would use a graphic program and take measurements by hand. It’s not very accurate. It doesn’t capture as much detail and it’s not very useful. By using high-resolution laser scanning, we can do much more efficiently and quickly.”

This dynamic model, Allen said, can put this spectacular and fragile structure of Beauvais in the hands of every would-be student, researcher, or tourist. For instance, through the Media Center, the team can move from one side of the site to the other, changing the scale and the viewpoint. Once the structure is scanned, the data can be combined into a digital model, which can be viewed on a computer screen and interacted with. The model can be used to study the structure from different angles, to visualize the interior of the building, or to explore the surrounding area. The model can also be used to create virtual tours of the site, allowing visitors to walk through the structure as if they were there in person.

Through the Media Center, a Columbia research group involving many of the same participants is also studying the fragile structure of Beauvais in France in an attempt to determine its weak- nesses and propose remedies. The cathedral, the tallest freestanding central cathedral in France, is listed on the World Monu- ment Fund’s Most Endan- gered List.

Allen said, “We would not have put that spectacular group together anywhere else except at Columbia—the mix of experts right here on our campus is tremendous.” Roelof Versteeg specializes in below-ground and non-inva- sive sensing. Kenneth Ross is an expert on databases and new methods of accessing data. Steven Feiner is at the forefront of user interface design and augmented reality. Lynn Meskell is an authority on Egyptian archae- ology, serving as Field Director of the Amheida Excavation in Amheida, Egypt. Stephen Murray is a leader in bringing the multimedia and information technology that the media is using to sites alive through his use of new digital technologies.

Columbia’s initiative in Egypt will provide first-hand experience in the field for grad- uate and undergraduates and offers newly exca- vated material for specialists and researchers to work with. As new artifacts are unearthed, and links estab- lished to other research, they can be com- bined into an interactive data- base that will give students and researchers access to a wide scope of learning materi- als related to the site. These new tools will also allow mul- timedia access to buildings, invisible areas, and artifacts. The outcome is a powerful tool for investigating the site as well as discovering new regions and areas of the site to explore.

Further information on the project is available at http://www.cs.columbia.edu/New/ workshop.html.

Federal Budget Progressing Slowly; Bioterrorism Still on the Agenda

by emily smith

The Congress is now contem- plating staying in session until early December to complete the annual funding bills for fiscal year 2002 (FY02) and address issues such as airline security, housing and a stimulus package, and additional controls on internationals students, has ar- tefacts and materials of scientific and engineering significance. For instance, the first federal fiscal year began on Oct. 1, 2001, with more than 100 bills pending, yet the House has completed a series of continuing resolutions to make certain that the Govern- ment continues functioning. For those who have already passed, a number of bills have not been completed and new ones are being prepared. This year in advance as though now has been no major impact. All bills are expected to be complete by mid-December.

NSF Awards Columbia $23 Million For Research in Digital Archaeology

(Briefed on Page 2)

Through the Media Center, a Columbia research group involving many of the same participants is also examining the fragile structure of Beauvais in France in an attempt to determine its weak- nesses and propose remedies. The cathedral, the tallest freestanding central cathedral in France, is listed on the World Monu- ment Fund’s Most Endan- gered List.

Allen said, “We would not have put that spectacular group together anywhere else except at Columbia—the mix of experts right here on our campus is tremendous.” Roelof Versteeg specializes in below-ground and non-inva- sive sensing. Kenneth Ross is an expert on databases and new methods of accessing data. Steven Feiner is at the forefront of user interface design and augmented reality. Lynn Meskell is an authority on Egyptian archae- ology, serving as Field Director of the Amheida Excavation in Amheida, Egypt. Stephen Murray is a leader in bringing the multimedia and information technology that the media is using to sites alive through his use of new digital technologies.

Columbia’s initiative in Egypt will provide first-hand experience in the field for grad- uate and undergraduates and offers newly exca- vated material for specialists and researchers to work with. As new artifacts are unearthed, and links estab- lished to other research, they can be com- bined into an interactive data- base that will give students and researchers access to a wide scope of learning materi- als related to the site. These new tools will also allow mul- timedia access to buildings, invisible areas, and artifacts. The outcome is a powerful tool for investigating the site as well as discovering new regions and areas of the site to explore.

Further information on the project is available at http://www.cs.columbia.edu/New/ workshop.html.

ABC News Head Dies First Amendment and Sept. 11

by carolee lahadieh

In a recent lecture on the first amendment at the School of Journalism, David Westin, president of ABC News, told the students that he received from U.S. National Security Advisor Condoleezza Rice a “no-bomb” warning because of the potential risk in arising the unedited videotape of Osama bin Laden during ABC's coverage of television network in Qatar. Westin said his response to Rice was that ABC wanted to do everything to be responsible while reporting the whole story to the American people.

News organizations should be sensitive to government requests to block stories and media reasons. Westin argued, but news organizations, not the govern- ment, should ultimately decide what to report.

“If we are not careful, [our enemies] will use our nation’s pro- found responsibility for our secu- rity against us by causing, if they can, loss of the freedom that the govern- ment to suppress information for what government officials per- ceive to be the national interest,” he said.

“The stakes are too high to do away with press,” Westin said. “The govern- ment that the press provides at this point in history,” said Westin.

Meanwhile the public is hun- gry for information and yet often not sure what they want to be told everything, he said. The public is questioning whether reports on military operations and domestic terrorism may be aiding the enemy.

Westin added that the Ameri- can people will hold the press accountable for the media’s job.

“Thus far our relations with the government have been responsive, but members of the public can be more outspoken in trying to tell us what and what not to report.”

In Wake of Terrorist Attacks, Senate Reaffirms Principles of Open Debate

by tom mathewson

Although there have been no threats to freedom of speech so far in the budding Columbia campus debate about our nation’s response to terrorism, the University Senate on Oct. 26 warned against such abuses in a resolution that was not without dissent, but with only a absten- tion.

Forty-seven of 84 senators attended the meeting. The resolution, proposed by the Senate Disciplinary and Grievance subcommittee, was recommended by a committee that was formed in the wake of the September 11 terrorist attacks that claimed the lives of close 3,000 people.

Executive Vice President for Administration Emily Lordi told the senators that she had reviewed reports of potential problems on campus that did not identify and of which she was unaware. Student Government Chairperson Roosevelt Montes (GSAS) replied that Columbia is a "wonderfully diverse campus," which is a main reason why many people choose to be here. "But the time is now a degree of tension and concern on campus, and that the time is right to affirm our free speech. Sen. Michael Castle- man (St., Engineering) added that it makes sense to antici- pate threats to open discourse now, just as it makes sense to identify and prevent the threat of anthrax infection.

Executive Vice President for Administration Emily Lordi told the senators that she had reviewed reports of potential problems on campus that did not identify and of which she was unaware. Student Government Chairperson Roosevelt Montes (GSAS) replied that Columbia is a “wonderfully diverse campus,” which is a main reason why many people choose to be here. "But the time is now a degree of tension and concern on campus, and that the time is right to affirm our free speech. Sen. Michael Castleman (St., Engineering) added that it makes sense to anticipate threats to open discourse now, just as it makes sense to identify and prevent the threat of anthrax infection."

While most anti-terrorism leg- islation enjoys bipartisan sup- port, tax legislation has remained partisan. The House passed tax legislation over a week ago which included the Economic stimulus plan as well as a provision for increased charitable giving in response to the September 11 attack.

The Senate Finance Committee plans to mark up this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week.

The next plenary Senate meeting will be Friday, Nov. 16, at 1:15 p.m in the Engineering Auditorium. Any- one with a CU1ID is welcome. More information about the Senate is available on the web, at www. columbia.edu/senate.

Embedded in the legislation is a resolution adopted without dissent or abstinence of a particular problem on campus which did not identify and of which he was unaware. Student Government Chairperson Roosevelt Montes (GSAS) replied that Columbia is a “wonderfully diverse campus,” which is a main reason why many people choose to be here. "But the time is now a degree of tension and concern on campus, and that the time is right to affirm our free speech. Sen. Michael Castleman (St., Engineering) added that it makes sense to anticipate threats to open discourse now, just as it makes sense to identify and prevent the threat of anthrax infection."

While most anti-terrorism leg- islation enjoys bipartisan sup- port, tax legislation has remained partisan. The House passed tax legislation over a week ago which included the Economic stimulus plan as well as a provision for increased charitable giving in response to the September 11 attack.

The Senate Finance Committee plans to mark up this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week. The Democratic Chair- man Max Bucus (R-MT) has said that the Senate will pass this bill this week.