How to be a good graduate student

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Being a CS Graduate Student is about

- -Learning to do research
- -Doing it
- -Learning to communicate the results of your research
- -Doing it

Why do we do CS research?

-Intellectual: to advance science or technology

-Passion: You are driven to it

(your way to be creative)

-Ego: I must be really smart -Social: To advance social goals

-Strategic: On the path to reach a goal

-Economic: High paying jobs

-Boredom: For fun

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The 1/3 - 1/3 -1/3 rule:		
 - 33% preparation - 33% actually doing the research - 33% Communicating (writing paper, oral presentation) 		
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The 1/3 - 1/3 -1/3 rule:		
- 33% preparation - 33% actually doing the research		
- 33% Communicating (writing paper, oral presentation) Too often, it is replaced with the "GS rule":		
10% - 90% - 0%		

What is research?

Your research is:- Your papers

- Your software
- Any tools that you publish

It is not:

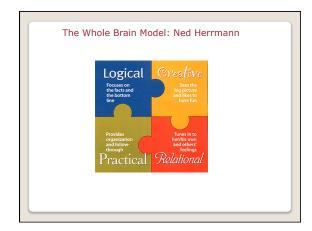
- Your ideas
- Your proposals
- The notes in your lab book Your skills
- Whom you know....

What is good research?

- Ground breaking work (opens us a new line of research, that people follow) : Best situation!
- Good incremental work (most frequent for graduate students?)
- Useful work
- Aesthetically pleasing work
- Starts from, and leads to good questions
- Timely

Avoid "me-too" Research!

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What it takes to do good research First Libe Formation Formation

What it takes to do good research

- 1.Time
 - 2. More Time
 - 3. More Time!
- 4. Writing skills!

Sloppy writing is sloppy thinking!