Mountaintop Initiative: From Creative Inquiry to Sustainable Impact

Khanjan Mehta
Vice Provost for Creative Inquiry
Director of Mountaintop Initiative
Education for a life of Impact!
Assumption #1

Someone needs to teach for someone to learn.
Learning for everyone by everyone about almost anything.
Universities prepare students for industry.
The gig economy

- Nonprofits
- Academia
- Corporations
- Fourth Sector
- Startups
- Multilaterals
- Consultants
- Government

42 million
US workers are 1099

34% of the workforce has a second job
You need to know basics to do more advanced work.
Start with Food Security?
Skillsets

WORLD ECONOMIC FORUM

2020 SKILLS

Complex Problem Solving
Cognitive Flexibility
Critical Thinking
Negotiation
Service Orientation
Judgement and Decision Making
Emotional Intelligence
Coordinating with Others
Creativity
Teamwork
People Management
Communication

FOUNDATIONAL SKILLS

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Portfolios

experiences

Arts
Research
Creative Inquiry

Entrepreneurship
Internships & Coops
Teaching & Mentoring

Global & Cross-Cultural
Community Engagement
Leadership & Teamwork

Personal Growth
Identity, Agency, Life Goals, Career Pathways, Purpose and Belonging, etc.
Advancing Praxis
New or Improved Products, Processes, Organizations, Ventures, etc.

Professional Recognition
Grants, Awards, Fellowships, Invited Talks, Expanding Network, etc.
Advancing Knowledge
Journal Articles, Conference Presentations, Op-Eds, Symposia, etc.

outcomes

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From Inquiry to Impact
Real, Meaningful, Authentic Projects
Mountaintop Summer Experience

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Bloom's Taxonomy

- **Remember**: Recall facts and basic concepts
  - define, duplicate, list, memorize, repeat, state
- **Understand**: Explain ideas or concepts
  - classify, describe, discuss, explain, identify, locate, recognize, report, select, translate
- **Apply**: Use information in new situations
  - execute, implement, solve, use, demonstrate, interpret, operate, schedule, sketch
- **Analyze**: Draw connections among ideas
  - differentiate, organize, relate, compare, contrast, distinguish, examine, experiment, question, test
- **Evaluate**: Justify a stand or decision
  - appraise, argue, defend, judge, select, support, value, critique, weigh
- **Create**: Produce new or original work
  - design, assemble, construct, conjecture, develop, formulate, author, investigate

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3D-Printed Concrete
Parklets in Bethlehem
Global Social Impact Fellowship
Global Social Impact Fellowship

Two Minute Video Clip:
https://youtu.be/kq5BtF7iUy8
Global Social Impact Fellows

<table>
<thead>
<tr>
<th>Global Social Impact Fellow Mechanics and Logistics:</th>
<th>Spring 2019</th>
<th>Summer 2019</th>
<th>Fall 2019</th>
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<tbody>
<tr>
<td>Academic Coursework</td>
<td>CINQ 396: 1 Credit</td>
<td>None</td>
<td>CINQ 396: 1 Credit</td>
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<tr>
<td></td>
<td>CINQ 397: 2+ Credits</td>
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<td>CINQ 397: 2+ Credits</td>
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<tr>
<td>Retreats and Workshops</td>
<td>Full day Kick-off Workshop</td>
<td>In-country Fieldwork in Sierra Leone or</td>
<td>Full-Day Research Writing Workshop</td>
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<td>Philippines.</td>
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<td></td>
<td>Full day Fieldwork Preparation Retreat</td>
<td>* Optional field trips to local universities and</td>
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<td></td>
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<td>relevant workshops</td>
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<tr>
<td>Formal Presentations</td>
<td>Lehigh Expo in April 2019</td>
<td>*Only for GSIFs in the Mountaintop Summer</td>
<td>*Professional and Academic Conference</td>
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<td>Experience</td>
<td>Presentations</td>
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LEHIGH UNIVERSITY
Fieldwork in Sierra Leone + Philippines
Mushroom Production Systems
Ukweli Test Strips
Sickle Cell Diagnostics
Safe Motherhood
Socio-Economics of Ebola
Fighting Malnutrition
1. You ‘DO’ Social Impact
(You don’t just learn about it)
3. Travel; Culture; Life Skills
4. Work in Multidisciplinary Teams
5. Become a Global Professional
6. Scholarly Research + Publication
7. Professional Conferences
8. Distinguish Yourself
Grad School? Med School? Fulbright?
9. Impact-Focused Careers
10. Fun; Life-Long Friendships
...for the IMPACT...
...IMPACT...
CERTIFICATE OF REGISTRATION FOR A MEDICAL DEVICE

In accordance with the above mentioned Act and its regulations, the pharmacy Board has approved the registration of the following Medical Device for use in Sierra Leone and entered it into the register of regulated products with the following:

No.: CHA - 19 - 09 - CW/CH - M - 171

Name: Ukweli Test Strips

World Hope International, 49 Johnson Street, Aberdeen

Freetown
GET STUFF DONE