



# Reasons for Regulation

CYBR 4400 / 5400: Principles of Internet Policy, Lecture 1-2

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# Today's Lecture

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- ❖ Project Ideas assignment posted (due Wed, 1 / 22)
- ❖ Reading Reviews, Unit 1 Roadmap and Projects
- ❖ Lecture: Reasons for Regulation



# Reading Reviews

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1. Perform a critique of research paper, policy brief, or government report
2. What are the strengths and weaknesses of the work?
  - ❖ Well stated policy objectives?
  - ❖ Clear statement of current policies, or useful literature review?
  - ❖ Reasonable, well-documented methodology?
  - ❖ Policy recommendations or results clearly supported and explained?
3. Summary statement of your critique - recommendations or areas of improvement



# How to Read Academic Papers

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- ❖ Rapidly evaluating the quality of research is a skill
- ❖ Reading academic articles is not a straight line
- ❖ First Pass
  - ❖ Read title — Scope and focus of research
  - ❖ Read abstract— Should define research question, approach, and results
  - ❖ Read introduction — Should describe paper outline
  - ❖ Read conclusion — locate key findings of interest to you
- ❖ Second Pass (1-2 hr) — more careful reading, but can ignore some details

Source: S. Keshav, "How to Read a Paper," ACM SIGCOMM Computer Communication Review archive, V. 37 Issue 3, July 2007, pp. 83-84



# Unit 1 Roadmap — Goals

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- ❖ Know the course objectives and course design to establish student engagement and preparation
- ❖ Understand instructor's expectations of students for successful course completion
- ❖ Understand terms and concepts of “interdisciplinary policy framework”, “problems best solved by regulation” and “market failures justifying regulation”
- ❖ Understand approach or process of applying the interdisciplinary policy framework to develop and analyze policy positions



# Unit 1 Roadmap — Learning Outcomes

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- ❖ Recognize at all times the mutual obligation of instructor and students to be respectful of others, prepared for class sessions, and professional in conduct
- ❖ Learn answers to the following questions:
  - ❖ Why should we care about Internet and telecom policy?
  - ❖ What are the reasons for regulation in the Internet and telecom sectors?
  - ❖ What are the steps to apply the interdisciplinary telecom framework to recommend new or revised policies or regulations?
  - ❖ Should there be any difference in how the Internet is regulated compared to traditional telecommunications regulatory models?



# Barlow's Declaration of Independence of Cyberspace



- ❖ What was your first reaction to this Declaration?
- ❖ What is the implication of:
  - ❖ “Cyberspace does not lie within your borders. Do not think that you can build it, as though it were a public construction project.”
  - ❖ “Your legal concepts of property, expression, identity, movement, and context do not apply to us. They are all based on matter, and there is no matter here.”



# Barlow's Declaration of Independence of Cyberspace



- ❖ What are the implications of:
  - ❖ "...you are trying to ward off the virus of liberty by erecting guard posts at the frontiers of Cyberspace. These may keep out the contagion for a small time, but they will not work in a world that will soon be blanketed in bit-bearing media."
  - ❖ "Your increasingly obsolete information industries would perpetuate themselves by proposing laws that claim to own speech itself."
- ❖ Have governments solicited "consent of the governed" to regulate the Internet?





# Silicon Valley's Attempt to Self Police

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- ❖ What did technocrats believe about the political system?
- ❖ Explain how “Digital Wellbeing” in Android and “Screen Time” in iOS support the technocratic approach?
- ❖ Is the author identifying reasons for regulating application platforms that may be addictive to some users?
  - ❖ Clear articulation of the problem?
  - ❖ Adequate description of current laws, and changes that should be made?



# Course Policy on Laptops

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*Research findings: Laptops do not enhance classroom learning*

- Students spent 40% of classroom time on non-academic sites
  - Scored lower on exams visiting social media / online video
- Less than 5% of time for academic purposes
- Also spent additional 27% of time on smartphones texting (**87 out of 100 minutes!!!**)
- Takeaway: Taking notes by hand more effective than laptop!



# Reaction to History of the Internet Video

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- ❖ Influence and role of “Internet Pioneers”
- ❖ Reactions to history of development?
- ❖ Is it useful to understand this history?
  - ❖ No guarantees / security — not important enough to regulate