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The deflated balloon, however, analyzing cosmic ray particles proper-
tude of between 115,000 and 120,000 feet. Telemetry signals sent
back from the detector to the base indi-
cated that it was functioning and analyzing cosmic ray particles proper-
ly.

Then came the bad news: for rea-
sions still not known, the balloon rupt-
tured and base technicians
transmitted a radio command that cut
cut the detector from the balloon
and returned it up and parachute.
The deflated balloon, however,
cought in the parachute, which
opened only partially in its descent
with the detector. The detector landed
60 miles southeast of Sioux Falls in an
open field after only one and a half
hours of float time. From 40 to 60
hours of cosmic ray exposure is
needed for a complete experiment.

While there was some damage to
the detector from its hard landing, it
hoped for the best in Sioux
Falls in time for another launch this
week before seasonal winds become
too strong for high altitude flights. But
the WU research group now has proof
that its new detector will function as
planned, providing the next high

Technician pumps helium into high altitude balloon prior to launching of detector.

Hypertension Poses Problem in Youths, WU Study Finds

A study sponsored jointly by the St. Louis Heart Association and the
American Heart Association, believed to be the only one of its kind
in the country, is now in its second year as researchers strive to establish
blood pressure standards for teenagers. To date some 7300 persons,
representing a cross section of the St. Louis metropolitan area,
have been screened in an effort to learn if any of those in the 14-20 age
group are victims of hypertension, a
disease once considered strictly an
adult complaint.

Directed by Dr. David Goldring,
WU professor of pediatrics and
director of pediatric cardiology at
Children’s Hospital, the study in-
dicated that 175 of the teenagers
tested thus far may have greater pro-
blems with high blood pressure than
physicians had thought previously.
They were among the top ten percent
of those with highest blood pressures
screened out during the survey.

Goldring said that he and his as-
soiates Dr. Sol Londe and Dr. An-
tonio Hernandez, also of Children’s
Hospital, have “developed standards
for 14-year-olds, 15-year-olds, and
those in the 16-20 group. The study
definitely shows,” he added, “that in
the case of boys we need a different
standard for the 14-year-old and the
15-year-old. For boys from 16-20
we can probably use the same measure-
ment. Girls’ blood pressure is lower
than boys’ and the differences
between the measurements in the
comparable female age groups is in-
finitesimal.” Dr. Goldring added:
“The important point of the study
was to emphasize the fact that
hypertension is not necessarily a dis-
ease of adulthood. It may have its an-
tecedents even in infancy.”

Goldring recommended benign
treatments such as curbing of salt in-
take and diet control for those
teenagers suspected of being
hypertensive. He ruled out drug

(Continued on page 3)
Mobile Home Design Award
Won by Two Faculty Members

Two part-time faculty members, Carolyn and Ronald Nuetzel, have won the $7500 first prize in the Third Annual Reynolds Metals Mobile Home Design Competition. Ms. Nuetzel is a day-time instructor in the School of Architecture and a candidate for the master’s degree in architecture; her husband teaches architecture in the evening program of University College.

Three years ago, in the first such contest sponsored by Reynolds Metals, the Nuetzels finished in fourth place. Their winning design this year was selected from some 400 entries. It features a double-wide mobile home connected by a wooden deck which provides a courtyard for the home. It is estimated that the Nuetzels’ design could be built for about $26,000 including land.

The power will be shut off at 4 a.m. Sunday, Sept. 28 in the campus buildings affected by the recent power failure. It will be off for 8 to 12 hours so that repairs can be made on the primary electric feeder cable leading from the Union Electric transformer. The cable was damaged Sept. 13 by a massive short which caused a 12-hour blackout in the newer campus buildings. For further information call Robert Reinhardt at ext. 4651.

PAA To Offer Creative Dance, Drama Classes

A modern dance class for women, especially those with children enrolled in creative dance classes, will be offered by the WU Performing Arts Area Dance Division Sept. 29-Dec. 1. Annelise Mertz, professor of dance and director of the dance division, will teach the course, which will emphasize elements of movement. The class will meet on Mondays from 11 a.m.-12 noon.

Another new class to be offered this fall is creative dramatics for children from 11-14 years of age, taught by Phyllis Weil, artistic director of the Metro Theatre Circus and an instructor in dance at WU. The students will meet in 149 McMillan on Saturdays from 11 a.m.-12 noon beginning Sept. 27.

Classes in creative dance for young people also open for enrollment are:
Class I, ages 5, Thursdays, 4-4:50 p.m.;
Class II, ages 6-7, Saturdays, 10-11 a.m.;
Class III, ages 8-10, Saturdays, 11:15 a.m.-12:15 p.m.;
Class IV, ages 15-18, Saturdays, 12:15-1:30 p.m.; and
Class V, ages 11-14, Saturdays, 10-11 a.m. Call ext. 4181 for details.

Gravitation to Law Studies Brings Trio of Political Figures to WU

Three political figures—Phyllis Schlafly, Steve Vossmeyer, and Mary Stolar—have tossed their hats into the legal ring by enrolling as students at WU’s Seeley G. Mudd Law School.

They are among a number of persons at the school who have established themselves in various careers but are now seeking law degrees. (These students include a physician, a hospital administrator, several engineers and accountants.) Perhaps the best known student is Phyllis Schlafly. Most recently, she has received national attention as a leading opponent of the Equal Rights Amendment. She holds a bachelor’s degree from WU and a master’s degree from George Washington University. He served as legislative assistant to U.S. Senator Thomas F. Eagleton from 1969 to 1972, and was elected to the Missouri House of Representatives in 1974.

“Having a law degree is enormously helpful to legislators,” he said. “While many people may see the need for a new law, they don’t know how to put that general knowledge into a usable form. A lawyer has the knowledge to do it.” A case in point was the drafting of the state campaign expenditure law introduced by Vossmeyer and passed in 1974. Vossmeyer consulted a WU law professor and student for assistance in drafting a workable law which would take into consideration the limitations necessarily put on it by the Constitution, regulatory bodies, statutory and federal laws.
Detectors (Continued from page 1)

(Danforth Graduate Fellowships for Women are available for the 1975-76 academic year. The fellowships are open to all women, single or married, who either have or will complete a bachelor's degree by April 1, 1976 and whose academic careers have been interrupted for three continuous years. The award is $2275 per year for single women and $2450 per year for married women, for a total of 4 years. Deadline for application requests is December 8; deadline for receipt of completed application is January 5. For details write Graduate Fellowships for Women, Danforth Foundation, 222 South Central Ave. St. Louis, Mo. 63105.

A GRADUATE READING ROOM will open Oct. 1 on the second floor of January Hall adjacent to the East Asian Library. WU's Libraries have 36 key lockers which have been assigned to the departments located near January Hall. The reading room will have seating space for 70 people and a small basic reference collection. The hours will be: Monday-Thursday, 8:30 a.m.-10 p.m.; Friday, 8:30 a.m.-6 p.m.; Saturday-Sunday, 1-6 p.m.

JOHN KELLY, Rathskeller manager, has announced that there will be live entertainment in conjunction with the Rathskeller's opening Monday, Sept. 29. Bernie McDonald, a St. Louis folksinger, will perform from 4-7 p.m., and the Lloyd Wallace jazz quartet will appear from 8-11:30 p.m.

Student's Condition Satisfactory Following Assault at Bus Stop

John W. White, WU graduate business student, was reported to be in satisfactory condition Monday following surgery at the WU Medical Center for injuries he sustained when he was robbed and beaten last Thursday at 8:30 p.m. White was beaten by two young males (still at large) who robbed him of his wallet, which contained $9. The crime took place on South Skinker near the intersection of Forsyth, where White was waiting for a bus. It occurred in the venue of the St. Louis police department which is conducting the investigation. The assailants fled when several motorists came to White's aid. One of the motorists returned White to his apartment. Later when he developed severe head pains a friend took him to the Barnes Hospital emergency room. Surgery was done to stop bleeding and remove a clot in the epidural layer between his skull and brain. Physicians said White should recover completely and he was expected to be released from the hospital shortly.

Hypertension (Continued from page 1)

therapy, except in the most extreme cases, because “We don’t know what the effects of long-term treatment of hypertension reducing drugs will have on a growing individual.”

Goldring hopes that follow-up studies will be done on so many middle-aged and even older victims.
Calendar

September 25-October 1

THURSDAY, SEPTEMBER 25
9 a.m. Two-Day School of Continuing Education Seminar, "Fundamentals of Finance & Budgeting for Scientists, Engineers and Project Managers," Ronald M. Copeland and Jerome V. Bennett, both of the U. of S. Carolina Business School. 215 Cupples I. Fee $345.

4 p.m. Department of Chemistry Seminar, "A Deformed Shell Model of Nuclear Fission," Ellis Steinberg, Argonne National Laboratory, Argonne, Ill. 311 McMillen Lab.

4 p.m. Physics Department Colloquium, "Polarization Echoes in Crystals and Powder," Robert L. Melcher, researcher from I.B.M. 201 Crow. (Lecture will be preceded by a coffee at 3:30 p.m. in 241-245 Crow.)

4:30 p.m. Department of Mathematics Colloquium, "Some Unsolved Problems In Real Analysis," Antoni Zygmund, mathematics prof., U. of Chicago. 199 Cupples I (Talk will be preceded by a tea at 4 p.m. in 222 Cupples I.)

8:15 p.m. WU Asian Art Society Slide/Lecture, "The Wu Shrine Reliefs and My Journey to the Site," Wilma Fairbank, author and lecturer on Chinese art. Steinberg Hall. (The lecture previews the Sept. 26 opening exhibition of a series of rubbings donated to Washington University by Mr. and Mrs. Ingram Boyd, Jr. Steinberg Gallery. Mon.-Fri., 9 a.m.-5 p.m.; Saturday 10 a.m.-4 p.m.; Sunday 1-5 p.m. Through Oct. 20.


WEDNESDAY, OCTOBER 1
11 a.m. Academic Committee Lecture, Frances Fitzgerald, writer for the New Yorker Magazine and author of Fire in the Lake. Graham Chapel.

SPORTS

SATURDAY, SEPTEMBER 27
11 a.m. Cross Country. WU vs. DePauw Medley. At Greencastle, Ind.

1:30 p.m. Football. WU vs. Southwestern at Memphis. At Memphis, Tenn.

7:30 p.m. Soccer. WU vs. Harris Teachers College. At Francis Field.

TUESDAY, SEPTEMBER 30
4 p.m. Cross Country. WU vs. Millikin U. At Decatur, Ill.

WEDNESDAY, OCTOBER 1
4 p.m. Soccer. WU vs. McKendree College. At Francis Field.

EXHIBITIONS

The Libraries. Level 3, Olin Library. 8 a.m.-12 midnight, daily. Through mid-November.

"Female Voices," an exhibit of selections of women authors' works from the Special Collection of Modern Literature, poetry, worksheets, and prose writings are included. Featured are examples of the work of Elizabeth Bishop, Kay Boyle, Ivy Compton-Burnett, Denise Levertov, Marianne Moore, Sylvia Plath, Dame Edith Sitwell, Stevie Smith, Mona Van Duyn and many others. Rare Book Department, Level 5, Olin Library. 8:30 a.m.-5 p.m. weekdays. Through December.

"Three Centuries of French Posters," an exhibition from the Musée des Arts Decoratifs in Paris, co-sponsored by L'Association Francaise d'Action Artistique. Steinberg Gallery. Mon.-Fri. 9 a.m.-5 p.m.; Saturday 10 a.m.-4 p.m.; Sunday 1-5 p.m. Through Oct. 20.

"Rubbings from the Wu Shrine," an exhibition of a series of rubbings donated to Washington University by Mr. and Mrs. Ingram Boyd, Jr. Steinberg Gallery. Mon.-Fri., 9 a.m.-5 p.m.; Sat., 10 a.m.-4 p.m. Sun. 1-5 p.m. Sept. 26-Oct. 25.

FILMS

THURSDAY, SEPTEMBER 25

FRIDAY, SEPTEMBER 26
7:30 & 9:15 p.m. WU Filmboard Series, "Harold and Maude," with Ruth Gordon and Bud Cort. Wohl Center Line D. Admission $1.25. (Also Sat., Sept. 27)

11:15 p.m. WU Filmboard Series, "Bedazzled," with Peter Cook and Dudley Moore. Wohl Center Line D. Admission $1. (Also Sat., Sept. 27)

SATURDAY, SEPTEMBER 27

TUESDAY, SEPTEMBER 30

MUSIC

THURSDAY, SEPTEMBER 25
4:30 p.m. WU Wind Ensemble Concert, with Dan Presgrave, conductor. Program will include works by John Philip Sousa, Erik Satie and Lerner and Loewe. Mallinckrodt Center Amphitheatre. (Program will be repeated at 2:30 p.m. Sun. Sept. 28, in Shaws Garden.)

MONDAY, SEPTEMBER 29

PERFORMING ARTS

FRIDAY, SEPTEMBER 26
8 p.m. Margalit Dance Theatre Company. Integration of drama, mime, rhythm and music in a contemporary dance expression. Edison Theatre. General admission $4.50; WU faculty/staff $3.50; WU students $2.50. (Also Sat., Sept. 27)