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1976 JUNE

alumni news

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An Ed Haislet Retirement Party

Loyalty and dedication toasted at June 10 Testimonial

The warmth and generosity that Edwin L. Haislet, retiring executive director of the Minnesota Alumni Association, has generated during his 28 years of service to the Association and more than 40 years of dedicated efforts in behalf of the University of Minnesota, was reciprocated by the more than 500 individuals who came out to honor him the evening of June 10 at the 72nd Annual Meeting of the Association.

The usual format of the Association's Annual Meetings which Ed Haislet had guided in 26 previous years was set aside in order to present a good-natured toast, roast and boast to the man whose name has become synonymous with the Association.

Joining Ed and his wife Mary Margaret at the head table in the banquet halls of the Radisson South Hotel were University president C. Peter Magrath and his wife Sandra, former University vice president Stanley J. Wenberg and his wife Marian, outgoing Minnesota Alumni Association president Wally Salovich and his wife Ann, and newly-elected Association president Tom Swain and his wife Arlene.

Magrath lauds continuous dedication

Speaking for the University of Minnesota, Dr. Magrath saluted Ed's long period of service to the Association and the University. He said that in academia, with the current mobility of faculty and staff, it is rare to find an individual who has devoted his entire career to one university he has wanted to serve.

"Yet Ed Haislet's contributions and dedication to the University of Minnesota stand over 40 years, with much of that encompassing a long period of service to alumni.

"It is unusual to find a person who commits so much of his professional and personal life to one institution," Magrath said. "Ed has made this commitment and has done his job not because it was his job, but because he wanted to do it and because of his total and complete dedication to the University."

The president acknowledged the strong personality that sparks Ed's reputation, but said that such a personality is necessary to a strong commitment to job, quality public education and to the fortunes and best interests of the many tens and thousands of alumni he has served with deep concern.

"I am aware of the importance of alumni support, in all its dimensions," Magrath said. "I am also aware that we would not have a strong Alumni Association without Ed Haislet. For his dedication the University is sincerely grateful."

A good-humored look backwards . . .

Stan Wenberg, retired vice president who was Ed's former boss, acted as emcee for a good-humored look back over Haislet's life, through a script by *Minneapolis Tribune* editor Irv Letofsky, and slides and motion picture clips arranged by David Speer, an Association board member and partner in Padilla & Speer, Minneapolis.

The program followed Ed from the time of



THE LAST OF FOUR UNIVERSITY PRESIDENTS Haislet has served under, he and C. Peter Magrath, though they have known each other but a few months, have built an enduring friendship.

his birth in 1908 in Utica, Montana, when he was named for the Republican governor of that state, through his youth to attendance at the University of Minnesota, his marriage to Mary Margaret and the birth of his son and daughter, his World War II service in the U.S. Navy and back to the University of Minnesota, and his subsequent involvement with that institution and the youth, recreational and athletic activities of the communities that surround it.

Ed received his bachelor's degree from Minnesota in 1931 and returned to the campus two years later after he had earned a master's in education from New York University. When he returned he was named an assistant director of intramurals and a boxing coach.

In the years ahead, Ed received an EdD from NYU and would serve the University as an instructor and later assistant professor and director of the Recreation Training division in the College of Education, and as an associate professor and director of the Recreation program, until he became a professor and director of the Minnesota Alumni Association in 1948.

Also known for his work throughout the state with youth and recreation, Ed served Governor Luther Youngdahl as director of the Division of Prevention of Minnesota's Youth Conservation Commission, organized the commission's Community Service program and was executive secretary of the first Governor's State Conference on Youth and of the Governor's Advisory committee on Recreation.

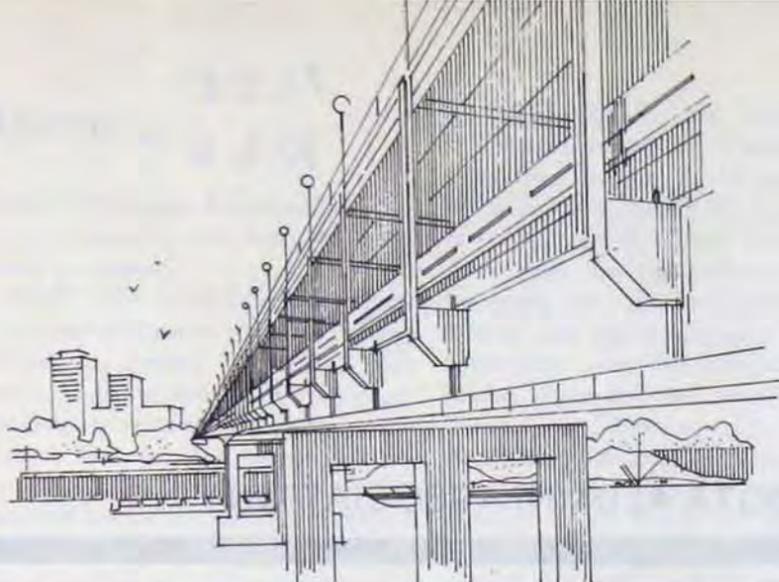
He served a six-year term on the Minneapolis Board of Park Commissioners, was a member of the Minneapolis Planning Commission, known for having organized and managed numerous Golden Glove tournaments in the Twin Cities and for his work with the National American Athletic Union.

As executive director of the Minnesota

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ED AND HIS FAMILY posed for the camera on Testimonial night. From the left, daughter-in-law Barbara Haislet, Ed, his wife Mary Margaret, daughter Marcia Swanson, son Dr. Charles Haislet, and son-in-law Al Swanson.



The University's Washington Avenue bridge spans the Mississippi to connect the East and West Banks



alumni news

UNIVERSITY OF MINNESOTA

VOLUME 75

NUMBER 10

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editorial

POINTS OF VIEW

Ed Hansen



HAIL AND FAREWELL

When I became Alumni Secretary in 1948 I knew very little about the *University*, generally speaking. I knew it was a good state university, that if it hadn't been close by, I would never have had a chance to go to college. I had a lot to learn, even though I had been on the University faculty for 15 years before becoming Alumni Secretary. What I knew of the University was from the perspective of a faculty member in the Department of Physical Education and Athletics which interacted with the College of Education. As head of the Department of Recreation Training, I knew faculty from other colleges and disciplines, especially those in Liberal Arts and General College. My responsibilities were teaching, curriculum development and research in a single discipline. As Alumni Secretary, I had to acquaint myself with the *whole* University, the Regents and their policy, the University administration, the colleges, departments and units. As I started to learn, I found that the University was indeed a very distinguished university, one of which to be proud, and so I resolved to tell our alumni about the University so they, too, could be proud.

I had to get to *know Minnesota alumni*, too. I knew very little about them in 1948 — who they were, where they lived or what they did. I learned about them in many ways — through correspondence, through visiting alumni in the state, throughout the nation and in some foreign lands; through the appointment of alumni to boards and committees; through constituent groups and alumni chapters; through class reunions and other alumni functions; through the alumni tours, the Alumni Club and athletic events. In 1957 we started our Migration Studies and in this way found out where Minnesota alumni lived and in what numbers. About that time we also started our reader surveys in the ALUMNI NEWS, once each year, asking alumni about many things — the University, the Alumni Association, about how alumni spent their money, about their politics, hobbies and interests — and then each year we published a story on the Affluent Alumnus.

In all these ways I did get to know Minnesota alumni — actually, I met thousands of alumni and made many lasting friendships.

I'm sure, from the many communications you receive from the Alumni Office, that you feel you know me, too. The Alumni Office is the one continuing contact for every graduate with the University. Alumni do contact us for every conceivable kind of information and help, and we do our best to be helpful.

I have learned that Minnesota alumni are interested and concerned about their University, and all things being equal, they are willing to help. Most alumni are proud of their University, for a variety of personal and professional reasons. Whatever your reasons for loyalty might be, whenever I have asked you, as Minnesota alumni, to serve on the Board and committees, with MAA constituent groups and chapters, or at reunions, to organize and reorganize alumni groups and chapters, to develop programs, or to give money to the Freshman Scholarship and Class Funds — I can truthfully say that you have never let me down. You helped, not because I asked, but because you are so proud of your University and want to support it.

So as we became acquainted, you gained my respect, affection and love.

The more I got to know Minnesota alumni, I found an increased and continuous record of high achievement, distinguished service and devoted careers in almost every branch of human endeavor. I started then to realize that you, the alumni, are the University. Where you go, the University goes with you; wherever you are at work, the University is at work. In the final analysis, the greatness of the University depends on the caliber of its graduates, who they are, what they do, what they represent in the social, civic, religious and business life of the community in which they live. *They determine* what the University means in their communities, in their states — and in the nation.

In my 27 years as your alumni leader, I learned great respect, love and affection for the University and for Minnesota alumni everywhere.



FAMED BALLOONIST, NASA-CONSULTANT and clergywoman, Dr. Jeannette Piccard, who has also served on the Association's board, had warm greetings for Haislet.

Alumni Association, his programs and activities have touched alumni throughout the state, the nation and the world.

In closing the Testimonial portion of the Annual Meeting program, Wenberg said that he treasures Ed's friendship and that he has never known anyone more dedicated to the University of Minnesota and its educational efforts.

There were special presentations, too

Among those attending the Annual Meeting to make special presentations to the retiring executive director, was Arlie Mucks, Jr.,

executive director of the Wisconsin Alumni Association, who brought a boxful of surprises from the Big Ten Alumni Directors. That box held Woody Hayes' baseball cap from Ohio State University and a large piece of cheese from the University of Wisconsin, to name a few.

William Sears, representing out-of-state chapters and the Dayton, Ohio chapter in particular, presented Ed with a replica of the plane flown by the Wright brothers in Ohio, considered the home of American aviation. Sears, who lives in Springfield, is an at-large member of the Association's board.

Joseph Flaig, an at-large Association board member from Los Angeles, Calif., presented Ed with a check establishing the Edwin L. Haislet Alumni Scholarship Fund for Freshmen at the University of Minnesota Foundation, and a special citation from the Flaig Foundation, proclaiming Ed its first Outstanding American Awardee.

On behalf of the University's Athletic department, Salovich awarded Ed a special plaque citing his outstanding dedication and contributions to the Department of Intercollegiate Athletics as a coach, participant and M man.

MORE THAN 500 University, Association and personal friends of Ed Haislet turned out to honor him at a Testimonial on June 10. Pictured in these photographs are, top left: Dr. M. Elizabeth Craig, Hopkins, Minn., newly-elected first vice president of the Minnesota Alumni Association, and Dr. Virgil J. P. Lundquist, a past president of the Association, who chatted with an unidentified guest; at the top right, Carl Woie, left, formerly of Chicago and a past board member and Alumni Service Award winner, and his wife Marion talked with former University Regent Richard Griggs of Duluth; bottom left, University Regent Lauris D. Krenik, left, Madison Lake, Minn., and John Imholte, provost of the University of Minnesota Morris campus; bottom right, Ronald L. Simon, left, Hopkins, Minn., newly-elected treasurer of the Association, and Jerry Freidell, Minneapolis, and Alumni Service Award winner and former Association board member, exchanged alumni memories.

And, finally, on behalf of the Minnesota Alumni Association, Salovich presented Ed with the keys and title to the car which the Association had leased for him for the past two years.

A response of reminiscence

In his response to the Testimonial and the outpouring of friendship from those present, Ed recalled some of the highlights of his 28 years as alumni director under four University presidents "who did what they had to do for the University at the right time."

He said that of the total of 36 individuals who had served as presidents of the Alumni Association, he had served under 28 and named the 13 present at his Testimonial. The first 50-year class he honored was the Class of 1899, the first 40-year class, that of 1909.

"My philosophy of alumni work comes

mainly from Lew Morrill," Ed said. "He told me to build a strong alumni board and to work closely with my executive committee. He told me that the strength of the alumni program would be in the kind of people on the alumni board."

Ed talked of the Big Ten Alumni Directors group and of how they had all learned from each other's successes and failures. "I could not have made it through these 28 years without them," he said.

He spoke of the many innovative programs he has built through the Association — the Alumni Freshman Scholarship program which he began in 1948; the constituent program, now comprised of 17 collegiate groups, which he initiated in 1954, and which yearly gives face-to-face contact with 2,500 individual alumni; the Alumni Club, first opened in 1963,

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HAIL AND FAREWELL

It is also true that the eminence of the *faculty* determines to a real degree the greatness of a University. I have nothing but admiration for the faculty of the University of Minnesota. They are dedicated far beyond the call of duty, fully devoted to their own disciplines, with excellence as their objective.

To my staff in the Alumni Office — and it has been a changing one in 27 years — with the present staff exceptional in length of service — they are all hard working, able and striving to be helpful — and all working together as a team. They, too, have my love and affection.

As I prepare to leave the University after 43 years, I want to reassure you that the University is in sure, safe hands. C. Peter Magrath is an outstanding person, sincere, honest, able, hard driving, with an ability to get things done that have to be done, when they should be done. President Magrath believes that alumni should help and should be involved in University affairs, and I know he can depend on your support and help.

It will be strange not to be writing a monthly editorial to you, which I first started in the 1949 February issue, but I will be thinking about you and the University always.

I leave with no regrets. Rather, I am grateful for the opportunity to serve a great University, the cause of higher education, and to work with a wonderful group of people who share with me their affection and concern for the University — the *Alumni* of the University of Minnesota.

To all of you, my very best, it has been a privilege to work with and for you in behalf of our great University.



UNTIL HIS RETIREMENT this year, Haislet has been the senior member of the Big Ten Alumni Directors Association. Here he is pictured with Arlie Mucks, Jr., right, director of the Wisconsin Alumni Association, and Wisconsin's associate director, Gayle Langer.

It was an evening filled with gifts, laughter and sadness . . .



AMONG THE MANY GIFTS Ed received during the Annual Meeting ceremonies were, from the left, the keys to the car that the Association had leased for him during the past two years, Woody Hayes' baseball cap from the Ohio State Alumni Association (notice the resemblance between Haislet and Hayes in the center photo), and a replica of the first airplane flown by the Wright Brothers, presented by the Dayton (Ohio) Alumni chapter, symbolic of the home of American aviation.

another artistically and financially successful year.

With the legacy of dedication and loyalty given the Association by its retiring executive director, the future cannot be anything but successful.

Earlier in the meeting the new slate of officers for 1976-77, as well as the executive committee, and nine new board members were approved by vote of the membership.

In addition to Swain, who is vice president

Nine alumni were also elected to four-year terms on the Association's board of directors. Among them are Henry W. Dornseif '49BBA, Minneapolis, corporate director and executive vice president of WCCO; William J. Hickey '47BBA, St. Paul, chairman of the board and president of the H. M. Smyth Company; Charles M. Osborne '75BBA, employed by the Minneapolis firm of Haskins & Sells; Kathryn Thiele Searight '51BSEd, Hopkins, assistant vice president for Red Owl; and John

R. Finnegan '48BA '65MA, St. Paul, executive editor of the *St. Paul Dispatch & Pioneer Press*.

Four new board members serving as regional directors are Walter W. Mode '43BBA, Natick, Mass., retired New England Regional Commissioner of the Social Security Administration; Esther Goehring '62BA, Dunedin, Fla., a retired teacher; Dr. David R. Bangsberg '62DDS, Portland, Ore., a practicing dentist; and David G. McGuire '44BMEtE, Menlo Park, Calif., a sales engineer with Maydwell & Hartzell.



ANNUAL MEETING ATTENDEES included, at the top left, Mrs. John Carroll, left, widow of a former Association president, Franklin Briese, a former Association treasurer and Outstanding Achievement Award winner, and Bert Lund, a newly-elected member of the Association's executive committee; top right, Charles Osborne, a 1975 graduate of the University and the youngest member of the Association's newly-elected board; bottom, Esther Goehring of Dunedin, Fla., one of four new Association regional directors and her guest, Doris Barnard.

and today the only club of its kind in the country to finance itself on membership alone; and the University of Minnesota Foundation which he helped to form with Stan Wenberg.

"I leave the Association and the University with no regrets," Ed said. "I am grateful for the opportunity to serve this great University and the cause of higher education, and to work with the wonderful groups of people who have shared with me their concern and affection for the University of Minnesota — you, its alumni!"

New officers, board members named

In closing the meeting, outgoing president Salovich introduced the newly-elected national president, Thomas H. Swain '42BBA, Stillwater, Minn., who cited Salovich for his achievements during his year as Association president and presented him with a special gift.

Swain noted that even though the Association is in a period of transition under a new University president and in the face of the retirement of its executive director, it has experienced a successful year. He said that the organization has never been in better financial condition, that its membership is up and growing, and that its new Alumni Club has had

of St. Paul Fire & Marine Insurance Company, St. Paul, the new officers are first vice president Dr. M. Elizabeth Craig '43BS '45MD, Hopkins, Minn., a pediatrician; second vice president Alan K. Ruvelson, Sr. '36BBA, St. Paul, president and director of the First Midwest Corporation; secretary The Honorable Diana Kuske Murphy '56BA '74JD, Minneapolis, Hennepin County Municipal Court judge; and treasurer Ronald L. Simon '54BA '57LLB, Hopkins, a partner in the law firm of Simon, Schneider & Marker, P.A. Salovich '50BBA '56MHA, Wayzata, Minn., the immediate past president, is a management consultant.

Other members of the executive committee elected to one-year terms are Beverly A. Kees '63BA, Minneapolis, assistant managing editor of the *Minneapolis Tribune*; Richard H. Kyle, Jr. '59BA '62LLB, White Bear Lake, Minn., an attorney with the firm of Briggs & Morgan; Bert O. Lund '42BBA, St. Paul, vice president and director of The Webb Company and publisher of *The Farmer*; Wendell L. Olson '48BBA, Bloomington, Minn., president and director of the Fourth Northwestern Bank of Minneapolis; and The Honorable Robert J. Sheran '39LLB, chief justice of the Minnesota Supreme Court.



Chicago chapter meets with Haislet, elects officers

Members of the Minnesota Alumni Association's Chicago chapter meet with executive director Ed Haislet at the Svithoid Club during a May 27th meeting.

Among the past presidents of the chapter attending were Marv Julian, Henry Dahlberg and Larry Wagner.

Haislet was the evening's featured speaker,

telling those gathered about various University presidents and his experiences with them, the greatness of the University, athletics and about C. Peter Magrath, the University's newest president.

Officers elected during the meeting included Robert J. Dolan, president; Edward Schumacher, vice president; Greg Pearson, treasurer; Sue Ann Schumacher, secretary; and directors Henry Dahlberg, Marvin Julian and Harold Rosenzweig.

Class of 1925 presents Moos portrait to University

A portrait of former University of Minnesota president Malcolm Moos, a gift to the University from the Class of 1925, was unveiled on April 21 during a special ceremony at the Alumni Club in downtown Minneapolis.

The painting by artist Barbara Brewer Peet which shows the former president standing, garbed in academic robes, was presented for the Class of 1925 by Louis Gross and Margaret H. Holliday.

The work will be hung in Northrop Auditorium "until such time as a building is named for you," quipped University Regent Lester Malkerson, in accepting the portrait for the University.

In a more serious vein, Malkerson recalled when Moos was asked to become the tenth president of the University and events that took place during his tenure:

"... I thought of the difficulties of the inauguration, I thought of the Morrill Hall takeover... I thought of the discussion of the 'Black Studies Curriculum'... I thought of the demands for a vice president for agriculture... I thought of the 'command post' in Johnston Hall... I thought of the ROTC... Then I thought of the meaningful discussions with the students, faculty, legislators, and others relative to the University, such as the Minnesota Foundation.

"I thought of the afternoon Senator Humphrey came over to the President's home after his defeat for the presidency of the United States, and we talked of how the senator could have a direct meaningful purpose in giving the students an opportunity to exchange ideas with a former vice president on how a democracy works.

"I recalled that our University was one of the few that did not close its doors in all the tumult.

"(The) many more events (I recalled) all added up to the commitment that Mac made that afternoon nine years ago in the hotel room (where he was asked to become the University's next president). I know of the heartaches Mac felt... I do attest, that Mac and Tracy gave their all to the University... they had only one allegiance — that was to the University.

"In behalf of the University, I proudly accept this portrait of the first president of the University who is one of its own."

Moos, who received his bachelor's degree in 1937 and his master's in 1938 from Minnesota, served as the University's president from 1967 until 1974.

During the unveiling ceremony, the former political scientist, Eisenhower speech-writer and think-tank administrator made some observations on his presidency and on America:

"... I too can ponder what judgments history will make on me and my seven years as president of the University of Minnesota. No one can say what he will be remembered for — only what he wants to be remembered for. And I think this occasion — the unveiling of a portrait that will stand long after all assembled are gone — is an appropriate time for me to share my private hopes about my public history.

Summer Arts Center open

Glassblowing, landscape painting, photography and theater arts are the subjects of five workshops that lead off the University's Summer Arts Study Center program that began June 14 in Hill City, Minn.

These five courses are part of a summer-long 39-course program that covers nearly every aspect of artistic expression.

University credit may be earned for coursework completed under the guidance of trained faculty from the University and other colleges.

Fees begin at \$65, not including food and lodging at Quadra Mountain Lodge.

Additional information may be obtained by contacting the Summer Arts Study Center, University of Minnesota, 1128 LaSalle Ave., Minneapolis, MN 55403, telephone 373-1925.

Wallace to chair Philosophy

John R. Wallace has been appointed chairman of the University's Philosophy department for a three-year term, from 1976-79.

A member of the Minnesota faculty since 1972, Wallace previously served on the faculties of Case Institute of Technology and Princeton and Rockefeller Universities.



"First, I should like to be remembered as a person committed to the rule of reason, who resisted, as best he could, the volcano of violence that erupted on our campuses and in our society in the last decade . . .

"Second, education faced great internal management problems as the era of affluence faded. The growth in higher education in the early 60's generated economies of scale that freed resources to make program expansion possible. But by the late 60's and early 70's, there was a leveling trend both in enrollment and in government support. 'Retrenchment and Reallocation' was the response at the University and the Carnegie Commission on Higher Education thought highly enough of our budget balancing procedures to suggest that other institutions follow suit.

"Third, the University made substantial

FORMER UNIVERSITY PRESIDENT Malcolm Moos, speaking at the University of Minnesota Alumni Club, following the unveiling of his portrait, a gift of the Class of 1925 to the University, said that he would like to be remembered as an educational leader who resisted violence and found ways out of financial difficulties that plagued universities in the late 60's and early 70's.

commitment to the advancement of women and minorities during my period as president. I think those efforts have had and will continue to have an impact far into the future. Indeed, President Magrath's successor at some distant point in time may well be a woman or a member of some minority group.

"Fourth, there is the matter of private support — the generous giving of many individuals who are here today. When I arrived in 1967, the University of Minnesota ranked 49th among all institutions in the country in private giving. During my last year in 1974 the University had vaulted into eighth place. . .

"Finally, I should like to be remembered as an educator who said that education must become involved in the affairs of the world, concerned with the needs of community, and committed to caring. This is a time to build bridges, not walls. Education can build the greatest and mightiest of bridges — the bond that grows among men and women who are committed to the pursuit of truth and the advancement of mankind through the advancement of learning. Truth has become a precious commodity because we have seen far too little of it in our public affairs. Education can and must work to redress the imbalance. . ."

Seven Minnesota graduates receive Outstanding Achievement Awards during a variety of spring ceremonies

Seven University of Minnesota graduates were the recipients of the University's highest honor for an alumnus or alumna — the Outstanding Achievement Award — during a variety of spring ceremonies on the Twin Cities campus.

Judge Gerald W. Heaney '41LLB, U.S. Court of Appeals judge for the Eighth Circuit in Duluth, Minn., received his award from Regent Erwin L. Goldfine at the June 11 Law School Commencement.

Heaney, a former member of the University Board of Regents and a supporter of the development of the University's Duluth campus, "had a fine career as a lawyer, but all through that time was willing to spend a good deal of time in public service both in the political arena, as well as in education and social service activities," according to former Regents' chairman Elmer L. Andersen.

Heaney was one of the principal organizers of the Northeastern Development Association, established to promote the growth and development of industry in the region.

A Democratic national committeeman from Minnesota for five years, he has authored two articles on labor relations law in the *Minnesota Law Review*.

Three alumni cited at College of Business Administration commencement

Three graduates of the College of Business Administration received Outstanding Achievement Awards at commencement exercises in the West Bank Auditorium on June 13. Those honored included Philip Harris '33BBA, chairman and chief executive officer of Northwestern National Bank of Minneapolis; Vera Likins '39 BBA, commissioner of the Minnesota Department of Public Welfare; and Eugene Spika '42BBA, Minnesota-area manager of the U.S. Civil Service Commission.

Harris was cited as a recognized expert in the banking community, a founder of the Minneapolis War Memorial Blood Bank and a "concerned citizen active in civic, charitable and cultural organizations."

Likins was honored for her performance as executive director of the Governor's Council on Executive Reorganization and as developer of the first statewide system for employee performance appraisal and as an "able administrator who has reorganized the welfare department."

Recognized for his work as regional manager of the civil service commission, Spika has been an "innovative leader in all aspects of public administration, a concerned humanitarian devoted to affirmative action and employment of the underprivileged and handicapped and an able administrator commended for developing vocational and educational programs for wounded personnel during World War II."

Colorado audiologist honored at Medical School commencement

Marion P. Downs '48BA, assistant professor of otolaryngology and director of clinical audiology at the University of Colorado Medical Center, received her Outstanding Achievement Award at the Medical School's June 4 graduation exercises.

A woman who has achieved eminence and distinction in her field, Mrs. Downs has a master's degree in audiology and speech pathology from the University of Denver and has directed the University of Colorado's clinical audiology program since 1959.

Actor receives OAA on Centennial Showboat

Television, stage and film actor Larry Gates '33-'38 received an Outstanding Achievement Award from University president C. Peter Magrath at the annual University Theatre recognition event on June 4 aboard the University's Centennial Showboat.

A St. Paul native, Gates was cited as a "distinguished alumnus . . . and dedicated actor with a long and successful career."

Two years ago he played the title role in the University Theatre production of "King Lear," the first play presented in the Whiting Theater of the Rarig Center.

A member of the Guthrie Theatre company for two years, Gates recently played the role of Dean Rusk in the award-winning television drama, "Missiles of October." His recent film credits include "Funny Lady" and "Airport." Next fall he is scheduled to appear in a Broadway play produced by Kermit Bloomgarden.

Former Veterinary Medicine faculty member cited

Dr. William R. Pritchard '53PhD, who served as associate professor and head of the division of clinical veterinary medicine at the University of Minnesota from 1953-57, received an Outstanding Achievement Award at the May 7 dedication of the first phase of the new Animal Sciences facility on the St. Paul campus.

Now dean of the School of Veterinary Medicine at the University of California, Davis, he served a three-year stint at the University of Wisconsin and on the faculties of the University of Florida and Iowa State before assuming his present responsibilities in 1962.

In addition to his DVM and PhD degrees, Pritchard, 51, holds a law degree from the University of Indiana.

Another Scandinavian Tour—See Page 16!

Class of 1936 celebrates its 40th!



More than 80 members of the Class of 1936 and their guests turned out for the 40th Anniversary reunion of the class on Monday, May 24, in the Alumni Club in downtown Minneapolis.

Chairwoman for the event was Gladys Sinclair Brooks, former Minneapolis Councilwoman and a University of Minnesota Outstanding Achievement Award winner.

Another OAA awardee, Glenn Seidel, served as master of ceremonies for the evening program which included James F. Brinkerhoff, University vice president for finance; Alan K. Ruvelson, Sr., current treasurer of the Minnesota Alumni Association, for the Class of 1936 Fund committee; a special newsreel film from 1936; and a panel of class members discussing "What Happens to Campus Rebels?"

Panel members included Chairwoman Brooks and Lee Loevinger, Washington, D.C. attorney who has also been an Outstanding Achievement Award recipient.

Former Minnesota senator Stanley Holmquist was the third OAA recipient present for the reunion. Alumni Service Award winner and former Minnesota Alumni Association president Wells Wright also attended.

Members of the Class of 1936 reunion included Maurice Adelsheim, Jane Wilson Allison, Warner Blake, Angelo Cohn, Linn J. Firestone, Earl Hacking, Sarah Field Hacking, Terrance Harnold, Ruth Evarts Hanold, Vance Jewson, Howard Mithun, P. Kenneth Peterson, Orem O. Robbins, Alan K. Ruvelson, William Schoell, Glenn Seidel, Frederick W. Thomas and Wells J. Wright.

THEIR SOCIAL HOUR WAS FILLED WITH MEMORIES, as members of the Class of 1936 and their guests reminisced into the late evening hours. Pictured at the top left, a scene from the social hour; bottom left, Marvin W. Formo (Chem/Eng), Edina, Mildred Engdahl Hermanson (Ed), Minneapolis, Faith Anderson McPeak (IT), Midland, Mich., Douglas Kraft (Bus), Atlanta, Ga., and Florence Formo; in the center, two classmates chat into the twilight hours at the Alumni Club atop the IDS Center in downtown Minneapolis; top right, Mrs. Backstrom, Robert W. Backstrom (Bus), Minneapolis, and Marguerite Van Camp Burgett (HEC), Edina; bottom right, chairwoman for the 1936 reunion, Gladys Sinclair Brooks (CLA), Minneapolis, left, talks with Marlon Cormack Nelson (Bus), Minneapolis.

Roy Wilkins honored at University commencement

Roy Wilkins '23BA, executive director of the National Association for the Advancement of Colored People (NAACP), was awarded an honorary doctor of laws degree by the University of Minnesota at Graduate School commencement ceremonies on June 12 in Northrop Auditorium.

University president C. Peter Magrath and Regent Wanda Moore took part in honoring Wilkins, a 1960 recipient of the University's Outstanding Achievement Award.

A native of St. Louis, Mo., Wilkins was raised by an aunt and uncle in St. Paul. While at the University, where he majored in sociology, Wilkins was editor of the *Minnesota Daily*. Following graduation, he worked for a weekly newspaper, the *Kansas City (Mo.) Call*, and was managing editor in 1931 when he accepted the position of assistant secretary for the NAACP.

Under his leadership the NAACP membership grew from 240,000 to 440,000. He became the organization's executive director in 1965.

Wilkins played a major role in passage of the Civil Rights Act of 1957 and 1960 as chairman of the Leadership Conference on Civil Rights. He also served as chairman of the U.S. delegation to the International Conference on Human Rights.

More than 4,800 receive degrees in variety of graduation ceremonies

In commencement ceremonies sponsored by University of Minnesota individual colleges and schools on the Twin Cities campus, more than 4,800 degrees were awarded in June.

An informal, picnic-style dinner on the St. Paul campus mall on June 3 preceded ceremonies for 170 graduates of the College of



Roy Wilkins

Agriculture. Degrees were conferred by University Regent Lloyd Peterson.

Four schools held ceremonies on June 4: the Medical School in Northrop Auditorium where Lyle French, vice president for the health sciences, awarded degrees to 240 candidates. Joseph S. Fletcher, visiting professor of medical ethics at the University of Virginia Medical School, was the guest speaker;

School of Pharmacy degree candidates (142) met in the West Bank Auditorium;

The School of Dentistry graduated 145 in Northrop Auditorium; and

University dorm rates again up \$90.00

For the second year in a row, yearly dormitory rates at the University's Twin Cities campus will increase by \$90.

There are currently 4,200 residents in these University dormitories.

The average double-room rate per quarter will be \$497 and, for a single room, the rate will be \$559 a quarter. Dorm contracts also provide for 21 meals a week.

David Anderson, University housing office director, said that over half of the 6.8 percent increase is accounted for by increased food and payroll costs.

The dormitory-rate schedule, according to Anderson, is determined after an evaluation of costs and services is made by committees of staff and residents. "We have a responsibility to keep rates as reasonable as possible," he said.

The housing office had already received contracts for 95 percent of the dormitory spaces for next year when the rate increase was

announced. Those people who felt they could not afford the increase had a two-week period to cancel without penalty, Anderson said.

Two years ago at this time the University housing office had only 1,000 contracts submitted for the fall quarter. Last year at this time there were 3,000 signed contracts.

University officials feel that the increase can be explained by students' belief that dormitory costs are about equal to expenses they would have in an apartment, with separate food costs and transportation to campus.

Konopka honored at Conference on Social Work Education

University professor Gisela Konopka received the Minnesota Conference on Social Work Education's First Annual Award for excellence in teaching and magnanimous contribution to the community at its spring meeting.

She is considered one of the outstanding, internationally-recognized social workers in the country.

Regent Lauris Krenik awarded 130 degrees for the College of Home Economics in the St. Paul Student Center's North Star Ballroom.

In ceremonies on June 5, 74 School of Veterinary Medicine candidates received degrees from Albert Linck, associate vice president for academic affairs, in Northrop; Regent Krenik awarded 107 degrees to College of Forestry candidates on the south lawn of the Green Hall greenhouse in St. Paul; and 1,500 College of Liberal Arts graduates received their degrees from University president Magrath in Northrop.

On June 6, Regent Moore awarded degrees to 62 School of Nursing candidates in the West Bank Auditorium; and Regent David Utz presented degrees to 200 College of Biological Sciences candidates in the St. Paul Student Center's Northstar Ballroom. Elise E. Clark, deputy director of the division of biological behavior and social sciences of the National Science Foundation, was the commencement speaker at the latter ceremonies.

Other graduation ceremonies included those

for the College of Education on June 8 when Regent Moore conferred 320 degrees in Northrop. Frank B. Wilderson, Jr., University vice president for student affairs and former assistant dean of the college, was the featured speaker.

General College awarded degrees to 179 candidates on June 10 in Coffman Union's Great Hall. Dave Moore, University graduate and WCCO-TV's news anchorman, was their guest speaker.

Regent Erwin Goldfine awarded degrees to 212 Law School candidates on June 11 in Northrop. Ruth Ginsberg, Columbia Law School professor, was guest speaker.

University College graduated 180 on June 12 in the Northstar Ballroom where Regent Loanne Thrane presented degrees, and the College of Business Administration held its ceremonies on June 13 in the West Bank Auditorium where Regent Lester Malkerson awarded 260 degrees.

The Graduate School ceremonies saw 372 degree candidates on June 12.

Over 150
turn out
for May 24
evening
party . . .



Bob Johnson heads Tulsa alumni chapter

Robert W. Johnson '56BBA, budget supervisor in the Controllors department for Skelly Oil Company in Tulsa, Okla., has been elected president of the Minnesota Alumni Association's chapter there.

A life member of the Association, Bob is also a former board member of the University's Band Alumni.



Robert W. Johnson

He initially joined Skelly Oil in 1962 in St. Paul, then moved to Tulsa in 1965. Previously he served in the U.S. Navy Supply Corps and was employed by Lyman Lumber Company in Excelsior, Minn.

He is currently president of the Tulsa chapter of the Planning Executives Institute, a past member of the Budget committee of the Tulsa Area United Way and past moderator of the board of deacons of Kirk-of-the-Hills United Presbyterian Church.

He and his wife Diana have a daughter Lisa and a son Todd.

Hastings is new Suncoast president

Richard H. Hastings '36-'38Law, St. Petersburg, Fla., was recently elected president of the Suncoast (Dunedin), Fla. chapter of the Minnesota Alumni Association.

Serving with him are Henry Morrison, New Port Richey, vice president; Ellen Jaap, Seminole, secretary; and Jean Lee, St. Petersburg, treasurer.

Others on the board of directors include Donald K. MacLennan, Lake Wales; Howard Palmer, Sarasota; Carl E. Berzelius, Largo; and Ducy DuCharme, Bartow.



Pergeau heads Phoenix chapter

Raymond J. Pergeau '65DDS is currently president of the Association's Phoenix, Ariz., chapter. Officers serving with him include George S. Livermore, vice president; Marlys Livermore, treasurer; and Reuben Frank, secretary.

Board members, in addition to the above, are Janet Borg, Arne Rovick, Jerry Lacher and Warren M. Silver, who is the immediate past president.

These officers and directors were elected at a meeting earlier this year at which Paul Giel, University of Minnesota athletic director, was the featured speaker.

MAA executive director Ed Haislet recently met with representatives of the Phoenix chapter in early April.

University agriculture students find jobs

About 80 to 85 percent of the University's College of Agriculture students graduating this spring will be placed in jobs by July 1, according to Deane Turner, college placement director.

This outlook is encouraging, considering national unemployment and placement of college graduates in general, he added.

But fluctuating livestock prices have taken a toll in placing animal science graduates. Shortages of graduating seniors are reported for agronomy, agricultural economics, agricultural business administration, agricultural education and agricultural journalism.

The supply of graduates is well balanced with the job demand for graduates in agricultural engineering, food science and plant pathology.

Majors in fisheries management and wildlife management will encounter difficulty in securing full-time, professional jobs. Several graduates in horticultural science will be seeking employment in states other than Minnesota, Turner said.

MEMBERS OF THE CLASS of 1936 gathered in the Alumni Club in downtown Minneapolis on May 24 to recall campus memories of 40 years ago and meet with old friends. Among those pictured above are, at the top left, William Becker (Engl/Arch), Wadsworth, Ohio, Greta Becker, Mary and Douglas F. Kraft (Bus), Atlanta, Ga.; top right, Alan K. Ruvelson, Sr. (Bus), St. Paul, and David Glickson (Bus), Devil's Lake, N.D.

In the center, left, Ruth Tenold, Glenn E. Seidel (IT), Edina, Minn., John C. Tenold (Mines), Spokane, Wash., and an unidentified guest; center, Wells J. Wright (Law), Edina, Minn., a past president of the Minnesota Alumni Association, and Howard Mithun (Law), Minneapolis; right, Lee Loevinger (Law), Washington, D.C., Grace Brandt Andrews (Ed), Edina, and Roger Andrews.

At the bottom left, Dr. Donald Brink (Med), Hutchinson, Minn., Edith Johnson Holmquist (CLA), Grove City, Minn., and Stanley W. Holmquist (Ed); right, James Brinkerhoff, second from the left, University of Minnesota vice president for finance, and his wife who is to his left, chatted with two Class of 1936ers.

Arnott and Wick honored at spring Sun City, Arizona meeting

Hermon J. Arnott '24BA, Sun City, Ariz., and Milton Wick '18-'19, Scottsdale, Ariz., were honored by the University of Minnesota at the April 9 meeting of the Sun City (Ariz.) chapter of the Minnesota Alumni Association.

A former president and chairman of the board of Farmers & Mechanics Savings Bank of Minneapolis, Arnott was the recipient of an Outstanding Achievement Award, presented by Minnesota Alumni Association executive director Ed Haislet.

Arnott is noted for his national leadership in the savings and loan industry, particularly in the development of a special kind of mutual fund for savers with small amounts of money.

He served as treasurer of the Metropolitan Sewer Board during its organizational period and of the Minneapolis Downtown Council. He worked for many years with the United Fund and as an adviser to pension funds.

He has served the University through his membership on the Association's board of directors and is still a member of the MAA investment committee.

Though the Arnotts spend part of the year in Sun City, they also maintain an apartment in the Twin Cities to continue their friendships among Minnesotans.

Milton Wick has been a publisher of small town newspapers throughout the United States and has held interest in 27 different publications since 1926. From 1954-74 he owned and

published *Human Events*, a nationally-known Washington, D.C. newsletter which still lists him as "Publisher Emeritus."

Wick received the Alumni Service Award from the University, presented by Haislet, for his reorganization of the Alumni Association's Phoenix, Ariz., chapter, his service as regional director for the Association, and his support of men's intercollegiate athletics, particularly the University's Williams Scholarship Fund.

More than 150 persons attended the special awards meeting, among them former Outstanding Achievement Awardees Willard Lighter, Gladys Haugen, and George and Edina Amidon, and Alumni Service Awardee Waldo Hardell who also received a President's Citation for his outstanding leadership in behalf of the Sun City chapter. Congressman Sam Stieger was also in attendance.

Dr. Prem heads Ob-Gyn

Dr. Konald Prem '51MD has been named to head the University's department of obstetrics and gynecology.

The professor joined the department faculty in 1955 and has been the director of gynecologic oncology since 1969.

Class of 1926 gathers for 50th Anniversary Reunion

Remember Valentino, bathtub gin and William Watts Folwell?

The University of Minnesota's Class of 1926 does and gathered all day on June 7 to sharpen those memories during a celebration of its Golden Anniversary Reunion.

In 1926 quarterly tuition was \$23.50 for each of the 1,510 students in the graduating class; this spring 1,500 seniors graduated from the College of Liberal Arts alone and paid tuition of \$210.

In 1926 the University's total budget was \$6.3 million; today it is \$450 million.

In 1926 Lotus D. Coffman was president of the University and Calvin Coolidge was president of the United States.

In 1926 a knicker-wearing character named Stiffy served lunch in Dinkytown for a quarter.

These reminiscences and comparisons crowded upon the alumni during their day-long gathering which included registration and a special luncheon in Coffman Memorial Union, named for a president of their era, a bus tour of the much-changed Twin Cities campus, tea with current University president C. Peter Magrath and his wife, and a jovial banquet at the Alumni Club in downtown Minneapolis.

The 1926ers recalled the commencement speech delivered by the 96-year-old Folwell, who had been the University's first president, in which he urged the graduates to "give your utmost."

And Waldo Hardell, a 1926 business graduate and former president of the Minnesota Alumni Association, quipped timelessly that "it's not for knowledge that we went to college; it was for the fun we had there."

Among those in attendance at the reunion were University Outstanding Achievement Award winners Viola Hoffman Hymes, Minneapolis, an internationally-known educator and humanitarian who worked with the Minnesota Governor's Commission on the Status of Women and served as president of the National Conference of Jewish Women; Maj. Gen. Albert Kuhfeld, Columbus, Ohio, former judge advocate general of the Air Force; and Helen Harris Perlman, Chicago, Ill., professor in the School of Social Administration at the University of Chicago and considered an authority in the field of social casework.

Radio personality Cedric Adams belonged to the Class of 1926, Hardell noted during his remarks, but he never finished school, and Minnesota governor-to-be Harold Stassen "seemed like he was part of our class," although he graduated two years later.

Hardell has received an Alumni Service Award from the University, as has another of his classmates who was present, Constance Malmsten Deters, formerly of St. Cloud, Minn., now of Moscow, Idaho.

Viola Hymes was the mistress of ceremonies for the evening banquet program, which included a Class Panel made up of Hardell, now a Sun City, Ariz., resident, Gordon Volkenant of Golden Valley, Minn., and another Outstanding Achievement Award holder, Lawrence Hafstad of Chester, Md.

Hafstad, who is the former director of the nuclear reactor division of the Atomic Energy Commission and vice president of General Motors' research laboratories, made these observations on the future as well as the past:

"... We have been able to enjoy living through some five decades of a burgeoning rise in the standard of living. In our day, America was still the land of opportunity and we were able to take advantage of that blessing.

"Especially remarkable is the fact that such enormous progress was made in so many different fields. Mine happens to be mainly electronics and communication. Here we have had four truly revolutionary changes in our five decades. First was the development and exploitation of the electronic vacuum tube in telephone, radio, television, tape recording and control circuits. Second was the remarkably versatile transistor. Then came computer technology and, finally, satellite communication.

"Each of these represents modern magic taken for granted by the younger generation, but which can be fully appreciated only by those of us who can remember the state of the art in the teens and twenties.

"This was impressed upon me recently when reading a newspaper account of a recent Westinghouse Science Talent Search. One of the finalists came in third with his innovative method for recording three dimensional pictures on photographic film without a camera. Another came in sixth for devising a new way of detecting dust grains — which may be budding stars — in the galaxy. And these are high school kids!

"In our day in high school, Gordon Volkenant and I, and we were supposed to be bright, too, would have been submitting contraptions of copper wire wrapped around Oatmeal cartons which we called radio sets.

"I am so often asked what I think of the younger generation that I have adopted a short answer . . . The smart ones are fantastically bright, but the dopes are dopier.

"In our day everyone was motivated. Everyone tried. There was no welfare state to guarantee a soft landing for failure.

"We have been talking about electronics, but the story is the same in other fields. Take transportation. Most of us remember the horse and buggy, or at least the ice wagon. The horse cart, the street car and the train have been replaced by the auto, the airplane and the rocket. Books can be written on each of these revolutionary developments and especially on their impact on our society . . .

"Science and technology have produced similar revolutions in the biological and medical fields. In the 20's, contagious childhood diseases were a frightening threat. Houses were quarantined by large red signs for scarlet fever. Pneumonia was a near fatal disease and tuberculosis was almost incurable. All this changed with penicillin and the host of new antibiotics which followed this revolutionary dis-

covery. The Salk vaccine was another miracle which emptied hospitals. Surgery, radiation and chemotherapy have greatly reduced the threat of cancer which not long ago was considered a disease so hopeless that even the word was taboo. I for one am grateful for modern, almost painless dentistry.

"In another area of technology, equally giant steps have been made in the last five decades. Take materials. In the 20's, celluloid and hard rubber were standard products and bakelite was a recent invention. Now think of the assortment of plastics we have available. In those early days white lead and linseed oil was the best paint. Now, white lead is recognized as a poison. Equivalent progress has been made in the inorganic field. Nichrome was available then, but without the modern high-temperature alloys, gas turbine blades and therefore our modern high-speed aircraft could not have been developed.

"... There is one field really underlying all of these, and that is the energy field. In our generation there has been an almost explosive increase in the use of, and demand for, energy in the form of fluid hydrocarbons and of electric power. Our general public takes this for granted without really bothering to understand what has happened or even trying to think about the implications. I will come back to this point later, but first let me carry you through what we in Physics call a "gedanken experiment", a thought experiment, to show how intimately our comfortable daily life now depends on energy, and really cheap energy.

"The exercise will be this. As a home-owner goes through the daily chores, let us try to estimate how many mechanical servants are called upon for help.

"First let us assume that the house is being warmed by an oil burner with a quarter horsepower motor. Now, one horsepower is about one-eighth of a horsepower, so the quarter horse motor puts two mechanical servants to work carrying fuel to the furnace.

"Comes time for breakfast and the electric toaster and the coffee pot are turned on. This calls for let us say one kilowatt of electricity or one and one-quarter horsepower or 10 mechanical servants who rush to collect wood and build a fire to provide the glowing coals needed for the toast and coffee."

"Next, a dishwasher comes on and two more specially skilled mechanical servants appear. Here water is needed, for water under pressure somewhere two more mechanical servants begin to carry water. Next a clothes washer, then a vacuum cleaner, then a refrigerator, then lunch, then dinner and then finally the lights start to come on.

"Each hundred watt bulb calls for one mechanical servant to clean, fill, adjust and maintain the several oil lamps which would be required to give the same amount of light.

"So far I have listed 22 equivalent servants; but remember that electric power is instantly available day or night, so for the total servant equivalent we would need three shifts. The aggregate number would clearly be measured in dozens.

"With all these servant equivalents rushing about, there would hardly be room for the family, and trying for some semblance of control would leave a housewife in hysterics.

"Now, remember that one kilowatt hour is equivalent to one man working a 10-hour day. Those who pay electric bills will recall that the present energy cost is about 5 cents per kilowatt hour for the equivalent of a 10 hour man day. Five cents or fifty dollars, you are free to take your choice. The difference is due to technology.

"In a modern home, if even any one of these appliances mentioned above should fail, there is a domestic emergency. What will the reaction be if they all fail at once? Yet, people organize to oppose the construction of new electric power generating plants.

"I personally have the distinct impression that it will be these same people who will protest most

vociferously when the brown-outs and black-outs start occurring, as is inevitable with the delays that are being encountered in adding new plant capacity. There is something missing in our educational process, and this brings us to the so-called "two cultures problem" which has been discussed by C. P. Snow.

"... As long as the world was large and the population was small, science and the technology it makes possible could each be looked upon as being essentially an absolute economic good. Technology produced by perhaps one quarter of the population provided conveniences and comfort for the non-technical three-quarters of the population which they as individuals were free to adopt or reject as they saw fit. They were interested in the results of technology, but not in the process of technology. There was no need to be, technology was the business of technicians. There was nothing wrong with this, it was no different from the fact that now we as engineers no longer tune and maintain our own automobile engines, but leave this to professionals in the shops.

"What has changed is that the scale of technological developments is now so large that in a limited world with a large population impacts on nature are very real. From now on, technological developments must be limited by boundary conditions such as diminishing natural resources, pollution of air and water, noise, inconvenience to neighbors and even aesthetic considerations. Tradeoffs must be made between the desirability of a result and the price to be paid.

"These are technical questions, but the decisions must be made, not by the technicians, but by the users, the large non-technical segment of our society. Just as military matters have become too important to be left to the generals, technology has become too important to be left to the engineers.

"This puts the shoe on the other foot. For years we as engineers have been urged to take more and more courses in the humanities, though I have long been convinced the engineers know more about literature and sociology than English professors and sociologists, and lawyers, know about the laws of nature and the internal working of our technological society.

"Now it is they, the non-technical people, representing the largest segment of our society, who must make some critical and painful technical decisions. With limited resources we can either have a high standard of living with a small population or a low standard of living with a large population. So far the humanitarians keep wanting a higher standard of living for all segments of a rapidly burgeoning world populations. Something will have to give and this is a problem too critical to be left to the technicians.

"... There are now many areas where burgeoning technology involves critical trade-offs . . . In addition to environment there are the areas of energy, natural resources, transportation, population and safety as, examples. In each of these, decisions will have to be made, in fact are being made now without any real public understanding of the pros and cons of the basic issues involved. The problem is dramatically expressed by Toffler in his book *Future Shock* where he states, Here, then, is a pressing intellectual agenda for the social and physical sciences. We have taught ourselves to create and combine the most powerful of technologies. We have not taken the pains to learn about their consequences. Today these consequences threaten to destroy us. We must learn and learn fast.

"It is to meet this challenge that the role of technology must change and is changing. In the past it was possible for engineers to build a dam or a refinery or a power plant without worrying about the impact on nature. Up until recently it was the entrepreneur who took the risk in new developments. Society as a whole was free to accept or to ignore the results of the new technology. Now, society finds it must unavoidably share in the risk.

AMONG THOSE WHO ATTENDED their 50-year Reunion on June 7 were, at the left, Viola Hoffman Hymes (Ed), Minneapolis, Ralph H. Hegman (Bus), Minneapolis, Reunion co-chairman, and Helen Harris Perlman (CLA), Chicago; center, Waldo Hardell (Bus), right, Sun City, Ariz., a former Minnesota Alumni Association president, talked with an unidentified class member; right above, Mrs. Kuhfeld and Maj. Gen. Albert Kuhfeld (Law) came from Columbus, Ohio, for the reunion; right bottom, among those seated at the head table during the Golden Anniversary Luncheon in Coffman Memorial Union on the Minneapolis campus were, from the left, Ethelyn Johnson Bros (Ed), Excelsior, Minn., Reunion co-chairwoman, Clarence Bros and Robert Odegaard, executive director of the University of Minnesota Foundation.



Evening banquet, tea with U president Magrath among highlights . . .





"With unlimited population growth the impact of such new development facilities are on a scale that threatens ecological balance. Engineers must be able to think through the many pros and cons of various alternatives, but must in addition become knowledgeable enough, and articulate enough to explain these facts to non-technical people.

"At the present time this is well nigh impossible, for the non-technical segment of our society takes pride in being ignorant of technical details, even such, for example, as the fundamental laws of nature themselves. . . .

An all-day event on June 7 . . .



"The problem that must be solved is to break down the communications barrier between the technical and liberal arts segments of our society. Having given you the bad news, I want to turn to a development in education which enables me to continue to be optimistic. It involves a change in a college curriculum, and admittedly this is not going to be easy. Lee Dubridge of Cal Techn once said that trying to change a curriculum was like trying to move a cemetery. However, it is beginning to be done in a very ingenious way, and I hope it works . . .

"For decades there has been a demand for more and more specialization in the hard sciences. In physics, for example, gifted students in high school begin to be prepared with first priority to become professors of physics or, second best, professional laboratory physicists. As a result, students quickly separate into those who love physics and those who hate physics. To the latter group, the mathematical skills that are prerequisite might be compared to interminable finger exercises on a piano required for a student who is not really interested in music. It is simply a case of too much work for the return on the effort expended.

"The situation for economics is much the same as for physics. In my opinion, all liberal arts students should be required to have a course in what I would prefer to call natural philosophy, covering the laws of nature and economics, but it should be tailored to the interests and needs of people who have no desire to make a career in science.

"A new approach which comes close to this is being tried out with good success by Professor Truxal and his associates at Stonybrook, N.Y. Optional courses tailored to the backgrounds and interests of liberal arts students are being set up by the

engineering department. The trick is that these courses are on subjects like the New York City Water Supply, or Nuclear Power vs. Coal, or Computerized Pricing of Supermarket Items, and other such topics of very real current interest.

" . . . Even more important in the long run, however, is the fact that underlying laws of nature and of economics can be brought in and explored, when and as they become important in contributing to some conceivable solution. Knowledge of physics, mathematics and economics then comes to be considered not as a chore, but as a useful tool in the solution of real world problems. Laws of nature are then not something to be memorized to pass exams, and mathematics ceases to be a useless finger exercise.

"The response to this new teaching approach has been very good with the courses increasingly popular. To me the most dramatic evidence that this is a promising approach is the result of an experiment extending this technique to a high school in a black ghetto in Philadelphia. Reports are that in this case, young black males who formerly would skip school for days on end would come in for this course alone and then leave. The issue of relevance again!

"If leads such as this can be followed up by our professional educators, it is possible that the impedance mismatch between the technical and liberal arts segments of our society can be gradually corrected. Then it should become possible for society as a whole to consider the trade-offs which must be made on our crucial problems on a rational rather than an emotional basis. The problems we have been discussing have been created by man, therefore it is clear that they should be solvable by man, if man has the good sense and courage to act . . ."

AT 4 P.M. ON THE AFTERNOON OF THEIR ALL-DAY celebration of their 50th Anniversary Reunion, members of the Class of 1926 and their guests ended a bus tour of the Twin Cities campuses at the Eastcliff home of President and Mrs. C. Peter Magrath for tea. In the photo at the top left above, members of the class can be seen relaxing in the garden patio area of the Magrath home, while in the top center, University president Magrath, in the striped suit, and his wife Sandra, to his right, can be seen greeting class members and their guests as they entered Eastcliff. The photo at the top right is another of classmembers and their guests enjoying the patio area of the President's home.

In the bottom right, 1926 Class member Samuel B. Stephens (Phm), Chicago, is served a piece of the special cake prepared for the 50-year class. At the bottom left, the scene shifts to the social hour which preceded the Class of 1926 evening banquet in the Alumni Club in downtown Minneapolis. In this photo, Mrs. Volkenant and Gordon Volkenant (Eng), Golden Valley, Minn., visit with classmate E.N. Van Duzee (Mines), Covington, La., and his wife.

Pharmacy graduate receives Outstanding Achievement Award in May

Dr. Michael J. Martell, Jr. '54SPhm '58PhD, who developed the tetracycline antibiotic Minocin, was awarded the University's Outstanding Achievement Award on May 27 at the College of Pharmacy Alumni Association's Annual Meeting in Minneapolis.

After a postdoctoral National Institutes of Health fellowship at the University of Illinois, Martell joined Lederle Laboratories, a division of American Cyanamid Corporation. For the next 10 years he was directly involved in the synthesis and purification of minocycline, an antibiotic which proved effective against a broad spectrum of diseases, including Staphylococcal-type infections.

In 1969 Martell was named manager of medical production development for Cyanamid International and last year was named director of product and process development for Cyanamid-International.



M. J. Martell

Tommeraaen elected president of Slayton alumni

Courtney Tommeraaen '55BS, who has taught speech and English in the Slayton (Minn.) High School for 20 years, was recently elected president of the Slayton chapter of the Minnesota Alumni Association.

A member of numerous professional and community organizations, Tommeraaen is a lay minister in the Lutheran Church and was a finalist for Minnesota Teacher of the Year in 1971.

He has spent one year on a Fulbright Grant

to lecture on American literature in Norway, completed an MDEA Grant in English at St. Cloud State University (Minn.) with honors, and has been an in-service teacher for the English section of the State Department of Education for more than four years.

Serving with him are Richard Estum, secretary-treasurer; and board members Dr. William Clauson, Tim Totzke, Kathleen Miller, Dennis Carlson (who is also the immediate past president), Mrs. Roman Henkels and Earl Johnson.



JACK STROMWELL '50BA, Eau Claire, Wis., received the University of Minnesota's Alumni Service Award at spring ceremonies in Menomonie. The award, which was presented by Minnesota Alumni Association executive secretary Edwin L. Haislet, right, cited Stromwall for "dedicated work in alumni affairs," particularly as an organizer of the Eau Claire chapter and a member of the Association's national board. An insurance executive, Stromwall is married and the father of four children.

GOPHER TALES

By David Shama

This summer Jerry Noyce will take another step in his transition from player to coach. Noyce, at 32, has just completed his third season as coach of the Gopher tennis team.

Each year he has been a little more of a coach and a little less of a player, he said.

For most of his life, playing the game was most important. The "thrills" go back many years, including a tournament victory over an adult when he was 15. A few years later the Evanston, Ill., native was part of the state high school doubles championship team.

Then it was on to the University of Minnesota where he lettered for three years and played No. 1 singles and doubles. His tennis interest continued after graduation and he has won various tournaments in towns scattered throughout the Upper Midwest.

On occasion he has been the top-ranked tennis player in the area by the Northwest Tennis Association. Last year he played a grueling five-set match for the National Public Parks championship and lost.

"I suppose winning that title would have been the biggest victory in my career," Noyce said.

His mind searches for an answer when he's asked about memorable moments in his own playing career. He reacts the same way when he's asked about objectives which remain for him as a player.

This summer his tournament playing will be limited to the Northwest Sectional Championships at Nicollet Tennis Center and the Northwest Invitational at the Minikahda Club. Both events are in Minneapolis.

"I've lost interest in playing in a lot of tournaments," Noyce said. "I want to have more time with my family. And I'm gearing myself more to coaching than playing. I find coaching more challenging."

He explained that "in coaching you have a lot of people to deal with, but in playing you're just concerned with yourself."

He finds that analyzing his players during their matches is the easiest part of coaching. The most difficult, he said, is trying to keep up with six matches simultaneously.

"Spectators may not realize it, but there is coaching going on between sets of a tennis match," he said. "A recent rules change allows coaches and players to confer."

Noyce, of course, wants his players to be highly receptive to his counsel and he's convinced that curtailing his playing career will help to establish rapport. "I encourage my players to participate in a lot of summer tournaments and it would be inevitable for me to meet some of them in competition," he said.

"I don't like playing against my players for a couple of reasons," he continued. "For one thing I find myself playing at half speed because I'm interested in watching them to see how they're doing. Secondly, if I'm fortunate enough to beat the player, it has to make some inroads between us. We're competing against each other, instead of cooperating."

He recalled a conversation with a fellow Big 10 coach shortly after he became Gopher coach. The man asked him if he was going to continue to be active as a player. Noyce said yes. The rival coach said, "There will come a day when you'll have to concentrate on coaching."

As Gopher coach he has put together competitive teams. The 1976 squad, for example, won more matches (19) than any tennis team in Gopher history, and "against the strongest schedule a Minnesota team has had," Noyce added.

This year the Gophers were among the top 30 teams in the country. For the first time in several years the Gophers were competitive with the Big 10's stronger teams. And although the Gophers finished sixth in the Big 10 Championship Meet, they could have been third if three closely contested matches had been won.

"Our kids did a heck of a job," Noyce said. "I'm proud that six of our top seven players are from Minnesota. We competed against teams with players from all over the United States and against some from foreign countries."

The boom in indoor tennis facilities is improving the caliber of northern tennis and is particularly helpful in a severe climate like Minnesota's. "Year round tennis is giving the northern player a chance to catch up with



Jerry Noyce

players from warmer climates," said Noyce who has been a full-time teaching pro for several years at a Minneapolis club.

This spring the Big 10 Championship Tennis Meet was held at an indoor club here. The tournament ran smoothly and, in a virtually unprecedented development, made money.

"There has been serious talk about having the tournament back here next year," Noyce said. "The media and public received it very well. There is a feeling that it can do even better financially next year. A lot of people

were surprised at how good college players are."

Black ink is not something to which collegiate tennis people are accustomed. Like other non-revenue sports, tennis coaches are used to shoe-string living.

Noyce, however, sees some daylight ahead for tennis. "Our future could well be dependent on our ability to generate funds for ourselves," he said. "Tennis is booming in popularity. Down south there are tennis stadiums that draw 500 to 1,000 people for matches."

"I think we can draw well here, too. In fact, we've had a couple hundred people at some of our matches."

Art professor receives Guggenheim

Peter Busa, University professor of studio arts, has received a Guggenheim fellowship for 1976-77.

Busa, 61, is among 300 scholars, scientists and artists from throughout the country to receive the award this year. They were selected on the basis of demonstrated accomplishment from about 3,000 applicants.

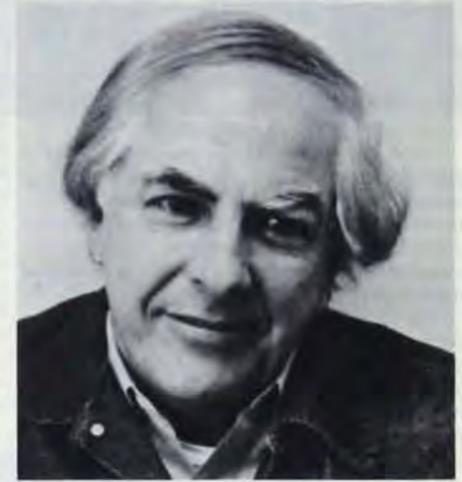
Fellowships awarded by the John Simon Guggenheim Memorial Foundation this year will total over \$4 million.

Busa received his award on the basis of the work he has done since 1970, including an outdoor mural on the Valspar Corporation building in Minneapolis. His works are included in numerous public and private collections, including those of the Whitney Museum of American Art in New York City, the Smithsonian Institution in Washington, D. C. and Walker Art Center in Minneapolis.

Noyce believes matches must be speeded up to have more spectator appeal. Next year the Gophers and Wisconsin will meet in an exhibition in which all matches will consist of two sets. If the competing players split the two sets, the winner will be decided by playing a tie-breaker.

If Noyce is beginning to sound like a coach and an innovator instead of a player, it's no accident. "I've got to confess that another reason I'm slowing down as a player is that it's not easy to be playing those hungry and sharp 20-year-olds," he said with a laugh.

"I'm already looking forward to when I can compete in the 35 and over competition."



Peter Busa

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Homecoming is back on campus for 1976

Parades, pepfests and bonfires will be evident again when the University of Minnesota celebrates its 1976 Homecoming and the Golden Gophers do battle with the Fighting Illini on October 9.

Preparation for Homecoming events has been in progress for almost two months, and the Homecoming executive committee, consisting of more than 20 students, is working to make the traditions of Homecoming's past reappear at the University of Minnesota campus in the fall of 1976.

A full week's schedule of events has already been planned, with something for every member of the student body.

"The purpose of this year's Homecoming is threefold in nature," explained Rick Nelson, one of the three chairmen. "Tradition, total student involvement and interaction between the students and Minnesota alumni" head the list of objectives.

The Homecoming Slogan Contest for 1976 was held during the third week in May with the cooperation of the *Minnesota Daily*. The winner of the contest was College of Liberal Arts student William Hoffman who may have provided the University with one of its most original slogans ever: "French-Fry the Illini."

Such activities as a co-recreational football tournament and Union Night at Coffman Memorial Union are just a few of the traditional events returning for Homecoming 1976. Some new activities have also been added: a West

Bank Movie Night, prepared in cooperation with the West Bank Union Board, will include a recently-released feature film, Gopher High-life films, guest speakers and prizes.

Plans for alumni are also in the making: the traditional Downtown Minnesota Alumni Association Homecoming Pepfest Luncheon on the Thursday before the football game will return to the schedule of events, and the Saturday Morning Brunch sponsored by the Athletic department will be held once again.

Tours for alumni through some of the campuses' new facilities, like the Health Sciences Center and newly-remodeled Coffman Union, will be available on Saturday morning — adding to a day filled with activity.

If there are any questions about this year's Homecoming events, please contact any one of the three chairmen for the celebration: Scott Fuller, Rick Nelson or Sally Thompson. They will have an office in Coffman Union after July 1.



THE 1976 HOMECOMING COMMITTEE has three student chairmen who have been hard at work this spring to make the coming fall's celebration bigger and fun-filled. These chairmen are, from the left, Rick Nelson, Sally Thompson and Scott Fuller.

Land-grant and state school students form new national student organization

A national organization for students at land-grant colleges and state universities was established by student leaders from 31 schools in 21 states at a convention in Minneapolis this spring.

The convention, which was sponsored by the University of Minnesota's Twin Cities Student Assembly, was called to consider an alternative to the National Student Association (NSA).

While a majority of the delegates appeared to support the idea of a student association to represent students at land-grant colleges and state universities, there were others who were opposed to the idea and the first day of the convention was marked by heated debate.

One of the strongest defenders of NSA, a student from the University of Chicago, argued that students should work within NSA if they felt it was not representative of student interests.

University of Minnesota graduate student Gary Engstrand, who was the convention chairman, said that a major reason for growing student frustration with NSA was that its large, diverse membership had diluted its strength and that it became involved in topics that were not higher education concerns.

After extensive debate and much parliamentary confusion, the delegates approved a resolution to establish an organization of students from land-grant colleges and state universities. The resolution stated that the organization should promote, at a national level, the advancement of public higher education and should disseminate information and provide member schools with resource and research material.

A resolution to make membership in the organization open to the student governing body of any school that has a bachelor-degree-granting program and is a publicly-supported state school also passed.

The first president of the new organization, which will be called the National Association of Students at State Colleges and Universities, is David Slemmons, a student at the University of Alaska.

Delegates from several schools, which had not belonged to NSA, attended the convention for the purpose of joining the new organization.

Convention participants received encouragement from Minnesota Senator Hubert Humphrey '39MA who made a brief appearance before the group.

"Everything worthwhile has high hopes," Humphrey said. He told student leaders that there was great value in lobbying and urged them to lead and educate others in their lobbying efforts.

Magrath sees larger role for students in educational policy

University president C. Peter Magrath told the student leaders that students have the power to play a larger role than they are now playing in shaping educational policy at a national level.

"I believe that such an expanded role is not only possible, but very much desirable. I am convinced it would be in the overall best interests of American higher education," Magrath said.

The University president was the keynote speaker at the opening luncheon of the convention. While expressing support for a national student organization, Magrath admitted that there will always be areas of disagreement between administrators and students.

"But I am confident that in terms of national educational policy, as opposed to strictly institutional matters, we will find more cause to agree than disagree," he said.

Magrath told the student representatives that the entire higher education community can do a better job than it is now doing in telling its story to the American people.



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—Will Rogers

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Cohn authors book on Sister Kenny published by University Press

For half a century of summers, American parents and children lived with fear. They avoided crowds and swimming beaches during many of the "peak" years, guarded against "chills" and panicked at the slightest sign of a stiff neck — one of the first symptoms of the dread disease. Jonas Salk's vaccine was only a dream — to be fulfilled in the 1950's.

There was one ray of hope that penetrated this horror — one person who said, and proved in many cases, that poliomyelitis did not have to mean death or life-long disability and disfigurement. Her name was Sister Elizabeth Kenny.

A tough, temperamental and innovative nurse from the Australian bush, she fought the medical establishment to revolutionize polio treatment and became a pioneer in modern medical rehabilitation of all the disabled.

The University of Minnesota Press has now published her first complete biography — "Sister Kenny: The Woman Who Challenged the Doctors" — written by award-winning science writer Victor Cohn '41BA of the *Washington Post*.

The book traces the life of this early feminist from her beginnings in the Australian outback, where she learned nursing without formal schooling, to her war service, in which she earned the title "Sister" (a nursing title in British countries) and received shrapnel

wounds in her leg that she carried the rest of her life, to America, where she was honored on Broadway and clamored after only as celebrities such as Elvis Presley and the Beatles have been.

Much of the book is concerned with her innovative treatment methods and her conflicts with doctors.

The book has been hailed by *Publishers' Weekly* as "absorbing" and a "remarkably well-written biography of a great woman."

Dr. Jonas Salk calls the book "a fascinating story of indomitable courage." Barbara Seaman, a leader in the new feminist health movement said, "Sister Kenny was a pioneer in woman's battle for independence" and "a model for today's health feminists, who still confront an overwhelmingly male medical establishment."

When Sister Kenny first began working, doctors were treating polio by immobilization: trying to keep stricken limbs straight by locking them into plaster casts or stiff frames. Kenny used soothing heat and guided motion instead. After losing the battle to change doctors' methods in her own country, she came to America at the age of 59 and found success — establishing her first American institute in Minneapolis.

As a popular idol, she became the subject of the film "Sister Kenny," starring Rosalind Russell, and for 10 years was annually named one of the "Most Admired Women in America."

The children and adults she restored to functional lives are legion, although controversy plagued her entire life.

Kenny became one of the rare unlettered persons who is right when scientists are wrong.

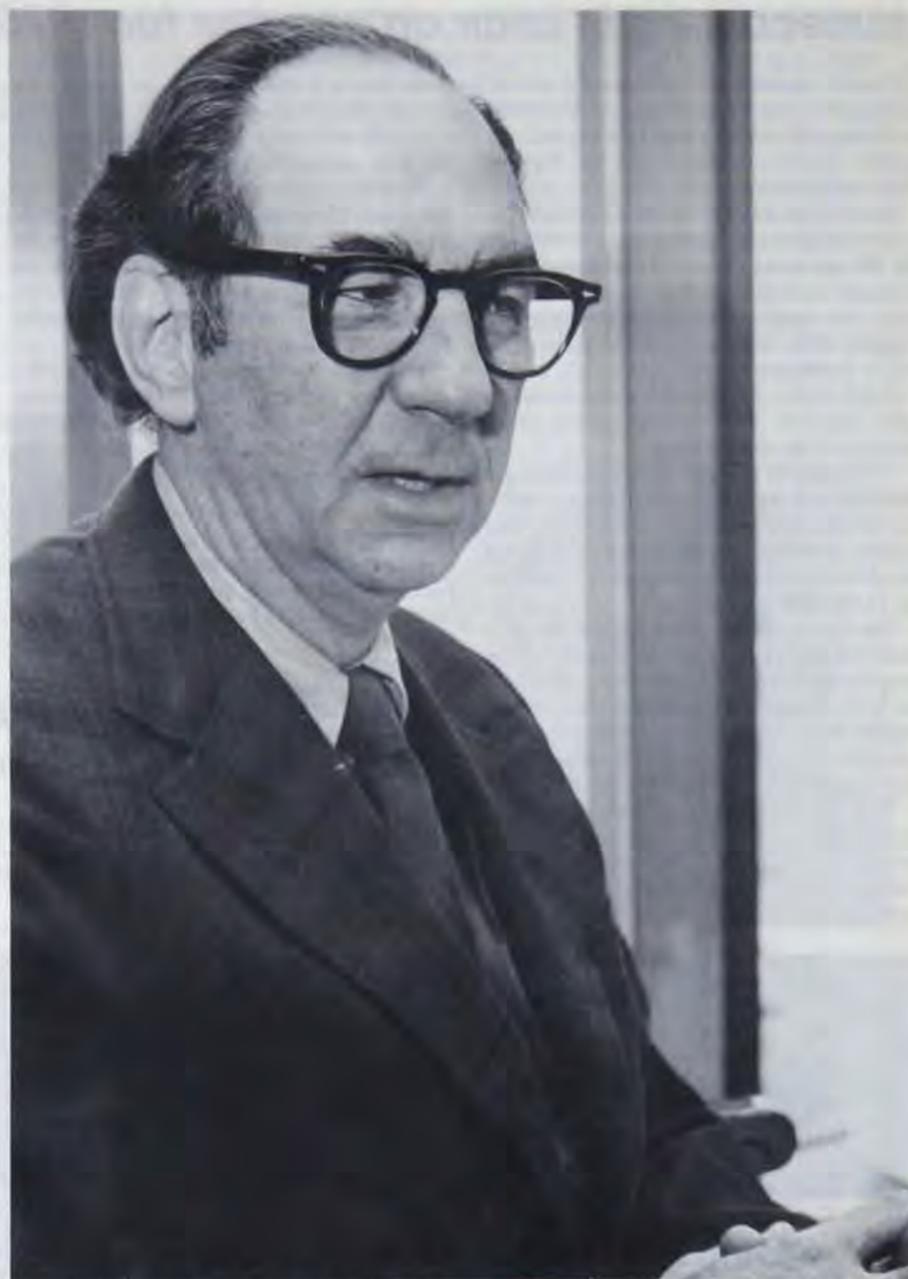
"In an age of science and technology we must keep listening to such people to keep science honest," Cohn said.

He covered her story during 20 years as a science reporter for the *Minneapolis Tribune*.

Cohn, who has been with *The Washington Post* since 1968, is one of the nation's leading science and medical reporters. The *New York Times* has called him "one of the country's best science reporters" and *Newsweek* named him among seven "top newspaper science writers."

His reporting on man, the atom, health, disease, youth, aging, the environment, space and the stars — all of the subjects of an age of science — has won him many of American journalism's highest honors.

As science reporter for the *Minneapolis Tribune*, he was the first double winner of the American Association for the Advancement of Science-Westinghouse Prize for distinguished science reporting. He won three Distinguished Service Awards from Sigma Delta Chi jour-



UNIVERSITY ALUMNUS and *Washington Post* science writer Victor Cohn has written what is called "a fascinating story of indomitable courage" in his recent book *Sister Kenny: The Woman Who Challenged the Doctors*, published by the University of Minnesota Press.

nalistic society for general newspaper reporting — the only reporter to do so more than once. He won a Lasker Award for Medical Journalism for articles that helped lead to better care for mentally ill children.

As *The Washington Post's* science editor from 1968 to 1972, he won the American Chemical Society's 1971 James T. Grady Award for his coverage of Project Apollo and its discoveries on the moon.

Turning to health, in 1973 he won the first Science-in-Society Award of the National Association of Science Writers for disclosing that several states and the District of Columbia had ordered compulsory sickle cell testing of blacks: the nation's first compulsory racial genetic testing laws. His articles helped bring about nationwide change to voluntary screen-

ing. In 1974, his disclosure that millions of dollars worth of wasteful hospital building were sharply raising hospital rates won the National Press Club's first Award for Excellence in Consumer Reporting.

He has written for the *Reader's Digest*, the *Smithsonian*, *Ladies Home Journal*, *Science*, *Bulletin of the Atomic Scientists* and other magazines. He has been a lecturer or faculty member in science writing courses at many universities, and is on the editorial advisory board of the Massachusetts Institute of Technology's *Technology Review*.

His book on Sister Kenny is available to members of the Minnesota Alumni Association at a special discount: \$10.72, plus 4% sales tax for Minnesotans and 58¢ postage and handling.



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Bicentennial series includes scholars, writers

Distinguished writers and scholars of the United States and Europe will participate in an outdoor, Chautauqua-type lecture series at the University this summer.

"America's Impact on the World, 1776-1976" is the theme for the Bicentennial series sponsored by the University's Summer Session and concerts and lectures department.

All the free, public lectures will be given at 12:15 p.m. from a bandstand on the University mall in front of Northrop Auditorium. In case of rain, they will be in the Museum of Natural History auditorium.

Musical performances and other events will also be presented on the bandstand during the summer.

Ralph Tyler, director emeritus of the Center for Advanced Study in the Behavioral Sciences, opened the lecture series on June 16.

Other scheduled lecturers are Walter Terry, dance critic, *Saturday Review* magazine, June 24; Gunther Schuller, president of the New England Conservatory of Music, June 29; William Marlin, associate editor, *Architectural Record*, July 7; Robert Gilpin, professor of politics and international affairs, Princeton University, July 15; Emmet John Hughes, professor of politics, Eagleton Institute of Politics, Rutgers University, July 21; Henry Pleasants, London music critic, *International Herald Tribune*, July 29; William Hugh Kenner, professor of English, Johns Hopkins University, August 3, and Richard Longworth,

European diplomatic correspondent, United Press International, August 12.

The series is based on a special Bicentennial issue of *Saturday Review* that featured the contributions of a number of these people.

Chautauqua is part of the heritage of the University of Minnesota. The third president of the University, George Edgar Vincent, was president of Chautauqua at the time he became president of the University. His father was co-founder of the original assembly at Chautauqua Lake.

The University mall on Washington Avenue is accessible from both downtown Minneapolis and St. Paul by the No. 16 Metropolitan Transit Commission bus.

CBS dean named head of universities association

Professor Richard S. Caldecott, dean of the University's College of Biological Sciences (DBS), has been elected chairman of the board of Argonne Universities Association.

This organization, whose membership involves Big Ten schools in addition to 20 other schools ranging from Texas and Arizona in the Southwest to Penn State and Ohio State in the East, is under contract with the Energy Research & Development Administration for overseeing the planning of energy-related programs at the Argonne National Laboratory.

Dr. Resch named neurology head

Dr. Joseph A. Resch '48MS has been named a professor and head of the department of neurology at the University.

A graduate of the University of Wisconsin Medical School in 1938, he completed his neurology residency at the University of Minnesota under a Rockefeller Fellowship.

After 14 years of private practice and clinical teaching at the University, he joined the faculty full-time in 1962.

Dr. Resch will continue as assistant vice president for health sciences affiliations.

Schaffer resigns as Dental School dean

Dr. Erwin M. Schaffer '45DDS '51MSD has resigned as dean of the University of Minnesota's Dental School.

Schaffer contributed to the building of "an excellent faculty, superb facilities and a clear and understandable mission," which have placed the school "in the top of the class among American dental schools," according to C. Peter Magrath, president of the University of Minnesota.

Schaffer, 53, joined the University faculty as a teaching assistant in 1945.

He will continue as dean until a successor is named and then will remain on the School of Dentistry faculty after he gives up his administrative duties.

around & about the Minnesota Alumni

Forestry

49 Kenneth E. Winsness '49BSFor, St. Paul, was recognized as one of five outstanding handicapped Minnesota employees during the 12th Annual Rose and Jay Phillips Awards program at Courage Center, Golden Valley, in late April. The director of student services for the University of Minnesota College of Forestry, St. Paul campus, he was honored for his career accomplishments and contributions to the community. A former USAF captain, he returned from serving as a pilot in WWII's Pacific Theater and completed his bachelor's degree in forestry. After working only four months with the Minnesota Forest Service in the Department of Natural Resources, he contracted poliomyelitis, which left him with only partial use of his left arm and leg. He attributes his ability to lead a productive life, in part, to Frank Kaufert, dean emeritus of the College of Forestry. Kaufert, Winsness claims, encouraged him to complete his graduate degrees, enabling him to advance from a counselor to his current post.

51 Harold W. Benson '51BSFor, Dorville, Ga., has been selected as an assistant regional director for federal assistance for the 10-state Southeastern Region of the U.S. Fish and Wildlife Service. Previously he had worked for the service as supervisor of the Division of Realty in Atlanta, Ga.; chief of branch planning in the same division in Washington, D.C.; associate regional supervisor of the Division of Realty; and chief of the wetlands acquisition section in Minneapolis.

Paul A. Sundin '51BSFor, Lake Lillian, Minn. native, has been named fiber coordinator for International Paper Company's newly-created Woodlands Region IV in Shreveport, La. Before joining International in 1952, he held forestry positions at company locations in Texas and the former Western Woodlands Region.

71 USAF Captain Edward F. Birkett '71BSFor, East Northport, N.Y., has graduated from the Squadron Officer School at Maxwell AFB, Ala. He is currently stationed at Loring AFB, Maine, where he is chief of air traffic control operations with the 2192nd Communications Squadron.

Agriculture

24 Everett W. Harding '24BSAg and his wife Helen Hoverstad Harding '25BSHE celebrated their Golden Wedding Anniversary on July 31. They currently make their home in Green Valley, Ariz.

33 Earle Hanson '33 PhD, Madison, Wis., who helped to develop a substitute source of natural rubber during WWII, retires this year. He began a full-time career as a plant pathologist in 1937 with the USDA when he became part of an interdisciplinary team that developed several varieties of superior, disease-resistant hard red spring and durum wheats. Nine years later he was transferred from St. Paul to Madison to work on forage crops which he has been doing ever since. Even though he was associated with the University of Wisconsin (UW), he remained a full-time USDA employee until he began teaching in 1951. By 1956 he had become full-time professor. He took his expertise to Nigeria in 1967, where for four years, as part of the UW-USAID effort to help start a new university, he taught, did research and helped to select and train a staff. When he returned from Africa he added extension duties to his teaching and research responsibilities and recently has done some work with small grains and soybeans as well as forage crops. Throughout the growing season he monitors disease development state-wide and advises growers how to minimize losses. When the grains have been harvested, he checks seeds to determine degree and type of infection. Hanson, who also has bachelor's and master's degrees from Minnesota, has published more than 120 technical articles, written chapters for several books and "hasn't counted" the number of extension bulletins and fact sheets bearing his name.

Minnesota graduate pioneers in forensic psychiatry

Dr. Robert L. Sadoff '59MD *magna cum laude*, an associate professor of clinical psychiatry and director of the Center for Studies in Social Legal Psychiatry at the University of Pennsylvania, has recently published two landmark professional books in *Forensic Psychiatry*, a practical guide for lawyers and psychiatrists, and *Psychic Injuries*, the latter co-authored with Marvin E. Lewis.

Also a lecturer in law at Villanova University's school of Law, he has written extensively for the American Bar Association *Journal* and the *Pennsylvania Psychiatric Journal* on law and psychiatry.

He is a well-known speaker at numerous bar association conventions, most recently this spring for the Ohio Academy of Trial Lawyers where he served as an expert witness on establish-

53 Ray Woodward '53PhD, Virginia City, Mont., considered a foremost cattle expert, received a surprise salute at the second annual banquet of the American Tarentaise Association in mid-January in Denver, Colo. The theme of the banquet was "This is your life . . . Ray Woodward" and numerous members of the American and Canadian Tarentaise Associations, as well as family members and friends, gathered to cite Woodward for his development of the American Breeders Service (ABS) beef progeny testing program and for his contributions toward introducing exotic cattle breeds to North America. An ABS beef advisor from 1960-70, he made his first trip to Europe in 1967 to import exotics, and brought, "Alpin," the first Tarentaise bull, to Canada from France in 1971. The animal geneticist was with the U.S. Range Station in Miles, Mont., before joining ABS. In addition to consulting work with ABS, he is a partner on a ranch near Virginia City where he raises Tarentaise cattle.

55 James R. Nichols '55MS '57PhD, an animal scientist who has served on the Virginia Tech faculty as department head and associate dean since 1964, is now dean of that Blacksburg, Va. institution's College of Agriculture & Life Sciences. He joined the Virginia Tech faculty in 1964 as head of the department of dairy science and, except for a 20-month leave in 1971-73 to serve as executive vice president and general manager of Select Sires, Inc., Columbus, Ohio, he has been active in Virginia animal agriculture since. Associate dean and director of the college's Division of Animal and Veterinary Sciences since 1973, he has also served as associate dean for academic affairs since 1969. He taught earlier at Pennsylvania State University and the University of Tennessee.

56 Ray Husen '56BSAg, Montevideo, Minn., is district sales manager in west central Minnesota for Funk Seeds International. He was a vocational agriculture instructor before joining Funk.

57 John D. Axtell '57 BSAg, Purdue University (West Lafayette, Ind.) professor of agronomy, in April was named the 1976 recipient of the Alexander van Humboldt Foundation award for "the most significant contribution to American agriculture in the past one to three years." Project leader for an interdisciplinary Agency for International Development (AID)-supported effort to improve sorghum, he was honored for his contributions and leadership in improving the nutritive quality of the cereal. His research has led to two major breakthroughs, both of which have impact worldwide on human and animal nutrition. He was lauded at the presentation as "playing on historically singular role in the resolution of a problem confronting all mankind. Many would judge the food problem of the world to be the most significant economic and social problem of all history . . . The impact of (Axtell's) discoveries will not be limited to the people who consume sorghum grains directly, but will affect the livestock economy of the entire world. The discoveries will make it possible for plant breeders to markedly enhance the diet of hundreds of millions of people," the citation read. Axtell joined the Purdue staff in 1967.

61 Dr. William Merrill, Jr. '61MS '63PhD, University Park, Pa., was one of two faculty members of Pennsylvania State University to receive a Christian R. and Mary F. Lindback Award for Distinguished Teaching in late May. He joined the Penn State faculty in 1965 as assistant professor of plant pathology and was named associate professor in 1970 and professor in 1975. He previously had been a research staff pathologist at Yale School of Forestry and an instructor and research assistant at the University of Minnesota. Widely recognized for his teaching methods in the field of plant pathology, his teaching success is based not only on a sound philosophical approach to the teaching of science, but also upon the sound methodologies he developed and adopted for teaching. Enrollments in his beginning classes have increased by 300 percent over the last seven years and student ratings of his courses have been the highest.

69 Robert P. Bielenberg '69BSAg, Dodge Center, Minn., has been awarded a master of arts degree in executive development for public service by Ball State University, Muncie, Ind. He completed his degree work at the USAF base in Soesterberg, The Netherlands, under a Ball State/Air Force-sponsored graduate program.

ing the defenses of self defense and insanity in criminal cases, and for the Philadelphia Bar Association's first Continuing Legal Education Seminar where he lead a program concerning psychiatric testimony in criminal cases.

A past president of the American Academy of Psychiatry and Law, he took his residency in psychiatry at the Los Angeles Neuropsychiatric Institute of the University of California where he received an MS in psychiatry and received his law training at Temple University, resulting his becoming a forensic psychiatrist.

Dr. Sardoff's parents, who live in the Twin Cities, are both graduates of the University of Minnesota's College of Pharmacy, while two of his brothers hold bachelor's degrees from Minnesota, and a sister has her degree in Medical Technology.

Thorson's firm cited for Law School building



THIS PRIZE-WINNING BUILDING was designed by the firm of Carson, Lundin and Thorson, New York architects. The St. John's (Jamaica, N.Y.) University School of Law building, named Fromkes Hall, was awarded the Certificate of Honor by the New York State Association of Architects, American Institute of Architects, as part of their recent Annual Design Awards Program. The building also received the first prize Bronze Plaque in the Annual Queen's Chamber of Commerce Building Awards. Robert L. Thorson '53BArch, a member of the firm which designed the building, is also a past president of the New York City chapter of the Minnesota Alumni Association.

Robert L. Thorson '53BArch, New York, is a member of the architectural firm of Carson, Lundin & Thorson that was recently cited for its design of the St. John's University School of Law building in Jamaica, N.Y.

The building received a Certificate of Honor from the American Institute of Architects' New York Association of Architects and a first prize Bronze Plaque in the Annual Queen's Chamber of Commerce Building awards.

Thorson served in the U.S. Army with the Corps of Engineers from 1953-55 and received his master of architecture degree from Harvard University Graduate School of Design in 1957.

He has worked in the offices of Carl Koch & Associates, Cambridge, Mass., I.M. Pei & Partners, New York City, and was a senior associate with Ulrich Franzen & Associates for 10 years before joining Carson, Lundin & Shaw in 1969. He became a partner in the latter firm in 1970 and the firm's name was changed to Carson, Lundin & Thorson.

He is a member and former membership chairman of the American Institute of Architects' New York chapter, a past president of the Minnesota Alumni Association's New York chapter, and a member of Sigma Alpha Epsilon Fraternity and the Harvard Club of New York City.

His hobbies include restoring his 1957 Porsche Speedster and gardening on the



ROBERT L. THORSON graduated from the University of Minnesota with distinction from the School of Architecture in 1953.

20th-floor terrace of his New York apartment.

He and his wife, the former Marilyn McCrudden, who is also a Minnesota graduate, have two sons.

70 Allan B. Simons '70PhD has been named director of agronomic research for TransAgra Corporation of Memphis, Tenn. He previously was alfalfa product manager with DeKalb AgResearch, Inc. in Illinois.

Veterinary Medicine

52 Dean R. Kingrey '52DVM has been named assistant director of animal health technology at Abraham Baldwin Agricultural College in Tifton, Ga.

61 Dr. Richard H. Schultz '61DVM '66PhD, Wilmington, Del., is the senior veterinarian in the newly-established animal health development department of the pharmaceuticals group of ICI United States Inc. This new department is responsible for the development and registration in the U.S. of selected veterinary medicines. Dr. Schultz has had eight years' experience as a professor at Wisconsin State University and the University of Minnesota and was a visiting professor at the Institute of Reproductive Physiology and Pathology of the Norwegian Veterinary College in Oslo, Norway.

Law School

27 Herman F. Mueller '25BA '27LLB and his wife have lived in Rockport, Mass., since his retirement as an attorney for the Interstate Commerce Commission in December 1965.

34 Terrance Hanold '34BSL '36LLB, Minneapolis, retired as chairman of the Pillsbury Company's executive committee and a member of its board of directors in late 1975. He joined Pillsbury's law department in 1946 and 10 years later was elected treasurer; in 1958 he became controller and was elected vice president of finance in 1960, a company director in 1961, was given international responsibilities in 1963, elected president in 1967 and chairman of the executive committee in 1972. He has represented the food industry before governmental and private agencies and was a member of the Food Industry Advisory committee, a part of the Nixon

Administration's Phase Three Economic Stabilization program. He has also been and remains active in more than 20 educational, cultural, business and governmental organizations.

42 Donald E. Clayton '40BA '42LLB, Minneapolis, was named vice president of corporate development by the Radisson Hotel Corporation in late March. He had been senior vice president of the hotel division of Investors Diversified Services since 1970.

Stephen F. Keating '42LLB, chairman of the board of Honeywell, Inc., Minneapolis, was elected chairman of the board of trustees of the Mayo Foundation, Rochester, Minn., in mid-February. He joined Honeywell in 1948 as a contract administrator in the company's aeronautical division and was named vice president of that division in 1954. Three years later he took charge of all Honeywell military and space activities. In 1961 he was elected an executive vice president and became president in 1965. In addition to his service on the Mayo board — a position he has held since 1971 — he is also a director of General Mills, Inc., First Bank System, Toro Manufacturing Corporation and Dayton-Hudson Corporation. He has been a leader in the Twin Cities in working to solve problems of race relations and poverty, having served as president of the Urban Coalition of Minneapolis.

49 Gerard J. Ochs '49LLB, Bloomington, Minn., formerly senior trial attorney for the Twin Cities region, is now legal manager for the same regional office of Employers Insurance of Wausau in Edina, Minn. He joined Employers in 1952.

51 Charles W. Arnason '50BS '51LLB, Minneapolis attorney, became the Minneapolis Star & Tribune Company's senior vice president on January 1. A partner in the law firm of Wright, West, Diessner & Arnason, he had served as the Star & Tribune Company's legislative counsel since July 1974. He was also general counsel for the Minnesota Experimental City project.

55 Gordon R. Erickson '55JD, New Canaan, Conn., secretary and general counsel of General Housewares Corporation since January 1973, has

been elected a director of the corporation. Earlier he was a partner in the Stamford, Conn., law firm of Cummings & Lockwood.

Thomas E. Holloran '55LLB, former president of Medtronic, Inc., Minneapolis, was elected president of Inter-Regional Financial Group, Inc., (IFG) in mid-March. He joined Medtronic in 1967 as executive vice president and served as president from 1973-75. Before his association with this firm, he practiced law in Minneapolis for 13 years, specializing in corporate and security law. He is a commissioner of the Minneapolis/St. Paul Metropolitan Airports Commission, a director of the Walker Art Center and a trustee of the College of St. Scholastica in Duluth, Minn.

61 Robert A. Stein '61JD is associated with the law firm of Simon, Schneider & Zimmerman, P.A., Minneapolis.

62 Michael P. Sullivan '62LLB, an attorney and partner in the Minneapolis law firm of Gray, Plant, Mooty & Anderson, is currently serving as chairman of the board of governors of St. Mary's Junior College.

67 Thomas C. Field '67LLM has been elected vice president, corporate development and marketing, for Graco, Inc., Minneapolis. Since joining the firm in 1968 as legal counsel, he has served as general manager of the Chicago facility and the Fluid System division.

72 Charles S. Zimmerman '72JD has become a member of the Minneapolis firm of Simon, Schneider & Zimmerman, P.A.

73 Susan Abild Marrinan '69BA '73LLB, Minneapolis, has been named Affirmative Action Administrator in Economics Laboratory's (St. Paul) Personnel & Industrial Relations department. She previously worked for the Prudential Insurance Co., Minneapolis.

Business Administration

34 George Pennock '34BBA, Minneapolis, past president of the Minnesota Alumni Association, has resigned his post as chief executive officer of the Tennant Company. In 1963 Pennock became president of the company which he joined as a young man to work with his father and was named its chairman in 1975. He will continue as chairman of the board.

47 James J. Boosalis '47BBA, Memphis, Tenn., has been named executive vice president of Trans-Agra Corporation in Memphis. He was vice president in charge of the Fleischmann division of Standard Brands, New York, before joining Trans-Agra. He has also held executive positions with United Foods, Inc., Jenos, Inc., the Frozen Foods division of American Bakeries and John Morrell & Company.

Lennart H. Carlson '47BBA, Rocky River, Ohio, has been elected to the newly-created position of vice president and comptroller of the Hanna Mining

Company, Cleveland. He joined Hanna in 1943 in Minnesota and has been comptroller since 1965.

Wendell L. Olson '47BBA, Minneapolis, president of Fourth Northwestern National Bank, is vice chairman of the board of governors of St. Mary's Junior College. He is also a member of the executive committee of the Minnesota Alumni Association.

Paul F. Reed '47BBA has been appointed director of the Office of Church Building and Refinancing for the Division for Mission in North America of the Lutheran Church in America, headquartered in New York City. He has held a number of marketing management positions with the NCR Corporation for over 28 years.

William G. Wolston '47BSB, formerly corporate advertising manager, has been promoted to manager, advertising and marketing services, by Conwed Corporation, St. Paul. He joined Conwed in 1949 as advertising assistant and since has held a variety of jobs in divisional and corporate advertising.

48 Phillip A. Christenson '48BBA is director of compensation for 3M Company, St. Paul. He joined the company in 1949 and most recently was manager of salaried personnel administration.

Harold A. Sorenson '48BBA, La Crosse, Wis., has been promoted to project manager within corporate systems planning at The Trane Company. He joined Trane in 1957 and was their corporate systems development manager before this promotion.

51 Leonard L. Johnson '51BBA, formerly group director of sales for The Toro Company's Distributing division, is now director of marketing. He came to the company in 1973 as director of marketing in the Outdoor Power Equipment Group's consumer division after holding positions with Hamm Brewing Company, General Mills and Proctor & Gamble.

55 J. Roger Grier '55 is publisher of the Trenton (N.J.) Times Newspapers. He previously was their general manager. He had held this same position with the Duluth New-Tribune and Herald.

56 William F. Thoele '56BBA, formerly assistant general manager and director of operations for turf irrigation, has been named to the newly-created post of group director of planning and controls for The Toro Company. He joined Toro in Minneapolis in 1961 as chief accountant, after four years with the General Electric Company.

Thomas W. Porter '56BBA, Keene, N.H., is now tax attorney for the NGM Group. He has been a member of the insurance company's legal staff for nine years.

59 Richard L. Gehring '59BBA is vice president of defense and aerospace for Sperry Rand Corporation, New York. He formerly served the company as vice president, Systems Division of the Sperry Univac Worldwide Development and Manufacturing operations in BLUE Bell, Pa., and as vice president and general manager of Sperry Univac's Defense Systems division in St. Paul. He joined Sperry Univac in 1955.

Alumna's cookbook tells of Minnesota pioneer foods

A new and different cookbook that combines lively social history with mouth-watering recipes from "the good old days" was published recently by the Minnesota Historical Society Press.

Food on the Frontier: Minnesota Cooking from 1850 to 1900 with Selected Recipes, a 314-page volume, was written by Marjorie Kreidberg '48BAJourn, St. Paul.

Based on cookbooks, household guides, letters, diaries and newspapers, the book describes the vital role played by pioneer housewives during the years Minnesota grew from a sparsely-settled territory to a sophisticated commonwealth. Woven into the story are the dramatic changes that took place in flour milling, food processing, agriculture, transportation and technology in the state. Over 275 recipes are sprinkled throughout the text and organized and indexed in a separate chapter.

Mrs. Kreidberg stresses that an "underlying code of hard work and constant effort" prevailed on the frontier, where life was often an exercise in sheer survival. She relates how ingenious women fed their families in the face of short food supplies, inadequate storage, adulterated foods, primitive utensils, lack of cash money in a subsistence economy, and deprivations caused by grasshoppers and other natural disasters.

In addition, she points out, women of the 19th century were guided by standards which equated one's domestic talents with moral absolutes. "Bad dinners go hand-in-hand with total depravity; while a properly fed man is already half saved," according to the author of one early household guide.

Mrs. Kreidberg tells how the homemaker, confronted with these thorny problems, rapidly learned to adapt (pemican, the nourishing staple of the Indian diet, sold in St. Paul for 10¢ a pound in the 1850s); make do (when out of precious flour, she ground corn or wheat in a coffee mill); substitute (a piece of fried codfish skin clarified coffee as efficiently as scarce eggshells); and alter (potatoes or pumpkin soaked in vinegar became mock mincemeat).

An entire chapter in her book is devoted to making bread, "The ultimate yardstick of domestic accomplishments." Other chapters present an overview of frontier home life, storage cellars and their contents, canning and drying vegetables and fruits, pickling, preserving meats, and fowl and fish, kitchens and their furnishings, and descriptions of Minnesota cookbooks.

Many of the recipes have been tested and adapted by Mrs. Kreidberg for modern kitchens. Most will add interest to 20th century menus and some will change the more adventurous or experienced cook, such as those for St. Paul Poor Man's Brown Bread, Toad-in-the-Hole, Sidney Smith's Winter Salad and Hard-boiled Egg Cookies, to name a few.

Largely devoid of such 20th century refinements as precise measurements and directions, the recipes provide a humorous, but telling, commentary on the skills of the housewife and the foodstuffs at her disposal — "Opossum, raccoons and other small animals are good if you think so. . ."; "Dis-trust the condiment which bites too soon;" "(Take) 25¢ worth of shank beef and boil all day;" or "green marsh frogs furnish the best hams."

Mrs. Kreidberg is a gifted cook who became interested in pioneer cookery when she discovered the collection of early household guides in the Minnesota Historical Society Library in 1964. She was then a part-time editorial assistant in the society's publications division.

A native of Kansas, she has lived in Minnesota for nearly 30 years. She and her husband, Irving, live in the Highland Park area of St. Paul.

Food on the Frontier, which includes a hundred old-fashioned illustrations of cooking paraphernalia and kitchen interiors, is fully annotated and indexed. It is available from the Minnesota Historical Society Book and Gift Shop at 690 Cedar Street in St. Paul at \$6.50 for the soft cover edition and \$10.50 for the hard cover (Minnesota residents should add % sales tax, plus 50¢ for postage and handling).



PHILADELPHIA ORCHESTRA PLAYS BENEFIT FOR SCHEIE EYE INSTITUTE — Eugene Ormandy, left, musical director and conductor of the Philadelphia Orchestra, recently visited Scheie Eye Institute in Philadelphia, Pa., with Dr. Harold G. Scheie '31BS '35MD, founder and director of the institute which houses the 102-year-old department of ophthalmology of the University of Pennsylvania School of Medicine. Dr. Scheie gave the maestro the grand tour, including the out patient examining rooms. Ormandy conducted the Philadelphia Orchestra in a benefit performance for the Scheie Eye Institute in mid-May. Pianist Andre Watts was the guest soloist.



ONE OF 1976'S OUTSTANDING — Kenneth E. Winsness '49BSFor, director of student services in the University of Minnesota's College of Forestry, was one of five recipients of the 1976 Rose and Jay Phillips Awards for outstanding Minnesota handicapped employees.

University College

70 Mark E. Heitlinger '70BA, who recently received his master's degree in geography from the University, has been appointed coordinator of preserve management for the Minnesota chapter of The Nature Conservancy. His appointment marks a new phase of land management for the Minnesota chapter which has preserved and protected more than 20,000 acres of natural lands in the state for scientific, educational and aesthetic purposes over the last decade.

72 Robert S. Ryan '72BS has received his JD degree from the University of Puget Sound, Tacoma, Wash., and has passed the bar examinations in Minnesota.

College of Liberal Arts

23 Dr. Jessie R. Bernard '23BA '24MA, Washington, D.C., professor emerita of sociology at The Pennsylvania State University, has been named the Kurt Lewin Award recipient for 1976 by the Society for the Psychological Study of Social Issues, a division of the American Psychological Association. This award, the nation's highest honor in the field of social psychology, is given each year for "outstanding contributions to the development and integration of psychological research and social action." Dr. Bernard retired in 1964 from Penn State

where she had served as professor of sociology for 18 years. She previously taught at Lindenwood College for Women, St. Charles, Mo.; was a statistical analyst for the Bureau of Labor Standards; and a research investigator for the Railroad Retirement Board. Since her retirement she has held several positions, including as a scholar in residence for the U.S. Commission on Civil Rights and as a visiting fellow at the National Institute on Education. The American Sociological Association recently established the Jessie Bernard Award to be given in recognition of a combination of scholarly and humane contributions by a sociologist; Penn State honored her in April with the 1976 Emerti Distinction Award of the College of Liberal Arts Alumni Society; and she received an honorary Doctor of Humanities degree from Washington University in May. The University of Minnesota has presented her its Outstanding Achievement Award.

28 Walter O. Lundberg '28-'30, who recently retired as director of the Hormel Institute, Austin, Minn., which is affiliated with the University of Minnesota Graduate School, was the 1975 recipient of the Award in Lipid Chemistry of the American Oil Chemists Society. He was also a professor of biochemistry at the University.

30 Betty Ebeling Kane '30BA '31MA, Golden Valley, Minn., former DFL state chairwoman and a member of the board of the Minnesota Alumni As-

sociation, has been appointed to the Metropolitan Council by Minnesota Governor Wendell Anderson. She has served on a variety of boards and committees under three DFL governors, including the Committee on Suburban Problems, the Citizen-Legislator Committee on Reapportionment and the Ethics in Government committee under Orville Freeman; the Bipartisan Reapportionment committee under Karl Rolvaag; and the Constitutional Study Commission under Anderson. She was a delegate to the National Democratic Conventions in 1964 and 1968; has served three terms on the League of Women Voters state board; and is a director of the Citizens League.

32 Marion Murphy Murra '32BA retired in July 1975 from the staff of the Pueblo Regional Library, Pueblo, Colo., where she had served successively as head of reference and assistant director. After obtaining her advanced degree in library science from Columbia University in 1933, she was head librarian of the Medical School Library at Washington University, St. Louis, and, later, head of technical services of the university library at Arizona State University, before coming to Pueblo in 1965.

34 Hedley Donovan '34BA, Sands Point, N.Y., editor-in-chief of Time Inc., has been elected to the board of trustees of the Ford Foundation. He is also a trustee of New York University, Mount Holyoke College and the Carnegie Endowment for International Peace; a director of the Council on Foreign Relations; and a fellow of the American Academy of Arts & Sciences. He served on President Johnson's Task Force on Education in 1964 and on a three-man team sent to the Soviet Union as official American observers of the Supreme Soviet election in 1958. He joined Time Inc., in 1945, first working as a writer and later as an editor of *Fortune* magazine. He had worked as a reporter for the *Washington Post* from 1937-42; became editorial director of Time Inc. in 1959, and editor-in-chief in 1964.

46 Vernon Blikstad '46, Minneapolis, a life-long Lutheran, is probably the largest single distributor of Bibles in the United States, according to an article about him in the *Catholic Bulletin*. In the past three years alone he has put into people's hands some 350,000 Bibles and Bible excerpts, bringing his lifetime total Scripture distributions to something over a half million. His work with the Scriptures assumed a special ecumenical flavor in 1968 after he had attended the International Conference on Charismatic Renewal in the Catholic Church at Notre Dame University, the *Bulletin* said. And he has since been distributing Bibles to Catholic homes. An insurance salesman only when he has to be, Blikstad spent three and one half years at Northwestern Seminary and taught journalism at Minnehaha Academy in Minneapolis following his attendance at the University. He spends every Sunday afternoon at the Veterans Administration Hospital in Minneapolis as an American Legion chaplain.

46 E. B. Moffet, Jr. '46BS, Edina, Minn., vice president of the Commercial Tape & Gift division of 3M Company, St. Paul, was elected vice president and chairman of the Manufacturers division of the National Office Products Association. He will also serve on the 1975-76 board of directors, executive committee and as chairman of the Manufacturers committee. He has been employed by 3M since 1947.

48 Earl E. Pollock '48BA *magna cum laude*, Winnetka, Ill., recently received the Alumni Medal, the highest singular honor that the Northwestern University Alumni Association can confer upon an alumnus. He is a partner in the Chicago law firm of Sonnenschein Carlin Nath & Rosenthal, a board member and former president of the Northwestern University Law Alumni Association and a board member of Northwestern Memorial Hospital.

51 Bruce A. Poulsen '51BA has been promoted to chief legal officer of the Prudential Insurance Company's North Central home office in Minneapolis.

53 John W. Mashek '53BA is White House correspondent for *U.S. News & World Report* in Washington, D.C.

54 David H. Carnahan, Jr. '54-'57, Hewlett, N.Y., who joined the United States Trust Company in 1962, has been named a senior vice president of the firm. A group head in the company's Investment division, he is a member of two of the Trust Company's important decision-making bodies.

56 Allan C. Lund '56 has joined Deferred Compensation Administrators, Inc. as pension actuary. He previously worked for 16 years with Northwestern National Life Insurance Company.

Ernest C. Pierson '56BA has become executive vice president of Midland National Bank, Minneapolis.

57 U.S. Army Reservist Major Roger E. Papke '57BA, Fridley, Minn., who serves as assistant plans officer, 88th U.S. ARCOM, recently received an Army Commendation Medal for meritorious service. Papke, who has been in active and reserve military service since 1957, is a photographer for the State of Minnesota Bureau of Criminal Apprehension in St. Paul.

60 Munier "Kade" Kadrie '60BA, Wayne, Pa., has been named national accounts manager of Smith Kline & French Laboratories. He joined Smith Kline in 1966 as a professional sales representative and held a number of sales positions since, most recently as manager of field training and development.

James Milton '60-'62, Laurel, Md., senior city air freight agent for Trans World Airlines in Washington, D.C., recently received the Trans World "Award of Excellence." The award is presented to employees who have shown continued excellent performance in their particular positions. He has been with the airlines for over 10 years.

Pharmacy

61 Robert E. Luedke '61BPhM has been named a director of marketing plans for Eli Lilly and Company, Indianapolis, Ind. He joined Lilly as a sales representative in Alexandria, Minn., in 1963 and has served in the Minneapolis sales area, as a sales training associate, manager of the Grand Rapids (Mich.) and Detroit (Mich.) district, as manager of sales training and as a marketing plans manager.

Dentistry

26 Dr. Cleary C. J. Fredell '26DDS, Hector, Minn., and his wife Ruth Doh Fredell '25BA have recently returned from a European trip. Fredell was in charge of publicity for the 1926 Homecoming game at which Minnesota beat Illinois and Red Grange.

31 Dr. Herbert Grewe '31 DDS, Eau Claire, Wis., was one of 11 persons recently appointed by the U.S. Department of Health, Education & Welfare to serve on the National Advisory Council of Regional Medical Programs. Grewe, who has practiced in Eau Claire since 1932, is a past president of the

Wisconsin Dental Society and former member of the Wisconsin Board of Health and Social Services. He has been a member of the Eau Claire City-County Health Board since 1947.

46 Dr. Gordon L. Lundholm '46DDS Lake Elmo, Minn., who has practiced dentistry in St. Paul for more than 30 years, has been elected secretary of the Delta Dental Plan of Minnesota. An assistant professor of oral surgery at the University of Minnesota, he has served as the Minnesota Dental Association's Public Information chairman and as a member of the Association's Dental Health Education, Dental Health Care and Publications committees. A past president of the St. Paul District Dental Society, he has been a Minnesota delegate to the American Dental Association for six consecutive years.

62 Dr. Vernon R. Steffens '62DDS, Golden Valley, Minn., has been elected to the board of directors of the Delta Dental Plan of Minnesota. A clinical instructor in prosthetic dentistry at the University, he is the former chief of the Dental section at the Golden Valley Health Center. In addition to practicing

in Minneapolis, he lectures extensively on the use of nitrous-oxide sedation. He is a past president of the Northside Dental Society and currently on the Minneapolis Dental Society's Executive Council and Ethics committee.

64 Dr. James H. Barthel '64DDS recently received his MS degree in periodontology from the University of Iowa.

Health Sciences

50 Walter J. McNearney '50MPH, Winnetka, Ill., president of the Blue Cross Association, has been elected to the executive committee and board of directors of the National Center for Health Education.

59 W. James Hindman '59MHA became a member of the Western Maryland College (Westminster, Md.) coaching staff in early 1976. Active in the field of hospital administration since college and president of W.J. Hindman and Associates, Inc., Randallstown, Md., he has coached in the Baltimore area for the past seven years and served as an assistant football coach at the Community College of Baltimore since 1974.

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30-39	24.30	39.00	53.10
40-49	35.40	48.60	51.60
50-59	51.60	60.30	42.60
60-64*	69.00	74.10	26.55
65 and over*	69.00	74.10	26.55

*Renewal only. At age 65, benefits reduce to \$21 per day and double benefits for cancer terminate. A \$1.50 administration charge will be added to each bill.

- 6. Even the "fine print" makes sense.**
Naturally there are some limitations to your coverage, and it's important that you understand them before you enroll.

Individual Terminations

Coverage is renewable regardless of age, as long as you pay your premiums, remain a member of MAA and the Plan remains in force. Spouse coverage is renewable regardless of age; unmarried, dependent children are covered from birth to age 25. If the insured member dies, eligible survivors may continue their coverage.

Pre-Existing Conditions

Any pre-existing conditions (conditions treated or diagnosed within 12 months before this coverage's effective date) will not be covered until after 12 consecutive months have passed during which no treatment for that condition was rendered or recommended, or until after 2 years have elapsed since your effective date.

*Source Book of Health Insurance Data 1974-75

Exclusions:

Pregnancy, childbirth, or miscarriage; declared or undeclared war or any act thereof; military service; attempted suicide while sane or attempted self-destruction while insane; treatment in a VA or federal government hospital (in Minnesota, charges by such institutions are covered); congenital anomalies of dependent children.

ENROLL NOW

Complete the Enrollment Form below, and mail it with a check for your first semi-annual premium to: MAA Group Insurance Administrator Suite 500, 400 South County Road 18, Minneapolis, Minnesota 55426. Coverage will be effective on the first of the month following approval of your Enrollment Form and receipt of your first premium.

\$30 PER DAY MAA GROUP HOSPITAL MONEY PLAN ENROLLMENT FORM

Underwritten by CNA Continental Casualty Company CNA Plaza, Chicago, IL 60685

Name _____
First Middle Last

Address _____

City State ZIP _____

Member's Date of Birth _____ Member's Graduation Date _____
Mo. Day Yr. Mo. Yr.

Select Coverage Below:

- Member only Member, spouse and children
 Member and spouse Member and children

If applying for dependent coverage, complete the following:

SPOUSE NAME _____ BIRTH DATE _____

CHILD'S NAME _____ BIRTH DATE _____

CHILD'S NAME _____ BIRTH DATE _____

CHILD'S NAME _____ BIRTH DATE _____

Cost Computation:

Male semi-annual premium \$ _____
+ Female semi-annual premium \$ _____
+ Children semi-annual premium \$ _____
+ \$1.50 administrative charge = \$ _____

My check for \$ _____ is enclosed.
(Make check payable to "MAA Hospital Money Plan".)

I understand that insurance shall not become effective for me or any of my dependents who are hospital confined, disabled, or receiving payment for a claim on the date it would otherwise become effective. I understand that this plan will not pay benefits for any disease or physical condition for which advice or treatment has been received during the past 12 months until 12 consecutive treatment-free months have elapsed, or until coverage has been in force for 2 years.

Date _____
Signature X _____

PL 79689-A22 and riders

This is intended as an outline of coverage. Details will be more fully explained in your Certificate of Insurance.
THIS PLAN IS OFFICIALLY SPONSORED, ENDORSED AND RECOMMENDED BY THE MINNESOTA ALUMNI ASSOCIATION.

Faculty receive undergraduate education awards

Five University Twin Cities campus faculty members received awards for outstanding service to undergraduate education this spring.

Honored with the Horace T. Morse-Amoco Foundation awards are Julie A. Carson and Patricia M. Fergus, assistant professors of English; Michael Q. Patton, assistant professor of sociology; Vera M. Schletzer, professor in Continuing Education and Extension; and Magnus Olson, professor and head of the department of zoology.

The award — \$500 and a certificate — were presented to the educators during commencement exercises or recognition dinners for their respective colleges.

Among the criteria employed for selecting the outstanding faculty members were quality of teaching, development of new approaches to undergraduate education and organizational functioning within the University and professional associations.

University retirees honored

More than 175 retiring University of Minnesota faculty and staff personnel were honored in mid-May during a ceremony on the Minneapolis campus.

University president C. Peter Magrath, academic affairs vice president Henry Koffler and personnel director William Thomas presented citations and small gifts to 55 faculty and 123 staff members at a reception in the Great Hall of Coffman Memorial Union.

Among those retiring are Otis Dypwick, sports information director, and Herschel Lysaker, assistant to the provost of the Crookston campus, both faculty members since 1944; and Leon C. Synder, director of the University Landscape Arboretum, a faculty member since 1945.

Ozbun heads Hort Science

Jim L. Ozbun, associate director of the Cooperative Extension Service and vegetable crops professor at Cornell University, Ithaca, N.Y., has been named head of the Department of Horticultural Science & Landscape Architecture at the University of Minnesota.

He has been the associate director for Extension with responsibility for agricultural programs since 1974. From 1971-75, he served as chairman of the vegetable crops department and, from 1967-70, he was an assistant director of the research and experiment station at Cornell. He was an assistant professor in vegetable crops from 1964-67.

He received a bachelor of science degree in 1959 and a master of science degree in 1961, both in soil science from North Dakota State University, and a doctorate degree in 1964 in soils and plant physiology from the University of North Carolina.



Gerhard Neubeck

Neubeck will head national association

Gerhard Neubeck, University family social science professor, has been elected president of the National Council on Family Relations. A professional organization with an international membership of about 5,200 persons, its purpose is to provide opportunities and establish professional standards for those interested in family research, counseling and education.

Neubeck, a past president of the American Association of Marriage and Family Counselors, has been a University faculty member since 1948. He has been the recipient of the Horace T. Morse-Amoco Foundation award for excellence in teaching and is the author of many books and articles in the field of family relations.

He will take office as president-elect in fall 1976 and as president in fall 1977.

By Popular Demand . . .

ANNOUNCING Section Two of the

Scandinavian ESCAPADE



The Town Hall in Copenhagen



Norway's Fjord Country

July 27 to August 5, 1976

Now you can go, too!
Same Itinerary — Same Hotels
Same Ship as Section One

Fly round trip on Pan American 707 jet charter, Minneapolis to Bergen, Norway, returning from Copenhagen. Complimentary in flight beverage service and first class cuisine.

Spend four days of this nine-day tour aboard the MTS Apollo, cruising the famous Sognefjord and the picturesque North Sea coastline. Enjoy your ship's first class staterooms, sumptuous food and fine recreational facilities and entertainment. Only expenses aboard ship are ship store purchases, drinks and tipping.

Delight in nearly a full day in Oslo, beautiful capital of Norway, before cruising to Copenhagen for four days and nights in this fascinating Danish city. Full American breakfast provided each day at the deluxe new Scandinavian Hotel where you lodge.

Same price (both trips): \$899 per person, plus 10% tax & services. Plus \$39 extra charge for increase in oil price affecting cruise ship. A deposit of \$175 is required with your reservation.

Section Two:
July 27-August 5, 1976

SCANDINAVIAN ESCAPADE II

Send to: Minnesota Alumni Tours
2610 University Avenue
St. Paul, Minnesota 55114

Please make _____ reservations in my name.

Membership # _____ Expiration date _____
Name _____
(Please include first)

Address _____
City _____
State _____ Zip _____

Phone Number _____
Names of individuals traveling with _____
(Please include first names)

In the travel arrangements, I prefer the smoking section; the no smoking section.

\$175 deposit required per person. Make checks payable to Scandinavian Escapade.

Legal Services Program planned for students

Students at the University of Minnesota Twin Cities campus soon will have a legal services office to handle their legal problems just as they now have a health service for medical problems.

Under a plan approved in mid-May by the Board of Regents, students will be served by a staff of four attorneys and several paralegal assistants. The program will receive \$1 of the student fees paid by every full-time student.

Jane Bush, University law student and a member of the Twin City Student Assembly legal services committee, said the program will move into operation gradually, and is not expected to be fully operational until next fall.

A major activity of the program will be education in preventive law, Bush said, and that effort will begin as soon as possible.

Similar programs have been set up in about 10 schools across the country, including the University of Southern California, Arizona

State, the University of Massachusetts at Amherst and Indiana State University.

The service will be designed to handle the legal aspects of contracts, consumer and financial transactions, disputes with administrative agencies and domestic relations. Criminal case representation will be limited to traffic cases in which the individual is in danger of driver's license suspension.

In felony and misdemeanor cases, students will be referred to a public defender. The new service also will help students prepare simple wills and will offer advice and referral on probate matters.

There are a number of areas in which legal assistance will not be available through the program: lawsuits for personal injury, property damage suits in which lawyers' fees; cases involving real estate transactions, trust and estate matters and tax matters, except for educational materials on personal income tax; and

class action suits, suits against the University and anti-trust actions.

A Student Life Studies Survey of University students earlier this year found that 85 percent had little understanding or knowledge of their legal rights and responsibilities and that nearly 90 percent were unable to secure and pay for legal assistance independently.

Nearly three-quarters of those surveyed said they had experienced legal problems. Equally high percentages of students endorsed a legal services program and were willing to pay for the program through their student fees.

Bush said that the new legal services program is different from the current Legal Aid program operating through the Law School.

Legal Aid is established to provide law students with a wide variety of case experience and has restrictions on income for those it serves.