Presenters

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Future universities and climate change
Multiple engagement levels

HOW HIGHER EDUCATION ENGAGES WITH THE CLIMATE CRISIS

- HIGHER EDUCATION
- CAMPUS GROUNDS
- RESEARCH
- TEACHING
- OFF-CAMPUS RELATIONS
- LOCAL COMMUNITY
- NATION AND WORLD
<table>
<thead>
<tr>
<th>Climate change on campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buildings</td>
</tr>
<tr>
<td>Power</td>
</tr>
<tr>
<td>Transportation</td>
</tr>
<tr>
<td>Green IT?</td>
</tr>
<tr>
<td>Food systems</td>
</tr>
<tr>
<td>Basic needs</td>
</tr>
<tr>
<td>Relocation from water, desert</td>
</tr>
</tbody>
</table>
Bold Actions to Address the Climate Crisis

North America

The entire Atlantic seaboard would vanish, along with Florida and the Gulf Coast. In California, San Francisco's hills would become a cluster of islands and the Central Valley a giant bay. The Gulf of California would stretch north past the latitude of San Diego—not that there'd be a San Diego.
Bold Actions to Address the Climate Crisis
Bold Actions to Address the Climate Crisis
Climate change impacts

Research:

- Fields expand, contract
- New domains, disciplines
Climate change impacts

Support?

- How to preserve endangered sites, materials
- Political pressures
Academic travel?
▪ All webinars?
▪ HyFlex meetings?

But:
▪ Inequalities
▪ Resistance
Climate change impacts

Teaching: curricula:

- Expand current work
- Add new microcredentials, programs, centers
Climate change impacts

Teaching: pedagogies:

- Project based
- Inquiry based
- Simulations/gaming
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Barcelona students to take mandatory climate crisis module from 2024

Course thought to be world first agreed after university bowed to pressure from seven-day End Fossil protest

https://www.theguardian.com/world/2022/nov/12/barcelona-students-to-take-mandatory-climate-crisis-module-from-2024
Climate change impacts

Role of academia in the crisis:

- Work with local efforts?
- Collaboration/friction
Climate change impacts

Role of academia in the crisis:
- Public intellectuals?
- Lead mitigation?
- Support climate migrants?
- Global alliances?
Multiple engagement levels

HOW HIGHER EDUCATION ENGAGES WITH THE CLIMATE CRISIS

HIGHER EDUCATION

CAMPUS GROUNDS

RESEARCH

TEACHING

OFF-CAMPUS RELATIONS

LOCAL COMMUNITY

NATION AND WORLD
Bold Actions to Address the Climate Crisis

http://futureofeducation.us/
twitter.com/bryanaalexander
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Snapshot
- Founded 1874
- Block Plan since 1970
- 2,425 students
- 80 majors, minors, specialized programs
1st in Rocky Mountain Region
8th in North America
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EnAct: Students from the EnAct Club join the Global Climate Strike in CO Springs

Drake Power Plant will shut down for good tomorrow night. We used coal for the last time at the plant one year ago. Now we’re turning off the natural gas units. Drake has served our community for almost 100 years. But it’s time to say farewell. Hello, cleaner energy future.
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### Bold Actions to Address the Climate Crisis

**Reducing On-Campus Emissions by 75%**

- 100% Renewable Energy
- Campus Engagement
- Community Partnerships
- Efficiency Upgrades
- Building Renovations
- Carbon Offsets
Tree Semester
Teaching & Research in Environmental Education
Bold Actions to Address the Climate Crisis

28 out of 30 academic departments at CC offer courses that focus on sustainability
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Sustainability Focused Field Based & Abroad Blocks
1/5 of faculty conduct research that focuses on elements of sustainability.

1/3 of departments have at least one member engaging in sustainability focused research.
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- **Public Interest Fellowship Program**: Connecting students to CO nonprofits.
- **State of the Rockies**: Student research around social and political challenges in the West.
- **Office of Sustainability**: Opportunities for students to lead sustainability initiatives across campus.
- **CCE**: Supporting student community engagement in CO Springs.
- **Anthropology Dept.**: Students at COP27, staffing the Youth Environmental Alliance for Higher Education exhibit booth.
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• Private, Christian, liberal arts college
• 140 years
• Over 800 students
• Over 70 degree programs including nursing and health sciences, business, science and technology, behavioral sciences, communication and visual arts
Environmental Efforts

• Water reclamation and management
• Sustainable forest management
• Land trusts
• Conservation technology major
• Volunteer work and research projects
• Fire Mitigation
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Pre-Mastication
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Post-Mastication
Bold Actions to Address the Climate Crisis

Pre-Hand Thinning
Post-Hand Thinning
DISCUSSION:
WHAT MORE CAN WE DO?
Bold Actions to Address the Climate Crisis
QUESTIONS?
Download, save, or share session resources
Thank you