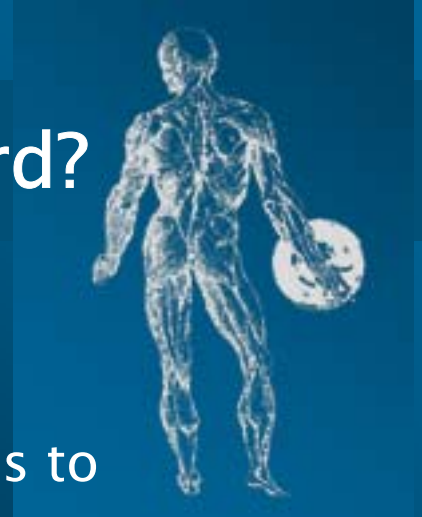


About the Student Software Award?



- **Purpose**

- Acknowledge medical student contributions to software development

- **Eligibility requirements**

- Medical student or Intern project that is submitted while still a student or intern. Software application must be freely available or available for purchase at a nominal price.

2003 Judging Committee

- 10 judges: included teaching faculty, librarians, multimedia developers at the University of Utah...



2003 Judging Committee



- Rick Ash, Prof. Neuroanatomy, Univ Utah
- Don Blumenthal, Prof. Pharmacology, Univ Utah
- Suzanne Stensaas, Prof. Neuroanatomy, Univ Utah
- Sharon Dennis, Librarian Multimedia Development, PI KW Project
- Paul Burrows, Producer, KUED Media Solutions, Univ Utah
- Jeanne LeBer, Librarian Education, Eccles Library, Univ Utah
- John Bramble, Librarian Outreach, Eccles Library, Univ Utah
- Derek Cowan, Multimedia Design, Video Engineer, Eccles Library, Univ Utah
- Valeri Craigle, Multimedia Designer, KW project Eccles Library, Univ Utah
- Susan Roberts, Multimedia Designer; KW Project, Eccles Library, Univ Utah

Judging Criteria –1

- Content
 - Purpose and usefulness to intended audience



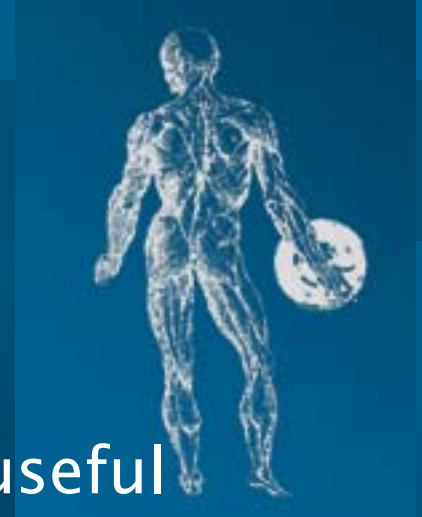
Judging Criteria –2

- User interface and navigation
 - Easy to use?



Judging Criteria –3

- Interactivity
 - Personalized user experience with useful feedback



Judging Criteria –4



- Graphic design
 - Is the application visually well-designed?
 - Easy to view?
 - KISS (Keep It Short and Simple) principle applied?

Judging Criteria –5

- Effective use of multimedia
 - Use of graphics, charts, diagrams, video, audio, etc. that add to the user experience



Judging Criteria –6

- Novelty
 - Fills a need not already met; solves a problem



Judging Criteria –7

- **Universality**
 - Allows for a range of learning styles; useful to a wide-audience; ADA compliance



Judging Criteria –8



- Evaluation
 - Has usefulness of application to intended audience been evaluated?

Judging Criteria –9

- Role of student in project
 - Significant student role in project



2003 Student Software Submissions



- 11 total submissions
- Formats:
 - Dynamic Web-based applications, CD ROM, DVD, PDA
- Categories:
 - Pediatrics, Neurology, Ophthalmology , General Medicine, Embryology, Anatomy, Surgery, Human Developmental Biology, Physiology, Internal Medicine, Cardiology

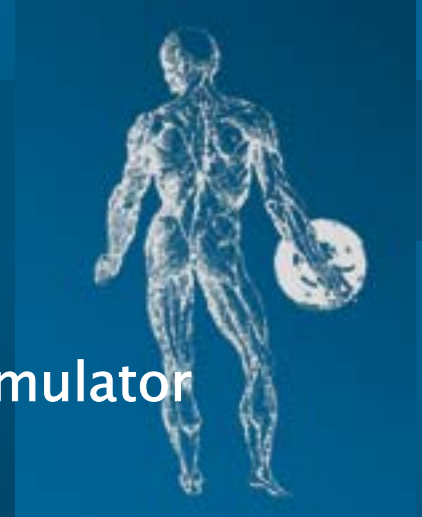
And the winners are . . .



■ 3 Winners

- “Mature” project: \$1000
 - Neurological Eye Simulator / Virtual Patient Simulator (Richard Lasslo)
- Current Student: \$500
 - Pediatric Board Game: A web-based board game to teach pediatrics (Jeremy Kendrick)
- PDA: \$500
 - Disease Activity Score (DAS) Rheumatology and Acute Clinical Medicine Reference Guide (Dorine Borensztajn)

“Mature” Project



- **Neurological Eye Simulator / Virtual Patient Simulator**
 - Richard Lasslo
 - University of California Davis Medical School
 - Web-based application
 - This application simulates eye motion and demonstrates the effects of disabling one or more of the 12 eye muscles and one or more of the 6 cranial nerves that control eye motion. The latest eye simulator includes animated demonstrations of neurological eye testing with voice narrative, expanded quizzes, and a case based interface for simulating virtual patients with eye pathologies.
 - [DEMO](#)

Current Student



- **Pediatric Board Game: A web-based board game to teach pediatrics**
 - Jeremy Kendrick
 - University of Utah and West Virginia University
 - Dynamic website
 - A software tool has been created to simulate a board game such as “chutes-and-ladders”.
 - [DEMO](#) by his faculty sponsor Chris Maloney

PDA



- **Disease Activity Score (DAS) Rheumatology and Acute Clinical Medicine Reference Guide**
 - Dorine Borensztajn
 - University of Nijmegen, University of Nijmegen
 - Application for: Palm, Pocket PC, Psion, Web, Standalone
 - DAS : with this application you can calculate and monitor the disease activity of patients with a rheumatic disease.
 - ACMRG: Contains guidelines for nearly 100 clinical situations
 - [Download software](#)
 - DEMO

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Thank you!

