

CSL

Lecture

**College of Science and Letters
Dean's Distinguished Lecture 2005**

Thursday, November 10, 2005
12:30-1:30 lecture, reception to follow

presented by IIT alumna
Dr. Patricia Berg
Director of breast cancer lab for the
Dept. of Molecular Biology and
Biochemistry at George Washington
University Medical Center



Genetic Breakthroughs in Breast Cancer Research and Hopes for the Future

For more information
on the CSL Lecture,
contact Diana Martinez,
312-567-7014,
martinez@iit.edu

Visitor parking at
3200 S. State Street;
for campus map,
visit www.iit.edu

Dr. Patricia E. Berg is the discoverer of BP1, a gene activated in 80% of breast cancer tumors, a majority of acute myeloid leukemias, and showing similar activity in other cancers. Dr. Berg will describe current knowledge about genetic changes associated with breast cancer. Recent, exciting data show that BP1 is associated with the progression of normal cells to cancerous breast tumors. She will also discuss future objectives with work underway including developing a gene suppressor, a blood test for diagnosis and monitoring therapy, and confirming the impact of BP1 on other cancers. In addition, her data showed disproportionately high numbers of positives in the breast tumors of African American women, a finding which could be extremely helpful in finding solutions to racial disparities in breast cancer.


College of
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ILLINOIS INSTITUTE OF TECHNOLOGY

**MTCC Auditorium, Illinois Institute of Technology
3210 S. State Street, Chicago, Illinois**