

1014-Y3-731 **Lenore Blum*** (lblum@cs.cmu.edu), Wean 4105, Department of Computer Science, Pittsburgh, PA 15213-3891. *Increasing the Participation of Women in Computer Science.*

Since 1999, Carnegie Mellon has seen a substantial increase in the numbers of women entering and completing its undergraduate computer science (CS) program, defying the "shrinking pipeline" nationwide. Even more significant has been the transformation in the culture of computing at Carnegie Mellon.

We are now adapting key features that led to the success at the undergraduate level to recruit and retain women in our graduate CS program. I will discuss aspects of our program that seem universally applicable: outreach, developing rational admissions criteria, providing multiple entry routes into the program, and providing crucial professional and educational experience, taken for granted by the majority population, but often inaccessible to those in the minority. See: <http://women.cs.cmu.edu/> (Received September 23, 2005)