

Getting the Picture

■ BEN SHNEIDERMAN

Ben Shneiderman says he is happy to be called a toolsmith. This professor of computer science and founding director of the UMIACS Human-Computer Interaction Lab has long been at the forefront of helping make computers more usable. In particular, Shneiderman works on ways to represent large amounts of data to help people grasp and absorb the information they need.

“He was one of the forefathers of human-computer interaction,” says Mary Czerwinski, a researcher at Microsoft. “He saw from the get-go that you can’t just design technology without asking if the technology is useful and usable. He embraced the user about 20 years before computer science departments got it.”

To help create better interfaces, Shneiderman and his coworkers in the Human-Computer Interaction Lab, or HCIL, work with real users, such as biologists, librarians, and children, to figure out what people need in different contexts.

“I’ve had the pleasure of having seen my work go out in the world,” says Shneiderman. In the mid-1980s, Shneiderman’s group developed the first hypertext systems, allowing users to click on links from one part of a text to be



