The slide features a decorative arrangement of six light purple circles. Three circles are positioned in the upper half, and three are in the lower half. The top-left circle is an outline, while the other five are solid. The text is centered over these circles.

Integrating Research Into Teaching, continued...

Wayne Lutters, Ph.D.

Additional strategies



- Guest lecture modules
 - “The travelling road show”
- Integration in outreach programs
 - Recruitment “buzz”
- Continuing education
 - Considering the broader community

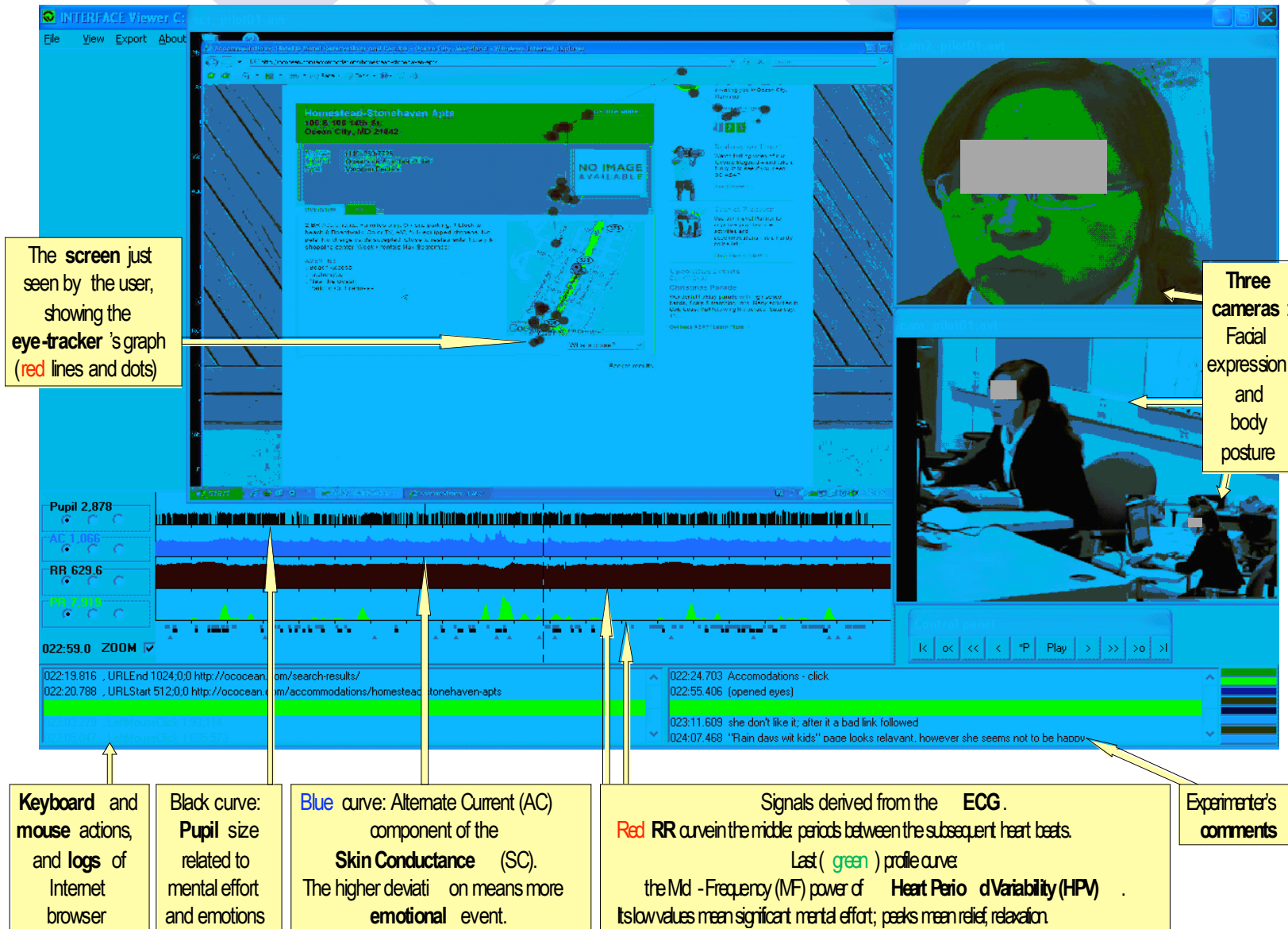
“Congratulations”



- Highly visible award
- Cutting-edge instrumentation
- Major addition to the scientific infrastructure of your institution

- Highly specialized equipment
- Requiring extensive training to operate
- Likely not accessible to a general audience

Example



UMBC
Interactive
Systems
Research
Center

MRI
0619379

Eye
Tracker

Image:
Komlodi &
Hercegfi'10



Guest lecture modules

- Lighter and more portable than a “teaching laboratory”
- A compact curricular unit engaging instrument-relevant research themes
- Short in-class activity
- “Hands on” guided experimentation
- Simulated interaction

Integration in outreach activities



- Interactive demonstrations and simulations
 - Recruiting events (e.g., lab tours, college visit days, orientation)
 - Outreach events (e.g., high school visits, community college transfer events)



Continuing education

- Supporting the local community
 - Government agencies
 - Small businesses
 - Startups
 - Citizen scientists
- Open house, workshop events
- Creative use of instrument “downtime”
- At cost rental and expert services

Your experiences...



- In your career development did you have any particularly memorable interactions with specialized scientific equipment?
- Brainstorming other creative means to integrate MRI-funded instrumentation into your teaching mission?
- Questions...