Big History as General Education

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“Big History as General Education”

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Mojgan Behmand, Associate Vice President for Academic Affairs

CIC Institute for Chief Academic and Chief Financial Officers
Portland, Oregon
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Today’s Outline

1. What Is Big History?
2. Why Big History?
3. Why Big History at CIC?
4. The How and Where of Big History
5. Aligning Big History with Mission and Institutional Outcomes
6. The Role of CAOs and CFOs
7. Final Thoughts and Questions
1. What Is Big History?

- New emerging discipline
- 13.8 billion years of natural and human history
- Combines cosmology, astronomy, chemistry, geology, biology, archaeology, anthropology, art, literature, etc.
- Provides comprehensive story of our universe
- Is taught through division into eight chronological thresholds and the future.
2. Why Big History?

- Interdisciplinary and integrated approach brings bodies of knowledge into relationship with one another
- Approach creates a scaffold for the contextualization of all knowledge ... counteracts fragmentation
- Vast spatial and temporal scales allow learners to study past, present, and envision a role in the future
2. Why Big History?

FALL 2013. Total Enrollment =305. Response Rate=27%

Q. Do you ever think about what you’ve learned in your Big History course or talk about it with others?

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<th>#</th>
<th>Answer</th>
<th>Response</th>
<th>%</th>
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Q. Has your Big History experience changed the way you see or understand aspects of the world?

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Q. Has your Big History course changed the way that you see your role in the world?

<table>
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<td>84</td>
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One Dominican: Our spirit, our history, our future
3. Why Big History at CIC?

BIG HISTORY PROJECT
Take your students on a 13.7 billion year journey

Ask the big questions about our Universe, our planet, life and humanity. Explore where we are going in the future and challenge your students to develop the skills and knowledge they need to get there.

REGISTER NOW

Learn more...
Why Big History at CIC?
3. Why Big History at CIC?

One Dominican: Our spirit, our history, our future
3. Why Big History at CIC?

- **Heightened visibility:** New York Times U.S. and U.K. coverage; Bill Gates’ s Big History Project; History Channels H2’s Big History series; Swimme and Tucker’s *Journey of the Universe*

- **Feedback and data:** student testimony and feedback from various institutions; data from four years of implementation and assessment at Dominican University of California to confirm powerful nature of content and its potential to educate and situate the whole person

- **Size and flexibility:** CIC member colleges and universities have size and flexibility to bring an innovative—even transformative—program to campus
4. The How and Where of Big History

Levels Taught

• Kindergarten and primary schools: Montessori schools globally

• Middle schools; high schools: The Big History Project globally Foremost: United States, Australia, South Korea

• Secondary education; higher education Foremost: United States, Australia, Netherlands, South Korea, Canada, South Korea, Russia
4. The How and Where of Big History

Programmatic Homes in Higher Education

- General Education programs — Requirement or elective in history, social science, literature (cosmic narratives)
- Honors program — Requirement or elective
- Major — Requirement or elective in history
- First Year Seminar/Experience — Requirement or elective
4. The How and Where of Big History

Formats and Pedagogical Approaches in Higher Education

- Lecture— single lecturer
- Lecture— lecturer and rotating guest lecturers
- Seminar
- Seminar sequence/First Year Experience with strongly aligned co-curriculum
- Online curriculum (Big History Project)
- MOOC (Possible future Coursera course)
A Vast and Expansive Content

- Proper alignment ensures achievement of intended outcomes
- Align Institutional Mission, Program Objectives, and course Student Learning Outcomes—carefully consider knowledge areas, skills, and high-impact practices
### 5. Aligning Big History with Mission and Institutional Outcomes

**Dominican’s Alignment & Notable Features**

<table>
<thead>
<tr>
<th>Mission Statement</th>
<th>General Education Goals</th>
<th>First Year Experience Goals</th>
<th>FYE Course SLOs</th>
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</thead>
</table>

- Alignment with AAC&U’s LEAP Outcomes 1-3
- Triple high impact practice—First Year Experience, Common intellectual Experience, Writing Intensive
- High impact practice for faculty—Learning Community
6. The Role of CAOs and CFOs

The Role of the Chief Academic Officer

- Alignment of mission with outcomes
- Commitment of administration
- Engagement with faculty leadership, committees, opinion makers—address issues of displacement and territory
- Opportunity for campus dialogue with experts
- Opportunity for intensive faculty development
- Incentives—Reassigned time, campus-wide acknowledgement, travel funds, aligned tenure and promotion policy
- Implementation, ongoing meaningful assessment with continuous quality improvement
The Role of the Chief Financial Officer

- Philosophy: Ensure an approach aligning mission and academic priorities with fiscal priorities; encourage innovation; include opinionmakers, librarians, and campus spiritual leaders
- Curricular redesign: Plan for reassigned time, visiting experts, conference or institute attendance
- Pre and post-approval: Plan for faculty development—seminar fees, experts’ honoraria, stipends or travel funds for participants, materials, catering, facilities, administrative support.
- Implementation: Plan for learning kits, co-curricular activities
- Continuous quality improvement: Plan for ongoing faculty meetings—weekly, semesterly, annually—assessment retreats, conference attendance
One Dominican: *Our spirit, our history, our future*

Further Dominican Resources

*Much more information can be found at www.domini evac.edu/academics/big-history/summer-institute*
7. Final Thoughts and Questions

Thoughts?
Questions?
Thank You!

Nicola Pitchford, VPAA
Mojgan Behmand, AVPAA