

## Instructor

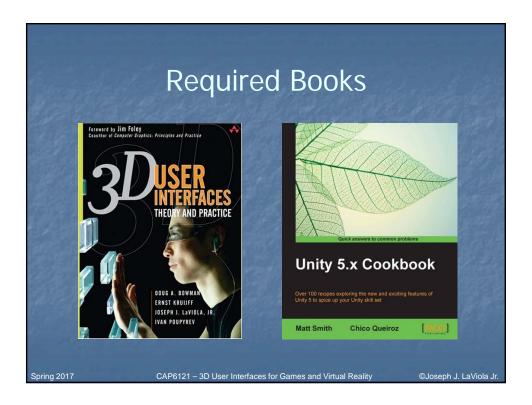
Professor – **Joseph J. LaViola Jr.** Email – jjl@eecs.ucf.edu Office Hours – Tues. 4:00pm – 5:30pm Wed. 6:00pm – 7:00pm Office is Harris 321

CAP6121 - 3D User Interfaces for Games and Virtual Reality

Website will have all required info www.eecs.ucf.edu/courses/cap6121/spr17

na 2017



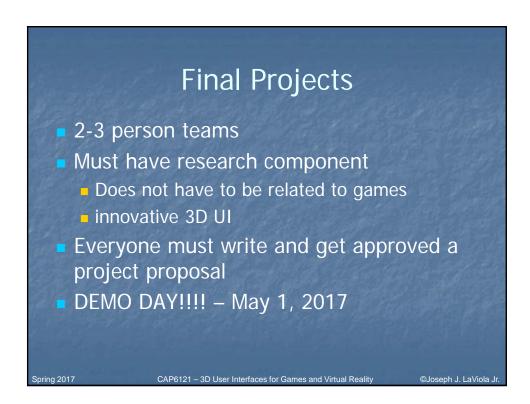


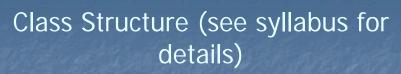
# Grading

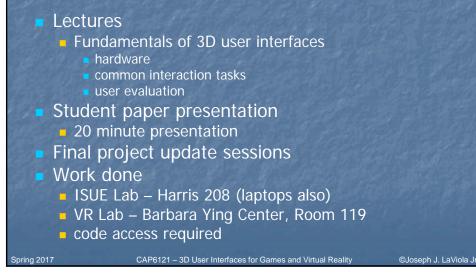
Assignment 1 (group)	15%
Assignment 2 (group)	15%
Survey Paper (individual)	15%
Paper presentation (individual)	5%
Final Project (group)	50%

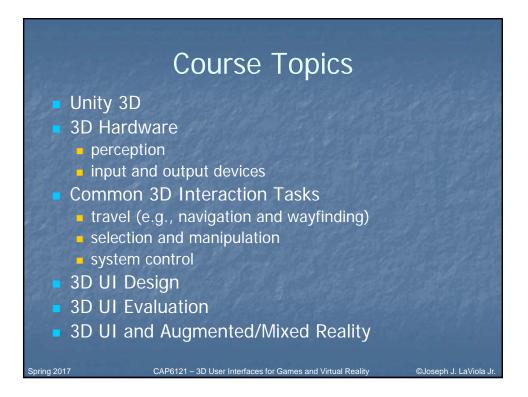
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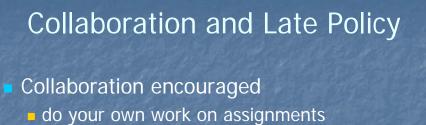
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- cheating = BAD!!!

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- All assignments must be handed in on time
  - Assignments by 11:59pm on due date

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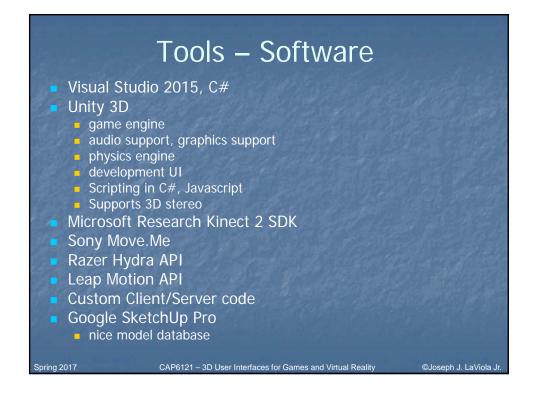


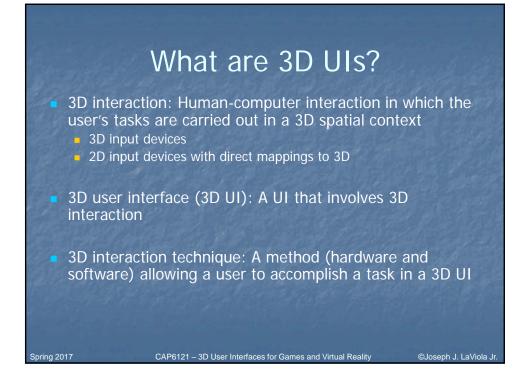


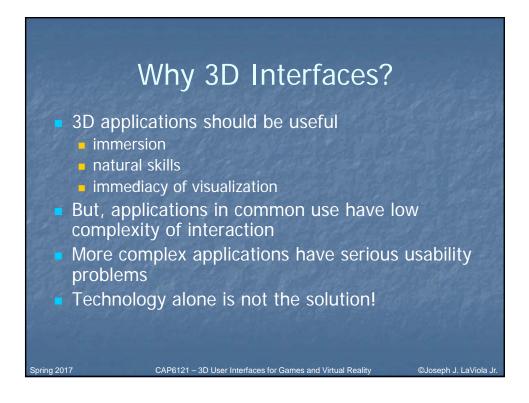


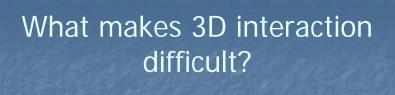
## Interactive Visualization Wall

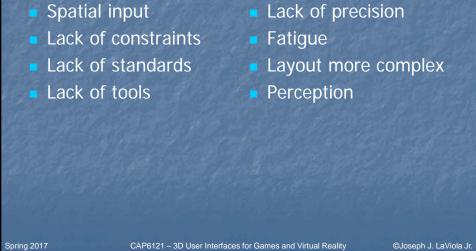




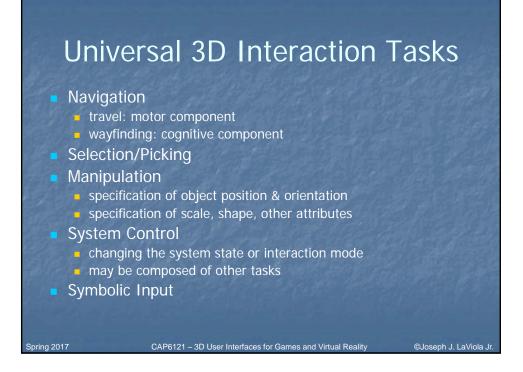


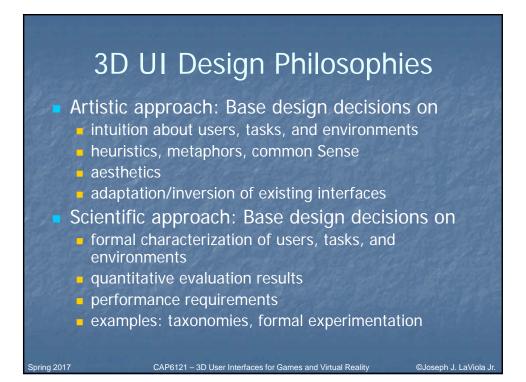


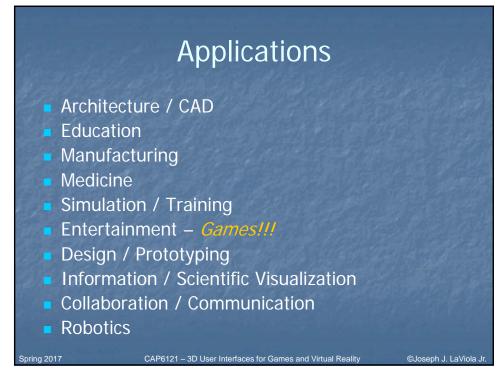


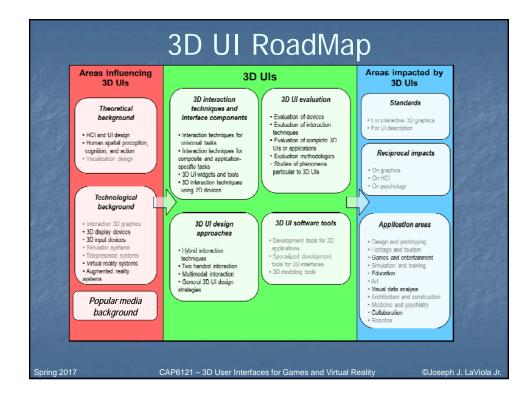












### **Next Class**

#### Games and 3DUIs

#### Readings

Bowman – Chapters 1 and 2

- Bowman, D., Chen, J., Wingrave, C., Lucas, J., Ray, A., Polys, N., Li, Q., Haciahmetoglu, Y., Kim, J., Kim, S., Boehringer, R., and Ni, T. "New Directions in 3D User Interfaces", *International Journal of Virtual Reality*, vol. 5, no. 2, 2006, pp. 3-14.
- LaViola, J. "Bringing VR and Spatial 3D Interaction to the Masses through Video Games", *IEEE Computer Graphics and Applications*, 28(5):10-15, September/October 2008.
- Doug A. Bowman, Sabine Coquillart, Bernd Froehlich, Michitaka Hirose, Yoshifumi Kitamura, Kiyoshi Kiyokawa, Wolfgang Stuerzlinger, "3D User Interfaces: New Directions and Perspectives," *IEEE Computer Graphics and Applications*, vol. 28, no. 6, pp. 20-36, Nov/Dec, 2008

Spring 2017

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