

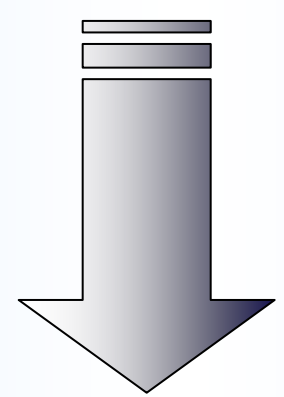
## Biometric Feasibility Study: Hand Geometry at the Recreational Sports Center

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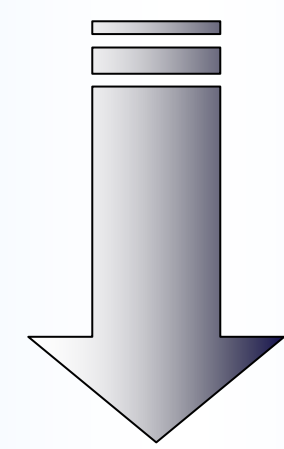
### Project Goals



Current Access Control System:  
Magnetic stripe  
ID card system



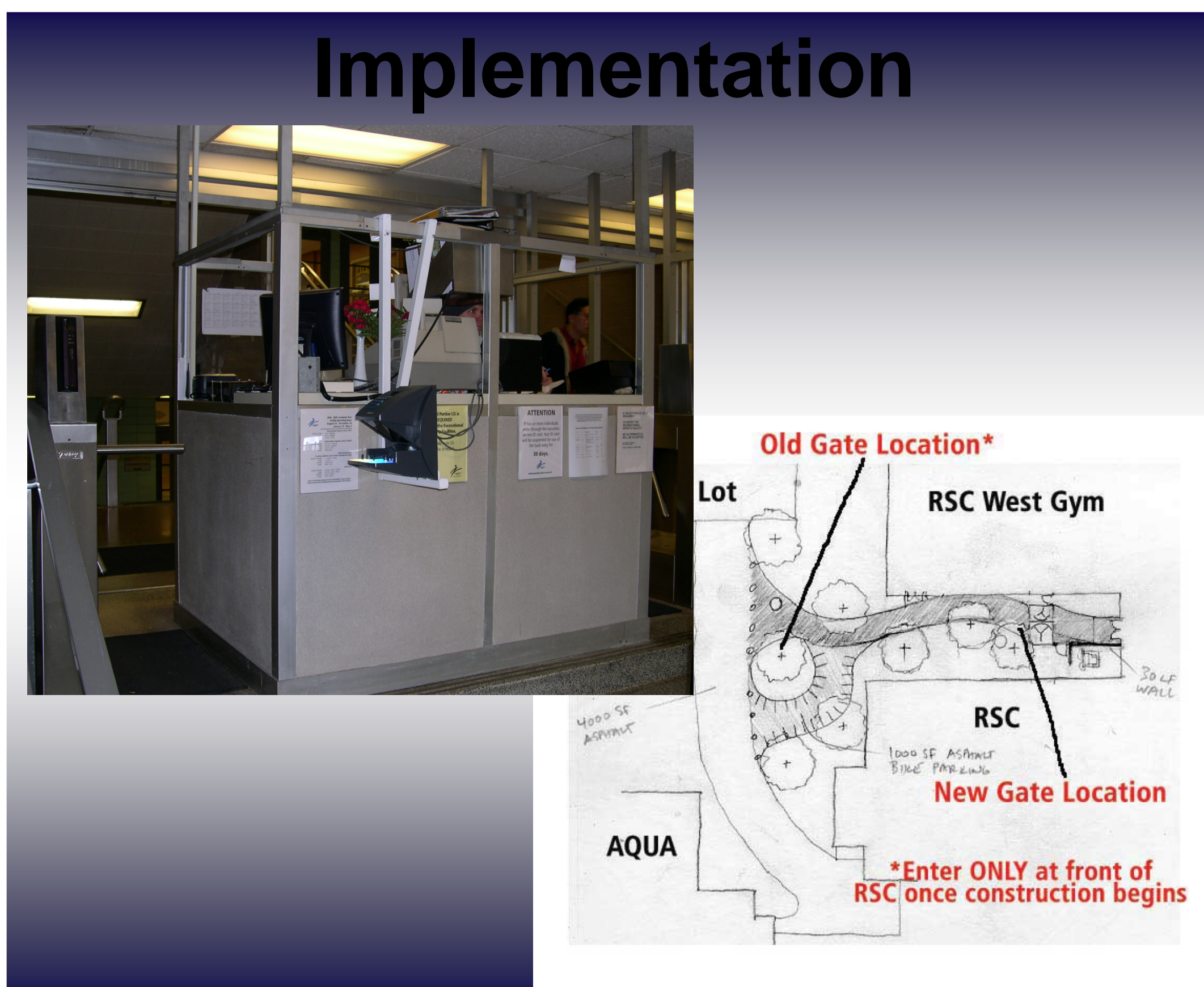
Test Access Control System:  
ID card system + Hand Geometry



Proposed Access Control System:  
Hand Geometry

### Deployment Issues

#### Implementation



#### User Interactions



#### User Perceptions

- Prior biometric usage
- Ease of use
- Invasiveness
- Biometric vs. ID access control systems
- Transaction time

#### System Performance

##### Performance Measures

- Failure to enroll rate
- Failure to acquire rate
- False match rate

Analyzing interclass relationships using demographic information including:

- Gender
- Ethnicity
- Handedness

### Engagement



For more information visit:

<http://www.biotown.purdue.edu/corec.html>