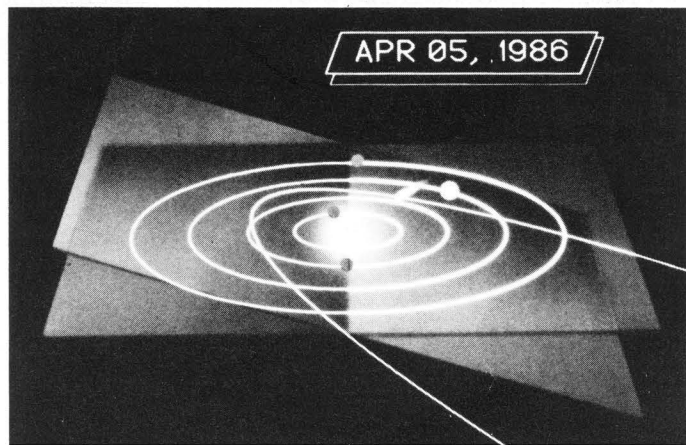


SU's Who

People and their exploits



Judson Rosebush's computer graphics of Halley's Comet enlivened the newscasts of Independent Network News.

Special Effects

If you watched Independent Network News' (INN) coverage of Halley's comet, you were actually seeing computer graphics created by Newhouse grad **Judson Rosebush**.

Rosebush, a 1970 graduate, recently formed his own computer graphics firm to produce illustrative graphics (usually high technology ones) for advertising agencies, broadcasters, public relations firms, medical and pharmaceutical companies, and Fortune 500 companies.

The Halley's comet project, however, was a labor of love. The animation is a 30-second shot of the comet, the sun, and the inner planets (Earth, Mercury, Venus, and Mars). The viewer can see all of them in motion at once, all in their proper orbits and positions relative to each other and to the universe.

"I've always been interested in science and the solar system," Rosebush explains. "I particularly wanted to make it easier for the audience to understand what was happening in a larger context. Most of the pictures I've seen either show just the comet or where it is in the sky, and neither one of those things is satisfactory by

itself. You really must see an establishing shot, which puts the comet into a wider context."

Apparently many people agreed with him, for the piece was sold not only to INN, but to local stations around the country and abroad.

A Man's Game

Annmarie Hoda is just one of the thousands of SU students who are involved in athletics, but she participates in a rather different way: She's the only woman manager for the SU varsity football team.

"People keep telling me that I'm being a trendsetter, but I don't think it's such a big deal," she says. "I just like football and wanted to be involved. The other student managers I work with have accepted me, because they can see I can work just as hard as they do."

As a manager, Hoda sets up drills during practices, making sure the different coaches have the equipment they need. She also sets up the locker room before a game and packs and unpacks for away games.

A junior majoring in elementary education, Hoda herself plays only volleyball. "But I like to be involved in athletic

things," she says, "so I'm also a manager for swimming and wrestling."

Switching Programs

When **Philip Cooper** left Syracuse in 1973, the Newhouse School graduate planned a career in communications. But not the electronic kind.

Last December he returned as the cofounder of an artificial intelligence (AI) firm and the keynote speaker for the annual winter meeting of the Computer Applications and Software Engineering Center (CASE Center).

Cooper is chief executive officer and chairman of the board of Palladian Software of Cambridge, Mass., which specializes in commercial expert systems. Palladian has produced a revolutionary AI program called Financial Advisor that helps corporate executives plan, formulate, evaluate, and monitor capital intensive projects and products. Industry analysts call the program the first commercially available application of artificial intelli-

gence technology that actually performs as advertised.

Palladian is not Cooper's first company. After several years working in advertising, he founded Computer Pictures Corporation, a computer graphics company that prepared easily comprehended pictures to explain complex computer output to corporate executives. The firm, enormously successful, was sold, and Cooper became an Alfred Sloan Fellow at M.I.T.'s Sloan School of Management, where he studied the application of expert-systems technology to corporate management problems. That led to Palladian.

Cooper's entrepreneurship began at age 15, when he formed a lawn care company that employed other high school students. Most of that money was spent on flying lessons, a love that has remained with him. Today he owns and restores several World War II bombers.

Making the Pros

For most students, "making



Annmarie Hoda is used to getting along in a man's world. As the only woman manager for the SU varsity football team, she makes a thorough check of equipment before drills and games.



For senior Jim Clow, the chance to play Romeo in Syracuse Stage's professional production of *Romeo and Juliet* was a head-start on his career. The four-week run opposite costar J. Smith-Cameron was one of the happiest experiences in his Syracuse career.

the pros" probably conjures up images of sports, but not for junior **Jim Clow**. The musical theater major recently played the male lead in an innovative production of *Romeo and Juliet* mounted by Syracuse Stage, and so earned his Equity union affiliation.

The opportunity gives Clow a giant step up in his career. It's also a groundbreaker for Syracuse Stage, the city's only fully professional theater company; despite its affiliation with the University, Syracuse Stage had never before cast an SU student in a leading role. To win the part, Clow auditioned against not only his peers in the drama department but against professional actors in New York City.

Clow was cast by Syracuse Stage's managing director Arthur Storch, who recognized an unusual mixture of attributes. "He has a very boyish quality," he said, "and yet is deeply sexual and romantic at the same time."

Clow was delighted to have made his professional debut in a classic, although he was only too aware of the dangers involved.

"I had to be careful not to fall into a pattern," he says. "When I said, 'Parting is such sweet sorrow,' I had to give new meaning to every word."

Judging from the favorable reviews, he succeeded.

Designing a Career

SU student **Kimberly Baker** accomplished something last summer every fiber arts major in the country envies: an internship at the prestigious Jack Lenor Larsen studio in New York City.

Baker, a senior, was selected from more than 150 applicants nationwide and is believed to be the first undergraduate ever to intern at the studio.

"Jack Lenor Larsen is one of the world's top textile designers," Baker explains. "He has showrooms in 48 countries. His pieces are considered fine art, not a commercial craft."

At the New York studio Baker worked with designers drafting weave patterns and learning color dyeing techniques. She also helped design a new collection of fabrics based on 20th century themes and worked in the textile archive collection. She feels she found out a great deal about the industry.

"Of course I learned technical skills, but I also gained much insight into the industry by studying its history. But most important, I found out where my strengths are and what I am lacking 'skillwise.' Fiber artistry is a way of life for me," she says. "That's what I do the best, and I want to be the best."

Singing for Kids

The **Black Celestial Choral Ensemble** made its New York City debut in good company. On the program with them were host Bill Cosby, George Benson, Ashford and Simpson, Chaka Khan, Carl Anderson, and others.

These high-powered performers got together for a December benefit for disadvantaged children sponsored by CBS Records and the David Winfield Foundation. In a star-studded performance titled *Broadway All-Stars Hitting a Homerun for Kids*, they sang and danced for a sold-out crowd of more than 1,000 guests, each of whom had paid \$350 per ticket.

It was quite an opportunity for a choir that's only been in existence for eight years, according to its director, **Ervin Allgood**, 1982 alumnus and now counselor/coordinator of minority affairs at SU. Allgood helped found the organization when he was a student.

"We wanted to have a gospel choir on campus because we felt something was missing in terms of culture," Allgood explains. "It was important to have a group that would provide us with a real purpose as well as a social outlet."

"But to tell you the truth," he confides with a smile, "I had big hopes when I formed it—but they weren't *this* big!" At the benefit, the ensemble was the only group asked to do an encore.

Cooperative Venture

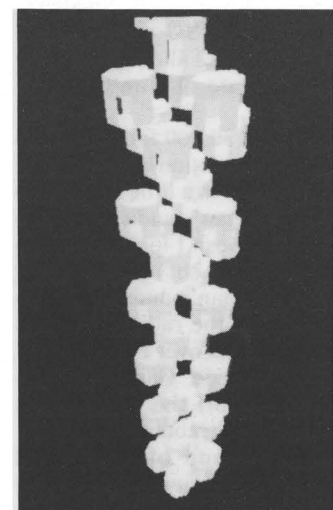
Professors from two different SU schools are working together on a project that will enhance both their professions. **Francois Gabriel** of the School of Architecture and **John Oldfield** of the College of Engineering are developing a computer program that will prove a valuable tool to architects all over the world.

Gabriel is a recognized expert in the design of structures based on the triangle, which, as a building block, is inherently stronger than the rectangle, he says. The triangular

shape also leads to exciting architectural forms and innovative construction techniques and is finding increasing acceptance among prominent architects.

The main obstacle, according to Gabriel, is the difficulty of using the standard architectural visualization techniques found in drawings and blueprints for triangular constructions. So he searched for an SU colleague who could create a computer program to assist architects.

Enter Oldfield, whose specialty is the design of digital systems and who frequently



A computer program to help architects has been devised by two SU professors.

uses computer graphics in his work. Oldfield has developed a computer program that allows architects to "draw" the shapes quickly and easily, see them from different angles (including the inside), "walk" around and through them, and multiply them in clusters just as they would be combined in building. Within minutes, an architect can get a sense of how a given configuration would look rather than spending days doing conventional drawings.

While the practical possibilities of the program are obvious, to Gabriel it also means a giant step forward in communicating his beliefs about triangular structures to other architects.