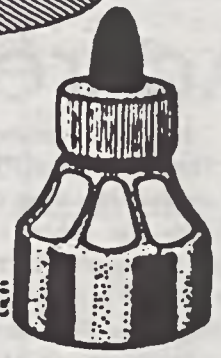
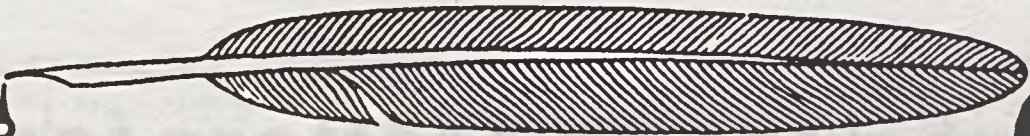




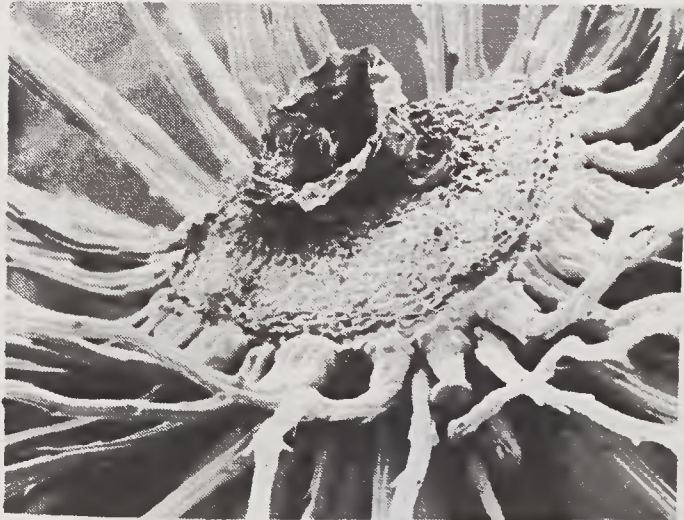
The Stentorian



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Top - Celeste Posey's hand-painted photo of a dandelion seed
Bottom - Sue Wu's photo of a crystal formation

Posey and Wu in Art of Science Exhibit

by Ross Little
S&M students Celeste Posey and Sue Wu recently won special merit places in the National Science Foundation's Art of Science competition.

This national art competition challenges students to create original artwork that shows the relationship between art and science. Posey and Wu were part of the 50 out of 200 students picked for their work.

Both girls submitted electron micrographs. Posey won with a hand-painted photo of a dandelion seed, and Wu won with a crystal formation of potassium dichromate.

"The school figured at least one of us would win," said Posey, "since micrographs really tied together art and science.

The great thing is that Sue and I both won!"

Art teacher Joe Liles knew of the Posey's love of photography and offered her the opportunity to work with Dr. Peter Ingram, a professor at Duke who also works at the Research Triangle Institute.

"I'd always wanted to use an electron microscope," said Posey, "so I jumped at the chance when Mr. Liles asked me about it."

"Celeste told me about working with the microscope," commented Wu, "and when she asked me if I'd like to work with her, I said sure!"

Wu and Posey prepared about 14 slides of various items, from plant seeds to gold chains. "Mr. Liles suggested things like plant leaves and seeds, while Dr. Ingram got on the track of

crystals," Celeste said.

"We knew bugs were out right away," she said. "Everybody who does electron micrographs messes with bugs."

The two girls spent about an hour and a half looking at all their different slides and deciding which ones would make good pictures. "Dr. Ingram was really great, and we thank him a lot for his help," said Wu.

When the results of the competition were released last February, both girls were surprised. "I simply felt shock when I read a note on my door that said I'd won," reflected Posey.

"Neato!" was all Wu could think to say when she found out. Now both girl's works are being exhibited outside the art studio until Dec. 9, when the exhibit moves on to another part of the country.

INSIDER DEBUTS THIS ISSUE

This issue of The Stentorian contains a bonus: Insider, a new national magazine for high school students.

Starting this fall, 500 high schools in 27 states will offer the free magazine as a supplement to their regular student newspapers. The Stentorian will carry the magazine three times a year.

The first issue includes articles about teenage characters on TV shows, what to wear to college interviews, and how to snowboard and skimboard. Insider also has a questionnaire about after-school jobs. Students who return the questionnaire are entered in Insider's trip-to-London sweepstakes.

Fred Bernstein, the editor of Insider, fashioned Insider as a high school version of Parade, the Sunday magazine distributed in newspapers all over the United States.

Because Insider will reach 500 thousand stu-

dents, it can get interviews with national figures. Also, he said, "we can provide a country-wide perspective on issues of interest to high school students."

One of the ways Bernstein keeps up with teenagers' interests is to read high school newspapers, including The Stentorian. "More than 400 newspapers pour in to my office every month," he said, "and I read every one of them."

While he's reading, he clips out the most interesting articles, which will appear in future issues of Insider.

"Every issue will contain excerpts from at least 20 high school newspapers," said Bernstein, who encourages students to submit articles, letters, photographs and cartoons for publication -- and promises to read every thing he gets.

Bernstein spent two years creating Insider. "A lot of people told me it

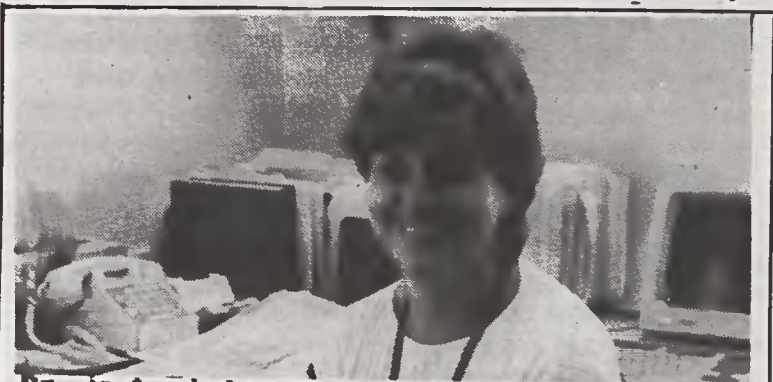
wouldn't work," he said. "They said that the only magazine that could get past school administrators would have to be so boring that no student would want to read it. But I don't think that's true."

For Bernstein, one of the hardest parts of this project has been selling enough ads to pay for the cost of printing the magazine.

"Getting advertisers interested in a new publication is tough," he said. "But according to one study, high school students spend \$34 billion a year."

"Obviously, class ring companies and review book publishers are interested in advertising in the magazine," said Bernstein. "But so are companies like Campbell's."

The American Institute of Foreign Study is the sponsor of the sweepstakes in this issue. Entries must be received by Insider on or before Dec. 10.



Dr. Jo Ann Lutz Grants Benefit Cal., ICM

by Dana Bius
The NCSSM math department recently received two large research grants for pioneering work in math education.

Math teacher John Goebel will utilize a \$20,000 National Science Foundation grant and work with Duke University professors to explore possible ways of redefining the Calculus curriculum.

If the research goes well, a larger grant at the end of the year is possible.

Jo Ann Lutz, head of the math department, is in charge of using the Carnegie

Corporation's \$20,000 grant to expand the use of the school's innovative Introduction to College Math course.

Currently, Lutz is working to get the ICM textbook published.

"We're excited that other teachers want to teach ICM," Lutz said, "and we hope that finding a publisher will help them to do it."

In addition to publishing the book, the grant money will also be used to distribute the text materials to teachers across the country who ask for it.