

WANTED

for Innovative Interdisciplinary Lab Experience:
A few good students from Electrical Engineering,
Mechanical Engineering, Biomedical Engineering, Kinesiology, Architecture, Performance Studies,
and Computer Science.

CPSC 489/689 Physical Interfaces

The development of physical interfaces that integrate computers with human environments. The acquisition and processing of physical signals for multimodal human computer interaction. The design of physical and social spaces that respond to human expression. The development of distributed sensor networks for responsive environments and wearable computers. Investigation of embodied cognition and interaction. The application of body-based performance practices and cultural theories. Development of mappings from physical sensations through sensory signals to visualization and sonification.

4 credits. T, Th 4 - 5:15 + lab W 4 - 6
Professor Andruid Kerne
<http://ecologylab.cs.tamu.edu>

