

# Senator faces foes' allegations of misconduct

WASHINGTON (AP) — Sen. Brock Adams, D-Wash., staked out a politically risky position on war in the Persian Gulf. Republicans say it could make or break his troubled bid for reelection next year.

Adams says his outspoken criticism of President Bush's policy is based on moral principles, and acknowledges it could cost him his seat.

GOP strategists say it is a calculated move to shore up his liberal support and deflect attention from his political liabilities, including an uncorroborated 1987 allegation of sexual misconduct.

Adams has taken a lead role in opposing an attack against Iraq. Last month he said the United States should withdraw half its troops from Saudi Arabia.

Washington State GOP Chairwoman Jennifer Dunn said Adams is grandstanding to ward off Democratic challengers in the 1992 primary. But she said the plan is politically astute

and could work in the long run.

"He is in a lot of trouble out here. He's got to grab some kind of liberal issue that gives him support," Dunn said in a telephone interview from Bellevue, Wash.

"He needs to do several things before the election and this is one of them. He's got to build credibility," she said. "I'm sure it will help him with the liberals and that's exactly what he is aiming for."

Adams has been on the national GOP's hit list since a female aide, Kari Tupper, accused him of drugging and sexually molesting her at his Washington, D.C., home in March 1987.

Police, citing a lack of evidence, never filed charges. Last month Adams made public a 3-year-old polygraph test that he says proves his innocence.

"Brock Adams desperately needs an issue to deflect public attention away from the issues that now identify his tenure in

the Senate," said John Carlson, president of a conservative think tank in Bellevue, the Washington Institute For Policy Studies.

"He is searching about for an issue he hopes will command such public concern and attention that he can ride it as a political wave into the 1992 election," Carlson said.

Adams, who is in his first term, said he resents the allegation that his role in the Gulf debate is politically motivated.

"That's the most outrageous thing I've ever heard. This is a matter of principle," he said in an interview. "This is a matter of far greater risk than gain, but it has nothing to do with either."

Rep. Jim McDermott, D-Wash., defended Adams. He said Adams and Sen. Tom Harkin, D-Iowa, have "taken the most courageous stand of any-

body in the Senate."

"To accuse him of grandstanding when we are trying to stop a war seems to me like the most cynical political analysis you could put on that," McDermott said.

Adams told members of the Cato Institute, a libertarian research group in Washington, D.C., that most congressmen are unwilling to challenge the president while troops are in the field.

"It may cost me my seat, but I've long since made up my mind that had no force with me. I firmly believe this nation deliberately created a presidency that did not have the power to unleash the dogs of war," Adams said.

Karen Marchioro, chairwoman of the Washington State Democratic Party, said Adams has long opposed war. He stood up against the late Sen.

Henry "Scoop" Jackson, D-Wash., in debate over Vietnam, she said.

"It isn't as if he is some hawk that suddenly is veering to the left to get something," Marchioro said. "If you don't do anything they say you are ineffective. If you do something, they say you are grandstanding."

Ted Galen Carpenter of the Cato Institute said Adams has "done more than any member of the Senate in recent times to reassert Congress' prerogative on foreign policy."

Carlson doubts Adams will recover from the allegations of sexual misconduct, regardless of whether they are true. He said just as Chappaquiddick kept Ted Kennedy from becoming president, the Tupper affair will keep Adams from being re-elected.

## Kids conquer computer art

AUBURN, Wash. (AP) — They still use the tracing paper, mechanical pencils, triangular rulers and plastic triangles.

But high school drafting classes are going high-tech these days, teaching students to transfer their illustrations from the drawing board to the computer screen.

At Auburn High School, students in Mike Newman's architectural engineering class sit at computer terminals programming their illustrations.

Then the computer goes to work. An inking stylus zips back and forth on a track while the printer rolls the drawing paper backward and forward. The result is a professional-looking inked illustration of machinery parts, floor plans or construction details that would take hours of work to reproduce by hand at a drawing board.

"Every day I watch this thing, and I'm amazed at what comes out," Newman said of the computer-assisted drawing system.

The blend of computer technology and drafting has been luring more students, many of them interested in careers in architecture, engineering, construction or technical illustration. Some of them just enjoy drawing.

"The beginning classes are overfilled. And the advanced classes are at maximum," Newman said.

Like other high schools, Auburn shifted over to computerized drawing systems to help students prepare for futures in a high-tech society.

There's a growing demand for engineers and technical illustrators experienced with computerized systems. Somewhere along the line during production, there must be a drawing of every part of every product manufactured.

The benefit of computerized drafting is that drawings and information can be produced rapidly. And if revisions are needed, they can be reprogrammed in short time and a new drawing quickly produced, saving time and money. Computers also convert two-di-

mensional diagrams to three-dimensional drawings, and are used to compute volumes of materials and production costs.

"Boeing, for example, is going toward a lot of three-dimensional work by computer," Newman said.

But beginning students don't go straight to the computer terminal. They start learning the basics at the drawing board, then begin plotting more and more complex drawing on computer. Advanced projects include floor plans, elevations or construction details.

A project by senior Craig Nelson shows a cross section of a wall and foundation for a house, what amounts to a builder's working drawings for a structure meeting current building codes.

"For example, we have to use the charts in the books to look up the size of the joists we need to carry the dead weight of the floor in the house," Nelson explained.

Like other students in the class, he hopes to go to college and study engineering and architecture. Some are more interested in construction, like Wayne Porter.

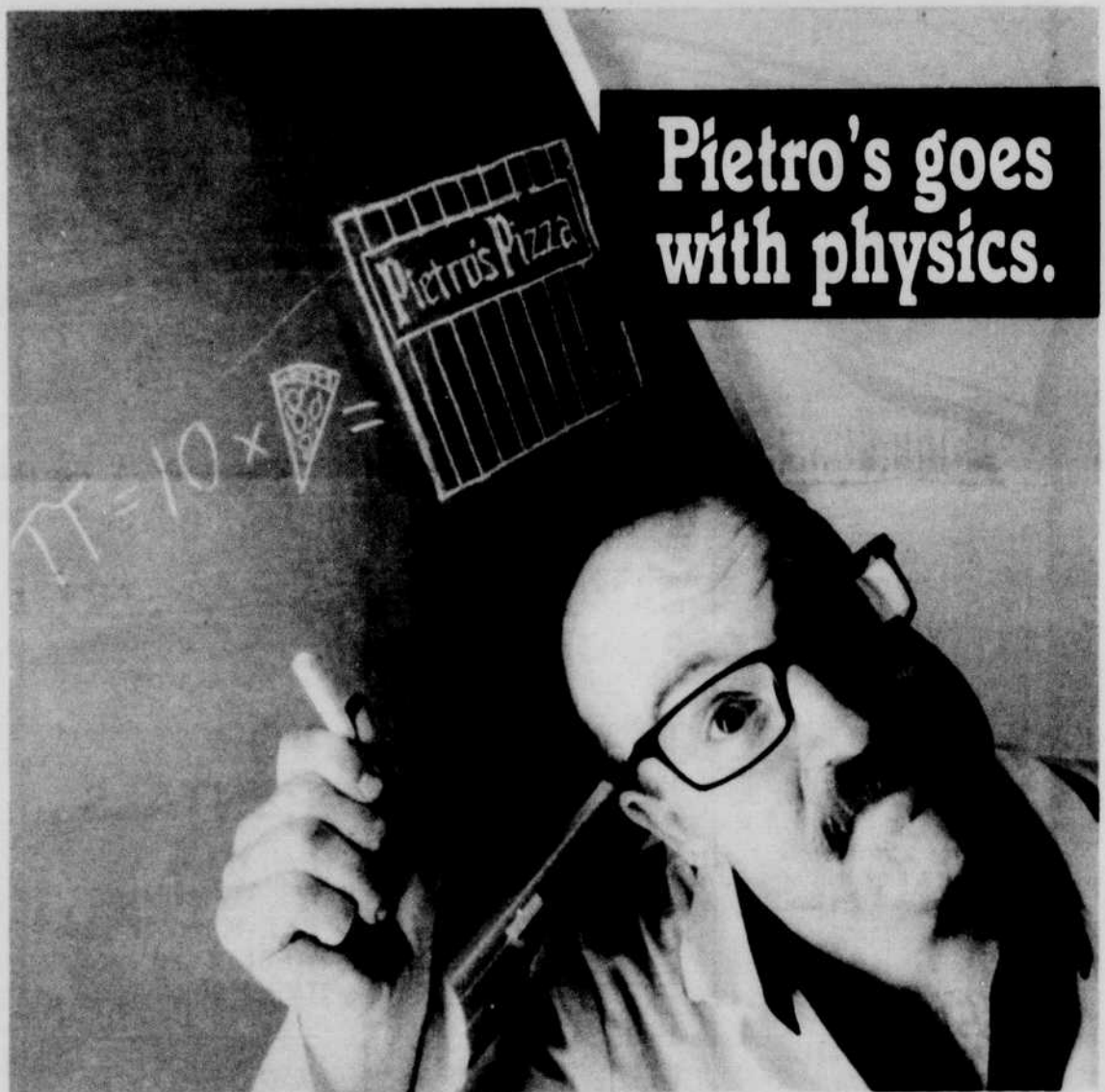
"Eventually, I'd like to have my own company, and I could draw up plans for the houses we build," said Porter, who was working to produce elevations of a home.

There are 130 boys and 27 girls enrolled in the Auburn High drafting classes.

Most class projects, such as drawings of construction plans or cross sections of machine parts, "probably are more of a male-type thing," said Darcy Stoughton, a senior in the advanced drafting course.

Stoughton plans a career as a physical therapist, but she's also interested in architecture.

Newman said an advisory panel of professionals helped design the program, which includes projects requiring students to delve into building codes and other technical data. A few years ago, students wouldn't reach those levels until college or vocational school.



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