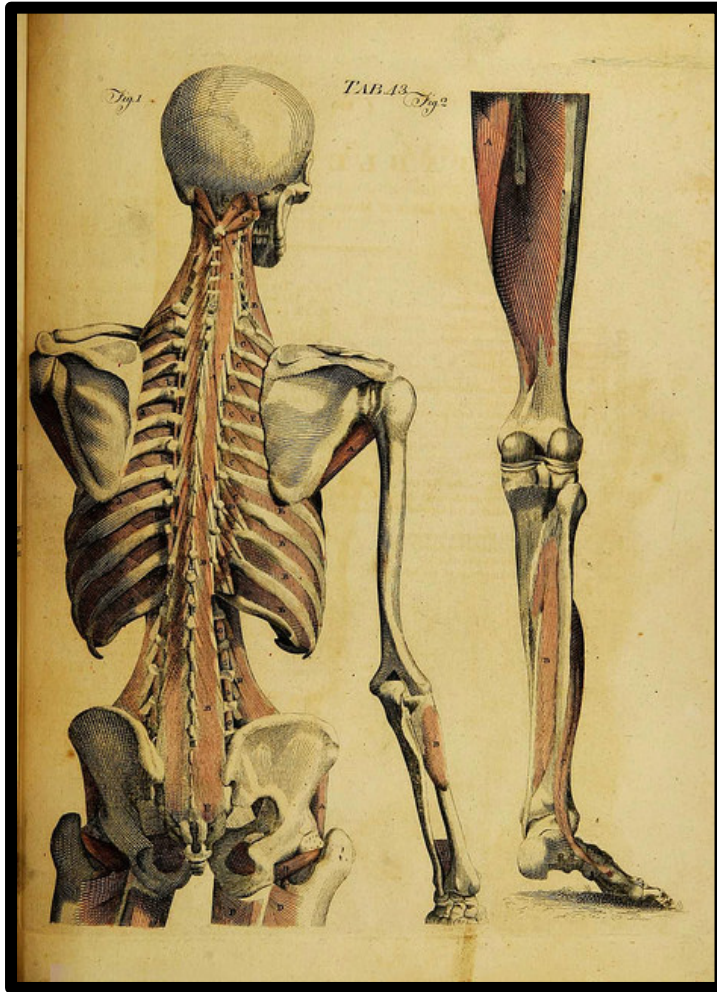# Open Education: Anatomy of a System Wide Initiative

Reta Chaffee, Granite State College
(Terri Winters, University of NH)
October 13 2016

Disclaimer # 1

There won't be much discussion about anatomy.
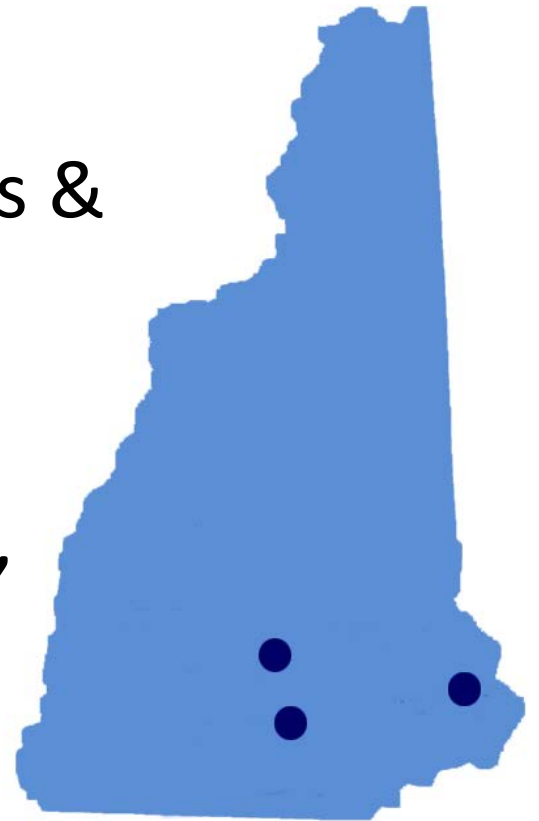
Disclaimer # 2

This is a NH system story. While some components are unique to our situation, our hope is that there are pieces which can be adapted to your own ...in the true nature of **OPEN.**
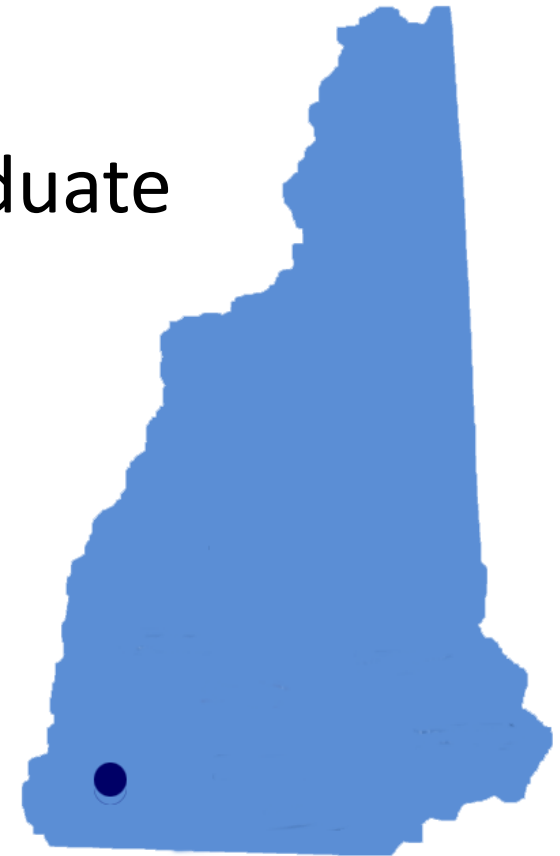
University of New Hampshire

- 11 colleges & schools
- 12K + undergraduates, 2.4K grads & professionals
- 200+ degree programs
- Campuses: Durham, Manchester, Concord
- LMS: Canvas

University System
of New Hampshire

- 40+ Areas of studies
- 4.6K+ undergraduates, ~100 graduate
- Campus: Keene
- LMS: Canvas

Plymouth State UNIVERSITY

- 4.1K+ undergraduates, 2K+ graduates
- 129 degrees & certificates
- Campuses: Plymouth & Concord
- LMS: Moodle
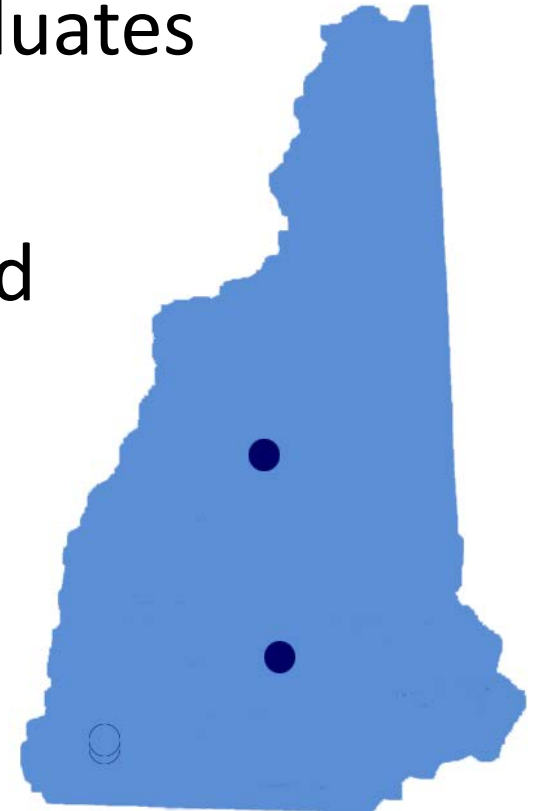
Granite State College
UNIVERSITY SYSTEM OF NEW HAMPSHIRE

- 2.8K+ undergrad, 340 post-bac, 190+ grad
- Campuses: 9 statewide + online
- Online: 70% + enrollments
- Degrees & Certificates: 58
- Average student age: 34
- LMS: Moodle

Where's the technology?
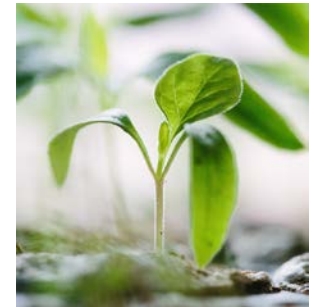# And who's using it?

An Idea is Born

USNH Academic Technology Steering Comm.

- IT& Academics from each institution

- Monthly meetings

- Broad Goals
  - Aggregate academic technology tools across institutions
  - Increase faculty's use of "rich media"

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Funding ($100K)
...some strings attached

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Another Idea is Born

USNH Academic Technology Institute (ATI-2011)

- Multi-day conference: speakers, workshops, panels, sessions
- Focus on Pedagogy and Technology
- 10 faculty from each institution (40)
- Rotating location at all 4 institutions

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Technology Happened

Kaltura: streaming media server

Bb Collaborate/Zoom Web-conferencing

Qualtrics Survey Tool

What the faculty said…

"I really can't say enough about the ATI. I found it stimulating and energizing. Making connections to my colleagues at my sister institutions was enormously helpful, and not something that I have easily been able to do."

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And it grew…

- Celebrated 6th Annual ATI this year
- ~200 faculty have attended
- 1-day January event added
- Inspirational Keynote speakers:
  - Bryan Alexandar   (Futurist)
  - Jessamyn West (Librarian)
  - Jim Groom (DS106) --Jesse Stommel(Hybrid Ped.)
  - David Lipman (OER) --Nicole Allen (SPARC)
  - MaryLou Forward (OEC)

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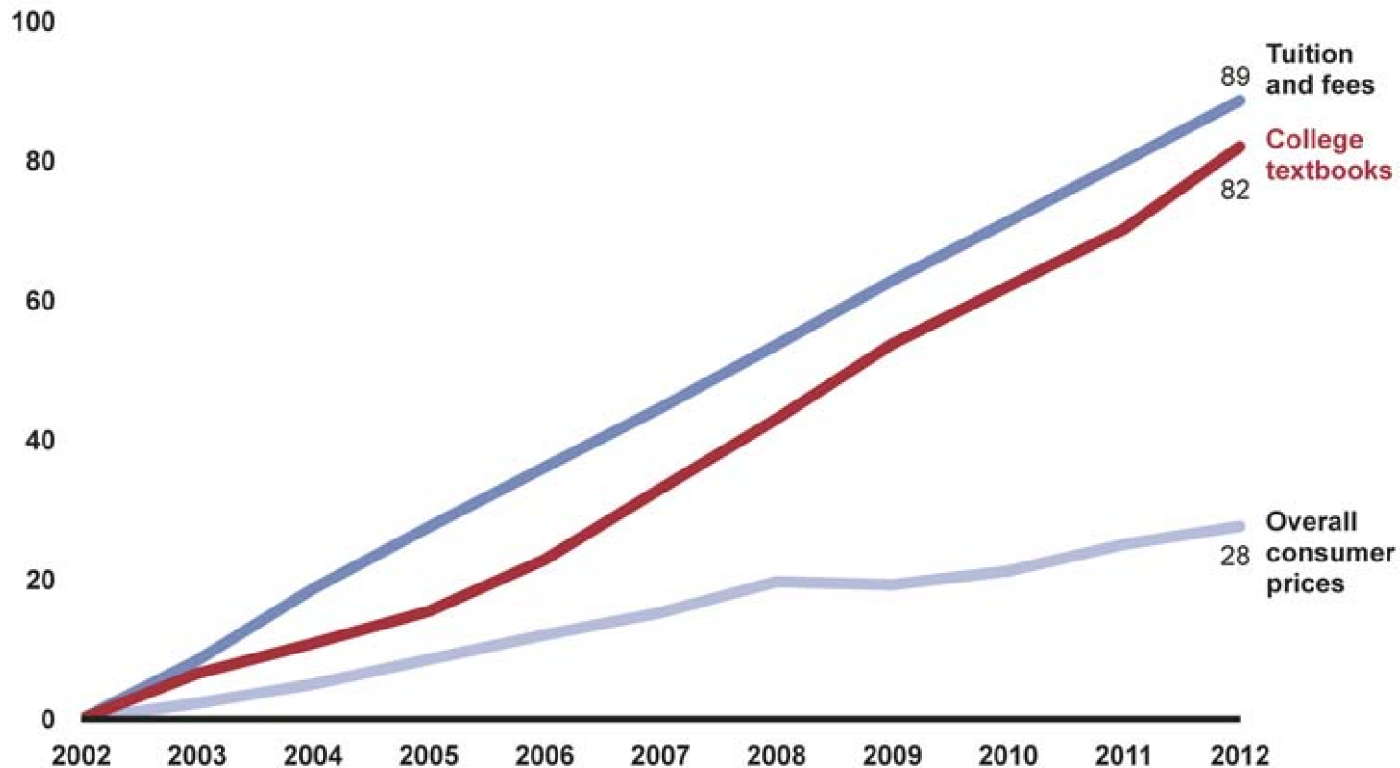# The Critical Incident: ATI 2014

Cable Green is Key Note Speaker

The Problem-The Challenge

Figure 1: Estimated Increases in New College Textbook Prices, College Tuition and Fees, and Overall Consumer Price Inflation, 2002 to 2012

Percent increase since 2002

Source: Bureau of Labor Statistics' Consumer Price Index data.

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Another Idea is Born

UNH: OER Ambassador Pilot

Goal: Understand support and assessment services required to support faculty adoption of OER

- Incentivize faculty to adopt OER (9)
- Based on: UMass-Amherst OER initiative
- Sponsored by Provost, college deans, Library, Academic Technology
- Support for faculty through partnership among:
  - Library faculty
  - Center for Excellence in Teaching and Learning (CETL) staff
  - Academic Technology staff
  - OER Fellow (Robin DeRosa, PSU Faculty)

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UNH OER Pilot Results

- When OER were used, **exams scores** were either **similar to or exceeded** scores from exams from previous year
- *Faculty perceptions*: Time and effort spent incorporating OER viewed as a worthwhile investment and said they would continue using OER in their course
- *Student perceptions*: Cost savings, usability of materials, and exam preparation were positive aspects of OER

What UNH Learned: [Exec.Summary](#)

- OER isn't free
  - Build team to support OER
  - Provide support for curation, instructional design, technical issues, and assessment
- Small financial investment yields significant student savings
  - $30,000 university investment
  - Up to $149,407 savings for ~1040 students in 6 courses (8 sections)
- Focus on large enrollment courses in key departments could advances growth and cost savings more rapidly for UNH students

University System of New Hampshire

Building on Pilot Successes

- ATSC: wrote **successful grant for $385K** to support growth of Open Education at 4 institutions.
- Focus on **Open Ed rather than just OER**
- Increased # faculty "OE Ambassadors"
- Faculty, librarian & staff attended **OpenEd 2015**
- **Expectation** for faculty **presentations** on campuses & participate 3 additional events.
- Increased connection with campus **libraries**
- Funding for additional support (**website, marketing, coordination**) AND institutional level **capacity building**.
- Planned **evaluation** of all projects by UNH CETL

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Open Education

- **OER**

- **Open Pedagogy**
- **Open Access (Journals)**

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Faculty Feedback: ATI 2016

"I feel the strength of this year's ATI was the system wide collaboration on one initiative, OER. I felt (feel) as I incorporate OER methods and strategies in my courses I am part of a larger movement within the whole USNH system."

Stakeholder Presentation: USNH BoT

What's Next? Build Awareness

❑Who are the key stakeholders?
  o Faculty,
  o Librarians,
  o CIOs /Provosts/Deans (Sponsors)
  o Students (USNH BoT Reps)

❑Evaluation

❑Presentations
  o BoT Academic Excellence Committee, Legislature, OpenEd 2016, UNH –Faculty & Student Senate

❑Students…in upcoming year (USNH Student Reps)

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Key Lessons Learned

① To build a system-wide initiative, it takes **collaboration** of the **key stakeholders** & support of the **funders**.

② This is often a **multi-year process** with demonstrated benefits and measurable impact.

③ **Faculty** play an **important** role in shaping the direction and success of a system-wide initiative.

④ **Instructional Design & librarian** support is critical for Open Education

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And what can we learn from you?

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Resources of Interest

- USNH Academic Technology & ATI http://at.usnh.edu **#usnhshare**
- [Creative Commons](#) , [SPARC](#)
- [Open Education Consortium](#), [OER Commons](#)
- [UMASS Amherst Library OER Initiative](#)
- [Advancing Open Pedagogy-BC Campus](#)
- [Hewlett Foundation, OER](#)
- [What is Open Pedagogy](#), Dr. David Wiley

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- Estimated Increases in New College Textbook Prices, College Tuition and Fees and Overall Consumer Price Inflation, 2002-2012. Source: Bureau of Labor Statistics Consumer Price Index data, CC by Nicole Allan, SPARC, presentation.

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