



FLYING HIGH at street level is Daily reporter Phil Hoyer in a Link trainer in the Oak street laboratory. Don Lincoln, supervisor of flight activities, shows the controls to the reporter, before the flight. This Link and one other are used in aeronautical engineering.

Washed Out

'Little Plane' Takes Reporter for Loop

By Phil Hoyer

A Link trainer eliminates all the physical hazards of flying but to a beginner like me it still seems like a nightmare.

Two Link trainers are used for instructing aeronautical engineering students at the Oak street laboratory. Don Lincoln, supervisor of flight activities, teaches the students.

For my first flying experience, I climbed into the cockpit of the Link, while Lincoln started the dummy plane to show me how it operated.

He pointed to an instrument with a small plane on it. This shows the plane's relationship to the horizon.

He explained the operation of the rudder pedals to turn the plane, the wheel to dive or to climb and how to turn the wheel right for a right bank and left for a left bank.

Then he released the straps that freeze the ground bound trainer and closed the hood. By the green glow of the instrument panel inside the dark cockpit, I was going to fly.

With the wheel back, the altimeter showed the Link was climbing at 500 feet a minute. The air speed read 160 m.p.h. and I pushed the wheel forward to "level off."

U Comptroller Heads Discussion in Canada

L. R. Lunden, university comptroller, will preside over a panel discussion on "Contractual Relations with the Federal Government" Monday in Toronto, Canada.

He will attend the thirty-first annual meeting of the Eastern Association of College and University Business Officers there.

Lunden heads the joint committee of business officers of the Association of Land Grant Colleges and Universities and the National Association of State universities.

Members of the panel will include representatives of the United States navy, the atomic energy commission and Pres. Truman's committee on scientific research and development.

Acheson Speech Tickets For Dec. 12, Free Here

Nearly 2,000 free tickets for a speech by Secretary of State Dean Acheson will be obtainable today through Dec. 12 in 112 TSMc.

Acheson will speak Dec. 12 in the St. Paul auditorium before the Farmers' Union Grain Terminal association on "United States Foreign Policy."

Individually Designed

Occupational Therapy Aids Cure

By Bernice Schumacher

A patient recovers from illness or accident not by medicine alone but also through occupational therapy.

For example, a polio patient learned to use his hands again in part by playing checkers; finger painting helped teach a young lady to meet life's problems.

Both were patients at University hospitals who improved through methods of therapy designed especially for their needs.

Polio had left the one with paralyzed fingers after the active disease was cured. Since the patient enjoyed playing checkers, the occupational therapist made a checker board with holes into which pegs fit for checkers. Each move required a bit of muscle work in the fingers to pull the peg from the hole. As the fingers grew stronger, slightly larger pegs were used.

The young lady, a mental patient, presented a different problem.

"She came to the hospitals quite depressed and unable to express any feeling she had, even hos-

pitality," says Winifred Phelps, instructor in occupational therapy.

The nurses showed her how to finger paint and perform needlework, simple things at first so that she would finish the job she started.

"She had poor mental habits," explained Miss Phelps. "Many patients never carry through a job. Or perhaps they never start anything. They have to learn the feeling of finishing a job."

This particular patient painted somber pictures at first but used brighter colors as she progressed. "She now does beautiful painting and has sold some of her work," says Miss Phelps.

The type of therapy program is prescribed by the patient's doctor during treatment, but the occupational therapist works out the details. She has a large selection of projects to choose from.

The therapy department in temporary west of the hospitals is for general hospital and out-patients. It includes a printer's typecase, looms for making

Something for the Fish

Artesian Water Replaces Chlorine

By Jim Tintner

Apparently fish can't stand Minneapolis water either—so an artesian well is being dug next to the Zoology building to supply pure water for the Zoology aquarium.

"City water is so treated chemically that it is hard to keep many aqua forms alive," said Dwight E. Minnich, chairman of the department of zoology.

"It will take us about five weeks to finish the well," said Ed Freeburg, construction chief. The crew has dug 40 feet since yesterday. "We have about 300 or so feet to go," said Freeburg.

There are five strata for the crew to dig through before they reach the Jordan strata (of Jordan sandstone) where they will find the water.

The digging device used by the truck is a huge steel cutting blade which is lifted and dropped into the hole. Freeburg holds the cable as it goes up and down. "I can tell by the feel when we move from one strata to the next."

Another long tubular scooping device is used to bring the dirt out of the ground.

"The next layer we will hit is the lime rock bed," Freeburg said yesterday. "That is the most difficult to dig through and will determine how long the project will take."

"It could take up to three months," he said. Until the water level is reached, a pump of correct capacity cannot be ordered. This will delay actual completion of the work until sometime after the first of the year. R. V. Lund, assistant supervising engineer, said yesterday.

The **Minnesota** State Hist. Society St. Paul Minn. **Daily** MINNESOTA HISTORICAL SOCIETY

World's Largest College Circulation

The University of Minnesota, Saturday, December 2, 1950



Judie Scott

Sigma Chi's Pick Annual Sweetheart

Judie Scott, education junior, was named Minnesota's Sweetheart of Sigma Chi yesterday.

Miss Scott, Delta Gamma representative, was chosen from 19 candidates. She will represent the fraternity in campus queen contests and will be hostess at all Sigma Chi functions. She also will represent the local chapter in the national Sweetheart of Sigma Chi contest next year.

In a ceremony at the chapter house Miss Scott was presented with the traditional bouquet of red roses and a Sweetheart trophy.

Seal Receipts Reach \$1,210.86

Receipts yesterday in the Christmas seal drive topped the \$60 daily rate of increase over last year's sales by \$15.

The take hit \$174.12 to bring the total at the five-day mark to \$1,210.86. This includes \$51.37 more than the 4 p.m. total reported in yesterday's Daily.

Last year's total at the five-day mark was \$811.54.



Symphony to Play DeFalla Work

"El Amor Brujo," (Love the Sorcerer) by de Falla with Adylene Johnson, contralto, as guest soloist will be the primary work of the Minneapolis symphony orchestra's twilight program tomorrow.

The concert will be given at 4:30 p.m. in Northrop auditorium.

Tickets at 50 and 75 cents and \$1 are on sale in 106 Northrop auditorium.

Dr. Kagawa To Talk Here Monday Noon

Dr. Toyohiko Kagawa, Japanese evangelist, will make his only appearance for Twin City college students at noon Monday in the Union main ballroom.

He will speak on "Christ in the Orient."

Concerned with a lasting peace, Dr. Kagawa favors world government and would like to see the United Nations developed into one. He believes this would take the strong police force which the UN now lacks.

Besides preaching his ideas, the doctor takes an active part in trying to make them work by serving as vice-president of the Union for World Federal government.

Other ways in which he has carried out his Christian ideals are by living and working in slums of Japan and by publicly taking a stand against his country's attack on China.

Sections of the ballroom will be set aside for students from the colleges of Augsburg, Hamline, Macalester, Lutheran Bible institute and Northwestern Theological seminary.

Dr. Kagawa is being sponsored by 20 religious groups from these colleges, in cooperation with the Minnesota and St. Paul Councils of Churches and the Minneapolis Church federation.

Newman Smorgasbord

The Newman club will have a smorgasbord from noon to 6 p.m. tomorrow in Newman hall. An open house will follow with religious discussion and a social hour.



MENTAL PATIENTS PUBLISH their own newspaper at University hospitals as part of an occupational therapy program. Mary Nelson, staff occupational therapist, directs the work of about 30 patients. The newspaper is one of the newer additions to the department. Patients also develop hobbies and occupations on electric saws, drill presses and a lathe for wood and metal.

Continued on page 4

What's Doing

TODAY

WMMR Schedule

4:45 p.m.—Frolics
5 p.m.—Twilight Time
5:30 p.m.—Classics
6 p.m.—News and Music
6:15 p.m.—Stompin Room Only
6:30 p.m.—Dinner with the Stars
7 p.m.—Do You Remember
7:30 p.m.—Saturday Evening Serenade
8 p.m. to midnight—Rendezvous with Requests

TOMORROW

★ ★ ★
OPEN HOUSE—10 p.m.—Presbyterian student house.
CHRISTMAS SEMI-FORMAL—9 p.m. to 1 a.m.—Union main ballroom.

Outings Committee Sets Skating Party

The Union Outings committee will hold a skating party at 7:30 p.m. Wednesday in Williams arena.

Following the skating at 8:30 p.m. the group will meet in the Union gameroom for square dancing and refreshments. The event is open to all students. Tickets at 25 cents are available at the Union information booth.

Following each activity the group meets to plan its next social event. The year's activities will end with an overnight canoe trip from Taylors Falls to Stillwater.

This year is the first time since before the war that an outing club has been organized.

100 Tickets Left For Union Dance

Some 100 tickets still are available for the "Happy Holiday" semi-formal, to be held from 9 p.m. to 1 a.m. today in the Union main ballroom.

The tickets, at \$1.80 a couple, will be on sale from 8 a.m. to noon today at the Union information desk, and at the door at dance-time.

Les Williams' orchestra will play for the dance, the fifth annual Christmas semi-formal sponsored by the Union board of governors.

Army ROTC to Hold Dance at Fort Snelling

The army ROTC cadet regiment will hold its fall informal dance at 8 p.m. Wednesday in the Fort Snelling officers club.

Harry Strobel and his orchestra will play for dancing and entertainment will be furnished during intermission.

Tickets at \$1.20 a couple are on sale in the Armory to army ROTC cadets.

Free Movies Will Show In New Location Monday

The free Monday movies, sponsored by the Union board of governors, will move to a new location, next week only.

"Waverly Steps," a 30-minute documentary on Edinburgh, Scotland, and "Jet Get-a-Way," a short on jet propulsion, will be shown from 11 a.m. to 1 p.m. Monday in 320 Union.

Pres. Morrill Will Attend New York Defense Meet

Pres. J. L. Morrill will leave for New York Sunday to attend a special meeting of the Association of American universities. The meeting is being held in connection with national defense, Marie Mousseau, the president's secretary, said.

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NEWMAN CHOIR REHEARSAL

1 p.m.—Newman hall.

TOMORROW

MINNESOTA FOLK AND SQUARE DANCE FEDERATION FESTIVAL—2 to 6 p.m.—Union main ballroom and cafeteria.

AIMME STUDENT CHAPTER TEA—4 p.m.—3427 Irving avenue S.

LSA SUNDAY EVENING CLUB MEETING—6:30 p.m.—Union main ballroom.

HOLY MASS—9:30, 11 a.m., noon—Center for Continuation Study.

NEWMAN CLUB SMORGASBORD—noon to 6 p.m.—Newman hall. Open house will follow, with religious discussion and social hour.

CHRISTIAN SCIENCE TESTIMONY MEETING—3 p.m.—Chapel of Center for Continuation Study.

HILLEL GRADUATE CLUB HAMMUKAH PARTY—8:15 p.m.—Hillel house. Admission: 45 cents.

WESTMINSTER FELLOWSHIP MEETING—5:30 p.m.—Andrew church, Eighth and Fourth streets S.E.

MONDAY

HASH SESSION—noon—Presbyterian Student house, 1628 Fourth street S.E.

STUDENT COUNCIL OF RELIGIONS MEETING—2 p.m.—207 YMCA.

Ag Campus TODAY

BARN DANCE—8 p.m.—Ag gym.

VETERINARY MED CLUB CHRISTMAS PARTY—8 p.m.—Coffey hall.

Art Gallery to Show Work of Cameraman

Thirty pictures by New York photographer Walter Rosenblum will be on display Monday through Jan. 25 in Northrop art gallery.

Several magazines have published pictures by Rosenblum, photography instructor at Brooklyn college since 1946. He was photographer for the signal corps during the war and for the Unitarian Service committee's overseas relief organization.

Fourteen of his prints are in the permanent collection of the Museum of Modern Art.

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Music

Myra Hess, Symphony 'Provocative, Elegant'

Last night's concert by the Minneapolis Symphony orchestra was, indeed, provocative.

Honors went to Myra Hess and her elegant playing of Beethoven's C minor Piano Concerto and to Antal Dorati for his presentation of Hindemith's first class "Symphonia Serena." The latter was beautifully performed.

In all frankness, the Concerto was not without its troubles. It suffered a near-miss when the orchestra almost entered before the pianist's long first movement cadenza was less than half-way through.

I wouldn't mention this faux pas except for the fact that everyone, orchestra, conductor and pianist, was on his guard after that devastating moment, causing some tightness in the orchestra and a few fluffs in the solo.

Hindemith's music, despite the program notes, is never difficult to listen to. Like the Krenek Third Piano Concerto and Messian's "L'Ascension," whole movements are given over to individual orchestral choirs: the second for winds and percussion, and the third for strings alone.

The program opened with a fairly good performance of Bach's Fourth Suite in D, also receiving, along with the Hindemith, its first performance here.

The program ended with a stirring performance of Wagner's Prelude to "Die Meistersinger," in which the orchestra produced some amazingly rich tones.

by Rosenberg 2 Faculty to Attend Child Welfare Meet

Two faculty members of the institute of child welfare will attend the Midcentury White House Conference on Children and Youth Sunday through Thursday in Washington, D. C.

John E. Anderson, institute director, will lead a conference work group on "Furthering Healthy Personality Adjustment During Young Adulthood," besides participating in other sessions.

Dr. Dale Harris, professor in the institute, also will take part in the conference. He is a representative of the American Psychological association.

ZTA to Hold Yule Party

Zeta Tau Alpha, academic sorority, will hold its annual Christmas party for underprivileged children Monday night at the chapter house. Twelve girls from the Phyllis Wheatley house will be guests.

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OFFICIAL DAILY BULLETIN

U Nursing Director To Speak in Brazil

Students and staff are urged to read The Official Daily Bulletin as they are answerable for notices that affect them. Please note that notices must be received by 10 a.m. of the day prior to publication. All notices should be sent to the Department of University Relations, 213 Administration. Except for certain notices of campus-wide importance, notices will be printed only once.

Vol. 51 Saturday, December 2, 1950 No. 78

General Notices

UNIVERSITY PRESS
A Pioneer in Northwest America, 1841-1858, The Memoirs of Gustaf Unonius, translated by Jonas Oscar Backlund and edited by Nils William Olsson. xii plus 419. 6 x 9. 4 pp. halftones. \$6.00.
Margaret S. Harding, Director

Colleges of the University

SCHOOL OF NURSING
The NINE tests for nursing education students will be given in 455 Chemistry building from 2 to 5 p.m., Dec. 5, 7 and 12, 1950. Attendance all three days is required to complete the tests.
Katharine J. Densford, Director

Notices to All Students

WINTER QUARTER CLASS SCHEDULE
Changes:
SW 260—VI-VII Th, II S, 150 ForH. Guilford.
New Sections:
Comm 2 (Sec. 8)—VIII MTWF, 115 TNM.
Draw 1 (Sec. 5)—I, II MTWF, 18 E.
IE 153 (Lab. 2)—V-VII Th, 180 ME.
New Courses:
IE 194—Applied Production Engineering. Mgt (3 cr.; prereq. 18 cr.). Ar. Tallied at 136 E.
ME 157—Gas Turbine, Jet Propulsion Power Plants (3 cr.; prereq. 150 or 150A), V MWF, 214 ME. Tallied at 136 E.
Physics 146—Vacuum Tubes, Associated Circuits (3 cr.; prereq. 144, cons instr.). Ar.
Cancellations:
Zool 109.
Vernon L. Ausen.

SCHOOL OF PUBLIC HEALTH

Date: Monday, Dec. 4, 1950.
Time: 4 p.m.
Place: 113 Medical Science.
Speaker: Dr. Gaylord W. Anderson, Mayo professor and director, school of public health.
Topic: "Poliomyelitis Following Immunization."

Seminar

CANCER BIOLOGY SEMINAR
Date: Monday, Dec. 4, 1950.
Time: 8 p.m.
Place: 129 Millard hall.
Speaker: John D. Ross.
Topic: A review of some theories on the genesis of mammary cancer in mice.

FRENATAE

The Frenatae, the entomological club of the University, will meet in 307 Coffey hall, Ag campus, at 4:30 p.m., on Monday, Dec. 4, 1950.
Speaker: Dr. A. L. Burroughs.
Subject: 406 Medical General Laboratory in Tokyo.

Ag Barn Dance Group To Hold Final Meeting

The last meeting of the Saturday Night barn dance group will be held at 8:30 p.m. today in the Ag gym.
Leroy Fish, agriculture senior, will be the caller for the old-time dances. Refreshments will be included in the 40-cent admission charge.

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MINNEAPOLIS Symphony Orchestra

ANTAL DORATI, Conductor

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NEXT SUNDAY, 4:30 P. M., DECEMBER 3

FIFTH TWILIGHT CONCERT

PROGRAM: Overture to "The Bartered Bride", Smetana; Suite from the Ballet-Pantomime, "El Amor Brujo" (Love the Sorcerer), de Falla; Symphony No. 5, in E minor, Tchaikowsky

Soloist — ADYLINE JOHNSON — Contralto

Ticket Prices (Tax Included): 50c, 75c, \$1.00. All Seats Reserved. Seats on Sale at All Ticket Offices

U Theater Offers Duo Bill Program

A double bill is being offered by the University theater at 8:30 p.m. today and Monday through Dec. 10.

Christopher Fry's sophisticated comedy, "A Phoenix Too Frequent" and Alfred DeMusset's "A Door Must Be Either Open or Shut" make up the program. Both plays are directed by David W. Thompson, assistant professor of speech.

Tickets at \$1 are on sale in 18 Scott hall.

ZBT Pledges to Give Chapter Party Today

Pledges of Zeta Beta Tau, academic fraternity, will give a party for the active chapter from 7 p.m. to midnight today at the Minnehaha Log Cabin.

The party will consist of a square dance and a dinner.

Campus Interviews on Cigarette Tests Number 7...THE RAVEN



"You can use my name... but don't quoth me!"

Nobody's pulling the feathers over this bird's eyes!

He's spent too many semesters in Psychology I. He knows —

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Bacteriology, Prin. of	1.50	Logarithmic & Trig. Tables.60
Biology, General75	Mid. Ages, 300-1500, Hist. of75
Botany, General	1.00	Music, History of	1.00
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Exams, How to Write Better25	Slide Rule, Practical use of75
Forestry, Gen., Outline of	1.25	Sociology, Principles of	1.25
French Grammar	1.50	Spanish Grammar	1.00
Geology, Principles of	1.25	Statistical Methods	1.25
Geometry, Plane, Probs.	1.25	Study, Best Methods of75
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Grammar, Eng. Prin. & Prac.	1.25	U. S. in Second World War75
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Journalism, Survey of	1.25	U. S., Since 1865, History of	1.00
Latin America, History of	1.50	World, Since 1914, Hist. of	1.00
Latin America in Maps	1.25	Zoology, General	1.25
Lat. Amer. Civiliz., Rdgs. in	1.50		
Lat. Amer. Economic Dev.	1.25		

PRICES SUBJECT TO CHANGE

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318-322 14th Ave. S.E. MAin 4407

All-vet Five May Start Tonight



Johnson Means Skoog Anderson

By Scott Nelson
An all-letterman starting five probably will start the Minnesota basketball season against Nebraska at 8 p.m. today in Williams arena.

Coach Ozzie Cowles said after yesterday's brief workout that he'd start guards Whitey Skoog and Art Anderson, center Bill Bliss and Dick Means and either Maynard Johnson or Dave Weiss at the forwards.

Skoog and Johnson, the Gophers' one-two punch last season are seniors, Weiss is a sophomore and the rest juniors. Bliss will be starting his first game at Minnesota.

Cowles says he hopes to substitute freely tonight. Center John Wallerius and guard Glenn Matke, both sophomores, as well as guard Roger Schnobrich are expected to see plenty of action.

Forwards Bill Holmes, Wes Sabourin, Dave Fagerness and guard Ken McGonagle also will be in uniform on the 13-man squad. Sophomores Bob Gelle and Shorty Cochrane will not suit up.

Starting Lineups

No.	Minnesota	Pos.	Nebraska	No.
11	Means	F	Wilnes	3
51	Johnson	F	Akromis	12
54	or Weiss	F	Pierce	5
44	Bliss	C	Buchanan	13
41	Skoog	G	Ruma	10
22	Anderson	G	or Good	7

Nebraska, which worked out here at 10:30 a.m. today, is expected to start forwards Norm Wilnes and Bernie Akromis, center Bob Pierce and guards Jim Buchanan and either Subby Ruma or Joe Good. Good is the sophomore son of Cornhusker coach Harry Good.

The Gophers are favored tonight with eight experienced lettermen back, including last season's top four scorers—Skoog, Johnson, Schnobrich and Means. Nebraska has only three letter-winners returning from last year's squad which had a 16-7 record.

Only lettermen missing from the 1949-50 Gopher team which won 13 and lost 9, are Wally Salovich, Jerry Mitchell and Virg Miller. Salovich has graduated, Mitchell is in the army and Miller is ineligible until winter quarter.

The teams last met two years ago when Skoog, playing his second varsity game, got 17 points in a 61 to 52 victory. Cowles' teams have won 18 of 19 non-conference games in his two years at Minnesota.

Last Gopher team to lose an opener was the 1947-48 club which lost at St. Louis 50 to 42. Minnesota's next game is with Loyola of Chicago here Dec. 9.

Basketball Schedule

- Dec. 2—Nebraska here.
- Dec. 9—Loyola here.
- Dec. 11—Oklahoma at Norman.
- Dec. 16—Pittsburgh here.
- Dec. 23—Oklahoma here.
- Dec. 27, 29, 30—Kansas City tournament at Kansas City.
- Jan. 6—Illinois at Champaign.
- Jan. 8—Ohio State here.
- Jan. 13—Purdue here.
- Jan. 15—Michigan here.
- Jan. 22—Iowa here.
- Jan. 27—Indiana at Bloomington.
- Feb. 3—Wisconsin here.
- Feb. 5—Michigan State at East Lansing.
- Feb. 10—Indiana here.
- Feb. 12—Michigan at Ann Arbor.
- Feb. 17—Ohio State at Columbus.
- Feb. 19—Purdue at Lafayette.
- Feb. 24—Northwestern at Evanston.
- Feb. 28—Michigan State here.

Last-period Mustang Spurt Topples Gopher Icemen 8-6

Box Score

Minnesota (6)	Rochester (8)	
Moran	G	Nichols
Larson	D	Frick
Sedin	D	Gray
Watters	C	Baker
Engelstad	W	Carlson
Bjorkman	W	Stern

Spares: Minn.—Wegleitner, Nyhus, Amatuzio, Gidden, Massie, Strom, M. Peterson, Bodin, Reichel, K. Peterson; Roch.—Swanger, Larson, Pleban, Fleming, Bonner, Johnson, Alley.

First period scoring—Minn.: Nyhus (Strom) 12:00; Engelstad (Watters) 15:29; Watters (Engelstad) 17:08. Rochester: Alley (Johnson) 17:39. Penalties—Minn.: Larson; Roch.: Carlson.

Second period scoring—Minn.: Engelstad (Watters) 14:17; Bodin (Strom) 18:11. Roch.: Fleming (Alley) 13:24. Penalties—Minn.: Nyhus 2; Roch.: Fleming.

Third period scoring—Minn.: Nyhus (Strom) 4:44; Roch.: Larson (U) 5:39; Bonner (Alley & Fleming) 12:14; Pleban (Baker) 15:15; Carlson (Pleban) 18:54; Baker (U) 19:38; Baker (U) 19:47. Penalties—Minn.: M. Peterson, Engelstad 2; Roch.: Larson, Alley.

Steps—Minn.—6-10-11—27; Nichols: 4-7-10—21.

Score by Periods

Minnesota	3	2	1	6
Rochester	1	1	6	8

By Dwayne Netland
Outskated and outplayed for two and one-half periods, the Rochester Mustangs roared back with a vengeance by tallying six goals in the final period to spoil Minnesota's 1950-51 hockey debut last night in Williams arena 8 to 6.

Playing coach Arley Carlson sparked the invaders in overcoming a 6 to 2 third-period Gopher lead by netting the tying goal himself and setting up the winning scores.

Carlson dunked in a screen shot for the 6 to 6 equalizer with 1:06 remaining, and within 55 seconds the Mustangs added two additional scores off the penalty-ridden Gophers.

Both Bob Nyhus and Cal Engelstad were given two-minute sessions in the penalty box in the last two minutes, leaving the Gophers with three skaters.

Carlson and his mates followed through by rushing goalie Bob Moran with three concentrated bursts—two of them producing goals.

Minnesota electrified the opening night throng by jumping to a quick 3 to 0 lead as Nyhus cashed in on an assist from center Russ Strom, and Gordy Watters and Cal Engelstad each contributed an assist and tally.

Rochester narrowed the gap to 3 to 2 with seven minutes left in the second period, but Watters and Don Bodin sent the Gophers in to a 5 to 2 lead at the end of the session.

With the spirited crowd sensing a possible Minnesota win, Nyhus capped a brilliant individual evening's work by swinging around the net to beat goalie Jerry Nichols unassisted for a 6 to 2 edge with 15 minutes left in the game.

Gopher goalie Bob Moran, who had previously turned back 27 of Rochester's first 29 shots, allowed Larry Lawman, John Bonner and Pete Bleban to draw red lights within 10 minutes. With five minutes left it was Minnesota in command 6 to 5.

Carlson's tying shot with a 1:06 remaining only provided the spark for the winning Mustang tallies—which came with amazing rapidity in the last 30 seconds.

Coach Doc Romnes charged the setback to a combination of opening night jitters and a slight Minnesota letdown, but praised Nyhus and Engelstad.

Spartans Name Robbie, Holm on All-foe Team

Two members of the Minnesota football team have been named on Michigan State's all-opponent team for the past season.

The Spartans, who finished the season with eight victories and one loss and defeated Minnesota 27 to 0, selected Gopher center Wayne Robinson and guard George Holm as the toughest opponents at their positions.

3 Wrestlers Will Compete In AAU Invitational Meet

There were new developments in three winter sports around Cooke hall and the Stadium North tower yesterday.

Two varsity wrestlers and one frosh will participate in the third annual AAU invitational wrestling meet at Iowa State Teachers college today.

Mary Jensen, middleweight, and John Grygelko, lightweight, are the varsity members who will compete. Ed Anderson, freshman middleweight from Minneapolis Vocational also is entered.

Dave Bartelma, varsity coach, and freshman coach Mike Tatone will be on hand to get a line on other Big Ten schools who will send wrestlers to gain pre-season competitive experience.

Meanwhile, the swimming team will have important time-trials today from 2 to 4 p.m. in the Cooke hall pool. Niels Thorpe will select his team to compete against Carleton Jan. 15 largely on the daily time trials.

Over in Ray Chisholm's north tower boxing gym there was good news. Working out is Mike Merigan, 175-pound transfer student from Notre Dame where he was intramural light-heavyweight champ.

Students to Enter Arena On Fourth Street Side

Students and faculty are to use the Fourth street entrances to Williams arena for tonight's Minnesota-Nebraska basketball game, which starts at 8 p.m.

Doors will open at 6 p.m. with the Duluth Central-Minneapolis Washburn preliminary scheduled for 6:25 p.m. Fall athletic cards will admit with no exchange ticket necessary.

Former Prep Cagers to See Teams Play

Just as though it had been arranged, four Minnesota basketball players this year will get to see their former high school teams play the same night the Gophers do in Williams arena.

Whitey Skoog, Bill Bliss, Art Anderson and Bill Holmes are the players who will get to see their prep alma maters in action in preliminary games this winter.

Brainerd, where Skoog first played, faces 1949 state champion St. Paul Humboldt Jan. 15 before the Michigan game. Bliss' Minneapolis North team will face Melrose before the Gophers take on Indiana.

Anderson and Holmes may find it hard to agree on things before the Wisconsin game Feb. 3. That's the day their former high schools, Eau Claire, Wis., and Gilbert play each other in the prelim.

In addition, two outstanding Minnesota frosh cagers will see the teams they left only a few months ago.

Buzz Bennett, all-state forward from Duluth Central, will see some of his former teammates tonight when the defending state champs take on Minneapolis Washburn at 6:25 p.m. John Stepan, all-state center, leads the Duluth team again this year.

Glenn Reed, of Superior Central, also "can see his old team play when it takes on Owatonna Dec. 23 before the Oklahoma game. Dick Schradle, another freshman team member, is from Owatonna.

Occupational ...

Continued from page 1

rug and shawls, woodwork (a good deal of muscle work comes in the sanding) and easels for painting.

Tools of varying weights are used as muscles strengthen. The work is placed at different levels to bring different muscles into play.

A wallboard contains a can opener, doorbell, door knob, light switch and water faucet—all common fixtures which an amputee will have to use when he returns home.

The other therapy department, station 60 in the main hospital, is for mental patients. It has a larger collection of equipment. Its purpose is to bring out skills which lead to useful occupations or hobbies, as well as to work out the psychiatric needs of each patient.

"Patients also learn to express creativity away from the strains that life in the outside world has for them," says Miss Phelps.

The patients with a flair for mechanics can work with a drill press, an electric saw and a lathe for wood and metal. The patients largely help themselves.

The patients learn useful skills and often earn money. Money-making projects are book binding and making linoleum blocks for Christmas cards.

Mental patients stay only three or four weeks at the University. The majority of the patients are not extremely psychotic, says Miss Phelps. "Many do not go on to state hospitals, but return home."

Minnesota Daily SPORTS

Section

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Basketball Roster

11 Means, Richard	F	21	185	6-1	Lincoln, Neb.	Jr
12 Sabourin, Wesley	F	20	195	6-2	Bemidji	Jr
14 McGonagle, Kenneth	G	20	170	5-11½	Royalton	Jr
15 Holmes, William	F	19	210	6-2	Gilbert	Jr
22 Anderson, Arthur	G	19	190	6-4	Eau Claire, Wis.	Jr
24 Fagerness, David	F	19	200	6-4	Rushmore	Soph
41 Skoog, Myer (Capt.)	G	24	185	11½	Brainerd	Sr
42 Matke, Glenn	G	21	165	6-½	Morton	Soph
43 Schnobrich, Roger	G	20	176	5-11	St. Cloud	Jr
44 Bliss, Bill	C	20	190	6-4	Mpls. North	Jr
51 Johnson, Maynard	F	22	190	6-4	Plainview	Sr
54 Weiss, David	F	19	180	6-2½	Austin	Soph
55 Wallerius, John	C	19	230	6-6	Fargo, N. D.	Soph

Sportfolio

By Jo Smith
Daily Sports Editor

First Cage Clue

Now that a losing football season has drifted into the perennial trail of post-season honors and statistics, the big question is, "Will the winter teams do better?" Last night's hockey game was the kickoff of a busy weekend in Gopher athletics and an even busier winter sports schedule.

Tonight Gopher fans get their first good look at a basketball team which has been handled gently by the pre-season predictors—being picked by many to finish in the Big Ten's top three.

Earlier this week, Ozzie Cowles took the wraps off his cagers in a public intra-squad game, with some encouraging, some discouraging results. Parts of the game were raggedly played. The passing was errant and the team was not following up its shots as well as it might have.

Team Has Depth

However, the scoring was evenly distributed over a number of players. In fact, right now the primary attribute of this squad very well may be its depth. Coach Cowles has eight or nine men who can be regarded as potential starters. Several of them are better than average shots.

Nothing needs to be said about the sharp shooting eyes of old reliables Whitey Skoog and Maynard Johnson. Johnson scored 18 points in the game as the two teams rolled up a combined total of more than 100 points.

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