



05 Feb 1965

## The Missouri Miner, February 05, 1965

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# The Missouri MINER

UNIVERSITY OF MISSOURI AT ROLLA

VOLUME 51

FRIDAY, FEBRUARY 5, 1965, ROLLA, MISSOURI

NUMBER 16

NO  
RETURN

## Captain R. J. DeThorne Awarded Army Citation

Captain Raymond J. DeThorne, Assistant Professor of Military Science, was presented the Bronze Star Medal for outstanding meritorious service in Vietnam in a ceremony at the MSM Military Department on January 19, 1965. The award was presented by Colonel David L. Gundling, Professor of Military Science.

The award was made to Capt DeThorne by Headquarters, United States Military Assistance Command, Vietnam, by direction of the President under the provisions of Executive Order 11046, for distinguishing himself through outstanding meritorious service in connection with ground operations against a hostile force in the Republic of Vietnam during the period from December 1963 to December 1964.

The citation with the award for Capt DeThorne read, in part: "Through his untiring efforts and professional ability, he consistently obtained outstanding results. He was quick to grasp the implications of new problems with which he was faced as a result of the ever changing situations inherent in a counterinsurgency operation and to find ways and means to solve those problems. His initiative, zeal, sound judgment and devotion to duty have been in the highest tradition of the United States Army and reflect great credit on him and on the military service."

Capt DeThorne joined the MSM Military Department on December 29, 1964 and is assigned to the Freshman Division. He

received a Bachelor of Science Degree in Mechanical Engineering from Marquette University in June of 1956 and was commissioned a second lieutenant in the Regular Army from ROTC at Marquette at the same time.

In addition to the Engineer Officer Basic Course at the Engineer School, Fort Belvoir, Va., Capt DeThorne has completed the Airborne Course and the Jumpmaster Course at the Infantry School, Fort Benning, Ga., the Engineer Officers Career Course and the Nuclear Weapons Employment Course at the Engineer School, Fort Belvoir, and the U. S. Army Special Weapons School. He holds the rating of Parachutist.

## L. R. Cochran Named New Head Of Public Information Office

Brig. Gen. L. R. Cochran, U. S. Army (Ret.), has been named director of public information at the University of Missouri at Rolla, Chancellor Merl Baker has announced.

Gen. Cochran, who assumed his duties Jan. 1, will also serve as executive secretary of the Centennial Committee and will be in charge of coordinating centennial planning and the administration of policies established by the Centennial Committee. The University of Missouri at Rolla will observe its centennial in 1970.

This will be the first time that a full-time public information director will serve at this school. David Oakley, band director, who

has served part time in that capacity for the past five years, will devote full time to music. Mrs. J. Kent Roberts, public information officer, will continue in charge of news services.

The retired General is the son of the late Ray S. Cochran, who for over 50 years was editor of the Joplin Globe and News-Herald. Both Gen. and Mrs. Cochran, the former Adaline Martin, are natives of Missouri, graduates of Joplin High School and attended the University of Missouri. Mrs. Cochran also attended Lindenwood College at St. Charles.

Gen. Cochran retired from the Army in July, 1962. His last ac-

tive duty assignment was at Fort Jackson, S. C., where he had served as deputy commanding general since January, 1959. Since his retirement he has lived in Columbia, S. C.

A graduate of the U. S. Military Academy, West Point, N. Y., Gen. Cochran is also a graduate of the U. S. Army Infantry School, the Tank School, the Command and General Staff College, the Armed Forces Staff College and the Army War College. He also attended the General Officers Command Management Course at Fort Belvoir, Va., and the Strategic Intelligence School, Washington, D. C. For three years he was an instructor at the Command and General Staff College, Fort Leavenworth, Kans.

Gen. Cochran's 30-year commissioned Army career was devoted mainly to command and staff functions, with fiscal, logistic and property management responsibilities. He served as assistant division commander and acting division commanding general and chief of staff of the United States Army, Japan. At various times he has served on the Army General Staff and with both Joint and Combined Staffs including NATO. Overseas assignments included duty in the European theater during World War II and later with NATO in Italy, and in Korea and Japan from 1955 to 1959.

Gen. Cochran holds the Legion of Merit (with two Oak Leaf Clusters), Commendation Medal, European-African-Middle Eastern Campaign Medal, American Defense Service Medal, National Defense Service Medal, and the Order of Military Merit ULCHI with Silver Star (Republic of Korea).

Gen. Cochran has been a member of the board of directors of the Salvation Army, the Chamber of Commerce and the planning division of United Community Services in Columbia, S. C. He is a member of the Association of United States Army, the Retired Officers Association, and Phi Gamma Delta social fraternity.

Gen. and Mrs. Cochran live at No. 18 Oak Park Apartments, 1300 Oak Street.

## Graduating Advanced ROTC Cadets Receive Army Reserve Commissions

Thirty-two MSM students who have completed requirements for a degree were commissioned as second lieutenants in the United States Army Reserve in a ceremony in the Student Union, January 23, 1965.

The program began with an invocation by the Reverend Joseph W. Carlo, Rector of the Christ Church Episcopal. Doctor Jim C.

moral character, initiative and academic achievement. They were: Clark G. Gordon, Richard P. Laird, and Leonard W. Roth, from Rolla; William H. Branum, Hornersville; Floyd A. Gonzalez, Blue Springs; William B. Holder, Jr., Dexter; Gary A. Lohman, Perryville; Richard A. Rusch, Joplin; and John D. Smart, Fulton; all from Missouri.

St. Louis (all from Missouri); David E. Halper, McLean, Va.; Daniel T. Henry, Columbus, Ohio; Jay S. Kallor, Hartsdale, N. Y.; Gary M. Larwood, Stephens City, Va.; Milton O. Lasker, Jackson, Miss.; and Richard F. Ulm, Oak Ridge, Tenn.

## Dr. David Wood Will Speak On US World Affairs

The first of a series of four lectures on The Role of the United States in World Affairs will be held on February 9, 1965 from 7:30 to 9:30 p. m. in the Student Union Auditorium at MSM. Dr. David Wood, Assistant Professor of Political Science at the University of Missouri at Columbia will speak on U. S. Relations with European Nations. The public is invited to attend.

Professor Wood is eminently qualified to speak about European political affairs. He received his BA Degree from Miami University of Ohio and his MA and PhD Degrees from the University of Illinois. His major fields of interest are comparative government and international affairs, particularly of the Western European nations. His most recent research has been on the political parties during the fifth French Republic.

Dr. Wood has published numerous articles and read papers before several professional organizations.

The lecture series is being sponsored by the MSM Military Department. The next lecture is scheduled to be held on February 25, 1965 and will be on U. S. Relations with African and Middle Eastern Nations.



Thirty-two students were commissioned second lieutenants.

Pogue, chairman of the Department of Humanities and Social Studies, gave an address to the graduates before they were administered the Oath of Office by Colonel David L. Gundling, Professor of Military Science. The commissions were presented by Doctor Dudley Thompson, Dean of the Faculty and Director, School of Engineering.

Members of families and friends were present to see the young officers sworn in.

Nine of the students were designated as Distinguished Military Graduates, an honor conferred on those students who demonstrate the highest qualities of leadership,

Other second lieutenants commissioned in the U. S. Army Reserve at the ceremony were: William D. Brashear, Neosho; William R. Cope, Ellington; John W. Dierker, Lemay; Willie L. Franklin, Waynesville; Thomas W. Gardner, St. Louis; Roney L. Haden, St. Joseph; Harry P. Heibin, Joplin; Douglas E. Holen, University City; Bruce E. Koopman, Affton; James T. Lemons, Poplar Bluff; James E. O'Bryant, II, Springfield; William R. Palmer, Old Monroe; Theodore D. Pasek, St. Joseph; Melvin L. Picker, Owensville; Ronald C. Renaud, Manchester; Robert H. Schultow, and David R. Williams,

## Eta Kappa Nu Honor Society Holds Initiation

The Gamma-Theta Chapter of Eta Kappa Nu Association, the electrical engineering honor society, held its initiation banquet for the fall semester on Saturday evening, January 9, at the Holiday Inn. Sixty-six members, initiates, and guests were in attendance.

Membership in this society is the highest honor which EE students can attain while here at MSM. Juniors are chosen from the top quarter of their EE class, while Seniors must be in the top third. All candidates are reviewed by the active membership, and those who have not demonstrated the necessary scholarship, personality, and character are eliminated.

The following students were elected to membership unanimously by the active membership of Eta Kappa Nu and were officially initiated by the chapter officers at the banquet: Richard C. Beckman, Gregory M. Bednar, Charles

(Continued on Page 8)

### NOTICE!

THE REGISTRAR'S OFFICE  
WILL BE CLOSED  
ON SATURDAY  
FEBRUARY 20, 1965



## Teachers Being Taught At Mr. Roberts' Seminar

The idea of the teaching seminars originated with the calling of the first seminar in Pennsylvania at Penn State University. Penn State provided the facilities, The Ford Foundation provided the funds, and the American Society for Engineering Education provided the basic idea for the program. Delegates were invited from various Colleges and Universities with the stipulation that, if they attended the seminar, they would set up a similar program at the Institution which they were representing.

The first seminar, held in 1960, proved to be the start of a very profitable series of programs held here. Every year since then, in September, voluntary groups of teachers, both new and experienced, have met together for a rather informal exchange of ideas on teaching techniques. Actually, according to Prof. Roberts, the objectives of the seminars are twofold: 1. training in fundamental principles and use of effective teaching methods; 2. orientation as professional engineering educators.

Some of the subjects discussed and presented by various members of the faculty are: facilities around campus (library, school, etc.), objectives of engineering education, teaching methods, teacher-student relations, grading, and stimulating creative thinking. All of these and more topics are presented, discussed and analyzed by the members of the seminar in hopes that some ideas will develop.

Considering the fact that attendance is voluntary, there has

been a very good turnout, especially by new teachers. The Engineering and Science Departments have had extremely good attendance. Due to the increased number of teachers coming in at semesters, it may be necessary in the future to hold the seminars both in September and in January.

Although these seminars are held primarily for new teachers, there are certainly a large number of experienced gentlemen to whom they would do no harm. In fact, they would probably tend to improve a large number of our present teachers' outlooks and methods which they are using at the present time.

## Student Council Runs Loan Fund

The Student Council here at MSM has established a loan fund in honor of former Dean Curtis L. Wilson and administered through the office of Dean Ponder.

Each year the Student Council donates a sum of money to the Curtis L. Wilson Loan Fund for the purpose of providing necessary finances for students. When Dean Wilson retired, the Student Council decided that this loan fund, serving the Student Body, would be an appropriate gift re-

With the opening of the spring semester, preparations for St. Pat's begin in full swing. Dates are obtained, reservations made, and plans for parties, floats, and outings are in the initial stages. Months of preparation and planning by the St. Pat's Board are now ready to be revealed.

The first big event in connection with St. Pat's this semester is the benefit movie. The movie which will be shown on February 24, is to be *North to Alaska* starring John Wayne and Capucine. Naturally, along with this fine film will be featured three Road-runner cartoons. Tickets will be available from all St. Pat's board members beginning February 12. This is a show which everyone should be sure not to miss. The patronage of the student body will help to bring a bigger and better St. Pat's to MSM.

Two big events during St. Pat's in which all campus organizations participate are the parade and the queen contest. The theme for this year's parade is to be "Comic Strips." All organizations entering a float this year are urged by the St. Pat's Board to begin planning schemes for their floats promptly. All schemes are to be turned in to Denton Leeming of Sigma Phi Epsilon. A new ruling for the queen contest is that all

presenting Dean Wilson, for Dean Wilson always thought first of the welfare of his students at MSM. He was and is always a friend to the college students here, and has devoted his life to them. This loan fund carries on more service to the Student Body in the name and tradition of Dean Curtis Wilson.

## Plans for St. Pat's Take Shape

candidates are to be unmarried. These candidates are to be turned in to Tom Van Rhein of Kappa Sigma fraternity.

The two dances sponsored by the St. Pat's Board on Friday and Saturday nights will be free to all students of MSM and their

guests. Big name bands will provide the music for both affairs.

In a few short weeks bearded Miners begin wearing their green hats and St. Pat's buttons and sweatshirts. Hats and buttons will be available in the very near future. Watch for them.



## On Campus with Max Shulman

(By the author of "Rally Round the Flag, Boys!", "Dobie Gillis," etc.)

### ONCE MORE UNTO THE BREACH

Today I begin my eleventh year of writing this column in your campus newspaper.

I wasn't sure I'd be coming back this year. After a decade of doing this column, I had retreated to my country seat, tired but happy, to enjoy a nice long rest. But last night as I sat on my verandah, peaceful and serene, humming the largo from *A Long Day's Night* and warming my dog, a stranger suddenly appeared before me.

He was a tall, clean-limbed man, crinkly-eyed and crooked-grinned, stalwart and virile. "How do you do," he said. "My name is Stalwart Virile and I am with the Personna Stainless Steel Razor Blade people."

"Enchanted," I said. "Take off your homburg and sit down." I clapped my hands sharply. "Norman!" I called. "Another chair for Mr. Virile!"



"Another chair for Mr. Virile!"

Obediently my dog trotted away and returned directly with a fanback chair of Malayan rattan. He is the smartest dog in our block.

"I suppose you're wondering why I am here," said Mr. Virile, seating himself.

"Well, sir," I replied, my old eyes twinkling roguishly, "I'll wager you didn't come to read my meter."

You can imagine how we howled at that one!

"That's a doozy!" cried Mr. Virile, finally catching his breath. "I must remember to tell it to Alice when I get home."

"Your wife?" I said.

"My father," he said.

"Oh," I said.

"But enough of wit and humor," he said. "Let us get down to business. How would you like to write a campus column for Personna Stainless Steel Razor Blades?"

"For money?" I said.

"Yes," he said.

"My hand, sir," I said and clasped his. Warmly he returned the pressure, and soft smiles played upon our lips, and our eyes were moist with the hint of tears, and we were silent, not trusting ourselves to speak.

"What will you write about in your campus column?" asked Mr. Virile when he was able to talk again.

"I will take up the burning issues that vex the American undergraduate!" I cried, bounding to my feet. "I will explore, without fear or favor, such explosive questions as 'Are roommates sanitary?' and 'Should proctors be given a saliva test?' and 'Should capital punishment for pledges be abolished?' and 'Can a student of 19 find happiness with an economics professor of 80?'"

"And will you also say a pleasant word from time to time about Personna Stainless Steel Razor Blades?" asked Mr. Virile.

"Sir," I said simply, "what other kind of word except pleasant could I possibly say about Personna Blades, which give me more luxury shaves than Beep-Beep or any other blade I might name?"

"Another of my products is Burma Shave," said Mr. Virile.

"Can you find it in your heart to mention Burma Shave occasionally?"

"But of course!" I declared. "For is not Burma Shave the whisker-wiltingest lather in the land?"

"Yes," he admitted.

And then he shook my hand again and smiled bravely and was gone—a tall silhouette moving erectly into the setting sun.

"Farewell, good tonsorialist!" I cried after him. "Aloha!"

And turned with a will to my typewriter.

\* \* \*

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The makers of Personna® Blades and Burma Shave® are happy to bring you another season of Max Shulman's uncensored, uninhibited, and unpredictable column. We think you'll be happy too when you try our products.

## "when can I interview IBM?"

Feb. 15, 16

## "for what jobs?"

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# Miner Editorials and Letters

There is no doubt that the faculty of MSM includes many very qualified engineers and technical men. Unfortunately, a considerable number of them are qualified only to be engineers, not to be teachers.

In many cases the instructors here are experts in the fields which they teach. However, teaching requires more than a knowledge of the subject. Just as important is the ability to communicate with the student, and transfer knowledge in a clear and understandable manner. This is the mark of a good teacher. And if, in addition to this, an instructor can cultivate his students' in the subject and actually make the learning enjoyable, he is a great teacher.

Due to the fact that most of the teachers at MSM have received any training in teaching, there are very few of these great teachers at our school. The teacher who wanders aimlessly through a course with no specific aims and no set methods of attaining results is wasting his students' time. The teacher who merely reads the book or just repeats what is in the book might just as well call off class and let the student read it on his own. Unfortunately, many teachers on our campus fall into this category.

There is a way for instructors here to improve their methods of teaching. This is to participate in the Teaching Seminar described on the previous page. Certainly this seminar cannot mold everyone into a master educator; it can, however, improve in some way the teaching methods of everyone that attends, thereby raising the quality of our school and its graduates.

It is hoped that more teachers will acquaint themselves with and participate in this seminar.

## MSM Education Is Well-Rounded

Dear Editor,

How many times have you heard MSM referred to as animal farm, and by whom? Did you take a good look at those "casting stones"? I wouldn't want to be guilty of insinuation that they are lacking courage or school spirit so I'll just say it: they are obviously cowards to stand by silently, while someone called MSM an "animal farm" and them "strange".

If they have been passing courses on pure memorization, notify historians that now we have eight wonders of the world. Without some good level-headed "horse sense" I doubt if they could even have gotten through

registration, much more so the first semester. They don't learn to solve problems by memorization of formulas unless they have been simplified a hell of a lot since I was a sophomore. A couple of years ago we learned by doing. Work enough problems and the method becomes almost automatic—like riding a bike or swimming, you learn by practice, not memorization.

The group of drunken Miners, I assure you, weren't referring to the lack of intellectual stimulation. More likely they were unhappy about the acute shortage of members of the opposite sex. I'll bet that if they'd been asked, they'd have said that their greatest need was not for their fellow man. I think the average Miner is aware of the world and its problems. Rolla may be (in some people's opinion) a backwoods community, but it has a wide selection of newspapers and

periodicals, radio and television reception, and even postal service. So if anyone has lost contact with "normal society", the fault isn't MSM's, but their own.

Some seem to think Miners can't express themselves on paper. To quote one of our English Instructors, "The student should have learned his grammar in high school or before".

Unless a person has a super-ego, he can't possibly live today without developing an understanding of his fellow man. Life isn't something a person learns from a book, he learns by living it. It was said that "science cannot explain the mind". They have a science relatively new as the sciences go, but I thought everyone had heard of it; it's called psychology and it's offered by MSM. Will wonders never cease! Certainly science can't explain things completely, if they could, our research centers would be "hurting".

The purpose of our Humanities Department is to round out our education to turn out a well balanced engineer. At any rate, that was its purpose in '61 when I started here. Things are changing now, but I, for one, am in favor of keeping it that way. Let those who want a liberal arts education go to Columbia or another like institution, and let those who want an engineering education, the BEST engineering education, come to Rolla—if they are willing to work and sacrifice a little for it.

Sincerely,  
J. L. Hankins



THE MISSOURI MINER is the official publication of the students of the Missouri School of Mines and Metallurgy. It is published at Rolla, Mo., every Friday during the school year. Entered as second class matter February 8, 1945, at the Post Office at Rolla, Mo., under the Act of March 3, 1879.

The subscription is \$1.00 per semester. This Missouri Miner features activities of the Students and Faculty of M. S. M.

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## Miner Resents Being "Number Not a Name"

Dear Editor,

What was the first thing you heard when you came to register for this semester? Undoubtedly it was, "What's your student number?" How many times did you hear it before you were done? What do you hear every time you set foot in the registrar's office? "What's your student number? What's your student number? What's your student number? . . . ." Doesn't anyone have a name around here? Numbers are for expressing measurements everywhere except in the government and Parker Hall where numbers are people. It seems as though a few years back, the head man over there, better known as 007, decided that if the government could make people numbers, why couldn't he? It sure would simplify things. His ever-faithful assistant, 008, agreed, and they forged blindly ahead in their new-found system by putting secretaries 0010, 0012, and 362436 to the task of numbering all new students.

So the other day, registration day, there was good-old 0101 right there in front of the gym door at eight o'clock sharp. Good-old 0101 has been here since they started making students numbers. Matter of fact, he's only 15 past the last secretary. He's passed at least nine hours a semester since he's been here and if he passed 275 last semester he'll be a Junior. Good-old 0101! Great day for good-old 0101, maybe he'll be a Junior. And there's 008 at the door to meet him with, "What's your student number? . . . . 0101, gee that's great, what would you like next semester? . . . . let's see, 114, 207, 186, and 210, think you can handle all those hours (14)? . . . . sure, there aren't any courses closed yet 0101, you're in good shape . . . . see you around 0101."

And then along about three o'clock that afternoon 7222 got a chance to register. Good-old 7222, transferred here about three semesters ago and if he can arrange the twelve hours he needs he'll graduate in June. Still there to greet him is smiling ever-faithful 008 with his eternal, "What's your student number? . . . . 7222, OK, let's see, you need 347, 368, 276, and 351 . . . . hmmm, seems as though 347, 276, and 351 are all closed, isn't there something else you need? . . . . oh, you're graduating, that's too bad . . . . I'm sorry I don't see how we can get you in . . . . maybe we can get you into 347, it meets at six a.m. on Tuesdays and Thursdays and has a lab at two p.m. on Sunday . . . . I'm sorry, there's nothing I can do . . . . tell you what, why don't you quit school and come back in about four semesters, by then the numbers should have caught up with you enough so that you can get these courses . . . . I'm sorry, I'm sorry, I'm sorry . . . ."

My point should be clear to everyone with the possible exception of "good-old" 007 and 008. Since they are already addicted to numbers why don't they put a little justice in their system by adding the student's graduation year before his regular student number.

Sincerely  
(65)-6238  
Donald Nortrop

## On the Other Side of The Transit



George Bernard Shaw wrote the book, Frederick Loewe the music and Alan Jay Lerner the lyrics. It broke all box office records on Broadway. But never was true justice done to *My Fair Lady* until it came under the magic touch of Warner Brothers.

But then the show does have a lot going for it. It has the witty, clever and perfect lyrics of Lerner. It has the broad and varied melodies of Loewe. It has Rex Harrison from the original Broadway show who should be the man to haul-off the best-actor-of-the-year Oscar for his performance as the purely egotistical Professor Higgins. It has the vast extent of different means open to the motion picture industry—means used to their fullest advantage. Penetrating into all of these areas is that tender and heart-appealing story of G. B. Shaw, *Pygmalion*.

But what makes this picture so good and the probable winner of the best picture Oscar is all the little surprises. The setting and the costumes are elegant. The voice of Marni Nixon dubbed-in for Eliza was beautiful and the process carried off well. But the biggest surprise to me was Audrey Hepburn. Don't misunderstand me, I have always felt she was an excellent actress. But in *My Fair Lady* she is fantastic. She captures all of the feelings of the flower selling-queen trained Eliza Doolittle. It is a tribute to her talents when one goes to see a Julie Andrews and finds a talent that has bettered the Broadway performance.

The only fault I could find in the entire show was an intermission. There is a ten minute intermission which halts the spectacle for a while to the disappointment of everyone except the popcorn munchers.

If you have to sneak-in or cash in your stamp collection, see this picture. It is a masterpiece.

## Thinks UMR Is Up to Par

Dear Editor,

There seems to be a growing discontent at UMR because some students feel that our education is not up to par.

In my opinion I feel that the school is doing an excellent job. I contend that we students are receiving a superior education in engineering. UMR's alumni have proved this by their record in industry.

I'm sure we all agree that the ideal situation is to educate the whole man—not just concentrate on one field. However because of lack of time and money we are forced to specialize. Also, since this is a state supported school it is the administration's obligation to educate as many as possible along with the best possible quality. Because of this, a speedy education is imperative which eliminates the possibility of many liberal arts courses, since this is the state's engineering school.

UMR is basically engineering—there's no getting around it. It does not pretend to teach liberal arts as its main field of interest. I'm not trying to belittle a general or well rounded education but as I have stated before not all of us can afford this luxury. We therefore attend UMR and get a very fine engineering degree and then later by our own initiative discover the fine arts. Engineering has developed to such a technical state that there is hardly any time for liberal arts in a four year course.

I agree however, that the humanity courses that are being taught should be improved in quality. The "snap humanity courses" should be eliminated and replaced with good basic sources which should stimulate a true interest in the fine arts. This interest, if properly developed, will never cease and will result in further study after graduation.

As far as the student who continually complains about the so called lack of liberal arts; he is simply misplaced. He really doesn't want engineering, so why doesn't he do the logical thing and leave Rolla to seek his true field in liberal arts.

In summary I believe that although there is much room for improvement, UMR is fulfilling its main purpose as a technical college. Although this is not the ideal education, it is one of the best which can be had in our practical society today.

Tony Lexa



# One of These Beauties Will

## PERSHING RIFLES

Pershing Rifles are proud to present Miss Joyce Marie Miller as their candidate for the 1965 Military Ball Queen.



Joyce Marie Miller

Joyce, a 5' 4" brunette, is from Joplin, Missouri. She is presently a sophomore at Jasper County Junior College, majoring in Education with an interest in teaching mathematics on the secondary level upon graduation from the University of Missouri at Columbia.

Her extra-curricular activities include the Yearbook Staff, Collegiate Council for United Nations, Math Club, and being treasurer of Student Senate. In her spare time she enjoys swimming, bowling, and tennis.

Joyce was recently selected Honorary Company Commander of Company K, and will represent Company K in the Honorary Reg-

imental Commander Contest in Stillwater, Oklahoma.

Miss Miller's escort for the Military Ball activities will be Lloyd W. Bingham, a senior in Electrical Engineering.

## ROTC BAND

The ROTC Band is proud to present for its candidate for Military Ball Queen, Miss Joyce Stocker.

Joyce is currently a senior at Ruskin High School and is active in Future Teachers of America, National Honor Society, Band,



Joyce Stocker

and Speech Club. Her hobbies include tennis, basketball, reading, and music.

Upon graduation, Joyce plans to attend the University of Missouri and major in Political Science.

## INDEPENDENTS

The Independents of the University of Missouri at Rolla are proud to present Miss Peggy Otten as their candidate for Military Ball Queen for 1965. Peggy graduated from Cleveland High School in January of 1963 and is now a student nurse at Deaconess Hospital in St. Louis. This fair young lady stands 5' 3" tall with brown eyes sparkling under her medium brown hair. Peg has a quick smile for all her friends and patients at Deaconess. To keep herself busy when not "on the job" Peggy finds time for volleyball, basketball, reading and sewing. To add to her qualifications she has been a past Honored Queen of Jobs Daughters. Miss Peggy Otten will be escorted by Franklin Giger, a senior in Mechanical Engineering.



Peggy Otten

## MRHA

The Men's Residence Hall Association is proud to present its candidate for Military Ball Queen, Miss Candi Duncan. Candi, a brown eyed, brown haired Miss is a senior at North Kansas City High School. During the academic year Candi was active in Pep Club and worked on the sales committee for the yearbook.

Candi is more of the outdoor type rather than a bookworm. She enjoys horseback riding and all aquatic sports. Her favorite

hobby is dancing.

Candi also works part time as a fashion model and plans to attend a business college upon graduation.

Candi, an identical twin, will be escorted by William K. Meeker, a Mechanical Engineering major.



Candi Duncan

## PHI KAPPA THETA

The men of Phi Kappa Theta have selected Miss Gloria Brinkman as their candidate for 1965 Military Ball Queen.

Gloria, a blonde, blue-eyed lass from South St. Louis, Missouri, is currently a student at Webster College in Webster Groves. She



Gloria Brinkman

is twenty years old, weighs one hundred and eighteen pounds, and is five foot nine inches tall.

Phi Kap is pleased to have

Miss Brinkman as its Military Ball Queen candidate. She is pinned to Greg Junge, a senior in Civil Engineering.

## SIGMA PHI EPSILON

Representing Sigma Phi Epsi-



Sherryl Scott

lon Fraternity as a candidate for this years Military Ball Queen is Miss Sherryl Scott.

Presently attending Central Missouri State College at Warrensburg, Missouri, Sherryl is a freshman and is majoring in Arts and Sciences. Coming from Kansas City, Sherryl attended Southeast High School, where she was a member of the student council, President of the Pep Club, and a cheerleader.

After graduation, Sherryl plans to become an interior decorator.

Sig Ep is very pleased to have Miss Scott as its Military Ball Queen Candidate. She will be escorted by Jerry Coleman, a sophomore in Civil Engineering.

## KAPPA ALPHA



Karen Williams

Kappa Alpha is proud to present Miss Karen Williams as its 1964-65 Military Ball Queen candidate.

A twenty-one year old native of Kansas City, Missouri, Miss Williams has attended Kansas City Junior College and is presently employed as a correspondent for a Kansas City insurance firm. Karen is very active in community and church activities and has won many friends with her pleasing personality. Her leisure time is spent primarily in a physical fitness program at the Y.W.C.A. Some other favorite pastimes include swimming, reading, and listening to Henry Mancini albums. Karen's beauty and charm add up to a winning combination for the

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# Miss Williams Will Be Queen of the Ball

an as its Military  
candidate. She is  
Junge, a senior  
ing.  
PHI EPSILON  
Sigma Phi Eps



Cheryl Scott

as a candidate  
Military Ball Queen  
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ALPHA



Williams

is proud to p  
Williams as  
Ball Queen

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in a physical  
the Y.W.C.  
rite pastimes  
reading, and  
Mancini album  
nd charm add  
mbination for

brothers of K. A.  
Miss Williams' escort will be  
her pinmate, Don Schilling, a  
junior in Chemical Engineering.

## THETA XI



Joanne Vien

Theta Xi Fraternity is proud to  
introduce its 1965 Military Ball  
Queen candidate, Miss Joanne  
Vien. Joanne is the lovely daugh-  
ter of Mr. and Mrs. Emil Vien of  
St. Louis, Missouri.

Joanne recently graduated from  
Patricia Stevens Business School  
and is now employed at Garrison  
Wagner Company as the presi-  
dent's secretary.

Robert Hofmeister is Miss  
Vien's proud escort and he is a  
junior majoring in Mechanical En-  
gineering.

## SIGMA PI

Representing Sigma Pi as its  
candidate for the 1965 Military  
Ball Queen is 19 year-old Miss  
Karen Poecker. This 5' 7" bundle



Karen Poecker

of smiles has all the charm and  
personality necessary for any  
queen. No stranger to the MSM  
scene, Karen has been attending  
party weekends in Rolla for over  
two years and is a favorite guest  
at the Sigma Pi house.

Karen is now a sophomore ele-  
mentary education major at  
Northeast Missouri State Teach-  
ers College in Kirksville. She is  
a member of Delta Zeta Sorority,  
Elementary Choir, and is active  
in several other campus organiza-  
tions at NEMO. Her outside in-  
terests include sewing, swimming,  
and water skiing.

Miss Poecker will be escorted  
by her fiancée, Tom Joslin, a  
junior in Electrical Engineering.

## LAMBDA CHI ALPHA

Lambda Chi Alpha is proud to  
present as its queen candidate to  
reign at the 1965 Military Ball,  
Miss Brenda Wisheart. Brenda is  
5' 4" tall and has brown eyes and



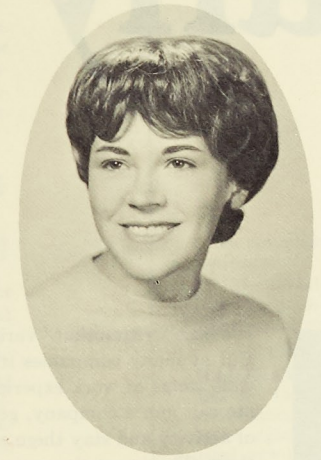
Brenda Wisheart

black hair.

Brenda is presently a junior at  
Southwest Missouri State at  
Springfield, Missouri and is a  
member of Alpha Sigma Alpha  
Sorority. Her interests include  
swimming, tennis, and music.

Miss Wisheart will be escorted  
by David Murrel, a senior major-  
ing in Civil Engineering.

## KAPPA SIGMA



Cheryl Dycus

Kappa Sigma is pleased to in-  
troduce Mrs. Cheryl Dycus as its  
Military Ball Queen candidate for  
1964-65.

Mrs. Dycus is a charming twen-  
ty year old who has lived in Web-

ster Groves, Missouri most of her  
life. She attended Lindenwood  
College for two years, where she  
worked toward her double major  
of English and Drama. Cheryl is  
now employed by the school.

Mrs. Dycus has a wide range  
of talents and interests. She plays  
a baritone ukulele, reads, and  
cooks. All these things will surely  
make this brown-eyed beauty a  
winner for the brothers of Kappa  
Sigma.

Mrs. Dycus' escort will be her  
husband, James Dycus, a senior  
in Mechanical Engineering.

## TRIANGLE

The men of Triangle are proud  
to announce the selection of Miss  
Mary Whites as their candidate  
for queen of the Military Ball.

Mary, at 5' 1" tall, proves that  
good things do indeed come in  
small packages. She has dark  
brown hair and hazel eyes.

Miss Whites is presently a soph-  
omore at Southwest Missouri State  
College and has for her interests



Mary Whites

skiing, swimming, dancing, and  
art. Her escort will be a Metal-  
lurgy major, John Suarez.

## PI KAPPA ALPHA

Pi Kappa Alpha's entry for  
Military Ball Queen is Miss Jean-  
ne Marie Handshy. A native St.  
Louisian, Jeanne graduated from  
Roosevelt High School, with schol-  
arship and service honors, and  
held offices as secretary to: Junior  
Class, City-Wide Student Council,  
and Pep Club. She was also  
special maid in two queen corona-

tions her senior year, in addition  
to being Key Club Sweetheart.

Besides loving Pike party week-  
ends, Jeanne also likes swimming,  
water skiing, bowling, ice-skating,  
reading, and working for Mon-  
santo of St. Louis.

The ready smile and outgoing  
personality of this 5' 7" brunette  
have made her a favorite of the  
men of Alpha Kappa, and we are  
proud to have her as our candidate  
for Queen of the Military Ball.



Jeanne Marie Handshy

## SIGMA NU

Sigma Nu's candidate for Mil-  
itary Ball Queen is 19 year old  
Mrs. Marsha Pfeifer. The author  
of this article is Paul Pfeifer.  
Therefore without the slightest  
hint of prejudice I can honestly  
say, "She is the most beautiful  
girl in the world with the finest  
personality imaginable."

She likes to dance, water ski,



Marsha Pfeifer

and hit me. Most of her time is  
taken caring for our two daugh-  
ters.

## KAPPA PHI

Kappa Phi's candidate for the  
1964-65 MSM Military Ball is  
Mary Lillie. Mary is a graduate  
of St. Teresa Academy in East St.



Mary Lillie

Louis and has attended Belleville  
Jr. College for the past two years.  
She is presently teaching in ele-  
mentary school. Mary plans to  
further her education at the Chi-  
cago Ara Institute.

She stands 5' 2" tall and has  
blond hair and blue eyes. She  
will be escorted by Brother Dave  
Spencer.



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in a castle is fun.

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## MSM Will Offer Two New Degrees At Grad Center

Two new master's degree programs will be offered next semester by MSM at the St. Louis Graduate Resident Center, Dr. Anton DeS. Brasunas, director, has announced.

The new program will lead to the M. S. in energy conversion engineering and the M. S. in propulsion and space engineering.

The new degree offerings are known as "area study" programs and several different departments at Rolla will cooperate in the support of these, Dr. Brasunas explained. At present, these programs will be offered only through the Graduate Resident Center. A number of courses which may be applied toward these degrees will be taught during the spring semester.

The added programs bring to four the number of graduate degrees offered through the Center. Master's degrees may presently be earned in metallurgical engineering and in engineering mechanics.

Nine courses will be offered at the Center during the spring semester, Dr. Brasunas said. Registration will be held January 27 and 28, with classes beginning February 1.

The Graduate Resident Center, which opened in September, is a joint effort of MSM and the Extension Division of the University of Missouri System.

Students wishing to enroll for the first time in any of the graduate courses must be accepted by the Admissions Office, MSM. Applications for admission may be secured from the University of Missouri Extension Division, 7520 Natural Bridge, St. Louis (telephone EVERgreen 3-7661); the University of Missouri Extension Center, 230 South Meramec, Clayton (telephone PARKview 6-1688), or the MSM Admissions Office.

### UPTOWN THEATRE MOVIES IN CINEMASCOPE Starts Thursday Feb. 4-9

Sunday Feature at  
12:45, 2:50, 4:55, 7:10, 9:20

Admission:  
Adults 75c — Children 35c  
**'Father Goose'**  
Cary Grant & Leslie Caron

Wed., Thurs., Fri., Sat.  
Feb. 10-13

Admission:  
Adults 75c — Children 35c  
**'Goodbye Charlie'**

Tony Curtis & Debbie Reynolds

### RITZ THEATRE MOVIES ON WIDE SCREEN Fri., Sat. Feb. 5-6

Saturday Continuous from 1 p. m.

**'The Wheeler Dealers'**  
James Garner & Lee Remick

Sun., Mon. Feb. 7-8

Sunday Continuous from 1 p. m.

**'Fate Is the Hunter'**  
Glenn Ford & Nancy Kwan

Tues., Wed. Feb. 9-10

Admission:  
Adults 50c — Children 25c

**'Shock Treatment'**  
Lauren Bacall & Stuart Whitman

## Arts Association Renews Slate for '65

Richard Schroeter was elected president of the Rolla Arts Association for the coming year at the second annual business meeting of the association on Thursday, Jan. 28, 1965. Other officers elected were: Mrs. James C. Maxwell, vice-president; Mrs. Dale Fuller, secretary; and Walter Werner, treasurer. The meeting was held in the Rolla Community Hall.

Prior to the election of officers, Harold Cleveland, the retiring president, expressed his appreciation for the valuable assistance given to him during the past year by the other outgoing officers, who were: Craig Blevins, vice-president; Charles A. Williams, treasurer; and Dale Fuller, secretary.

Based upon a proposal submitted by Mrs. James C. Maxwell, the members present voted to confer honorary memberships in the Rolla Arts Association to Dean and Mrs. Noel Hubbard.

Upon taking office, Mr. Schroeter stated that he envisioned the parent organization, the Rolla Arts Association, would become a source of information and education for its four divisions, which are visual arts, theater arts, literary arts, and musical arts.

The membership of the Rolla Arts Association is dedicated to the promulgation of the Arts in their several varieties and forms, and invites all persons who have an interest in the arts to become members. There are four classes of memberships in the association, which are: General, Division, Sustaining, and Honorary. The General Membership dues are \$2.00 per year. Membership may be arranged by contacting any of the officers or members.

## Engineers Club Sponsors Rolla Night in St. Louis

Dr. James G. Harris, chairman of the Department of Social Studies and professor of history at MSM, was the principal speaker for "Rolla Night" activities at the Engineers Club of St. Louis, 4359 Lindell Blvd., at 8 p. m. Thursday, Jan. 21.

Dr. Harris' topic was "What Do You Mean, Broadening: The Social Studies and Humanities."

Rolla Night at the Engineers Club is an annual affair where prospective students and their fathers from the St. Louis area meet with practicing engineers from the St. Louis area and faculty and alumni of the MSM about the engineering and science professions. Representatives from all campus departments and administrative offices will be present to answer questions concerning admission, scholarships, costs, etc.

Dr. Harris joined the MSM faculty last September as chair-

man of the Department of Social Studies, which was formed in the expansion and reorganization of the former Department of Humanities and Social Studies.

Dr. Harris came to the Rolla campus from Southeast Missouri State College, where he was professor of history. A native of Webster Groves, he received his B. A. degree from Westminster College, Fulton, and received his M. A. and Ph.D. from the University of Missouri.

Dr. Harris was a member of the faculty at the University of Missouri from 1946 to 1949 and of St. Cloud State College, Minn., from 1949 to 1962 when he went to Southeast Missouri State. In addition to his teaching activities, Dr. Harris has written and published a number of papers in connection with his work in legal history. He is listed in Who's Who in American Education.

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Robert Anderson  
A.B., Univ. of So. Carolina  
M.B.A., Stanford University

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Since Bob came to us in July, 1963, he's been actively involved in five important areas of the Company. As a member of our finance staff, he has reviewed budget and cost programs of a division marketing cars, another manufacturing tractors and subsidiaries engaged in automobile financing and insurance. In addition, Bob was selected to assist in the 1964 national labor-management negotiations. His present assignment is as a staff budget analyst for product engineering and styling. Because of experiences like these, Bob will be able to channel his career toward the activity that interests him most.

As a large automobile concern, Ford Motor Company needs people who can handle a wide variety of assignments. Our college graduates come to us with all types of educational backgrounds. And many of them move into management positions unrelated to their degrees. If a fast-moving career appeals to you, see our representative when he visits your campus. He may have the spice for your future.

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## Students Strike Out in Bowling Tournament

On December 5-6-12-13 the Second Annual Bill Mueller Bowling Tournament was held at Colonial Lanes and A. B. C. Lanes with 135 MSM students participating. Scores were high and the bowlers were anxious to win one of the twenty trophies donated to the tournament by Mr. Bill Mueller of the Mueller Distributing Company. Three games were rolled in each house by each entrant and the results were as follows:

### Colonial Lanes

High Single—Bill Polka	242
High Three—Bill Punson	613

### A. B. C. Lanes

High Single—C. Jozwiak	227
High Three—Jim Seward	607

### High Six With Handicap (League Bowlers)

L. Schoeneck	1328
R. H. Greifzu	1300
H. Stein	1299
G. Cook	1295
W. Schroer	1293

### High Six With Handicap (Non-League Bowlers)

L. Hall	1258
M. Perry	1241
H. Bell	1239
J. Dierker	1215
R. Hoelting	1206

### High Six Games Scratch

F. Ferguson	1232
R. Warren	1154
D. Rathbun	1129
S. Buck	1115
G. VanHorne	1112

A banquet was held on December 13th at the Lions Club Den for all the bowlers and the trophies were presented to the winners. The Fifty-Niners Club won the plaque awarded to the organization with the largest member entry in the tournament. The principal

speaker of the banquet was Ron Hunt, National League All-Star Second Baseman with the New York Mets. Hunt, the Mets' Most Valuable Player in the two seasons he has been with them, batted .303 last summer after a .272 mark in 1963, when he was runner-up to Cincinnati's Pete Rose for "Rookie of the Year" honors. Ron Hunt is a resident of Overland, Missouri (a suburb of St. Louis) and appeared through the courtesy of Falstaff Brewing Corporation of St. Louis and the Mueller Distributing Company of Rolla.

Several gifts were presented at the banquet, one being a sterling silver beer mug which was presented to Mr. Bill Mueller from the entrants in his second annual tourney and a lettered bowling bag was presented to Phil Jozwiak of the Fifty-Niners Club by Bill Mueller for his work as Tournament Secretary.

Two bowling balls were given



Second Annual Bill Mueller Bowling Tournament winners, pictured left to right. Front row: Bill Punshon, Jim Seward, John Ebeling, Lew Backer, Dennis Meyers. Second row: Sam Buck, Don Rathbun, Ron Warren, T. Ferguson, G. VanHorne, Larry Schoeneck, R. H. Greifzu. Third row: Will Schroer, Howard Stine, Gary Cook, Michael Perry, Harvey Bell, Bob Darr for John Dirker, Ron Hoelting, Chip Zozwiak.

away as attendance prizes from Colonial Lanes and A. B. C. Lanes and these prizes were won by Lew Backer and Denny Meyers.

The banquet was followed by a

"bust" with liquid refreshments donated by Mueller Distributing Company. All in all, it was a very successful tournament, capably run with high scores, and

followed by a very entertaining banquet, with thanks going to a very sports-minded gentleman, Mr. Bill Mueller.

### ELECTRONIC ENGINEERS—MATHEMATICIANS. ALL DEGREE LEVELS

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**SYSTEMS SIMULATION STUDIES**—Utilization of modern digital and analog computers to predict the feasibility of engineering ideas and innovations.

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Representatives of the National Security Agency will be conducting interviews on campus on:

**FEBRUARY 22**

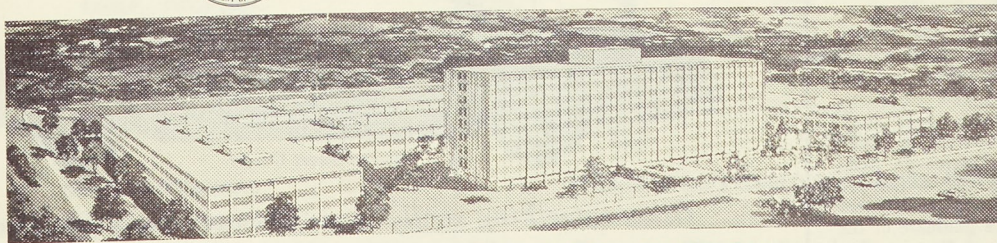
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## Dr. Derge Accepts MSM Appointment

Dr. Gerhard Derge, professor of metallurgical engineering at Carnegie Institute of Technology, has accepted the position of St. Joseph Lead Company Visiting Professor of Extractive Metallurgy at the University of Missouri at Rolla, Dr. H. W. Weart, chairman of the department, has announced.

Dr. Derge will be on the Rolla campus for about six months, beginning with the spring semester late in January. He will work in the expanding extractive metallurgy program of the department, teaching classes during the regular semester period, and concentrating on research during the summer months.

Dr. Derge's appointment was made possible by a grant from the St. Joseph Lead Company in support of the visiting professorship, Dr. Weart said.

Dr. Derge, who is Jones and Laughlin Professor of Metallurgical Engineering at Carnegie Institute of Technology, is also editor of "Transactions" of the Metallurgical Society of the American Institute of Mining, Metallurgical and Petroleum Engineers.

Dr. Derge joined the staff of the Carnegie Institute of Technology in 1934 in the Metals Research Laboratory. Since 1939 he has been on the faculty of the department of metallurgical engineering. He received his A. B. at Amherst College and his Ph.D. from Princeton University.



## IEEE Praises Nau for Outstanding Leadership

Robert H. Nau, Professor of Electrical Engineering at MSM has been honored with the grade of FELLOW by the Board of Directors of the Institute of Electrical and Electronic Engineers. "The grade of Fellow is the highest in the 150,000 member IEEE and is awarded by invitation only. It is a hallmark of unusual distinction and is conferred only upon persons of outstanding and extraordinary qualifications in their particular fields. Reflecting the international membership of the IEEE, the 1965 Fellows come from Canada, Germany, India, Japan, The Netherlands, and Switzerland, as well as the United States." The newly elected Fellows and their citations appear in the January issue of the IEEE *Spectrum*, which is the official monthly publication.

Professor Nau's citation is "For Contributions to Engineering Education." "Recognition of the awards will be made by the President of IEEE at the annual banquet, March 24, during IEEE International Convention in New York City at the New York Hilton Hotel. Presentation of the Fellow award certificate will be made locally by the IEEE Section to which each Fellow belongs." Professor Robert Nau and William J. Roa, Jr., head electrical engineer of Sverdrup and Parcel and Associates, Inc., are the only men from the St. Louis Section, comprising 82 Missouri and Illinois counties, to be so honored in 1965. The presentation of these certificates will be made at the Past Chairmen's meeting in April, as announced by R. J. W. Koopman, Chairman of Committee on Fellows.

Professor Emeritus I. H. Lovett who for many years was the Head of the Electrical Engineering Dept. of MSM was elected a Fellow of the American Institute of Electrical Engineers in 1949. He and Professor Nau are the only two Fellows at MSM and environs.

Mr. Nau has been Professor of Electrical Engineering at MSM

## St. Louis Society Gives Bosch Award

Dr. Wouter Bosch, professor of chemistry and graduate director of the University of Missouri at Rolla, has received the 1964 Service Award from the St. Louis Coating Society.

The award, which is made annually, was given at a meeting of the Society in St. Louis.

The citation reads as follows: "For outstanding contributions to the technology and art of protective coating in the specific field of education."

Dr. Bosch was principal speaker at the meeting. His subject was "Where Have We Been?"

Dr. Bosch joined the faculty in 1958. He has had extensive industrial paint experience and has taught academic and extra-curricular paint courses since 1947. Dr. Bosch is director of widely known short courses on paint and polymer chemistry which are held annually during the summer at MSM. He is a graduate of the State University of Utrecht, The Netherlands, and the University of Minnesota.

for eight years. During this period Ronald Press published two of his textbooks, (1) *Basic Electrical Engineering* and (2) *Alternating Currents and Network Analysis*. They are widely used throughout the USA. Also, during this period at MSM he has published a number of technical articles and has delivered technical papers before learned societies. In



PROF. ROBERT H. NAU

all, Professor Nau has upward of 50 published technical papers.

Biographies of Professor Nau appear in (1) *Who's Who in Engineering*, (2) *American Men of Science*, (3) *Who's Who in American Education*, (4) *Who's Who in the Midwest*, (5) *Who's Who in the West*.

## Eta Kappa Nu Initiation

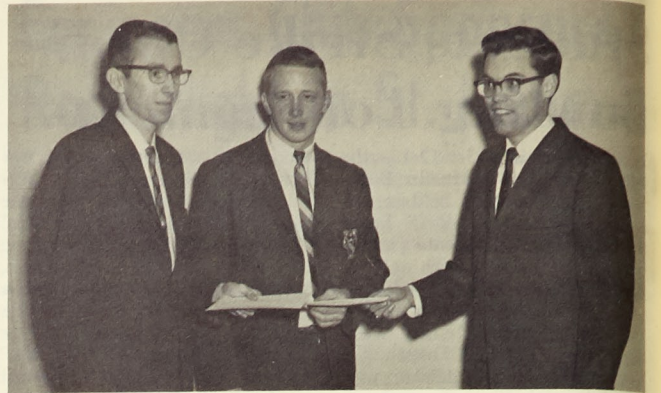
(Continued From Page 1)

R. Borgman, Kenneth W. Bowles, James M. Carter, James D. Compton, Robert F. Cordes, Eddie L. Crews, Douglas W. Dreisewerd, Frank S. Greening, Roger Hudson, Robert L. Kettelkamp, Ralph H. Kramar, David W. Lochner, Glenn A. Lytle, Jr., J. Thomas McMahan, Edward S. Muehl, Nicola Ann Nelson, Robert A. Parks, Richard R. Paul, James B. Peterson, Gary D. Rueter, Robert S. Enell, William J. Surdakowski, Clyde A. Vandivort, and Donald E. Watke. Davy Teh-Wei Yang, although elected to membership, was unable to attend the banquet and initiation, and was consequently initiated in a special ceremony on Saturday, January 16.

Initiated as a professional member of the society because of his outstanding contributions to the field of electrical engineering was Dr. R. S. Carson, presently a faculty member of the EE department here at MSM.

Seated at the head table during the banquet, immediately following the initiation ceremonies, were Donald E. Spirk, president of Gamma-Theta Chapter of Eta Kappa Nu; Prof. George McPherson, Faculty Advisor of the chapter; Dr. and Mrs. Roger E. Nolte, EE Department Chairman; and Mr. and Mrs. Mel Carnahan.

Mr. Carnahan, speaker for the evening, is the Phelps County Representative to the Missouri



Donald Spirk, president of the Gamma Theta Chapter of Eta Kappa Nu Honorary Fraternity at MSM, presents scholarship checks to Gary Brunner and Donald Watke. Left to right, Donald Watke, Gary Brunner, and Donald Spirk.

General Assembly. He has been very active in national, state, and local affairs. He gave a very interesting and informative talk on "Responsibilities of the Educated Man."

One of the high-points of the evening was the awarding of the first two of the newly established Eta Kappa Nu Scholarships.

The recipients for the fall semester were Gary D. Brunner and Donald E. Watke.

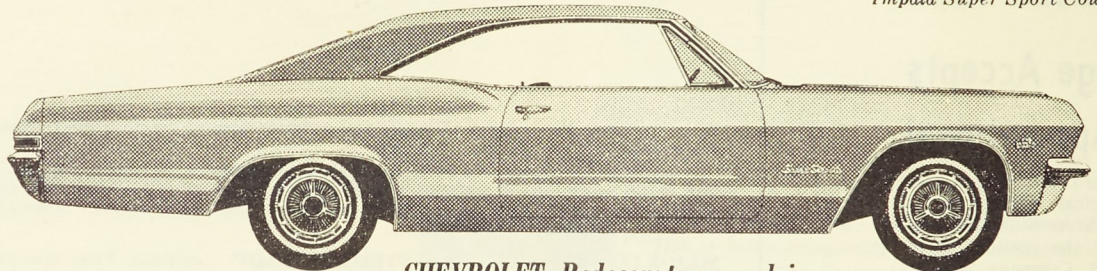
Gary Brunner is a senior from Springfield, Missouri. He has 127 hours and 428 grade points, for a cumulative average of 3.37. He is active in several other organizations, and has received several other awards.

Don Watke is a junior from Kansas City, Missouri. He has 94 hours and 350 grade points, for a cumulative average of 3.72. He is active in several other organizations, and has received several other awards. Don was also selected to receive the Outstanding Eta Kappa Nu Pledge Award.

At the final Eta Kappa Nu meeting of the semester, held January 14, elections were held for new officers. Replacing Don Spirk as president of the Gamma-Theta Chapter, is James D. Spencer, who served as treasurer during the fall semester. Other officers elected were: David E. Bergt, vice-president; Donald E. Watke, corresponding secretary; Gary D. Rueter, recording secretary; Maurice E. Brubaker, treasurer; Ralph H. Kramer, bridge correspondent; and Dennis R. Best, lab insurance chairman.

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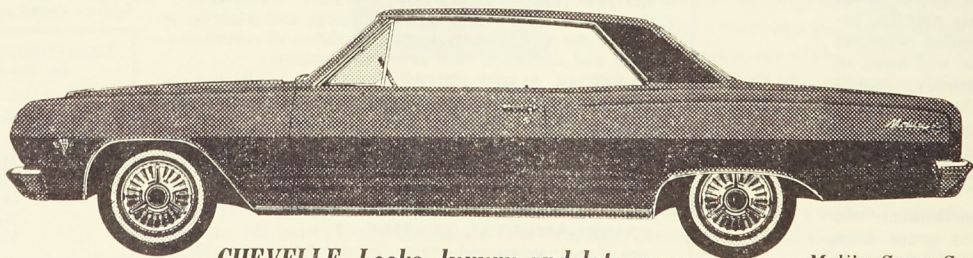
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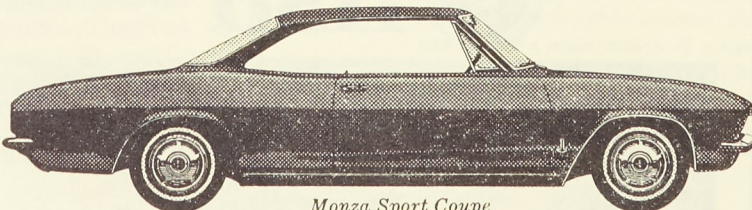


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# MINER SPORTS

FRIDAY, FEBRUARY 5, 1965

THE MISSOURI MINER

PAGE 9

## CMS Mules Edge by Miners, 78-71; Free Throws Result in Fifth Win

By Harv Becker

The Miners took a trip to Warrensburg on Tuesday, January 12, and came back a disappointed, but not out-fought team. CMS charged ahead for a 46-30 half-time lead, but the Miners came charging back and had the gap narrowed down to 7 when the final gun went off. The final score was 78-71.

Jim Good was the big gun for the Miners with 17 points and 8 rebounds. Freshman Len Borneman led the Miners in rebounds with 9. MSM was greatly hindered by foul trouble, as Marty Howard fouled out with only 2 points to his credit.

Bill Pollock took game honors with 23 points. Freshman Calvin Pettit, the all-stater from Springfield, Illinois, led in rebounds with 12. Coach Joe Hall's Mules showed definite rebounding strength, pulling down 53 to MSM's 36, which proved to be one of the main factors in their winning effort.

There is a rematch scheduled for February 15, in which the Miners will be out to revenge this

Zurkammer led all scorers with 38 points, on 14 field goals and 10 gift shots.

The Miners led at halftime 45-42 and kept up that same pace until the very end. MSM and MacMurray both had 33 field

goals, so the difference was in free throws. The men from Rolla shot 50% from the field and 72% from the charity stripe, while the Highlanders shot 45% from the field and 75% from the free throw line.

### MISSOURI MINERS (87)

Name	FG	FT	F	Tp's
Good	5	6	2	16
Howard	7	3	4	17
Head	4	1	2	9
Cairns	4	1	1	9
Farber	8	7	0	23
Vessell	4	3	3	11
Borneman	1	0	1	2
Totals	33	21	13	87

### MacMURRAY COLLEGE (81)

Name	FG	FT	F	Tp's
Beard	3	0	5	6
Zurkammer	14	10	1	38
Lewis	0	0	3	0
Hundley	9	4	4	22
Hargrave	6	0	0	12
Matheny	1	0	1	2
Bucher	0	1	2	1
Totals	33	15	19	81



Tense moments capture attention of Miner fans.

## Norm Nuss Anchor Man In Win Over Billikens

By Joe Stahl

On January 16 the Miners came swimming home with a victory over St. Louis Billikens. The Miners jumped out in front by winning the 400 yd. Medley Relay. Coach Van Nostrand's team came on strong in the 200 yd. Freestyle with a second for John Rydberg and a third for Blaine Rhoades. The team continued with Tom Jones taking first and Jim Goessling taking third in the 50-60 Individual Medley. Then Norm Nuss came through with a first in the 160-200 Individual Medley.

At this time the score was 22 for MSM and 12 for the Billikens. In the Living Reg Nations took second and Colin Cuneo took third. Kent Horner then took first in the 200 yd. Butterfly. The score was 31 to 21 in favor of MSM. But the Billikens suddenly came to life. Tom Jones took

second in the 100 yd. Freestyle but now the lead was only 7 points. The Miners regained 1 point on Kent Krueger's first in



NORMAN NUSS

the 200 yd. Backstroke, and the lead was 8. But the margin became only 1 point when John Rydberg came in third in the 500 yd. Freestyle, the Billikens taking first and second. Then the Billikens (Continued on Page 10)

### ONE WIN, FIVE LOSSES

## Vacation Losses Black-out MSM Conference Chances

The completion of final exams meant vacation time for most students at the University of Missouri at Rolla. Among those in the exception were the members of the MSM varsity basketball squad, who made three road trips while the remainder of the student body recovered from an arduous semester. Three straight MIAA conference losses set the Miners' league mark at one win and five defeats, with four remaining conference duels.

only other Bearcat in double figures (10 points). Peterson totaled 8 points.

Jim Good hit 4 field goals and 9 free tosses to total 17 for the Miner high. Good was followed by Marty Howard with 14, and Ralph Farber with 12 points.

The Miners were out-rebounded by Maryville 45-21, with Howard collecting 9 for MSM.

### Bulldogs 82, MSM 64

It was a sadder story against the Northeast Missouri Bulldogs on January 25. Kirksville downed the visiting Miners 82-64 in a contest which found the northern Missouri team in the lead most of the game. Coach Key's men were out-scored from the field 34-22, however the Silver and Gold hit 20 out of 30 from the free throw line to overshadow the Bulldogs' 14 in this category.

Rich Cairns led the Miner attack with 15 points, and Farber was not far behind with 14. John Head scored 13.

McMillan received high point honors for the evening, having scored 26 points in 10 field goals and 6 free throws. Clinton totaled 15 points, and Magee had 14.

Coach Charles Parsley's SEMO Indians overran the Miners 97-62 in a game played last Saturday night at Cape Girardeau. The Indians led all the way, enjoying a 30-point halftime lead (52-22).

Three Miners were in double scoring figures, Ron Huegerich leading the way with 13. Howard and Good each totaled 11 points.

Becher scored 26 for the high of the game, and he was followed by Meystedt with 17. Gross hit 13, and Drexler had 11 points.

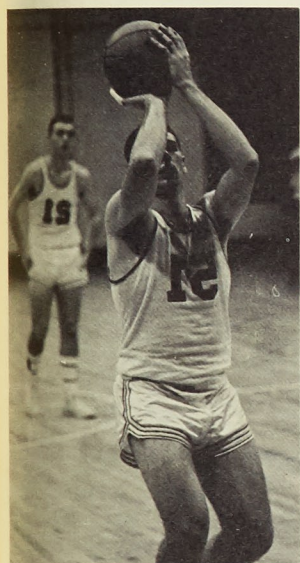
### Shooting Percentage Drops

"We have been a basically good shooting ball club all season," comments Coach Key, suggesting that being the reason for the limited success up until finals. "After the first eleven games, we were hitting approximately 47% from the field, however, since the past three, we have dropped to about (Continued on Page 10)

### Free Throws Decide Games

Both teams scored the same number of field goals (27), and the big difference came at the free throw line. The Miners hit 10 out of 21 from the goal line, while Maryville scored 12 out of 20 attempted.

Remund was the high point man of the game and Woods was the



Jim Good, scoring an average of 12 ppg, tries for another.

defeat.

Saturday, January 16, Coach Billy Key and his crew treated a home crowd to an 87-81 victory over MacMurray College.

Ralph Farber was the high point man for MSM with 23 points. Marty Howard played a fine game, ending up with 17 points and 15 rebounds.

### PROF. NAU

(Continued From Page 8)

silon, Eta Kappa Nu, Phi Kappa Phi, Sigma Tau, Kappa Mu Epsilon, all of which are national honorary societies. He also belongs to the American Society for Engineering Education, American Association of University Professors, National Society of Professional Engineers, Missouri Society of Professional Engineers. He was a senior member of IRE and AIEE for years until they merged into the Institute of Electrical and Electronic Engineers (IEEE) wherein he has been a senior member.

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## MIAA REPORT

## Farber Top Scorer in MIAA, MSM Ranks Fourth

Missouri Miner veteran Ralph Farber heads the list of leading scorers of the Missouri Intercollegiate Athletic Association according to a report released by Conference Commissioner Roy Brown last week. Farber is averaging 19.4 points per game as of January 23, having played in 11 games so far this season. The MSM letterman has scored 84 field goals and 46 free throws for 214 total points, with the season just about half completed.

Miner freshman Rich Cairns is seventh with his total of 184 points for 11 games. This averages out to be 16.7 ppg. Cairns has 75 field goals and 14 free throws.

Cozel Walker, the 6-foot-5 forward from Central Missouri State (currently the top league team), is second on the list of high scorers, having totaled 274 points in 15 games for an 18.3 average. Mike Gross of the Cape Girardeau Indians holds the third spot with an average of 18.1.

Walker is the top man in field goals alone. The star-Mule has scored 115 shots from the field in 15 games, but Wayne Clinton is not far behind with 92 completed in 13 games. Cairns and Farber are seventh and eighth, respectively, in these totals.

In the charity toss column, Gross leads the pack with 76 free throws in 14 games. Dan Bolden is second with 62, and Calvin Pettit of Central Missouri has 61. Farber is eighth in this list.

The Miners are definitely lacking in rebounding power as shown by the absence of an MSM man in the list of top ten rebounders. Floyd McMillan, Kirksville's 6-foot-8 center is way out in front with 227 rebounds in 13 games. Pettit is next with 181 in 15 games, and Bolden of SMS is third with 164 in 13 contests.

Overall standings show Central Missouri State in first, undefeated in conference play. The Mules

have a 13-3 season mark. Southeast Missouri is second totaling 4-1, and Southwest Missouri is third with a 1-2 season MIAA record so far. Kirksville and the Miners are tied for fourth with 1-3 marks, and Maryville is last with one win and four losses. These totals are previous to last week's games.

## Sports Calendar

### VARSITY BASKETBALL

February 6 ..... MacMurray College, at Jacksonville  
February 8 ..... Kirksville, at MSM (MIAA)

### VARSITY SWIMMING

February 6 ..... Springfield, at MSM  
February 9 ..... Westminster, at MSM  
February 12 ..... Indiana State, at MSM

### INTRAMURAL SPORTS

February 24-25 ..... Physical for Intramural Wrestling

### VACATION LOSSES BLACK-OUT CHANCES

(Continued From Page 9)

33%." Study for final exams could have had some effect upon the team's readiness.

Coach Key pointed out that the Miners have finished the MIAA schedule on the road, and the four remaining conference games will be at Jackling Gym. With the title contention becoming tighter, victories over the right squads could very well affect the outcome of the league race.

Four men have been lost through ineligibility (Vessel, Brown, Cassidy, and Mitchel), and the big question is whether these losses will decrease the chances for MSM victory.

### MISSOURI MINERS (64)

Name	FG	FT	F	Tp's
Good	4	9	3	17
Howard	7	0	4	14
Head	2	0	4	4
Cairns	4	0	0	8
Farber	6	0	2	12
Borneman	1	1	2	3
Cassidy	3	0	0	6
Totals	27	10	15	64

### MARYVILLE (66)

Name	FG	FT	F	Tp's
Pierce	3	0	0	6
Yeager	1	3	1	5
Marek	3	1	0	7
Remund	9	4	5	22
Woods	5	0	2	10
Dawson	2	0	0	4
Peterson	2	4	1	8
Hansen	2	0	2	4
Totals	27	12	13	66

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## Sig Tau Gamma Takes 'Mural Handball Crown

Sigma Tau Gamma captured the the intramural handball team championship trophy in play ending just prior to finals, with the Shamrock Club taking second place, and Lambda Chi Alpha third. The champions received 84 intramural points, and the runners-up were awarded 81.

Singles champion in the competition, which had been continuing since November, was Weeks of the Army Association. Link of Sig Tau's group was the runner-up in singles.

The doubles team of Graham-Leone was given top honors in that division, while the duet of Greek-Zimmer came in second in doubles.

Last year's results put the Tech Club in the first place position, and Sigma Tau and the Prospectors for the team runner-up position. Gasparovic was the singles champion for Tech Club and the Team of Couse-Wargo took the doubles for the same organization.

Results of the intramural basketball playoffs held this week will be announced in the next issue of the Miner.