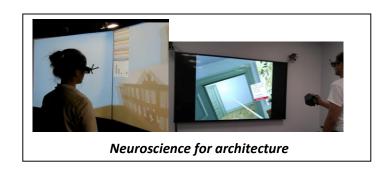**FUTURE BUILDING INFORMATICS AND VISUALIZATION LAB (Future biLAB):**
OPEN POSTDOC POSITION

We are looking for a Post Doctoral candidate for fully funded project between Fall 2015- Fall 2017. The post doc position is available at NYU Polytechnic School of Engineering, Department of Civil and Urban Engineering, Brooklyn.

Neuroscience for architecture

Neuroscience for Architecture

The impact of built environment on the human responsiveness and performance has long been argued; however, the interrelations between neuroscience and built environment, and the degree to which the built environment contributes to increased human performance and context awareness has not been completely understood yet. The goal of this project is to bring a structured understanding of architecture and neuroscience interactions in the built environment by (a) identifying the design features of static and responsive environments that correlate with human performance, (b) quantifying the impact of such design features on human emotional and physiological states and (c) specifying functional requirements of responsive environments. The project will involve generation and utilization of virtual environments in motion tracked visualization lab as well as body area sensor networks to gather human bodily states while they interact with facilities both in virtual and real environments.

Please contact **Prof Semiha Ergan** at NYU Polytechnic School of Engineering, Civil and Urban Engineering via email: **semiha@nyu.edu** for all inquiries. For the PostDoc position, candidates will be evaluated based on their fit to the projects. Backgrounds on areas related to Neuroscience are preferred.