Winona State to host 14th annual Regional Science Fair, April 7-8

The Winona State College Science and Mathematics Division, assisted by the Research Council of the Minnesota Academy of Science, will host the 14th Regional Science Fair for students of southeastern Minnesota junior and senior high schools March 21 through March 22.

The regional science fair is held in Winona once in every three or four years.

Dr. Thomas Bayer, WSC geology professor, is director in charge of the regional science fair. Gerald Dahling, biology major at WSC from Goodhue, is the president of the Academy affiliate.

EXHIBITORS AND their exhibits from the 14-county area will pre-empt most of the labor.

ary of Practice Hall during the two-day period. Friday, April 7 all classes in Pasteur Hall will be canceled because of the science fair exhibitions which will be shown in the lab and classroom areas of Pasteur.

Exhibits may be entered in the following categories: Grades 7, 8, and 9; Biological Science, Physical Science, Mathematics, Other Sciences, Conservation, Earth Sciences, Engineering, etc. Grades 10, 11, 12; Geology, Botany, Zoology, Mathematics, and Other Sciences.

The exhibits will be judged on a hundred point scale and thirty points are on scientific thought and thoroughness, thirty points for creative ability, and twenty points for clarity and dramatic value.

Two grand prize winners from the 10-12 grade category (one from physical science and one from biological science) will be selected to participate in the 10th International Science Fair which will be held in San Francisco on March 21 during quarter break.

FIFTEEN WINNERS will be selected to participate in the science fair to be held at Carleton College, Northfield, on April 14 and 15. Other awards include U.S. Navy, NASA award, U.S. Air Force award, U.S. Army award, a set of World Book Encyclopedias, and others.

The keynote speaker, Dr. Robert R. Van Ettten of Winona State, will talk on "Death of the Dinosaurs" at 10:30 a.m. in Session Auditorium April 7.

Exhibits will be open to the public from 4:30 p.m. on Thursday, March 21, and from 9:00-11:00 a.m. on Friday. During these hours the fair will be open to the public and tickets will be distributed.

An Awards Assembly in Session Auditorium will follow at 11:35 a.m. Saturday. Winona State College students are cordially invited and encouraged to attend the fair events.

The arrival of the IBM 1130 Computing System, developed in California, will initiate further improvement in the academic offerings at Winona State and Student Computing System from California.

The system consists of an IBM 1130 approach the IBM 1130 Central Processing Unit and the IBM 2442 Card-Rewind Punch. Data, in the form of cards, can be read in and/or symbols are punched into IBM 1130's and fed into the Central Processing Unit through the Card-Rewind Punch where it is summarized, edited, tested or calculated depending on the instructions by the user.

RESULTS can be punched into cards, with the Card-Rewind Punch in a form on the computer console. This seems simple, but work of the IBM 1130. The system will educate the user to push the buttons necessary for the system in just a few hours. But it takes thorough knowledge of the system to become effective in getting maximum output of a 1130 system.

The language of the system is PORTUGUESE, a romance translation. The system will accept in addition to problem solving in a way that is closely akin to normal mathematical notation. Therefore, more concentration can be afforded to the IBM 1130. Exercised arithmetic can be solved rather than the machine that will solve them.

IBM 1130, a problem solving system capable of recording, scheduling, programming, analyzing, and various other functions useful to Business Administration, College Administration, etc. This IBM 1130 Model 2 system can perform 120,000 additions or 125,000 logical divisions per second.

At WSC, the Division of Science and Mathematics and the Division of Business have personnel ready to be "hardwired" into the machine. Several courses have already been taught on campus and off on various parts of the system.

Since the system's inception, Mathematics and Physics departments are already incorporating this system into their curricular program. Demonstrations, laboratory work, and seminars have already been scheduled. Shorty many other academic areas of the college will be making use of the system.

ROBERT R. VAN ETTEN of the IBM Systems Marketing Department recently instructed 28 staff members in the mechanics of the operation and acquainted them with computer programming.
**The WINONAN**

**Thursday, March 30, 1967**

**Editorial**

**Is lottery draft fair?**

The proposal of a universal lottery for 19-year-old men to be selected for the draft is much too fair to be the present draft system.

However, this too has its inequalities, and perhaps a few more changes in related fields would help. Instead of drafting only a few, why not draft everybody, women included?

**AND DOES everybody need to go into military service?** There are a number of worthwhile programs in which people can serve their country, the Peace Corps and VIETA are two examples. France has a draft, but they serve their country in other countries, and they are required to take months of military training.

A program such as this would tend to eliminate inequalities in society, and everybody would be required to serve their country two years, something not entirely reflected in our current situation.

If such a program as this were installed, where everyone was universally drafted at 19, it would also seem only fair that there be a universal voting age of 19.

People old enough to serve their country ought to be able to have a voice in who governs it, and a universal program would certainly be more in line with our democratic principles and go far to present everybody with equal opportunity.

**Congratulations to coaches**

Congratulations are in order for the coaches of the various sports here at Winona, we feel.

Winona State College is one of the smallest colleges in the NIC Conference, and yet the Minnesota State Employment Service working with the Minnesota Board of Education, can produce their share of the state's future leaders.

Employment

The Minnesota State Employment Service works with the Minnesota Camping Association in selecting college students for staff positions in camps serving children and youth in Minnesota.

Currently openings for coaches, program directors, water-safety instructors, cooks, nurses, and other personnel are advertised in the Minneapolis Tribune, said that the do-

**Not all coeds "qualify"**

**To the Editor:**

Student Senate recently brought to light the fact that not all coeds are, in fact, "qualified" to participate in the annual Campus Cover Girl contest.

The problem arose when it was discovered that the Minneapolis Tribune, sponsor of the event, would not allow any coed who had not won a campus beauty contest.

In addition, if we were to interpret the word "coed," we should obviously include all female students who are "qualified" to participate in the annual Campus Cover Girl contest.

Whether or not we agree with the newspaper contest, the "cover girl" must not be national competition.

**ONLY AN energetic athletic department, as well as a fine array of coaches, can produce a team which will be welcomed. Please give your help to the committees involved in this matter again — since it may seem unfair to exclude all qualified coeds are, in fact, "qualified" to participate in the annual Campus Cover Girl contest.

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Noteworthy news in summary

**Leslie Gage's children's fund at the college**

Abbe R. Brinster, president of the foundation, said that the do-

**Scholarship deadline**

The scholarship application deadline for the 1967-68 academic year is May 21, by Presid-

**Foundation gift**

An anonymous donor has given $300 to the Winona State Col-

**The Winonaan**

**Wednesday, March 28, 1967**

**SS president tells of elections**

**by Fredric Barsamki**

Come down, come down from your lincolnesque tower. Frequently one hears students ask: "What purpose does the Student Senate really serve?" Or "Does it do anything more than have cigarette machines installed?"

For the present I am not concerned with an exposition of the senate's merits and shortcomings or with the relative contributions of the individual senators. (For the present). Here, rather, I would point out that by its very existence it fills a definite opportunity to at least attempt to realize state power and define their limitations, but only to the extent that they express and person such interest. The skeptic can only con-
European countries offer student jobs, training

American Student Information Service, 1920 Technology Park, Suite 350, St. Louis, Missouri, has thousands of available jobs in 15 European countries for any male or female student interested in having an educational, fun-filled and profitable experience in Europe.

Many young good paying jobs are working in a castle restaurant as a waiter or waitress, working at a floral shop, working at a Monet factory, working at a hospital, working at a liquor store, child care, working at a camp, construction work and many other exciting openings.

ASIS OFFERS discount tours which are well planned for plenty of education and fun-filled travel through Europe's most exciting places.

Plan now to enrich your life and broaden your fundamental cultural background.

Folks can get the whole scoop on the 36-page booklet with job applications and details of all jobs and tours available. Mail $2 for material and an envelope to Dept. P, American Student Information Service, 21 Avenue de la Republique, Paris, France, Grand Duchy of Luxembourg.

Five scholarships of $1,000 each are available to qualified students applying to the American Universities for an academic year at Aix-en-Provence, in Southern France.

In addition, an American French Government Scholarship, reserved for French majors, and 35 to 50 foreign service awards are awarded each year.

The $1,000 scholarships are awarded in majors such as French, Literature, Fine Arts, History, Social Sciences and Mediterranean Area Studies. Information about the Institute for American Universities is available in college libraries, foreign study offices, or French Departments.

Applications should be made by air mail directly to:

The Director

Institute for American Universities

2 rue de la Fontaine 13 - Aix-en-Provence

COMING BACK . . . Several girls are gathered outside Richards Hall with their glasses waiting for it to open. Presumably, they can't wait to get back to their studies. (Photo by Steve Jevick)

Alpha Xi Delta initiates fourteen new members

Recently 14 girls were initiated into Delta Omega Chapter of Alpha Xi Delta.籍

The initiates are: Cynthia Coughlas, Kildon, Illinois; Linda Boyles, St. Cloud, Minnesota; David- son, St. Paul; Leah Eyler, Hopkins; Mary Havens, '66, Forrest Lake, Minnesota; Rachel Kies, Hastings; Carol Lankford, Oaklyn, New Jersey; Barbara Quin, St. Paul; Kathleen Meyer, Saint Cloud, Minnesota; Edna Wulf, Whilmon; and Karen Smart, Whilmon.

The chapter held its Black Night activities on Friday night with Mrs. Bemidji State student. Sunday morning the group attended the St. Paul's Episcopalian Church service to together. Following this the chapter held a party as a nestled for the handicapped.

Advisers to this group are Miss Murray, Chapter Director; Miss Angelyn De Groot, Program advisor; Mrs. John Martin, membership advisor; in addition to Mrs. Mayor, advisor on the 54th reunion of the Class of 1916.

WILLIAM H. HOSSICK: until recently a member of the Winona State College faculty, has begun work as a Professor of Business Administration in the Cooperative Educational Service Agency 11.

The agency covers part of But- tfal, Trempealeau and Jackson counties and the area around La Crescent, Wis.

HOSSICK, married with two children, was a psychologist for the Minneapolis Public Schools. In January he was selected to a Title V National Defense Education Act grant which pays $2,000 for the academic year so that the students can continue their studies. By the end of each year the students must be expected to student teach. Applications for student teach- ing should be made with the Dean of the School of Education in the Student Teaching Office and are anticipated to student teach. student teaching must be completed including advisors' signature. There is a different form for elementary and second- ary majors.

AN INTERVIEW with Mr. Sten- ford, Director of Student Teaching, must be made with the individual students who plan to stu- dent teach during the fall of '67. These students should sign up on the schedule for interviews beginning at 10 a.m. on April 3-10.

Winona State has sent 280 stu- dent teachers to area and Win- ona northern schools. Next year they are anticipated to student teach.

More students will have to go out of state with Francie Vering, student teaching in Racine, Wisconsin, and start teaching in the fall of '67.

Eleven students will be teaching at a school in the fall of '67. These students are scheduled to begin teaching in the fall of '67 and continue teaching until the end of the academic year. These students will be teaching at the secondary level of the secondary level. Stu- dents should not be to enroll for additional courses during fall time student teaching.

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Wrestlers, tankers place in national tourneys

- Wrestling -

Warrior wrestlers, competing in two national tournaments recently, brought home a sixth place finish in the NAIA tourney, and 25th in the NCAA meet.

Coach Gusner's wrestlers picked up three thirds and a fifth in the NAIA meet, compiling 25 points. Host Lock Haven, Pennsylvania won the title, piling up 80 points.

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Wrestlers finished in the NAIA tourney, and 25th in the NCAA meet.

- Swimming -

Coach Martin's swimmers captured ninth place in the NAIA meet, March 18, virtually clinching two berths on the NAIA All-America team.

Larry Calvert, All-American last year, rescued himself of a repeat, capturing two seconds and a third.

George Knatka grabbed two thirds and a fifth to almost guarantee himself a spot on the second team, quite a feat for a freshman.

Calvert was only a tenth of a second off the winning place in the 100-yard backstroke, capturing second. He also grabbed second place in the 200-yard backstroke, as well as third in the 1,650-yard individual medley.

Kuylza copped third place in the 200-yard freestyle with a time of 1:53.02, following that with a third in the 1,600-yard freestyle. In addition, he placed fifth in the 50-yard freestyle on Thursday.

Dick Childers also got into the scoring column, placing tenth in the 1,600-yard freestyle and tenth in the 800-yard freestyle.

Clarence-Mudd College of California won the team title, while Benedict and Macalester tied for second. Winona was ninth with 41 points.

Coach Martin was very pleased with his team's finish. "I'm really looking forward to the next season," he said.

Sheldon wins

Allen Sheldon was declared champion of the CCC having won 1st place in chest, 2nd place in crissgibe, and 3rd place in checkers.

Other winners were: 1st place crissgibe — Carl Birk; 2nd place chest — Don Freda; 1st place checkers — Ken Dickson; and 2nd place checkers — Roy Willey.

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