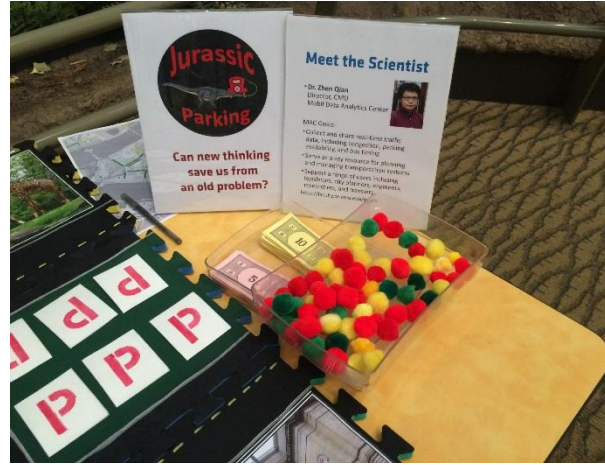


Matching Parking Supply to Travel Demand Towards Sustainability: Cyber Physical Social System for Sensing Driven Parking

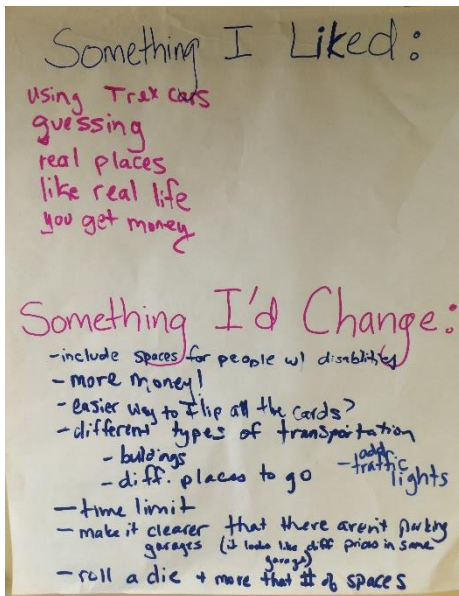
Broader Impacts – June 2017



Carnegie Museum of Natural History educators are designing simple models and games to illustrate the science and impact of Dr. Qian’s research on sensing driven parking.



Museum educators developed a hands-on activity called “Jurassic Parking,” that uses model money and colored spheres to represent carbon emissions. Players work through scenarios to show how data influences their choices.



User testing to refine the model took place in the museum. Visitors provide feedback on what elements they enjoy and what they would change.



High school intern Haley Tirio helps a museum visitor explore the activity. Haley is working at the museum on several activities that teach museum visitors about climate change.