PSC Fellowship at Kien Tuong

Xuefeng Chen
Basics

• Trike Attachment
• Kien Tuong Wheelchair Manufacturers
• Ho Chi Minh City, Vietnam
• August 5 - 31, 2008
• Worked with 2 students from UDE
Before Vietnam...

- Contact Kien Tuong
- MIT prototype: Trike Attachment with 3 vice grips
- Levi worked in Kenya
Goal: build prototypes and get user feedback
Prototype 1
Prototype 2

- Steering axis off of barrel
- Different latch
User testing, try 1

- Comparative testing
- Disabled KT workers
Prototype 3

- size adjustable
- no welding to wheelchair
- smaller turning radius
User Testing
Vietnam
What they gained

The final prototype and documentation, potentially sellable product

User testing
What I gained

- Understanding what it’s like in a new environment
- How to work with different people to get stuff done
- How they live