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http://www.phdcomics.com/comics/archive/phd0209.gif

Introduction

CPS 701: Introduction to Graduate Study

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DUKE
COMPUTER SCIENCE

Course Format

- Website: http://www.cs.duke.edu/courses/fall12/compsci701s/
- Class meetings: Wednesdays 4:40–5:55 pm, LSRC 344
- C/NC grading: class participation + completion of (ungraded) assignments
  - No exams
- Talks in the department: check event calendar (http://www.cs.duke.edu/events/)
  - Local TCSDLS: "must" attend
  - Telecast TCSDLS and dept. colloquia: "should" attend
- Watch for email announcements to cps701 alias

Goal & Content

- To help you get started (especially on research)
  - Faculty are here to inform and advise
  - But you must learn by doing!
- Advice on graduate life and research
  - Navigating through requirements
  - Finding/keeping advisors
  - Reading/reviewing/writing papers, giving talks
  - Attending conferences
  - Weathering highs and lows of grad student life
- I am open to your suggestions on what to cover

http://familyplayandlearn.com/DSCF1927.jpg

Team building & discussion (20 min.)

- Get to know your team
- Why did you choose to go to CS grad school?
  - List the top 5 reasons
  - Are there right/wrong reasons?
- Come up with a good name for your team!
- Elect a member to summarize your team's discussion (3–5 minutes)

© Original Artist
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cordell

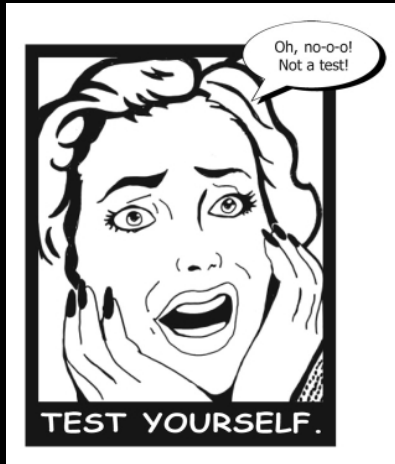"Frankly, I'm not sure this whole idea-sharing thing is working."

Team assignment

- Team Game Changers
  - Abhishek Dubey, Mayuresh Kunjir, Ilker Bozkurt, Ioannis Kotsogiannis
- Team Firefoxes
  - Yuzhang Han, Ben Stoddard, SeyedMajid Zahedi, Xi He
- Team DDS
  - Tianqi Song, Hieu Bui, Yifei Ding, Bharath Chelepalli
- Team Team X
  - Branka Lakic, Jiangwei Pan, Animesh Srivastava, Garrett Andersen
- Team Avengers
  - Austin Alexander, Reem Mokhtar, Ergys Ristani, Ali Razeen

A few points to keep in mind

- Research, research, research!
  - You already know how to excel in courses anyway
    - Try to go out of your comfort zone!
  - Courses are just a means to an end
- Dive in early
  - Seek out faculty and senior students
  - Attend research group meetings
  - Plan your first courses based on research instead of requirements
  - Talk to your mentor(s)
  - Prelim MUST be completed by year 3

http://www.allaboutbirds.org/NetCommunity/bbimages/aab/images/takephotos/full/diving_pelican.jpg

Jeopardy! in two weeks (Sep. 19)

- PhD RIP: Team Game Changers
- PhD prelim & dissertation: Team Firefoxes
- PhD quals: Team DDS
- PhD course/teaching requirements: Team X
- General requirements: Team Avengers
  - Including annual Grad Student Review
  - Grad school and university rules:

References:
- http://www.cs.duke.edu/education/assets_documents/grad-req.pdf
- http://www.cs.duke.edu/education/graduate/requirements

http://appraisalnewsonline.typepad.com/photos/uncategorized/2008/01/14/

Homework (due by next class)

- Record a .WAV of you speaking your name (the way you want others to pronounce it) and email it to Kamesh

- Read On Being a Scientist (http://www.nap.edu/catalog.php?record_id=12192)

- Teamwork: study the requirements, and come up with 5 Jeopardy! questions for each of your assigned categories