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GSU Landscapes, 1982-01-29

Office of University Relations

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Star Lauds GSU

Star Publications, publishers of newspapers in south and southwestern suburbs from Palos Hills to Park Forest South, recently praised GSU's progress in educational areas and its advance culturally as well.

In a January 21 editorial, the Star cited two milestone events which took place in the fall and winter of 1981. The first, the installation of the Mary Miss sculpture, "Field Rotation" in the Nathan Manilow Sculpture Park "... focuses on the realization that GSU has not shorn itself of creativity, of interest in providing the precious breadth and depth of a liberal arts education."

The Star further states that "The sculpture park ... has drawn international acclaim and interest as one of the finest collections of such work anywhere."

Academically, the newspaper continues, GSU has come a long way since it opened. The recent accreditation of the University's bachelor of science in nursing degree program by the National League for Nursing is noted as an example. "Recognition of the nursing program, like the business degree program which came to a full flower a year earlier, shows that GSU has tailored the innovative nature of its beginnings to meet the practical needs of its student population."

In conclusion, the publication notes that "In preparing itself for the future, GSU strives to offer the best of two academic worlds: Educational advancement in preparation for earning a living, and educational depth and breadth to make life a more satisfying experience."

President Leo Goodman-Malamuth II bestows the Abraham Lincoln medallion on Lanitia Joan Arme, senior nursing student from Frankfort, who is GSU's 1981 student laureate of the Lincoln Academy of Illinois.

Our wretched species is so made that those who walk on the well-trodden path always throw stones at those who are showing a new road.

... Voltaire
Governors State University Foundation
1981 Annual Fund Honor Roll

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A UNIVERSITY RELATIONS PUBLICATION

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Air Pollutants: CAS' Sievering to Continue Studies

A CAS scientist plans to return to a 1,000 foot tower above Boulder, Colorado to measure the "deposition velocity," the rate at which airborne particles of pollutants such as lead and sulfur/sulfate enter agricultural crops like corn and wheat. Herman Sievering logged some 400 hours in 1979 riding an open cage elevator up and down the tower at the Boulder Atmospheric Observatory's $8 million dollar facility, which is operated jointly by the National Center for Atmospheric Research and the Environmental Research Laboratory of the National Oceanic and Atmospheric Administration (NOAA). Using delicate instruments perfected at GSU, the scientist measured minute particles of these pollutants three times at each of four levels on the tower each trip. He was assisted in the round-the-clock task by six students from California, Florida, Wisconsin and Colorado.

Each reading was one minute long, and the round trip had to be completed within 20 minutes. To make the venture a bit more exciting, the researchers became competitive, and the student from San Jose State University clocked a record time of 17 minutes, 32 seconds. The average trip was 19 minutes.

Deposition velocity for such pollutant particles has only been measured twice before, by Sievering in 1979 using "profiling" at the tower over dry soil, which is measuring the concentration of pollutant particles at various levels; and by the Argonne National Laboratory over wet soil using "eddy flux," a method which requires simultaneous measurement of pollutant content at upwind speed, and then one second later in the same spot measuring the downwind speed and pollutant content. Since wind speed at ground level is zero, both types of measurements must be taken above ground. Thus the tower. Sievering will return to the Boulder site during the month of May through August to use the eddy flux technique to check some specifics still in doubt at the conclusion of the 1979 research. Such concerns as the rate per minute or per hour of fallout of pollutants and the relationship between air, pollutant concentration and soil, are questions that Sievering hopes to answer during his next research foray.

1981 Annual Fund Honor Roll

Harrison Eiteljorg
Village of Park Forest

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"Most air pollution research determines only how much of a pollutant is in the air," Sievering states. "But that doesn't tell us the whole story about what and how much gets into crops (or the human body). The rate of deposition to crops — the deposition velocity — which is what we are interested in primarily, is equally important. Once that is known, it can be combined with the density or concentration of pollutant particles at any specific location to determine the quantity being absorbed by tall standing crops like corn and wheat."

According to the CAS professor, "The deposition velocity is to atmospheric pollution as the speed of gravity is to physics of the atmosphere."

Such research as Sievering's is necessary if we are to understand the dangers inherent in factory smoke emissions or in land dumps of poisonous wastes, two of the uglier offspring of modern technology. Residents of the area around GSU have had a close encounter with the potential dangers of waste disposal efforts. The recent efforts of a chemical company to locate an incineration facility either in Chicago Heights or Park Forest South brought home the need for research of the type that Sievering is conducting. These incinerators, when located upwind of agricultural areas, present a potential hazard due to fallout. Then, too, residential areas downwind of such sites are also in possible danger from wind-raised airborne particles. A better understanding of these dangers, supported by careful research, will help concerned citizens to combat irresponsible chemical waste disposal or factory air pollution.

Public Service Announcement

The Governors State University String Quartet will present a free public concert in the Music Recital Hall of Governors State University in Park Forest South on Sunday, February 21, at 4:00 p.m. The program will include works of Mozart, Brahms and Prokofiev, as well as the premiere of a flute quintet by Richard McCready, GSU professor of music. Josef Zverov will be guest flutist. Quartet members are Francois D'Albert, first violin; Elmer Rosen, second violin; Robert Shamo, viola; and Alan Rostoker, cello.

Have confidence that if you have done a little thing well, you can do a bigger thing well too. 

... Storey
I thought how sadly beauty of inscape was unknown and buried away and yet how near at hand it was if it could be called out everywhere again.

... Gerard Manley Hopkins

What You Can Do About The Weather

There has been quite a bit of talk recently about one of the few things that we all have in common at GSU — besides taxes — and that is: Chicago weather. Ordinarily, quotes in GSU Landscapes and Inscapes are sprinkled here and there to lighten up the more serious news, and we intend to continue the practice.

However, because this is reputed to be the coldest winter in this century for North America, here are a few quotes on just one subject: the weather. (Note: We have categorized these so you can use them to fit your mood.)

PRACTICAL: "Don't knock the weather; nine tenths of the people couldn't start a conversation if it didn't change once in a while." — Kin Hubbard

METEOROLOGICAL: "Probable nor'east to sou'west winds, varying to the southard and westard and eastard and points between; high and low barometer, sweeping round from place to place; probably areas of rain, snow, hail and drought, succeeded or preceded by earthquakes with thunder and lighting." — Mark Twain

FOR THE RESUME: "For many years I was self-appointed inspector of snowstorms and rainstorms, and did my duty faithfully, though I never received one cent for it." — Henry David Thoreau

PHILOSOPHICAL: "For the man sound in body and serene of mind there is no such thing as bad weather! Every sky has its beauty, and storms which whip the blood do but make it pulse more vigorously." — George Gissing

We hope these quotes will help change the subject.

Job Opportunities

GRADUATE ASSISTANTSHIP — PROJECT PRACTICUM
Graduate Assistant needed January-June 1982 to work on a Corrections Training grant. 20 hours per week. Compensation $400/month and tuition waiver/reimbursement.

DUTIES
1. Attend correctional personnel training sessions, operate audio-visual equipment, take notes, participate in critiques of training
2. Write drafts of training manuals and curricula
3. Perform legal research on rights of prisoners and parolees

REQUIREMENTS:
1. Graduate student status and enrollment for minimum of 6 credit hours per Trimester
2. Commitment to stay with project until completion
3. Ability to work with little supervision and meet deadlines
4. Good writing ability
5. Willingness and ability to travel to off-campus sites
6. Thoroughness and reliability

Experience in corrections, social work or legal research preferred. Applicants should bring samples of their written work, e.g. research papers. Position subject to final budgetary approval. Contact Rose Macon, Project Practicum, Ext. 2121.

Scholarship Program Announcement

The Illinois Sheriffs' Association, this year, will award twenty-eight scholarships of a maximum of $500.00 each. Seven scholarships will be awarded in each of the following geographic areas: Northern Zone, Central Zone, Southern Zone and Cook County.

ELIGIBILITY: Any permanent resident of a county in Illinois that is participating in the Illinois Sheriffs' Association Associate Membership Program. Those residents must be eligible to attend a vocational training program or institution of higher learning in the State of Illinois as a full or part-time student. There is no restriction on the course of study pursued.

AWARDS: Scholarships will be awarded to deserving students based on ability, merit, character and sincerity of purpose in reaching his or her goal.

TERMS: Good standing in chosen program must be maintained.

DEADLINE: Completed applications to the Sheriff of the county of applicant's permanent residence by March 1, 1982. A citizen's committee appointed by the Sheriff will review all applications and select two from each county to be forwarded to the Illinois Sheriffs' Association Headquarters. The ISA Scholarship Committee will select the 28 applicants to be awarded scholarships. These awards will be announced by May 1, 1982.

APPLICATIONS: For information contact Marie Coats, Ext. 2339; the office of the County Sheriff or the Executive Director of the Illinois Sheriffs' Association, 413 West Monroe Street, Springfield, Illinois.

There lives the dearest freshness deep down things.

... Gerard Manley Hopkins
## Events

### Friday, January 29
- **8:30 a.m. - 5:00 p.m.** Graduate Photography Show: William Rokaitis, "Impermanence," and Bruce K. Troyer, "Thresherman Reunion." Weekday hours. On view through February 3. (Infinity Gallery).
- **10:30 a.m. - 4:30 p.m.** Graduate Project in Sculpture: Margaret Hafer, "Whimsical Fantasies of Mixed Media." Final day for viewing. (Visual Arts Gallery).
- **5:00 p.m. & 7:30 p.m.** Film Showcase: "9 to 5" (EH)

### Saturday, January 30
- **9:00 a.m. - 5:00 p.m.** Workshop: "Women & Elective Office" (EH)

### Wednesday, February 3
- **12 Noon - 1:00 p.m.** Theology for Lunch: "Before and After Surgery: Spiritual and Emotional Considerations" (HDR)
- **6:00 p.m. - 9:30 p.m.** Phi Delta Kappa Club Meeting (B Wing Lounge)

### Thursday, February 4
- **12 Noon - 1:00 p.m.** Women's Resource Center Brown Bag Luncheon (HDR)*
- **4:30 p.m. - 6:30 p.m.** Elem. Teachers Ed. Program/Cooperative Teacher Education (EH)*

### Friday, February 5
- **8:30 a.m. - 4:00 p.m.** Seminar by St. James Hospital "A Philosophy Program for Governing Boards" (A1102)
- **8:00 p.m.** Student Activity Program Advisory Committee Special Event: Marty Pollio and Paul Zimmerman (MRH)*

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**DIAL "INFO LINE" 534-0033 FOR RECORDED UNIVERSITY ANNOUNCEMENTS**

Deadline to submit news for *GSU Landscapes* is Tuesday NOON each week. Send to Editor, University Relations.

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**GSU LANDSCAPES**

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Office of University Relations
Governors State University
Park Forest South, IL 60466