

Stanford ONLINE

John Mitchell

Vice Provost for Online Learning

Pivotal moment in higher education

- Educational demands of an info-based society
- Rapidly improving digital technology
- Vibrant public debate about the cost, means and ends of higher education

Distance learning is decades old



Stanford Instructional Television Network

“Largest single university provider of live graduate courses in the world” (1993)

<http://news.stanford.edu/pr/93/931129Arc3033.html>

Change takes time



Apple Newton, 1987



Palm Pilot, 1997

iPhone, 2007



CS has much to offer

- Forward-looking interdisciplinary field, open to new frontiers, new applications
- Know how to manage teams, address scale
- Our technology is everywhere

As academics we can

- Help advance learning for our institutions, broadly
- Improve teaching and learning of CS

Vice Provost for Online Learning (VPOL)

Stanford University
Stanford | Office of the Vice Provost for Online Learning

ABOUT | ID & PEDAGOGY | PLATFORMS | PRODUCTION | STANFORD ONLINE | OPENEDX | NEWS & EVENTS

About VPOL
The Office of the Vice Provost for Online Learning (VPOL) advances faculty-driven online learning initiatives and research, providing exceptional educational opportunities to Stanford students by transforming the way learning is organized in our classrooms and far beyond them. We foster collaboration with other education organizations by sharing course material, data-driven research, and source code for enhancements to our open-source platform OpenEdX. We make courses available to lifelong learners everywhere through Stanford Online. We continually experiment to see what we do through creating innovative use of technology we share what we learn with the world.

Stanford ONLINE
HOME | COURSES | NEWS & EVENTS | ABOUT | OPENEDX | FACULTY RESOURCES

Learning Opportunities

- Findings of Selfish & Pe...
- Environmental Physiology: Foot...
- Automata

The Future of Learning

Instructor Aneesh Nainani us seed grant to flip Stanford's EE292L Nanomanufacturing cou...
The next seed grant deadline is November 15. >>>

Transformation of Teaching

Incubation
VICE PROVOST FOR ONLINE LEARNING
Sharing as we innovate: Stanford Online is a university-wide initiative coordinated by the Office of the Vice Provost for Online Learning (VPOL). As we develop new capabilities to enhance teaching and learning on our physical campus, we're sharing our work worldwide through publicly available courses, teaching strategies, and research findings on digitally mediated instruction.

Speaking Engagements

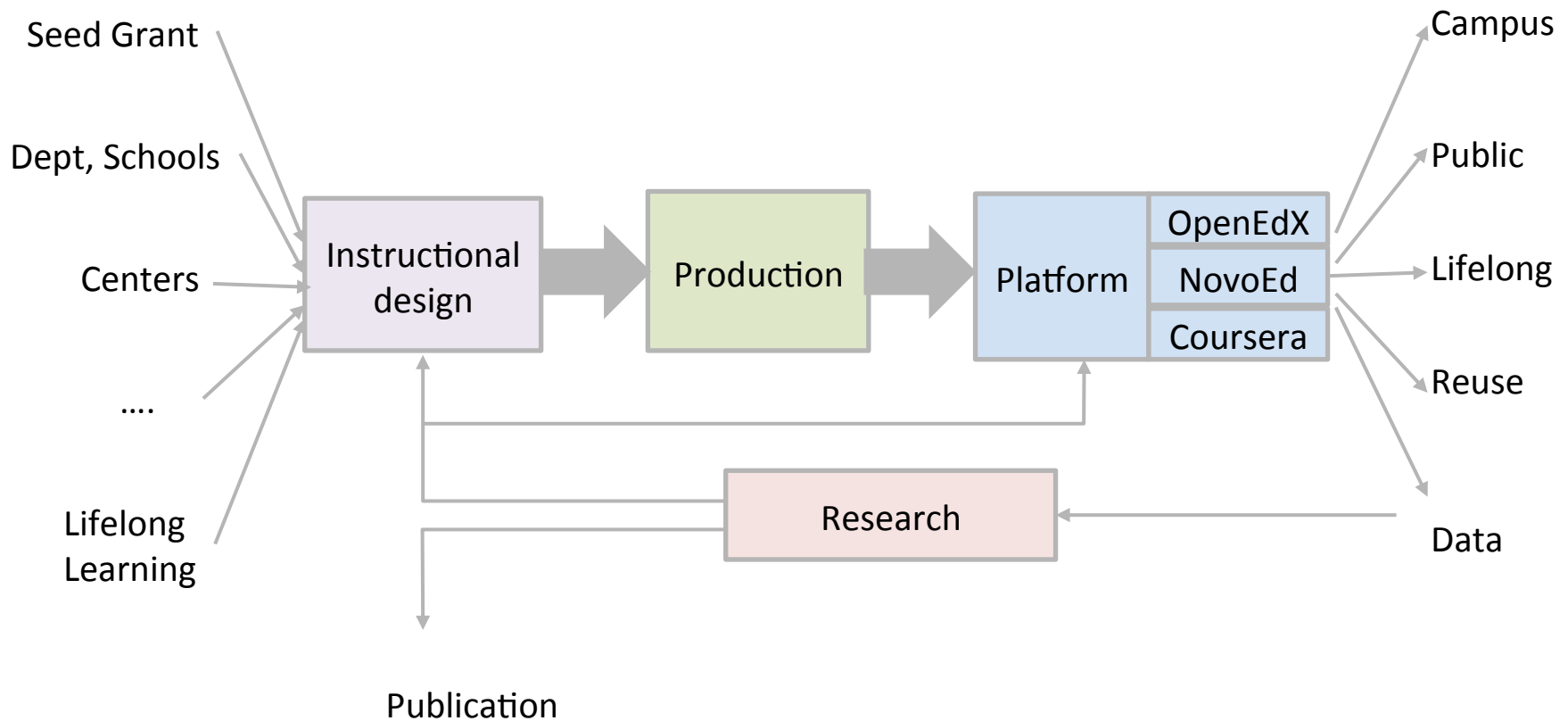
- Education Reimagined: Sai Khan
November 14, 2013
- Public Forum – the art and science of online learning environments
November 18, 2013
- VPOL Information Session #3
December 3, 2013
- VPOL Information Session #4
January 21, 2014

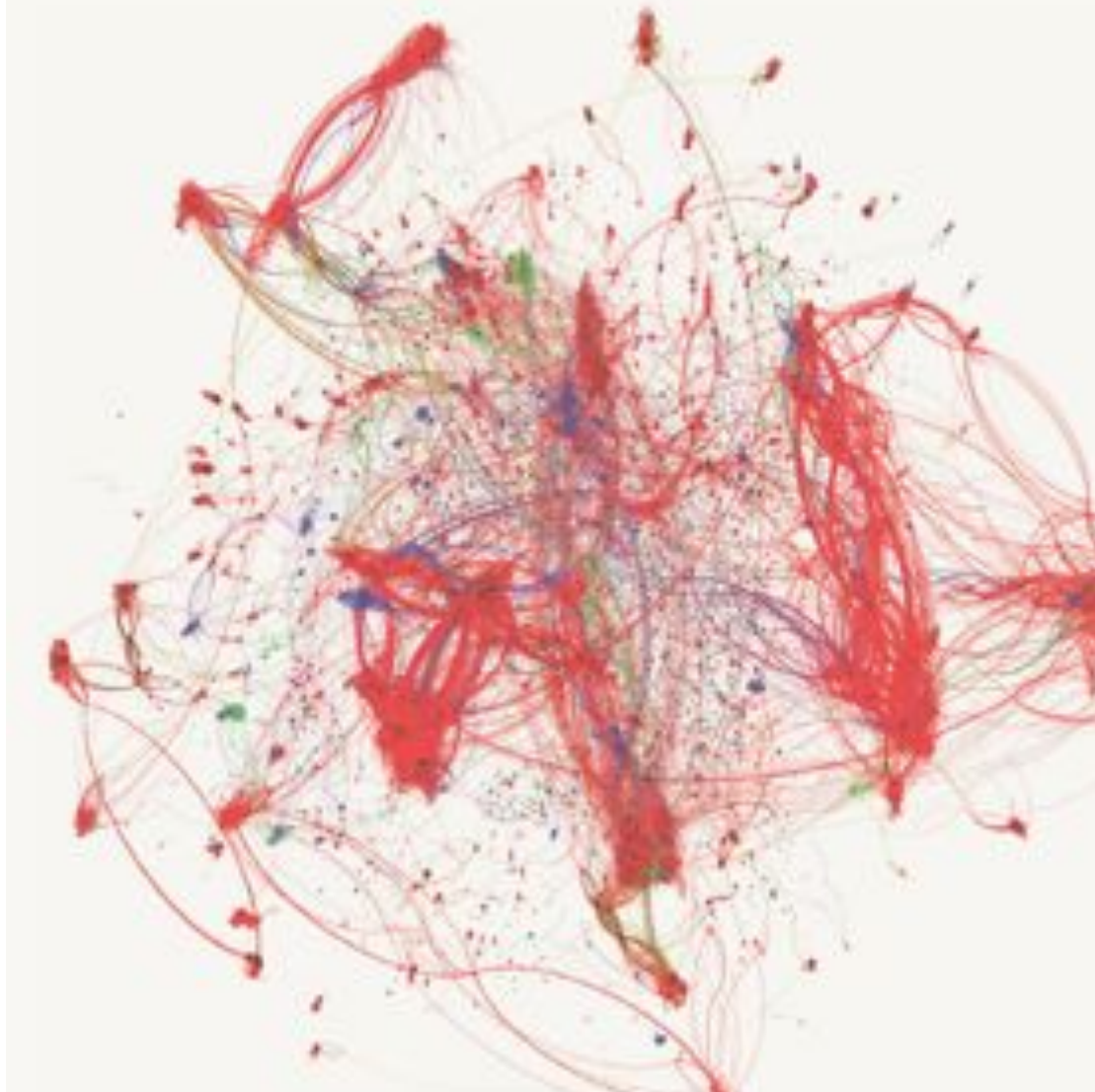
COURSE DESIGN AND PRODUCTION
The Office of the Vice Provost for Online Learning (VPOL) provides support to Stanford faculty and staff for course design and

Advance the understanding and use of new technologies and pedagogical methods, for Stanford students and faculty and in service to higher education and lifelong learning

online.stanford.edu
vpol.stanford.edu

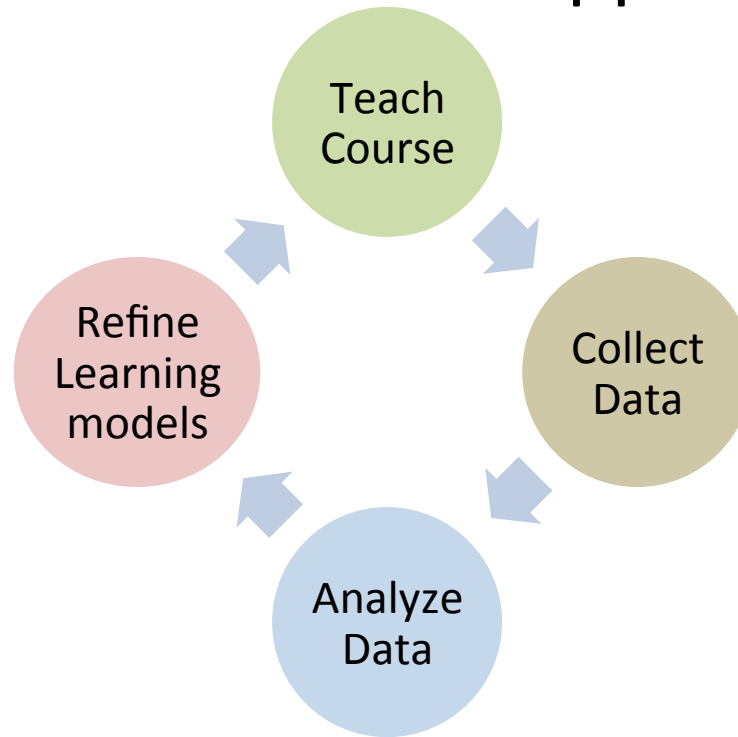
Development process





Lessons learned

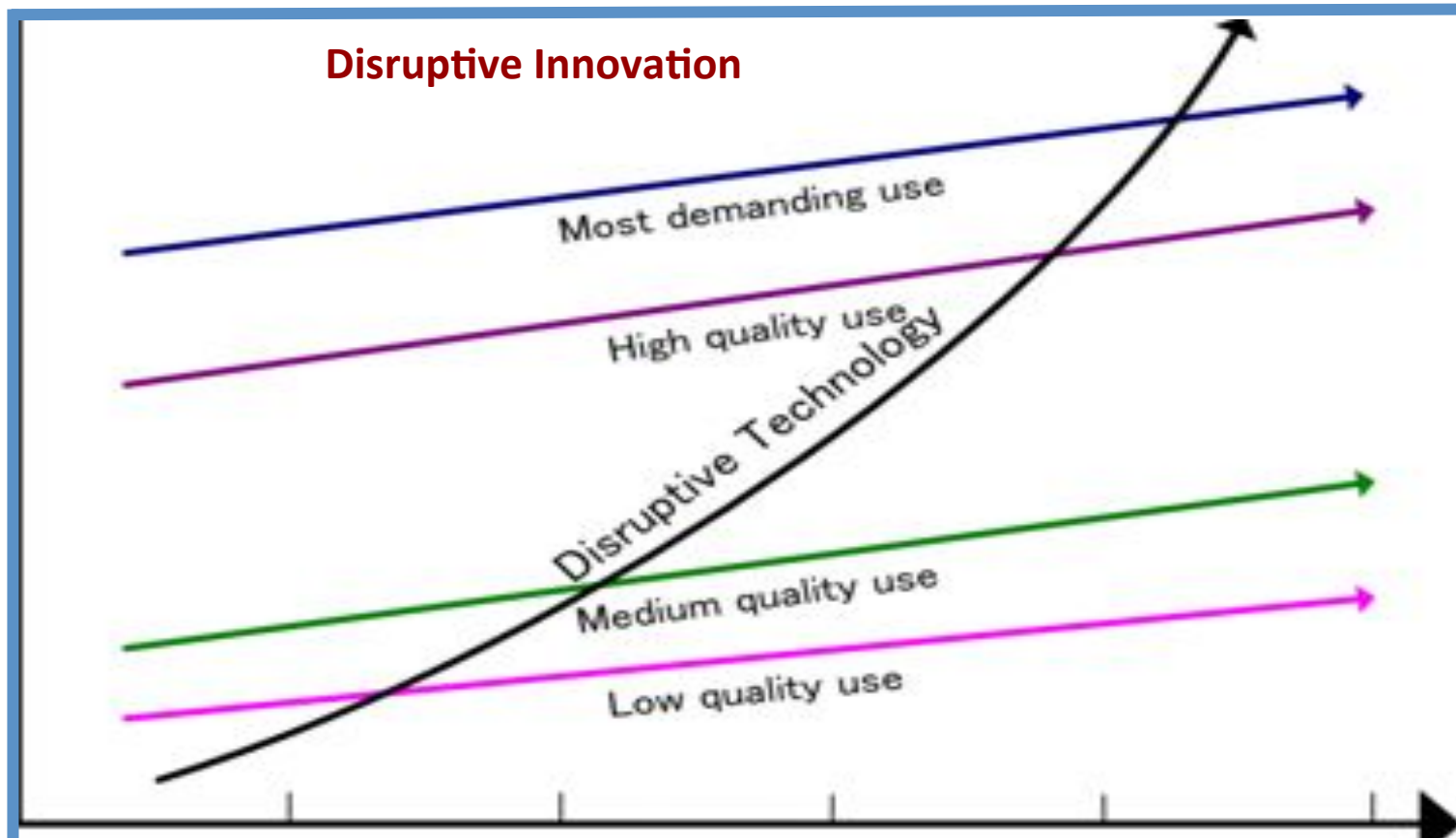
- Promising technology supporting innovation
- Value and excitement of large audiences
- Tremendous research opportunity



We are Progressing Along Two Curves



We are Progressing Along Two Curves



Directions for future

- Research-based teaching
- Teaching-based research
- Online tools, resources, programs
- Experiential learning

Information available on our websites

LYTICS

LyticsLab@Stanford

HOME ABOUT US PHILOSOPHY RESEARCH SEMINAR PUBLICATIONS PEOPLE EVENTS CONTACT

Home

A research laboratory at Stanford, the Lytics Lab is a center for research and data-driven design to develop our collective...

Building on the foundations of multiple disciplines and... among researchers, technologists, designers, educators... Communication, Psychology, Statistics, Design and Social... and comment on our current [research projects](#).

NEXT LYTICS SEMINAR

Date: Thu, 5 December 2013
Location: CERAS 101
Schedule: TBA

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