

George R. Carruthers

Modern astronomer's view

BEHREND--George R. Carruthers, senior astrophysicist at the Naval Research Laboratory in Washington, D.C., may never have been to the moon, but his fingerprints are on several experiments taken there and beyond.

Dr. Carruthers will share a modern astronomer's view of the final frontier Friday, April 21, at 7:30 p.m., in Room 101 of the Otto Behrend Science Building at Penn State Erie, The Behrend College when he looks at "Space Astronomy Studies of the Interstellar Medium and of Star and Planet Formation."

"One of the major unsolved problems of modern astrophysics is that of the formation of stars and planets, in general, and, of specific interest to us, the creation of our earth and solar system some 4.6 billion years ago," Dr. Carruthers says. "My talk will focus on space-based observational techniques, particularly observations of other planets and comets within our solar system which provide different

perspectives on the origin of our solar system."

Dr. Carruthers will look at recent developments allowing for better observation including interplanetary missions such as Voyager and future space missions currently in the planning stages.

Dr. Carruthers' visit is part of the Harlow Shapley Visiting Lectureships in Astronomy, a national program which allows professional astronomers to visit a wide variety of colleges and universities. Harlow Shapley was President of the American Astronomical Society from 1943 to 1946. His research proved that our sun was not the center of our Milky Way system.

The strides taken in the 50 years since Shapley's presidency are phenomenal. Dr. Carruthers, for instance, obtained the first detection of interstellar molecular hydrogen through a sounding rocket experiment in 1970. Hew was the principal investigator of the Apollo 16 Lunar Surface Far Ultraviolet Camera/Spectrograph experiment

in 1972, and was co-investigator for flight of a modified version of this instrument on the Skylab 4 mission in 1973. Most recently, he served as the principle investigator for the Spartan-204 Far UV Imaging Spectrograph, flown on the shuttle this February.

His professional honors are numerous and include an exceptional scientific achievement medal from NASA for his work on Apollo 16 and, in 1987, a Black Engineer of the Year Technical Contribution Award. He has served on seven NASA committees and is currently a member of the Council of the Smithsonian Institution, and the Advisory Board of the Center for the Study of Terrestrial and Extraterrestrial Atmospheres at Howard University.

Dr. Carruthers' speech is free and open to the public. Reservation, however are requested and can be made by calling the Penn State-Behrend Division of Science at 898-6105.

'The Scent of Green Papaya'

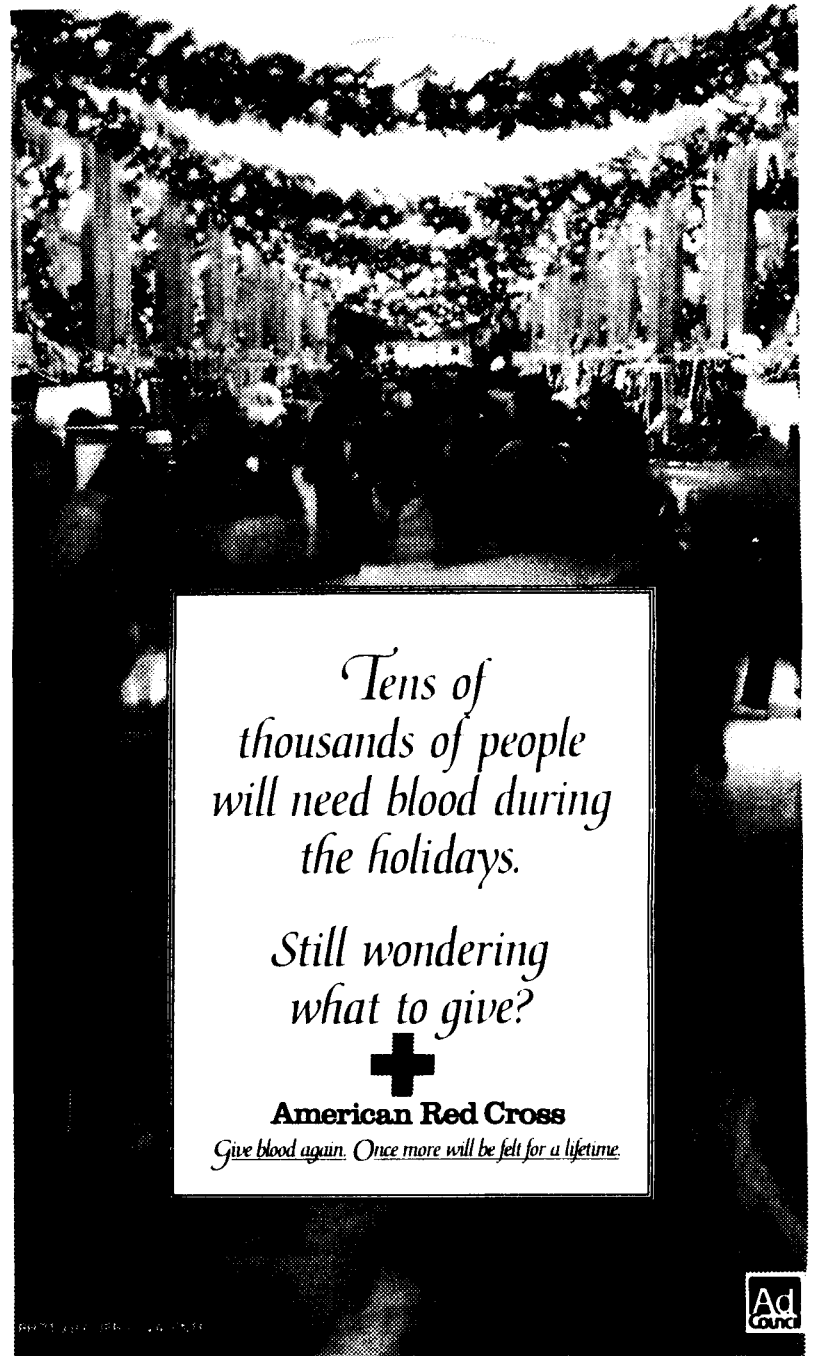
BEHREND--"The Scent of Green Papaya" will be shown on Tuesday, April 25, at Penn State Erie, The Behrend College. The fifth and final entry in the College's 1995 Women's Film Series, it will begin at 7 p.m. in Reed Lecture Hall, Reed Union Building.

Nominated for a foreign-

language film Oscar, "The Scent of Green Papaya" follows a ten-year period in the life of Mui, a servant girl in a middle-class home. According to *Time Magazine*, "In this haunted fairyland, the director creates images of exquisite rightness from a pristine, pastel palette, lifting the viewer's senses into a

delicate rapture."

The film was written and directed by Vietnamese emigre Tran Anyh Hung. It will be shown in Vietnamese with English subtitles. The Penn State-Behrend Women's Film Series is sponsored each year by the Office of Student Activities.



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- SGA Report -

by *Ericha Hagenbuch*

At the April 12 Student Government Association meeting, budget recommendations were disclosed.

Major cuts were made in the budget for regional speakers, travel expenses, recruitment parties, and off-campus activities.

A list of all requests and recommendations are listed in this issue of *The Collegian*.

The rationale behind each of the budget committee's recommendations will be sent to each club and organization.

These lists will also be posted in the SGA office. All questions and concerns related to the budget recommendations will be addressed at the Wednesday, April 19, 1995 SGA meeting.

There was a motion to amend Sections 3 and 4 of the Constitution.

If accepted, the section will require Resident Senators to attend all Joint Resident Council meetings, and will require Commuter Senators to attend all

Commuter Council meetings. The motion was automatically tabled until next week's meeting.

With 80 percent support, a change in weekend quiet hours will be instituted. Students may vote to keep quiet hours the same, or change them to 11 p.m., or 12 midnight.

Concerned students can vote every Tuesday at 8:30 p.m. in the Lawrence Hall Lobby. Call Brett Kocijan, JRC president, with questions at 898-6770.

Commuter Council elections will be held on April 26 at 12 noon.

The Panhellenic Council held its elections last week. Julie Claypoole of Alpha Sigma Alpha is the new president.

New Coordinator and Vice-Coordinator of CCSG are Matthew Plockie and J. Benjamin Faulds.

Behrend lost their vote for coordinator due to miscommunication.

PENN STATE-BEHREND SUMMER SESSION 1995 UNDERGRADUATE COURSE LISTING

3-WEEK SESSION May 10 - May 31

AM ST 105*
BI SC 002
ECON 002
ECON 302
ENGL 202C
ESACT 138
ESACT 342
IE T 212
MIS 204
PL SC 003
PSYCH 472*
SPAN 003**
SPCOM 100A
THEA 100

*Diversity-Focused
**4-Weeks
+Other Cultures

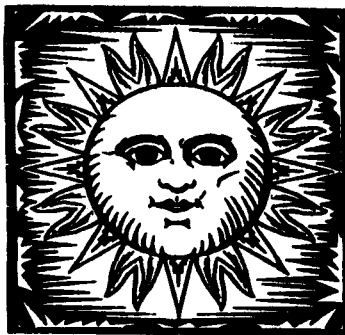
8-WEEK SESSION June 12 - August 2

ACCTG 200
ARTS 001
ASTRO 010
ASTRO 011
BIOBD 380
BIOL 011
CHEM 012
CHEM 013
CHEM 014
CHEM 015
CHMBD 497A
CMLIT 003*
CMPBD 204
CMPSC 203
CN ED 420
ECNS 470
ECON 004
E E 251
EE T 100
E MCH 012
ENGL 004
ENGL 015
ENGL 202D
ESACT 220
FIN 301
FNC 410

10-WEEK SESSION May 15 - August 2

GEOSC 020
HIST 010* +
IE T 212
KEYBD 100J
L I R 100
MANGT 470W
MATH 004
MATH 021
MATH 022
MATH 040
MATH 110
MATH 140
MATH 141
MATH 251
MCH T 111
ME T 206
MKTG 301
MSIS 200
MUSIC 005
OPMGT 301
PHIL 001
PHIL 106
PSY 002
PSYCH 130
SPCOM 100B

Undergraduate Independent Study, Internships, Practicum and Projects
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Some courses have unique beginning and ending dates. Independent Study for variable credit may be arranged for the 10-Week Session. Summer on-campus housing is available in the student apartments; call 898-6161 for further information. Summer 1995 Class Schedules are available at the Registrar's Office. The University reserves the right to cancel classes due to insufficient enrollment or unforeseen circumstances.

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