#include_<girls>_

Computer Science

"Computer science is a discipline that involves the understanding and design of computers and computational processes. In its most general form it is concerned with the understanding of information transfer and transformation." [1]
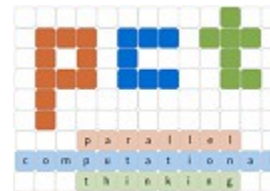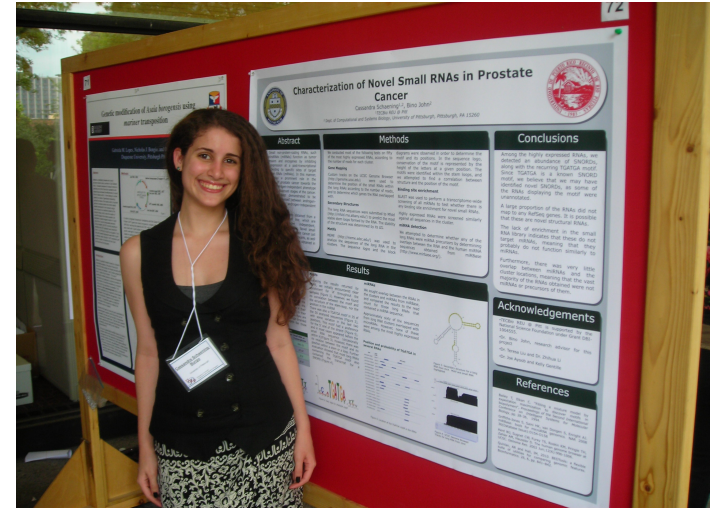
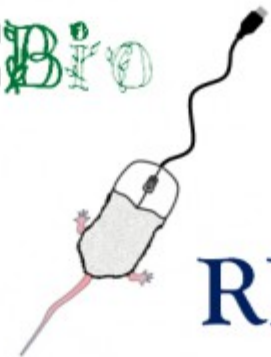At its core: abstraction and problem solving

[1] http://www.cs.mtu.edu/~john/whatiscs.html

About me

College: University of Puerto Rico, Rio Piedras
High School: Colegio Marista, Guaynabo

Computer Science

Fields

- Algorithms

- Theory of Computation

- Computer Architecture

- Artificial Intelligence

- Many others!

- Networks

- Programming Language Theory

- Databases

- Computational Sciences

Computer Science

"Computer science is no more about computers than astronomy is about telescopes."

--Edsger W. Dijkstra

Computer Science @ UPR-RP

10 faculty

~100 students

Small, but an active and encouraging community

Computer Science @ UPR-RP

#**include**<*girls*>

Student organization at UPR-RP for promoting interest in computing among women students.

#**include**<*girls*>

Origins

- Very few women in the CS department

- Started by 4 students to address the issue

- Participated and spoke at activities in the department and the school

  - Open houses

  - High-school visits

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Goals

- Create a supportive environment for women in computing at UPR-RP

- Carry out activities that introduce people to computer science

- Highlight the achievements of women in computing

Lessons

- The support from your community is a powerful thing.

- Create the opportunities that are missing

- Do what you can with what you have