

IS10 Information & Power

UCLA Fall 2016

9/27/16



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Diana L. Ascher

Agenda

- Introductions
- Syllabus review
- Expectations
- Survey results
- Timeline project discussion
- Presentation and discussion



Syllabus

It is the mark of an educated mind to be able to entertain a thought without accepting it.

~ Aristotle



Syllabus review

- Read, explore, watch, submit
- Assignments
- Class schedule



Expectations

- UCLA Code of Ethics
- Office hours
- Writing
- Participation
- Group work



Conduct

IS10 Information & Power
Fall 2016

Instructor: Diana Ascher

My signature indicates my acknowledgement of and
commitment to the UCLA Student Code of Conduct.

Signature

Date

Printed Full Name

UID



Timeline Project

- Top 10 information-related events for your domain
- Submit by Friday, December 2
- Present Tuesday, December 6



Real quick

- Meet your group
- Partner with a group member
- 5 minutes to brainstorm a 1-word description of “information”
- 5 minutes to interview your partner
- Reconvene
- Introduce your classmate—with 1 word



Groups

Group 1	Group 2	Group 3	Group 4	Group 5
ARUTIUNOV, ARTIOM SERGEEVICH	BRONSTEIN, MAXWELL BENJAMIN	HAZELL, LOUISE	NGUYEN, THEODORE HUNG	BAUM, JAXON THOMAS
BUI, YVONNE TRAN	DOWNARD, TYLER JAMES	MANSFIELD, PARKER LEE	NIEHAUS, MADELINE RUTH	CHRISTIE, JONATHAN LUKE
HEACOCK, MARIN FAITH	FONG, HANNAH LI YING	MURPHY, CAITLIN MEGUMI	OSBORN, ALEXANDRA LEE	FLOREZ, JAMES GREGORY
JABBARI, PARSA	KO, YOUNG EUN	PHAN, JEREMY NHAT KHANH	ROKNI, NEIKI MARYAM	PETERSON, NICHOLAS JOSEPH
KIM, CHRISTY JIWON	KUHLMAN, BRENDAN HALE	RAJPAL, SIMRAN	RUSTIA, SAMANTHA INGRID	SAZZAD, TASNIM
KUMAR, SURYA	LOMARDA, RICO BATHAN	REN, XIAOJING	SANCHEZ PEREZ, JUAN RAMON	SUH, JK (JOONKYO)
MUNO, SUSANNAH MARIE	MANOUKIAN, ARAM	RIOJA MANRIQUE, ALEJANDRO (MARCELO)	SHIRATORI, TATSUKI	VAUGHAN, JAMES BRADLEY
TONG, LECHENG	SHABANAVA, KRYSTSINA	WANG, RYAN NICHOLAS	SWEENEY, SARAH KATHRINE	WANG, STEPHANIE YAN YI
WANG, SHUDAN	YAO, YUTONG			



Reconvene in 10 minutes

- Introductions begin at 5:55



What is information?



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What is information?

- Wikipedia
 - Information (shortened as info) is that which informs. In other words, it is the answer to a question of some kind. It is also related to data and knowledge, as data represents values attributed to parameters, and knowledge signifies understanding of real things or abstract concepts. As it regards data, the information's existence is not necessarily coupled to an observer (it exists beyond an event horizon, for example), while in the case of knowledge, the information requires a cognitive observer.
- Dictionary.com
 - Knowledge communicated or received concerning a particular fact or circumstance; news
- Merriam-Webster
 - The communication or reception of knowledge or intelligence
- BusinessDictionary.com
 - Data that is (1) accurate and timely, (2) specific and organized for a purpose, (3) presented within a context that gives it meaning and relevance, and (4) can lead to an increase in understanding and decrease in uncertainty.



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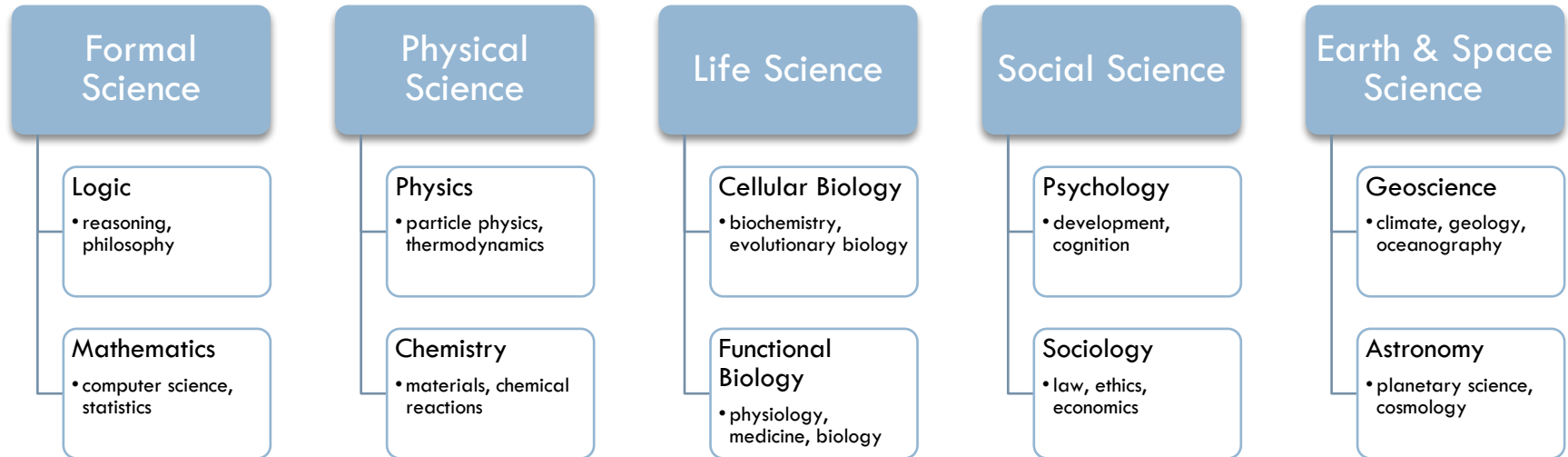


Introductions

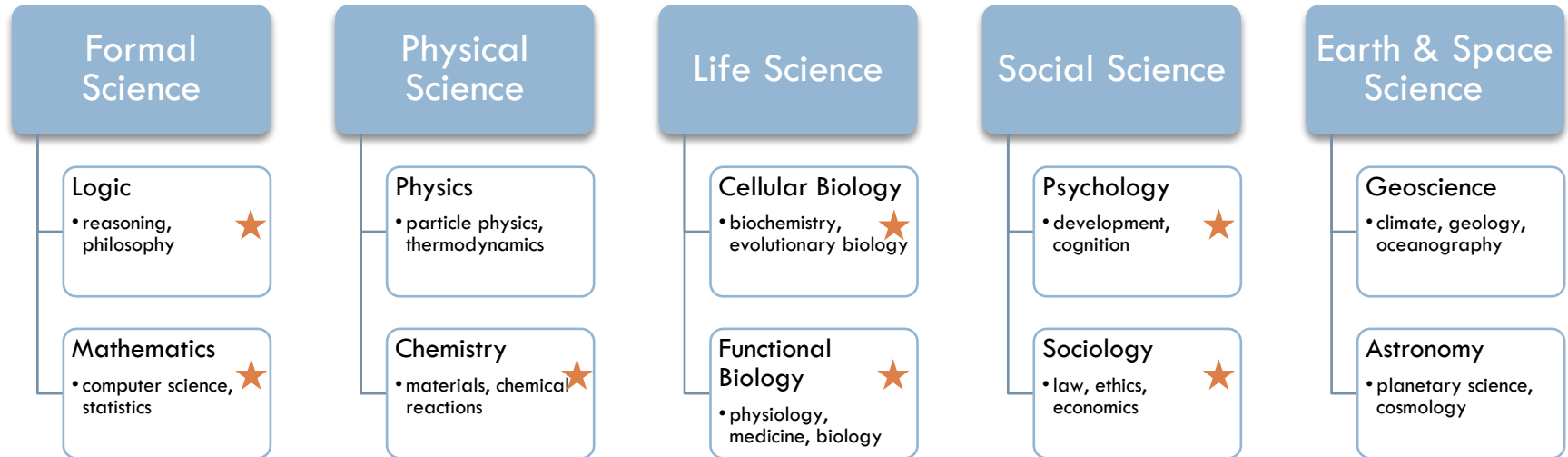


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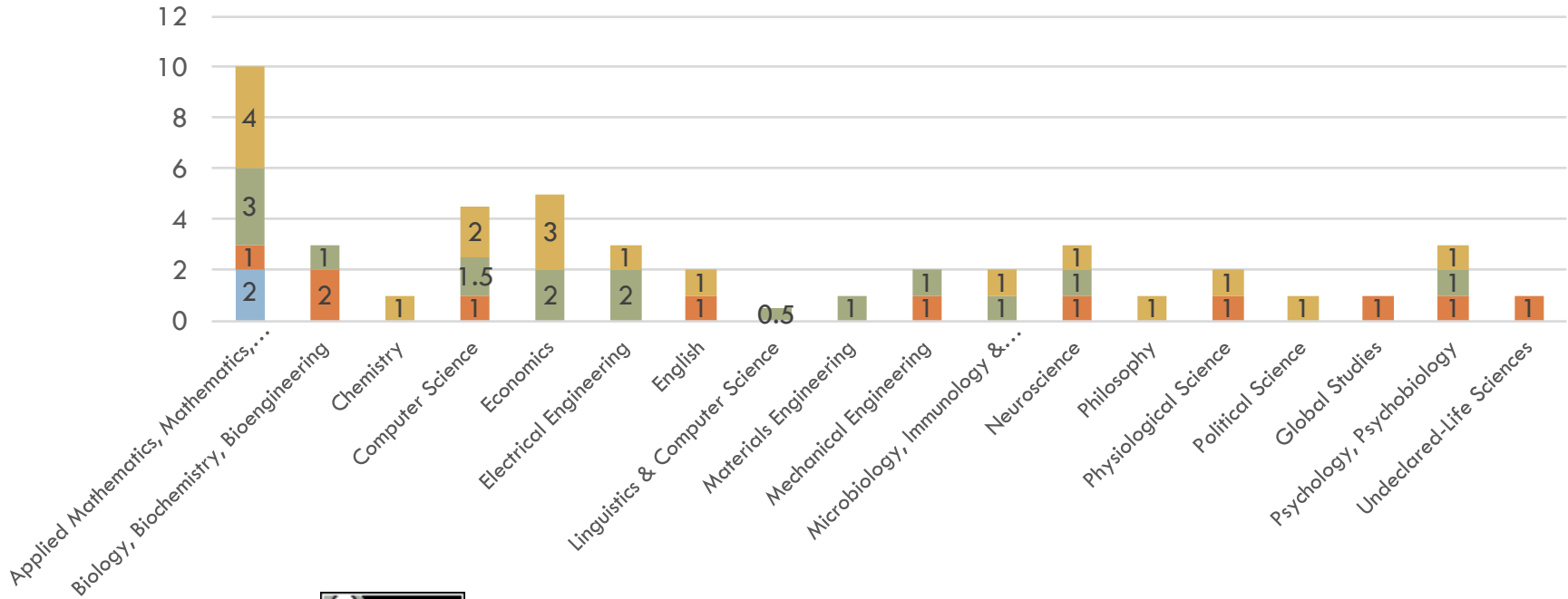
Taxonomy of science



Taxonomy of science



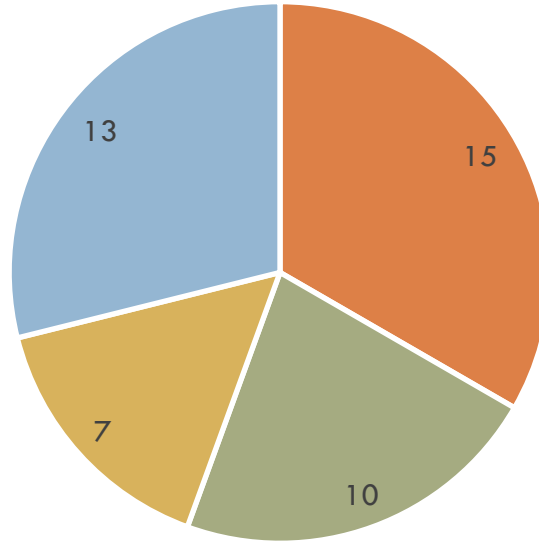
Majors & class year



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Freshman Sophomore Junior Senior

Majors

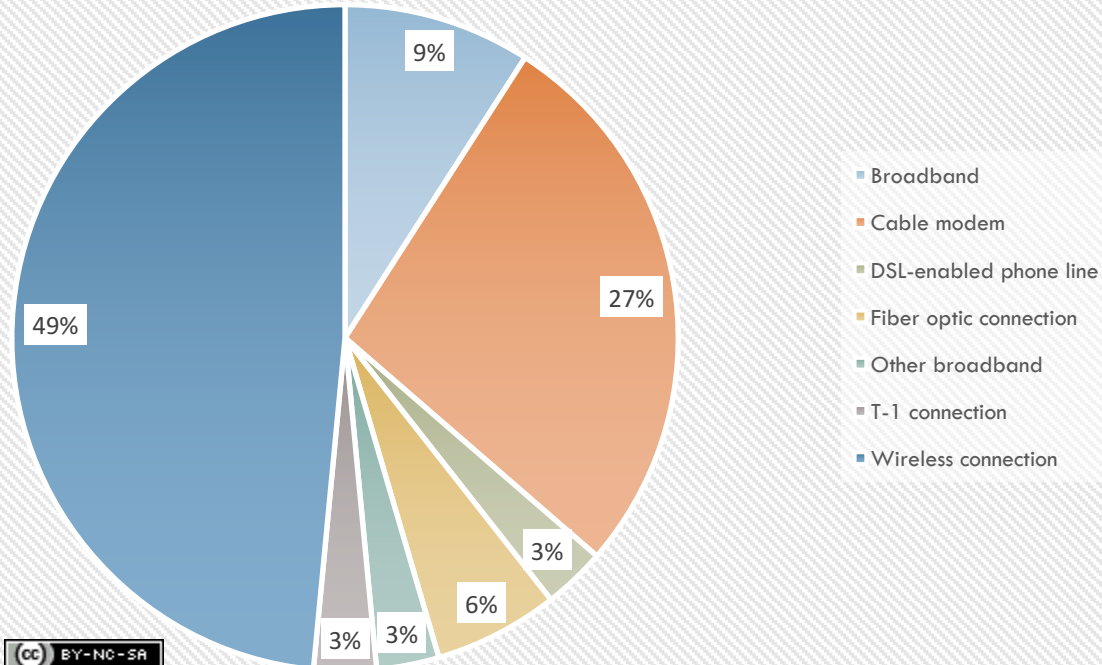


■ Earth & Space Science ■ Formal Science ■ Life Science ■ Physical Science ■ Social Science

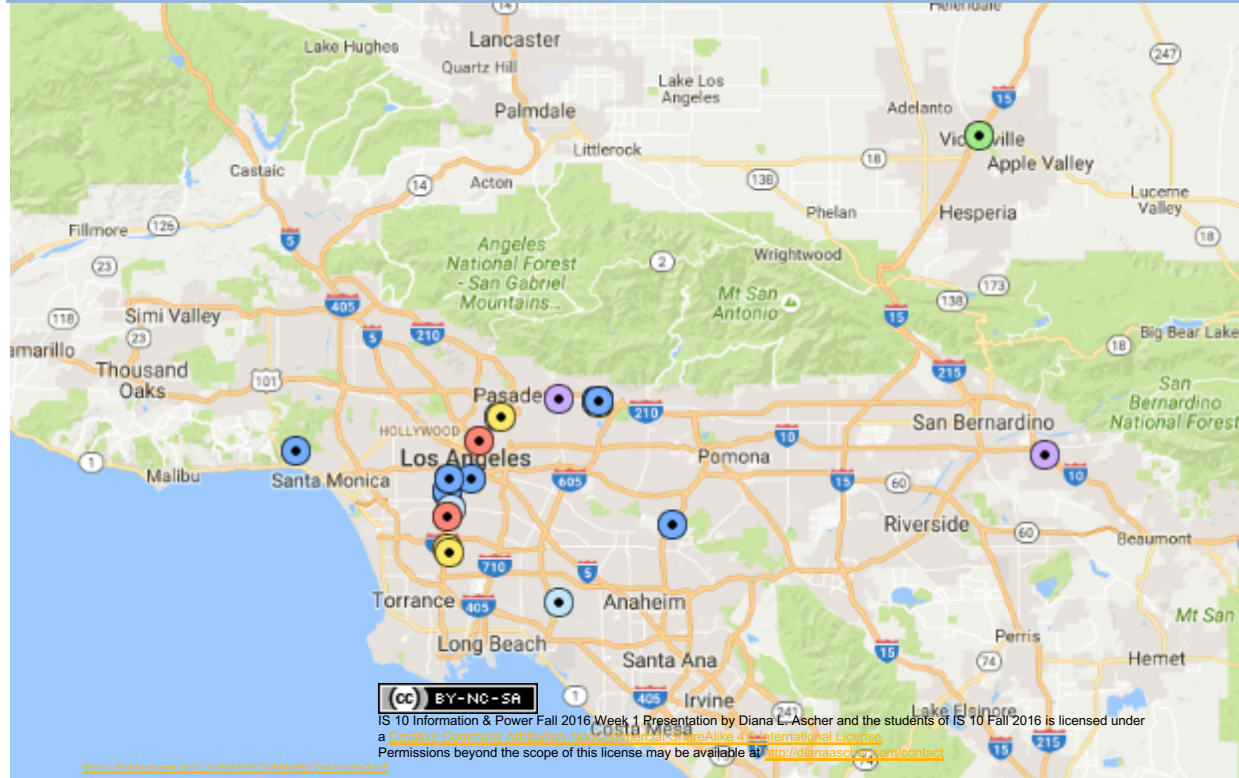


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Internet connection



Frame of reference



Implications

□ <https://youtu.be/33CIVjvYyEk>



Group Activity

These files can be downloaded from CCLE, or accessed from Google Drive.

Group 1: <https://drive.google.com/file/d/0B6RwCTnGFYDuTIY5MU16Z1RUOVU/view?usp=sharing>

Group 2: <https://drive.google.com/file/d/0B6RwCTnGFYDuSkZDaGRPZDJ1MFU/view?usp=sharing>

Group 3: <https://drive.google.com/file/d/0B6RwCTnGFYDub3VuNlgxZmd1VjA/view?usp=sharing>

Group 4: <https://drive.google.com/file/d/0B6RwCTnGFYDuq3NpZkZ6STJKSU0/view?usp=sharing>

Group 5: <https://drive.google.com/file/d/0B6RwCTnGFYDuNXpKaUIKVDNZS3M/view?usp=sharing>

Complete the slide for your group and save to the shared file.



Marcia Bates

- History of information behavior
- Principle of least effort
- Passive vs. active
- Technological revolutions



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Bates, M.J. (2009). [Information & Power: A History, Theory, and Research](#). In D. L. Ascher (Ed.), *Information Science, 3rd Ed.*, Ed. Marcia J. Bates and Mary Niles Mack. New York: CRC Press, Vol. 3, pp. 2351-2377.

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Don Fallis

- Epistemology: Looks at what knowledge is and how people come to know things about the world. Social Epistemology: The branch of epistemology that focuses on the role that social factors and social institutions play in knowledge acquisition.
- Connecting the acquisition of knowledge, the processing of knowledge, and the classification of knowledge.
-



bell hooks

- Engaged Pedagogy: Holistic model of learning that involves more student expression and empowerment
- Challenging the “banking” system of education
 - ▣ Interacting with information instead of memorizing
- Emphasizes spiritual knowledge and letting both students and teachers be vulnerable in class
- Objectification of teachers; creating a dialogue between students and teachers



Herbert Schiller

- Are corporations are taking over power of speech?
 - ▣ Individual expression is limited
- Governments are collecting less data and corporations are keeping theirs secret
- Money is influencing what data gets collected
- Lots of new jobs are collecting and analyzing this data.

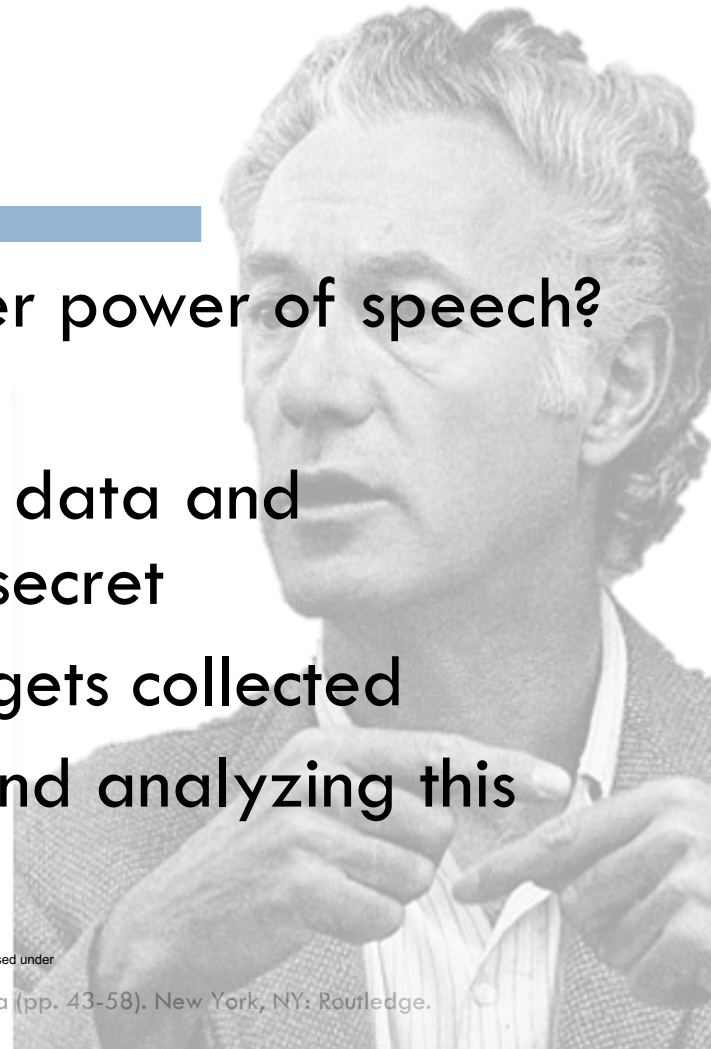


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Schiller, H. (1996). [Data deprivation](#). In *Information inequality: The deepening social crisis in America* (pp. 43-58). New York, NY: Routledge.



Chimamanda Adichie



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<https://youtu.be/D9lhs241zeg>



N. Katherine Hayles

- infinite compression
Borges's *The Aleph* : ball where can see everything, expanded view, but at some point, too much repetition, which could be compressed
- infinite expansion
Borges's *The Library of Babel* : filled with every book with every combo of letters, but at that point, it repeated in the same order as the original, which could be compressed back to the original
- Though these are opposite, they have a coupled dynamic wherein they are intertwined
- Archiving
we don't keep info as well due to digitizations. No variety to drafts. Mindset of obliterating the old when obsolete.
issues with upgrading
- The notes of *The Ship of Theseus* called "The S" : ship-building identity crisis --> questions if the ship is still the same when the wood is all new



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Anil Dash

- <https://www.youtube.com/watch?v=9KKMnoTTHJk&feature=youtu.be&t=2m30s>



Common themes

Value/Goal	Bates	hooks	Schiller	Adichie	Hayles	Dash



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Next time

- Weekly reflection essay for Week 2 due **this Friday**
- Come prepared to tell me what domain your group will analyze for the timeline project



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