical engineering.

Dr. Hill, who received his Ph.D. in chemistry from Michigan State in 1962, joined the Rose staff after six years of experience at New Mexico State University. He earned his B.S. at the University of Utah and the master's in chemistry at New Mexico State.

Dr. Moore, who completed his Ph.D. in chemical engineering at Purdue in 1967, came to Rose from the University of Kentucky. He received his B.S. at Purdue in 1965, and completed his master's from MIT two years later.

Joining the physics department was Bruce R. Danner, who will be awarded a Ph.D. in physics from Ohio University in December. Danner was graduated from DePauw University as a physics-mathematics major in 1956, and completed his master's in physics at the State University of Iowa in 1958.

Prof. Robinson is no newcomer to Rose. He earned his B.S. in civil engineering from the institute in 1966 and completed his master's in biological engineering last year, having returned to Rose after a brief stint with the Hamilton Standard Division of United Aircraft Corporation.

Prof. Vari and Mrs. Lehr are the two new members of the humanities and social science. Prof. Vari earned his master's at Indiana University, while Mrs. Lehr holds degrees from the universities of London and Heidelberg.



**SYMBOL OF COMMAND**—Dr. John A. Logan presents the Johnson Saber, symbol of command of the Rose Brigade, to Cadet Colonel John R. Grauel during ROTC ceremonies on the front lawn of the campus. Grauel has more than 650 young men in his command.

## Senior John Grauel Takes Command Of Rose Brigade

Cadet Colonel John R. Grauel, a senior majoring in electrical engineering, took command of the Rose Brigade of the Reserve Officer Training Corps (ROTC) during military honors ceremonies in late September.

Dr. John A. Logan conferred the command on the Findlay, Ohio, senior with the presentation of the Johnson Saber, in ceremonies on the front lawn of the campus.

The Johnson Saber, which will be given annually to the Rose Brigade Commander as a symbol of his company, is a memorial to Robert Johnson, who was killed last October in an automobile accident only two weeks after he took command of the Rose Brigade.

Cadet 1st Lt. George R. Sherfick, Indianapolis, became brigade adjutant while Cadet Captain Daniel J. Phelps, Rives Junction, Mich., and Cadet 1st Lt. Jerald M. Tarble, Marshall, Ill., were named operations and logistics officers.

Cadet Major Michael Haley took command of the First Battalion. Cadet 2nd Lt. Burton E. Rossiter, Terre Haute, is his executive officer and 2nd Lt. Michael Douglas, Crawfordsville, is 1st Battalion adjutant.

Cadet Major Memphis Tufts, Cleveland, Ohio, took command of the 2nd

Battalion, with Cadet 2nd Lt. Henry Keahey, Evansville, and Cadet 2nd Lt. Mark T. Stewart, Alexandria, Ind., taking executive and adjutant posts.

Rose cadets sworn into the advanced ROTC program were juniors John A. Bailey, Clinton E. Cathcart, Larry R. Loudermilk, John D. Gummere and David W. Howell, all of Terre Haute; James J. Connerley and Terry W. McCammon, both of Marshall, Ill.; Larry W. Flowers, R. R. 1, Rosedale, and John F. Nugent, Brazil.

Also, Fred A. Kinnan, James E. Hepner Jr., Charles S. Isenberg Jr., John M. Satrom, Rodney A. Smith and Rick Foster, all of Indianapolis; and Austin C. Conklin of Evansville.

Also, Richard G. Kirkman, Jeffersonville; Michael A. Schuck, Plainfield; William D. Burley, Bloomington; David Venable, Noblesville; Carl N. Ott, Alton, Ill.; and Michael J. Ring, Effingham, Ill.

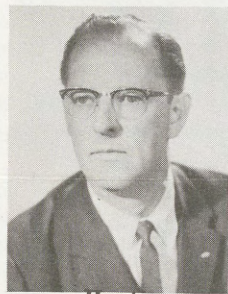
Also, David G. Brown, Kenton, Ky.; Richard C. Burrow, West Allis, Wis.; Frank A. Carlet, Jacksonville, Ill.; Robert L. Combs Jr., Memphis, Tenn.; Harry R. Harrison Jr., Winston-Salem, N. C.; Robert H. Harrison, District Heights, Md.; and Charles R. Smith, Middlesburg Heights, Ohio.



# John Hunter New Chairman Of Board Of Associates; Carl Ehrenhardt Assumes Development Committee Post

John B. Hunter, president and treasurer of Hunter, Gillum & Hunter, Inc., has been named chairman of the Board of Associates of Rose Polytechnic Institute, succeeding Carl E. Ehrenhardt, who has assumed new duties as chairman of the development committee of the Board of Managers.

Hunter and Ehrenhardt are charter members of the board of associates, Ehrenhardt having chaired the group since its inception in the Fall of 1961.



Hunter

Hunter, who became president of the Terre Haute insurance firm in 1960, served as vice president following his return from

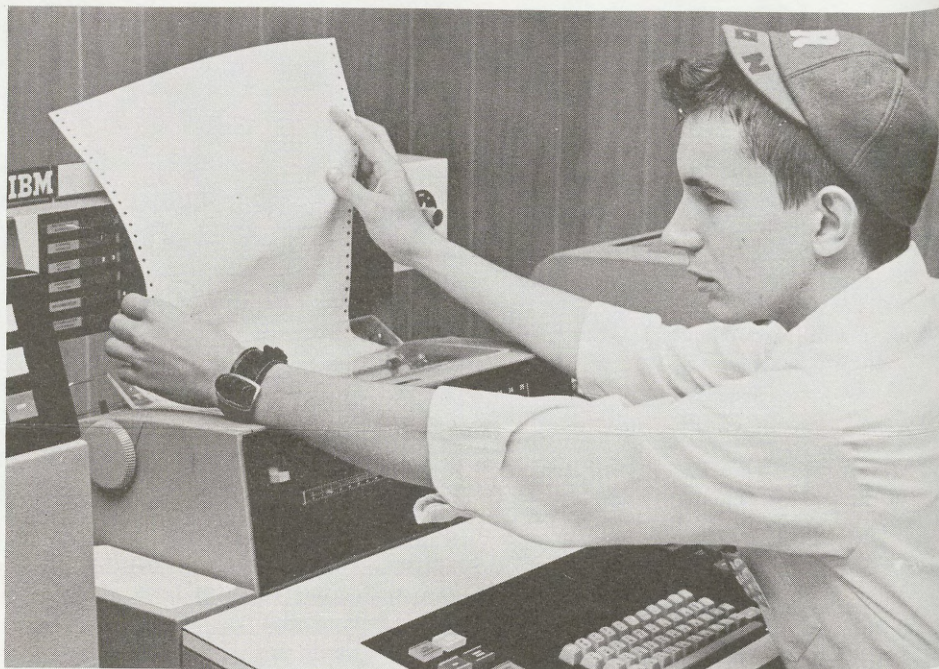
military service with the U.S. Navy in 1946.

New members of the group of Terre Haute area leaders include Ronald W. Adams, secretary-treasurer of Adams Pontiac, Inc.; Dr. Ward B. Anshutz, a dentist; Paul A. Benning, Jr., plant manager for Chas. Pfizer & Co.; Warren C. Bogue, plant manager for Anaconda Aluminum Co.; and Shelton M. Hannig, president of Shelton Hannig, Inc., architectural and construction firm.

Also, Richard L. Hayes, general manager for J. I. Case; Dr. Paul E. Humphrey, physician; Judge H. Ralph Johnston, judge of Vigo Circuit Court; John K. Lemry, manager for Columbia Records Division of Columbia Broadcasting System, Inc.; Sidney Levin, president of Corner Furniture Store; and Francis H. Lightfoot, manager of Ernst & Ernst, certified public accountants.

Also, Gen. Allison Maxwell, commanding officer, Indiana Air National Guard at Hulman Field; Lucien H. Meis, Jr., vice president of Meis Bros. Co., Inc.; George E. Miller, president of B. A. Inc., electrical contractor; George O. Nichols, president of Nichols Investment Corp.; and Vernie G. Potter, president of Potter Electrical Engineering and Construction Co.

Also, Robert F. Prox Jr., president of Frank Prox Co., Inc., mining equipment supplier; G. Dean Rotramel, manager for Sears Roebuck and Co.; John N. Royse, vice president for Merchants National Bank; Dr. John R. Showalter, a physician; and Donald E. Smith, president of Terre Haute Oil Corp.



**COMPACT COMPUTER**—Rose freshman Don Baker, winner of a trip to the Japanese International Science Fair in January, works at console of the IBM 1130 computer at Rose. Baker is working on a project for the fair which involves the elimination of interconnections between computer components.

## Frosh 'Computer Expert' Wins Trip to Japanese Science Fair

Man is living in the computer age. The computer figures his checking account, analyzes almost every program he is engaged in and is rapidly making breakthroughs in the fields of health and medicine.

Computers do many big jobs better and in less time than they have ever been done before, but the amazing electronic "brains" still need much improvement. A Rose freshman, named recently to participate in the Japanese International Science Fair at Tokyo in January, is a "computer expert" in his own right at the age of 18 and today has ideas on how to make a better computer.

Don Baker of Indianapolis, who has been studying what a computer is made of and what makes it work for nearly one-third of his life, won fourth place honors in the International Science Fair at Detroit on a project which he used sunlight as the energy source for the exhibit on "Raditive Microminiaturization of Computer Components."

Baker, who will be the U.S. Army's representative at the fair, currently is

working on a project entitled "The Integrated Thin Film Stacking Micro-miniaturization System" for the upcoming competition.

To put the project title in layman's terms, Baker plans to devise a plan whereby wasted space in interconnections between computer components and component packages can be eliminated.

The Rose freshman, who was graduated from Northwest High School last spring, is a forward-looking young man. His goal for the next ten years is to complete his bachelor's and master's degrees at Rose, spend two years in the military service as a para-diver (para-divers are retired after two years), and complete his doctorate at the Massachusetts Institute of Technology—all of this in the 1970s.

While his goal may appear over-ambitious, his accomplishments as a youth are remarkable. Baker was concert master of his high school orchestra for two years and has played violin for eight years. He has won state honors in solo and ensemble contests.



# Rose Honors 140 Students At Convocation

More than 140 students were recognized for academic excellence and campus leadership during the annual Fall Honors Convocation at Rose Polytechnic Institute Tuesday, Oct. 15.

John R. Fish, a junior mathematics major from Linton, carried off two major awards and was one of five honor seniors tapped for membership in Tau Beta Pi national undergraduate honorary engineering fraternity.

Fish was presented the Bogart Memorial Award for having earned the highest grade point average after his sophomore year. Fish, who had a 3.98 average after his sophomore year, also won the outstanding sophomore mathematics award.

The Heminway Award, a bronze medal given to the freshman with the highest grade point average, went to three students—all three having earned perfect 4.0 averages after their freshman year last spring. Honored were Thomas A. Dehne, Northbrook, Ill.; Steven D. Goble, Casey, Ill., and Dana C. Winn of Indianapolis.

Dehne also was honored twice, the second honor being the Clarence P. Sousley Award, given annually to the outstanding freshman mathematics major. William D. Schindel, Albany, was the recipient of the outstanding junior math award.

Larry Anderson, a June graduate currently in graduate study at Indiana University, won the Noyes Award as the outstanding chemistry major, while Woodrow Conover, Terre Haute, was presented the John White Award as the outstanding junior in chemistry. Dan Phelps, Rives Junction, Mich., and John Rodsden of Hobart were presented junior and senior physics awards.

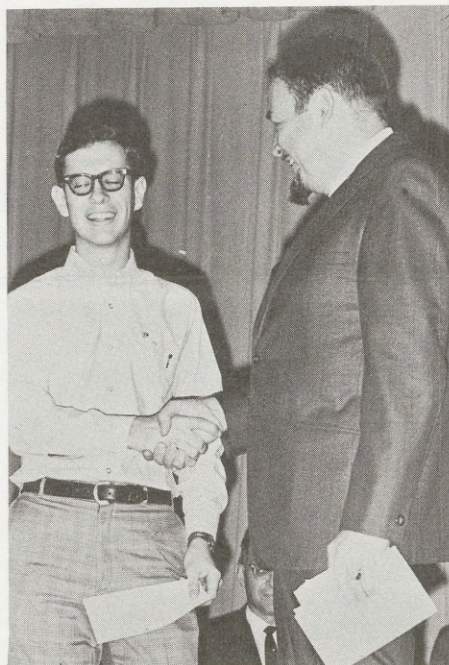
Michael Howlett, Georgetown, Ill., won the Cummins Award as the outstanding senior in mechanical engineering, while Robert Meyer received the Mueller Award as the top junior in mechanical engineering. Don Riley, who was graduated from Rose last June, was the winner of the Economics Award.

Ken Burkhardt, a senior from Cincinnati, received the MacLean Award as the outstanding student in civil engineering, while senior David A. Ripple, James A. Brown, a junior, and sopho-



**HEMINGWAY WINNERS**—Prof. Herman A. Moench, Vice President for Academic Affairs, congratulates three sophomores for completing their freshman year with perfect 4.0 averages. Hemingway Medal winners (left to right) are Dana C. Winn, Indianapolis; Thomas A. Dehne, Northbrook, Ill., and Steven D. Goble, Casey, Ill.

more Michael W. Harrison, received Nickerson Awards as the top civil engineering student in the respective classes.



**BOGART AWARD**—John R. Fish, a junior mathematics major from Linton, won the Bogart Memorial Award for the Highest grade point average after two years at Rose with a 3.98 average.

The Tau Beta Pi award for grade improvement during the freshman year went to Michael Burton for a rise in index of nearly 60 points from the first to third quarters last year.

Lambda Chi Alpha social fraternity won the I-F Scholarship Trophy with a 2.85 fraternity grade point average.

Eight members of the Rose ROTC unit were honored as distinguished military students. Honored were John R. Grauel, Findlay, Ohio; Michael Haley, Richardson, Texas; Alan L. Heath, Jamestown; Walter R. Mazzei, Arlington Heights, Ill.; Dan Phelps, Rives Junction, Mich.; Timothy K. Sullivan, Fairfield, Ill.; Memphis D. Tufts, Cleveland, Ohio, and Robert Werner of Terre Haute.

Robert Combs, Memphis, Tenn., also was recognized for winning the Armed Forces Communications and Electronics Association Scholarship for his second year of study. Combs competed with students from 167 other colleges for one of two such scholarships.

Additionally, one hundred thirty-five upperclassmen were recognized for making the dean's list with a 3:10 or better grade point average on the 4.0 system.



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ROSE ECHOES

## Engineer Sportscene

# Rose Cagers Boast Size, But Lack Experience

Rose tipped off King Basketball in Indiana again this year as the Engineers of John Mutchner opened with Berea of Kentucky in a tuneup for the Prairie College Tournament at Principia on the last three days of the month.

Faced with the problem of filling slots of the number two, three and four-all time scorers at Rose, Mutchner has settled on two returning starters and three relative newcomers for his starting five this trip—a quintet which has more size than any in the history of the school.

Don Ings, a 6-1, 160-pound junior guard who prepped at Indianapolis Shortridge, returns with a 25-point scoring average and could well hike his point output this trip with the scoring load he will be expected to shoulder.

George Shaver, a 6-4, 195-pounder from Royerton, is the other returning starter, having averaged 15.3 points a game last season. He also averaged 16 rebounds to lead Rose in a department which should be looking up this year.

Shaver, who in the past has worked with 6-2 forwards, has moved to forward to make room for 6-5, 195-pound senior Dave Shewmaker. A product of Terre Haute Wiley, Shewmaker is rapidly rounding into form after a two-year layoff from basketball.

The opposite forward slot will be manned by D. J. Cordero, a 6-7, 185-pound sophomore from Panama who

played his first basketball less than three short years ago. Son of an exchange professor at Indiana University, Cordero was introduced to the cage sport on his arrival to the state as a high school senior.

## Basketball Schedule

W-Nov. 20	Berea
Th-S-Nov. 28-30	P.C.C. Tourney (At Principia)
W-Dec. 4	St. Benedict's
S-Dec. 7	Principia
S-Dec. 14	At Washington U.
F, S-Dec. 27-28	Aquinas Tourney
F-Jan. 10	At Centre
S-Jan. 11	At Berea
W-Jan. 15	Illinois College
S-Jan. 18	At Hanover
T-Jan. 21	At Iowa Wesleyan
F-Jan. 24	Rose Invitational (Wabash, Centre, Principia)
W-Jan. 29	Indiana Central
S-Feb. 1	At Blackburn
M-Feb. 3	Greenville
W-Feb. 5	Wabash
S-Feb. 8	At Principia
W-Feb. 12	Earlham
S-Feb. 15	At Illinois College
T-Feb. 18	At Greenville
S-Feb. 22	Blackburn
M-Feb. 24	Iowa Wesleyan

Cordero is Mutchner's most improved ball player; in fact, all he lacks is experience. "He has come so far in a year," states Mutchner, "that it is difficult to tell how good he can be."

The fifth starter is no stranger to western Indiana basketball, having led Brazil to a sectional tournament victory over state ranked Cloverdale two years ago. Tom Butwin (5-11, 160) played very little as a freshman, but has moved into a starting position with the ease of a returning letterman.

Jim Tucker, a 6-1, 190-pound senior from Morristown and sixth man on last year's team, suffered a broken clavical in a fraternity touch football game and cannot be counted on until late in the season, thus leaving the position open to junior Rod Smith (6-2, 180) of Indianapolis and a number of eager freshmen and sophomores.

The remainder of the squad includes junior Barry Jenkins, Chrisman, Ill.; Sophomores Don Johnson, Zanesville, Ohio, and Richard Williams, Billercia, Mass.; and freshman Bill Boward, Palatine, Ill.; Jim Bratina, South Bend; Tom Hyatt, Ellettsville; Dennis Radecki, South Bend; Charles Rives, Louisville, and Art Rugg of Bloomington.

Rose compiled a fine 18-7 record last season. How well the engineers fare this trip, according to Mutchner, centers around "the progress of the big men and the amount of defense the team wants to play."