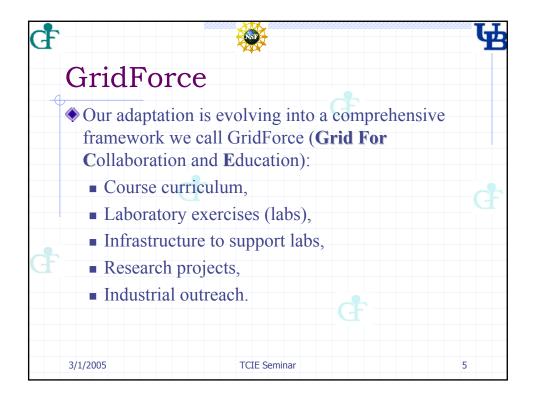
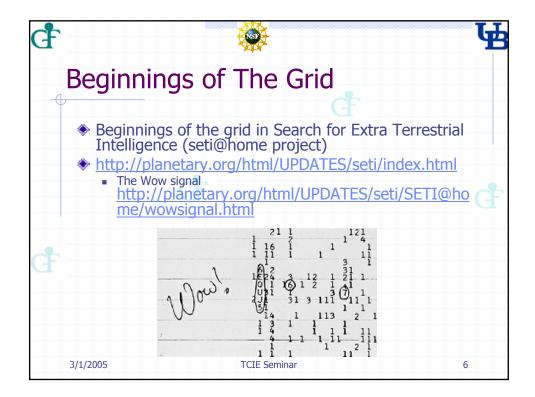
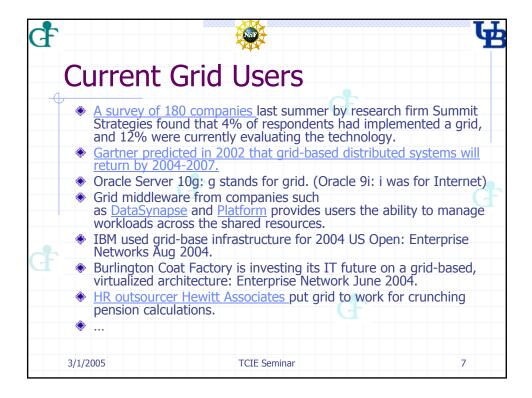
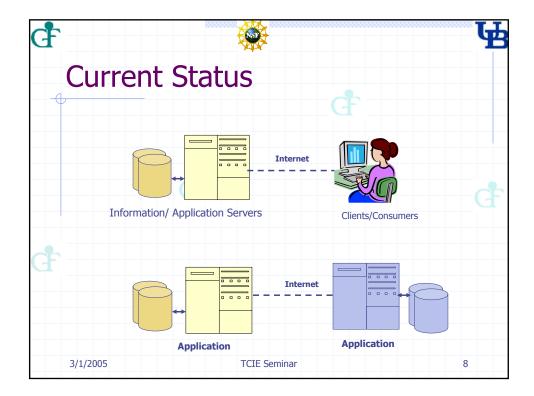


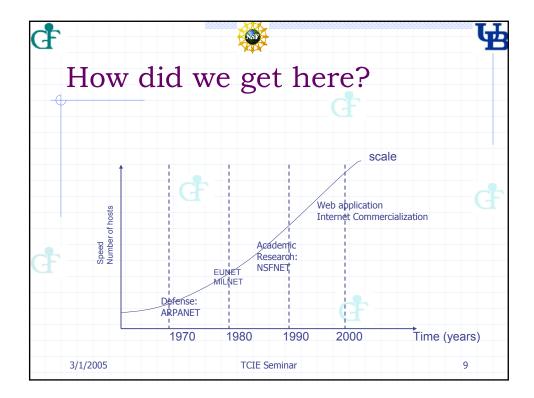
| đ       |   | A    |
|---------|---|------|
| Wł      | nat is a grid? (A formal definition)  |      |
| r       | Grid specifies a standard architecture, infrastructure, protocols and application program interface (API) for puilding an open enterprise system. |      |
|         | <ul> <li>t can provide</li> <li>Middleware supporting network of systems to facilitat sharing, standardization and openness.</li> </ul>           | -GF  |
|         | <ul> <li>Infrastructure and application model dealing with shar<br/>of compute cycles, data, storage and other resources.</li> </ul>              | ring |
| đ       | • A framework for high reliability, availability and security.  |      |
|         | <ul> <li>Interoperation of batch-oriented and service-based<br/>architectures.</li> </ul>   |      |
|         | <ul> <li>Standard service level feature definitions and higher le<br/>concepts for inter and intra-business collaboration.</li> </ul>             | evel |
| 3/1/200 | 05 TCIE Seminar   | 4    |

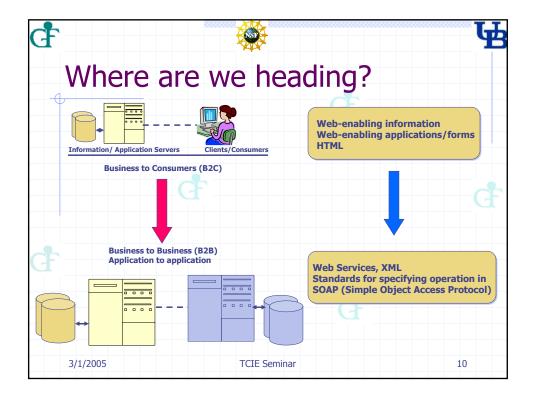


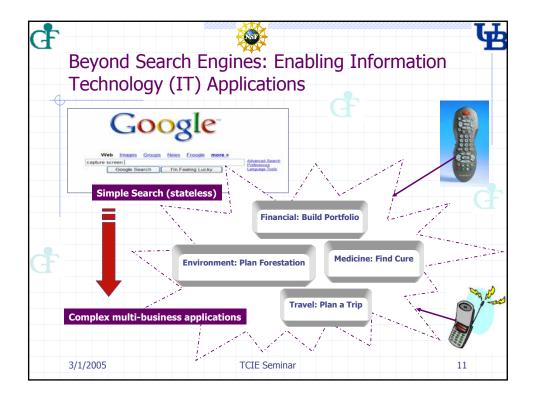


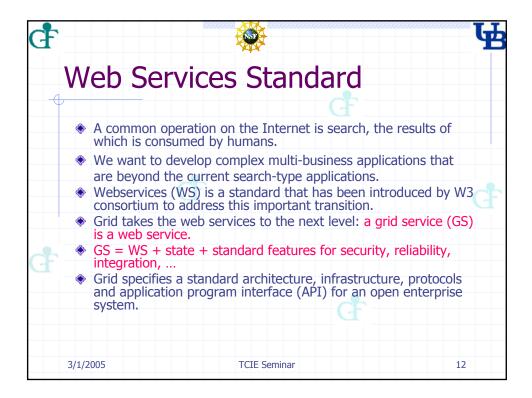


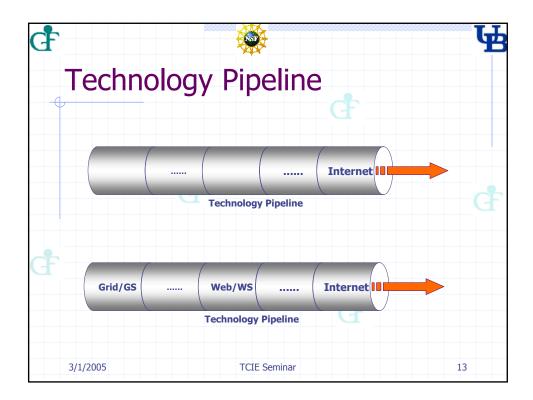


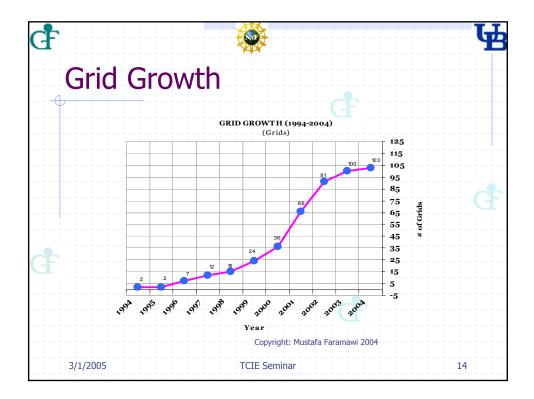


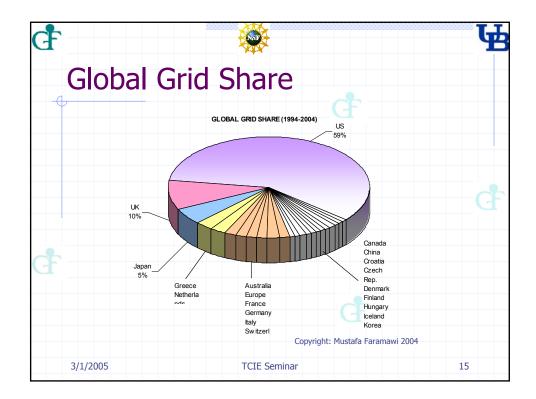


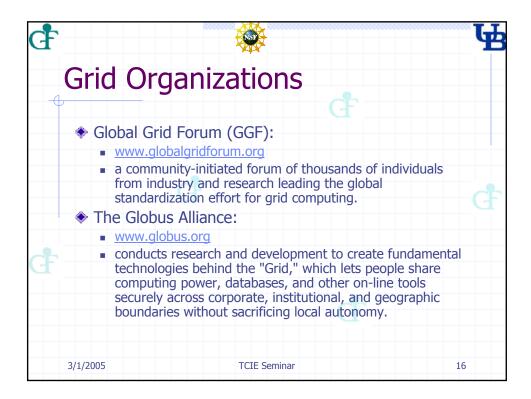


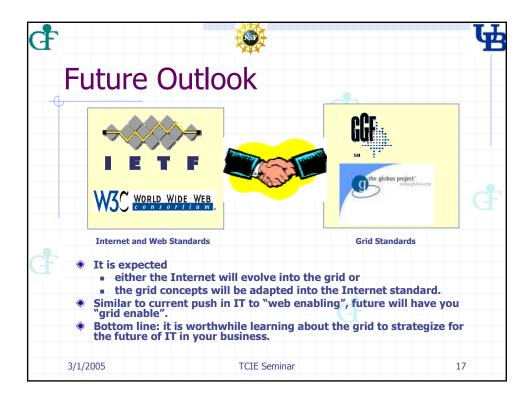


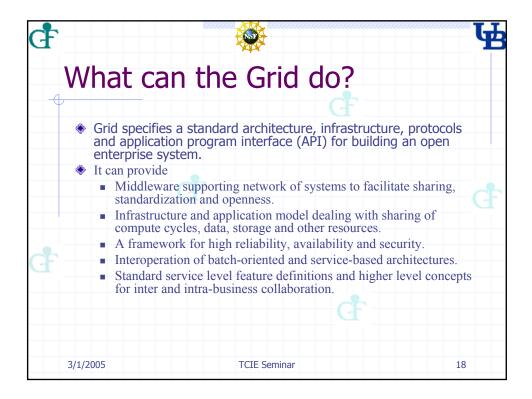












| Œ.     | Types of Grid   |   |   |   |  |  |
|--------|---|---|---|---|--|--|
| ¢<br>Č | <ul> <li>*</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ul> | <b>Batch-oriented</b><br>Compute-intensive jobs<br>processing using<br>sophisticated schedulin<br>and resource discovery<br>High performance<br>applications<br>High Throughput<br>applications<br><u>The Condor Project</u><br>Example: Condor<br>Our installation:<br>CSECCR grid | 5 1.<br>9 2.<br>·<br>3.<br>4.<br>5.<br>6. | Service-Oriented<br>View all the resources and<br>functions as services.<br>Build application models<br>around services.<br>Anatomy of the grid<br>Physiology of the grid<br>It is this genre of grid that<br>will move the grid<br>technology towards business<br>applications.<br>Example: Globus<br>Our installation:<br>CSELinux Grid |  |  |
|        | 3/1/2005  |   | TCIE Seminar                              | 19  |  |  |

