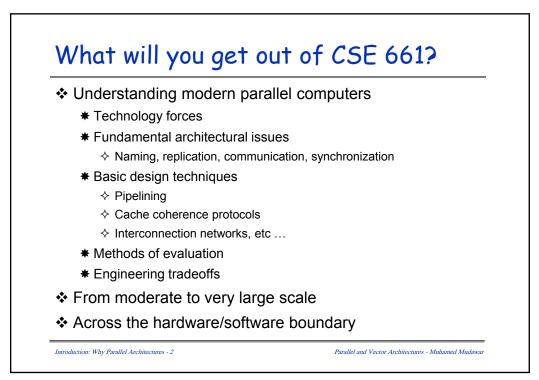
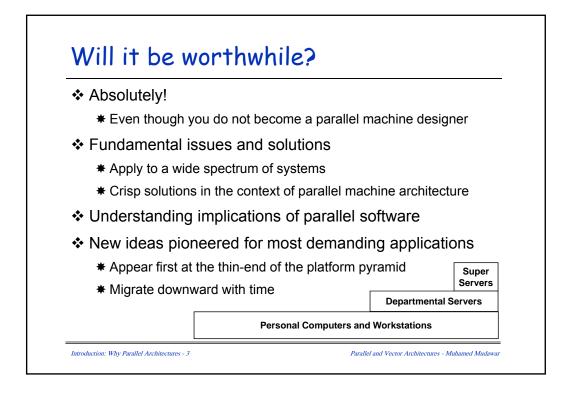
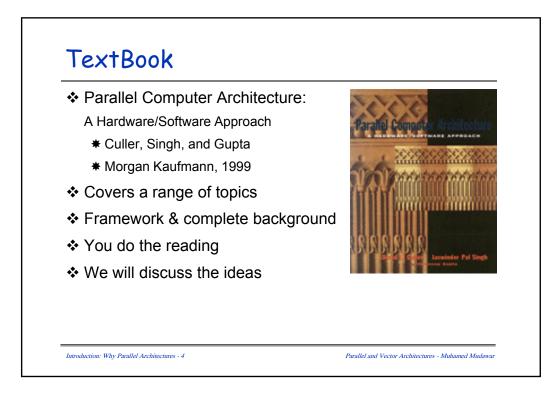
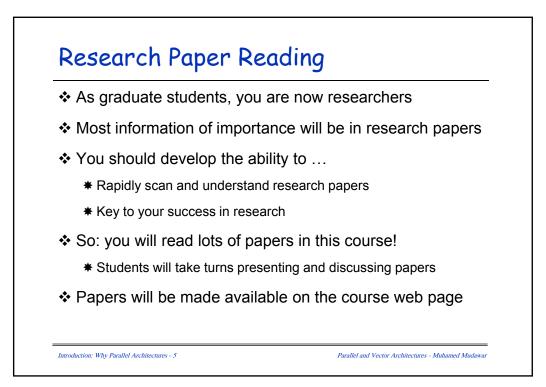
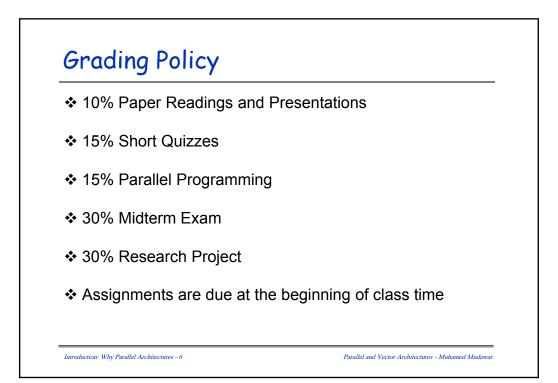
COE 502 / CSE 661 Parallel and Vector Architectures Prof. Muhamed Mudawar Computer Engineering Department King Fahd University of Petroleum and Minerals

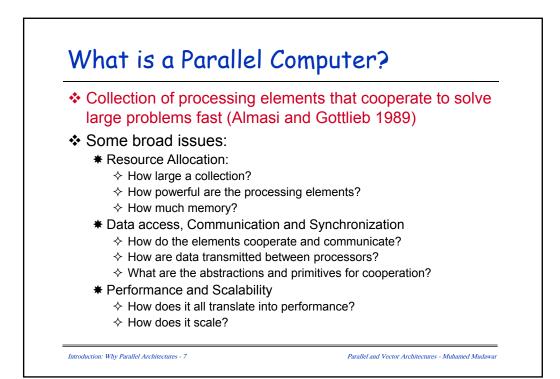


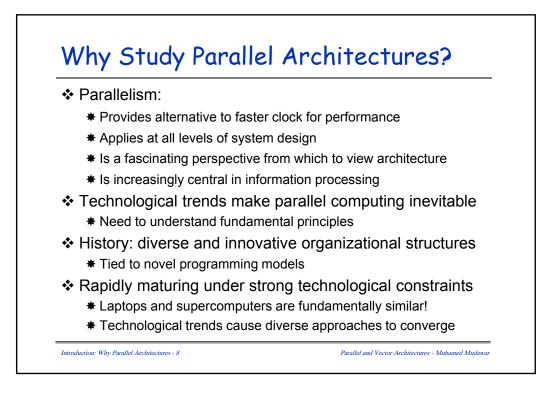


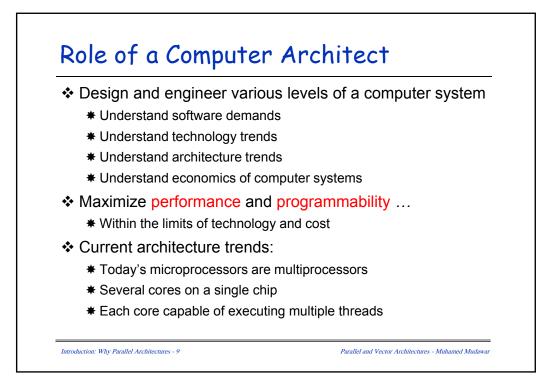


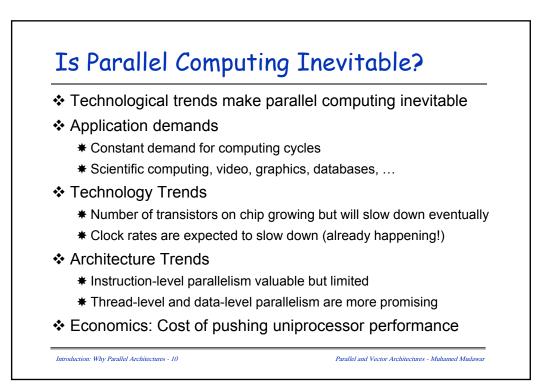


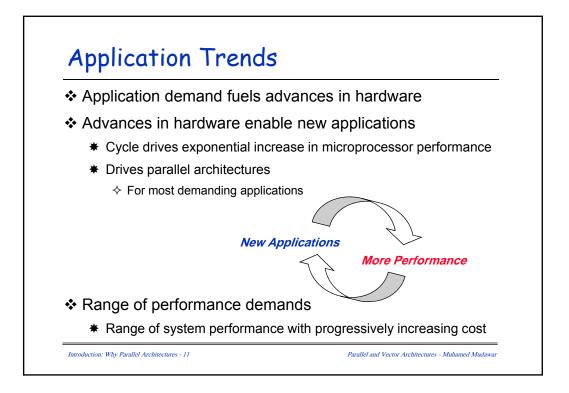


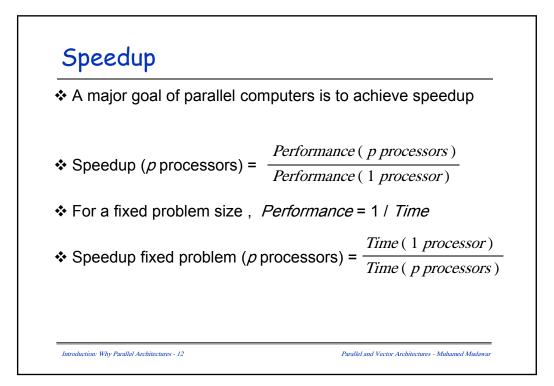


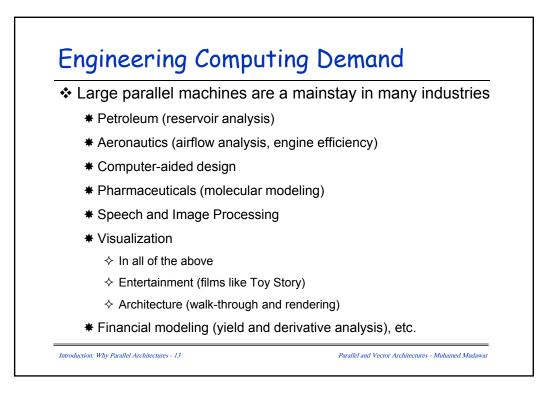


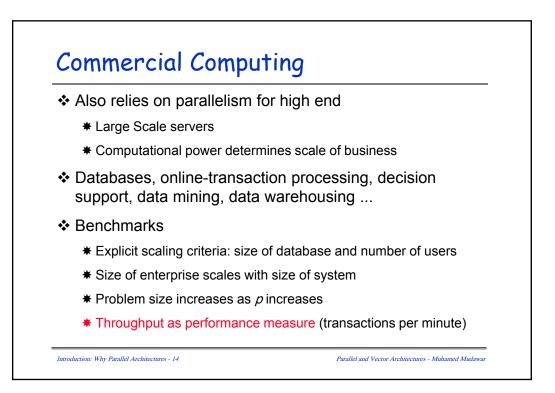


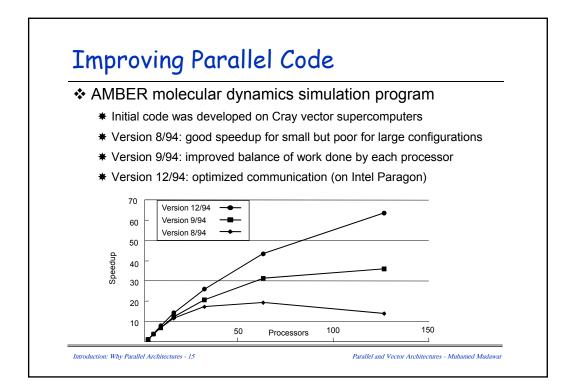


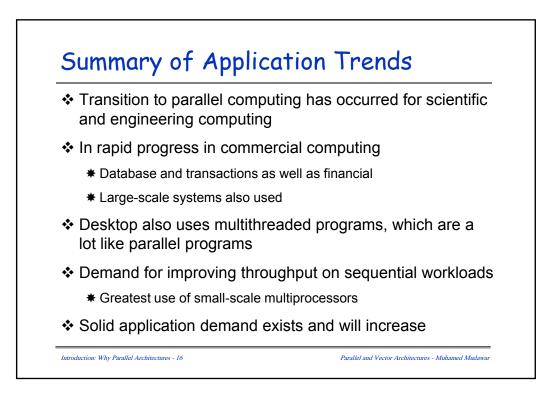


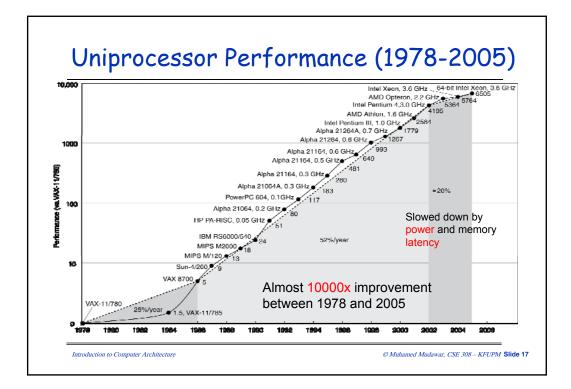


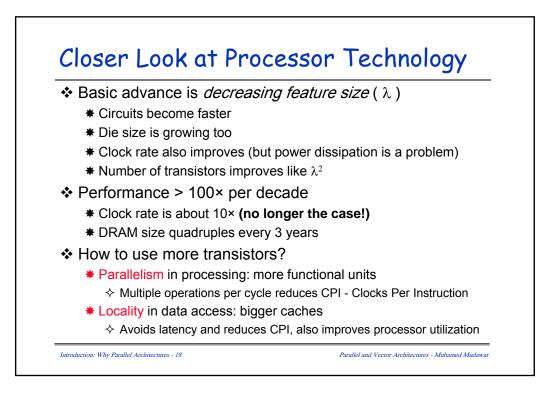


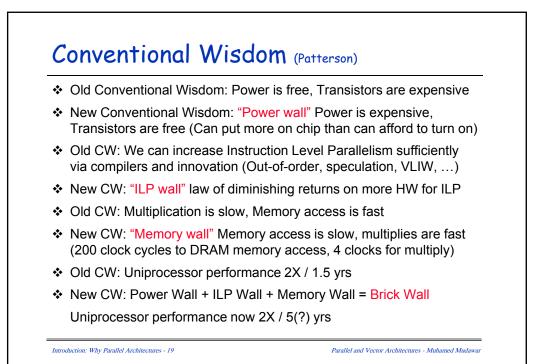


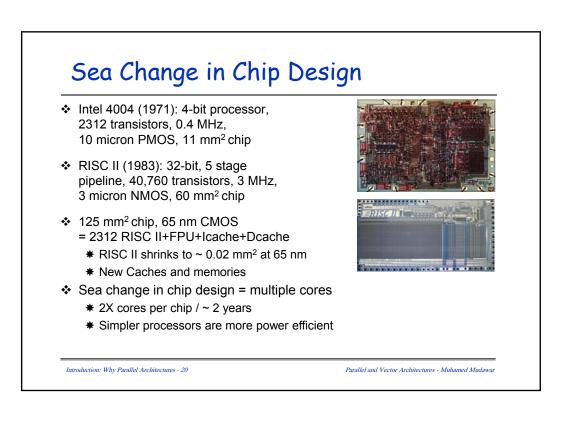


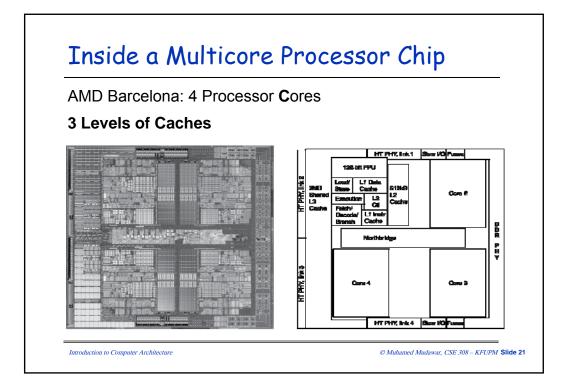


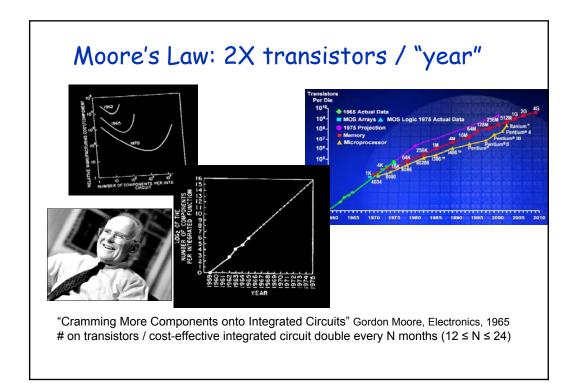


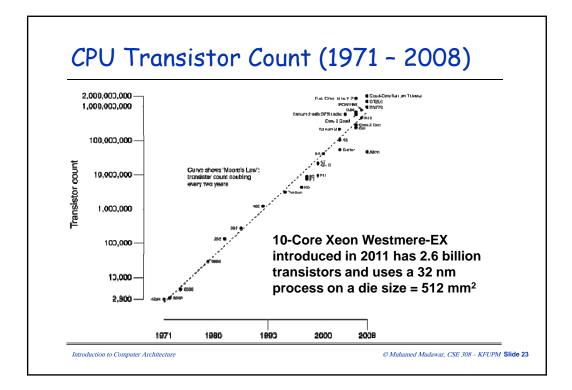


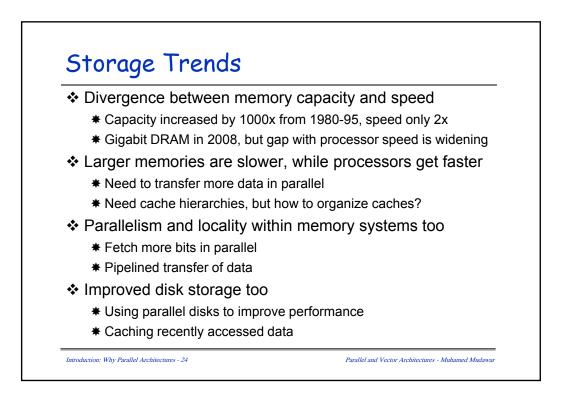


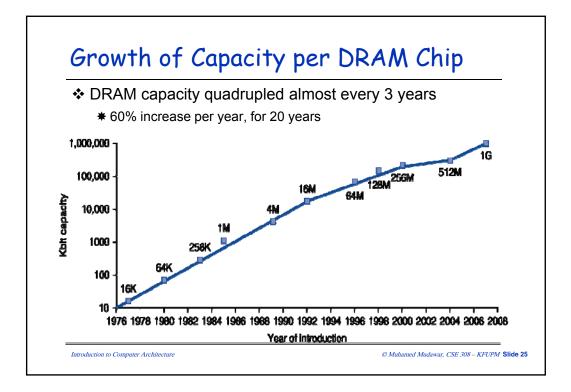












CDC Wren I, 1983	✤ Seagate 373453, 2003	
✤ 3600 RPM	✤ 15000 RPM	(4X)
0.03 GBytes capacity	✤ 73.4 GBytes	(2500X)
Tracks/Inch: 800	Tracks/Inch: 64000	(80X)
Bits/Inch: 9550	✤ Bits/Inch: 533,000	(60X)
Three 5.25" platters	Four 2.5" platters (in 3.5" form factor)	
Bandwidth:	✤ Bandwidth:	
0.6 MBytes/sec	86 MBytes/sec	(143X)
Latency: 48.3 ms	Latency: 5.7 ms	(8X)
Cache: none	Cache: 8 MBytes	

