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SPIRE-EIT REU 2010
Summer Program for Interdisciplinary Research and Education
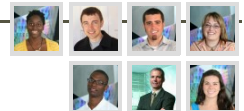### Emerging Interface Technologies

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Virtual Locomotion

Group Admins

Public Group   active 4 years, 5 months ago

The cognitive implications of semi-natural virtual locomotion
Faculty: James Oliver
Graduate Student: Eric Marsh
REU Interns: Jamal Brown, Rosza Brown, Marisa Putnam

We'll be interested in locomotion throughout an infinite virtual environment from within a constrained physical space. Solutions to this problem always involve somewhat unnatural techniques. In the cognitive psychology domain, there has been a few decades of research showing that cognitive resources can be divided into a few finite components. We will be investigating which of these cognitive components are required when attempting to locomote using semi-natural techniques. Additionally, we will be looking at the impact of a limited field-of-view on cognitive resource use during locomotion.

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WHAT'S NEW IN VIRTUAL LOCOMOTION, REU?

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Andrea Peer created the group Cognitive Implications of Semi-Natural Virtual Locomotion   4   Reply (3)   Favorite
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> > The purpose of the group is to provide a dedicated space for each research team to use however you need. The wiki option is your space to edit and modify however you need to in order to aid and support collaboration among the team members. For example…This would be the space where you can add the link to your Dropbox for the files you were saying you needed to share with your team.
> >
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> > >
> > > So does all of my generated content go in the wiki part or can i put stuff on the actual group page as well?

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