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Patricia R Wilkinson* (pbwilk@aol.com), 199 Chambers St., NY, NY 10007, and **Lawrence A Sher** (lawsher@yahoo.com), 199 Chambers St., NY, NY. *Pure and Applied Research for Two Year College Women.*

This presentation will show various mathematical and mathematically based business research projects by women student in a minority institution. Projects include the Dow-Jones' Index, a Silicon Alley equivalent, and a computer animation of the epsilon-delta definition of the limit of a function. The projects were supported by MAA-Tensor and NSF gender equity grants. We will discuss the planning involved in student research and presentations.

Program Features

- Working in collaborative groups on challenging real word problems.
- Using appropriate technology (computer algebra systems and graphing calculators).
- Animating equations, functions and families of functions, i.e. making computer movies.
- Creating portfolios of their best projects and animations.
- Doing research.
- Presenting at conferences using computer graphics and movies. (Received September 08, 2000)