

W | C Presents...

JUST BE

An Interactive Experience

W | C Who are we?



W | C Who are we?



W | C Who are we?



The collage consists of three distinct images. The top-left image shows two children sitting in a small, round, blue boat on a grassy area. The top-right image shows a woman with long hair, wearing a light blue shirt and dark pants, standing in a classroom and pointing at a chalkboard. The bottom image shows two people walking across a tightrope high above the ground, with a large tree visible in the background.


W | C

What do you think people in computing related areas are like?

W | C

What can you do with computing?

W | C Virtual Reality: Cave



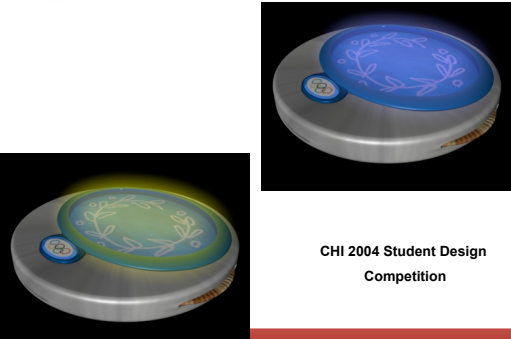
Dr. Margaret Dolinsky @ Indiana University

W | C Game Design



Steven Cornett Indiana University

W | C Interface Design



CHI 2004 Student Design Competition

W | C Sudoku 2x2

	1		
4		1	2
1	2		3
		2	

Will Shortz, IU Grad

W | C Sudoku 2x2

2	1	3	4
4	3	1	2
1	2	4	3
3	4	2	1

Will Shortz, IU Grad

W | C Lilly Arbor Project



Dr. Yvonne Rogers Indiana University

W|C What can we do now?

- Multimedia Club
- Web Club
- Computing Club
- Art Club
- Lego challenges

Talk to teachers & counselors

W|C Contact Info

- Sriram - srmohan@indiana.edu
- Larisse - lvoufo@indiana.edu
- Tonya - tstroman@indiana.edu

<http://www.cs.indiana.edu/wic>

Special thanks to...

NSF ACI-0219884

W|C Picking Apples and Oranges

Orang e Apple Apples & Orange

There are three boxes. One is labeled "APPLES" another is labeled "ORANGES". The last one is labeled "APPLES AND ORANGES". You know that each is labeled incorrectly. You may ask me to pick one fruit from one box which you choose.

How can you label the boxes correctly?

Raymond Smullyan, IU Professor

W|C Picking Apples and Oranges

Apple Apples & Orange Orange

Raymond Smullyan, IU Professor

W|C Picking the right Sock

3

Cathy has six pairs of black socks and six pairs of white socks in her drawer.
In complete darkness, and without looking, how many socks must she take from the drawer in order to be sure to get a pair that match?

Raymond Smullyan, IU Professor

W|C Why do we need diversity in computing?

- Program design is improved when designers better understand users.
- Having designers from a diversity of gender and ethnic backgrounds will improve designs.

DESIGN: MARCUS, A (1993) Human-communication issues in advanced UIs. Communications of the ACM, 36:1-106.
USER STUDY: TANNIR, B., LAURENTH, J., SHANMUGARAJU, D., HANSEN, K., and STONE, D. (1994) Cultural diversity in user interface design. SIGCHI Bulletin, 26(1), 38-40.
Is Diversity in Computing a Moral Matter? In Insights, by Deborah C. Johnson & Keith W. Miller

W|C

Pondering iPod Prices

An iPod Shuffle package (Shuffle + headphones) costs \$100. The Shuffle is worth \$90 more than the headphones.

How much are the headphones worth?

$$x = \text{cost of headphones}$$

$$90 + x = \text{cost of iPod}$$

$$(90 + x) + x = 100$$

Raymond Smullyan, IU Professor

W|C

Pondering iPod Prices

An iPod Shuffle package (Shuffle + headphones) costs \$100. The Shuffle is worth \$90 more than the headphones.

How much are the headphones worth?

$$\$5.00$$

$$\$95.00 + \$5.00 = \$100.00$$

Raymond Smullyan, IU Professor
