

Research

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 as well, is perhaps one of the most interdisciplinary research areas at the University.
 "It's unusual today for one discipline to solve problems," Krueger said. "We pull together teams of researchers from all different colleges and departments."
 Hood said that because "there's much more to agriculture than many people believe," the interdisciplinary approach found in most areas of agricultural research is not always obvious and may be surprising to some.
 "In the horticulture department, for instance, we have research programs focusing on growing high-quality apples. But over in plant pathology, there are researchers working on diseases of apples. And in food science, people are researching the processing of apples," Hood said.
 Integrated pest management, a concept developed within the past decade, also exemplifies the interdisciplinary approach to research.
 "This concept embodies the fact that you not only need to spray to control a pest, but you need to predict when that pest is going to be there," he said. "So you need people who are knowledgeable about meteorology, insect population dynamics, and relationships between the host and pest."
 Geranium production, a multimillion-dollar international industry, is the focus of a University breeding research program that is one of the

Council

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 Richard Craig, professor of plant breeding, said the geranium-breeding research program, which began soon after a bacterial blight in the mid-1950s brought the geranium close to extinction, has been a cooperative effort among plant breeders, pathologists, geneticists and entomologists.
 "In 1963, we introduced the first seed-propagated geranium called Nittany Lion Red," said Craig, who began pioneering the field of geranium germination and breeding while studying as an undergraduate at the University.
 More than 3,000 square feet of University greenhouse space — about 25 percent of the total — is used to grow geraniums, Craig said, adding that Penn State is the only university in the country with such an extensive geranium-breeding research program.
 Another interdisciplinary research project being undertaken by researchers from the plant pathology, agronomy, entomology, horticulture and agricultural engineering departments is the improvement of species of turfgrass — grass that is grown on most places, including home lawns, golf courses and athletic fields.
 Thomas Walschke, a University professor of turfgrass science, said Penn State, Penn State Harrisburg, Penn State Berks and Penn State Schuylkill are some of the species of grasses developed for various turfgrass and seed industries.
 Council member F. Daniel Winand said he didn't like to see enforcement, citations or fines — he wanted compliance.
 "That's what the law is for, compliance, not fining," Winand said.
 "Council is hurt," Winand said. Winand said that once the IPC and the borough get over being hurt, "we can work together for a better community."
Charges get reactions
 The 16 University fraternities charged with serving alcohol to minors will receive criminal complaint charges by certified mail later this week, and a preliminary hearing will probably be set for late January, the State College District Magistrate's Office said.
 State College Police Chief Elwood G. Williams said he has not yet discussed the prosecution with the District Attorney and would not say if he would press for full penalties.

Africa

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 Referring to the pro-divestment movements of several campus groups, the student said it's not that black South Africans here don't agree with the movement — "it's that we want to go home again."
 "If we say something, then when we go back we would just be picked up and that wouldn't be any good. We might not be able to go back or we might not even be able to get our degree. I feel it is better to work inside the country than outside," the student said.
 Kopp called the South African students here "courageous because they are learning and will play a key part in the coming changes in South Africa." He said the University can do little to protect the students from agents of the South African government.

Kopp criticized those who try to bring the South Africans into the divestment debate. "It is very unfair. I strongly urge faculty and domestic students to leave these students alone because of the eyes and ears around here. Don't force them to suffer."
 Still, Stephanie Cooper, president of the Committee for Justice in South Africa, said that by their silence, black South African students are criticizing the SHARE program, the University's response to apartheid.
 "If they were really positive about the SHARE program they would say so," she said.
 Kopp disagrees. "They are here for an education and that's what they are getting."
 Added the black South African student, "If you speak up, you can't go home."

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Senate discusses student input

By W.M. MASON Jr.
 Collegian Staff Writer

University Committee and Rules Chairman Peter A. Throver introduced a proposal yesterday "to obtain a greater parity in student representation on the University Faculty Senate."
 The proposal, introduced at the Faculty Senate meeting, would modify the University constitution on student representation by proposing the following:
 • Full-time, degree-seeking undergraduate students at University Park shall elect 10 students to be senators.
 • Full-time, degree-seeking undergraduates at locations other than University Park shall elect five student senators, including one each from Behrend and Capital colleges.
 • Full-time degree-seeking graduate/medical students shall elect two student senators.
 • The total number of all student senators shall not exceed 10 percent of the approximately 170 elected faculty senators.
 Currently, student senate representation includes one representative

from each of the 10 University colleges, four graduate students and three Commonwealth campus representatives.
 The request calls for a reduction in the number of graduate student representatives from four to two, and the creation of two Commonwealth educational system seats, one for both the Behrend and Capital colleges.
 The addition of two more senate seats to the Commonwealth campus system has resulted from an increase in the number of students at the Commonwealth campuses, Throver said.
 But Graduate Student Association president Russ Taylor said both the GSA and the University Student Executive Council are concerned about the proposal's emphasis on reduced graduate student representation.
 "The two new Commonwealth campus seats are for undergraduates only, and we're concerned because we don't want undergraduate representation to get better at the expense of Graduate student representation," he said.
 "Frequently, graduate students play two roles, one as students and one as instructors," Taylor said.

"Most undergraduates don't have this dual role and, in general, there are instructor-related issues (in the senate) that graduate students are better prepared effectively to deal with," he added in support of his opposition to that item in the proposal.
 A subcommittee also involved with the proposal is expected to meet for the second time, before the next senate meeting, to discuss the issue further.
 The proposal is expected to be discussed and debated by Faculty Senate members at next month's senate meeting and aims to correct unequal student senate representation.
 The unequal distribution of student representation resulted from the merger of the College of Human Development and the College of Health, Physical Education and Recreation, the formation of the School of Communications and pleas for representation by officials at Behrend and Capital colleges.
 Throver said the proposals are a consequence of the senate's inability to increase student representation above 10 percent.

King to be honored

Charlyne Hunter Gault, outstanding journalist and national correspondent for the *MacNeill/Lehrer News Hour*, will highlight what University President Bryce Jordan announced yesterday as a "University-wide celebration" of Dr. Martin Luther King Jr.'s upcoming birthday.
 A convocation to be held in Eisenhower auditorium at 4 p.m. Jan. 19 is being planned as a celebration of the life and work of Dr. King, and "is an important occasion for the University" and the community, Jordan told Faculty Senate members.
 The convocation, one of several activities planned in connection with the University's second annual celebration of the slain civil rights leader's birthday, has brought Penn State, the central Pennsylvania community and various University groups together in sponsorship.

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