Urban Agriculture and Cannabis Education

Olive-Harvey College

March 4, 2021
Presenters

• Kimberly Hollingsworth, President
• Dr. Brandon Nichols, Vice-President Academic & Student Affairs
• Amanda Gettes, Executive Director – Strategic Initiatives
Agenda

- Seizing the Opportunities of Growing Demand
- Progress to Date
- Vision for Next Phase of Work
  - Violence Prevention Initiative
  - OHC on-site Greenhouse
  - Cannabis Research
- Urban Agriculture Department
Olive-Harvey College is preparing Chicagoans to seize opportunities in the fast-growing cannabis field and the opportunities continue to grow.

- By 2025, the largest state markets for legal cannabis are projected to be California, Florida, Michigan, Colorado and Illinois*
- Combined sales of legal cannabis in legalized states are projected to reach **$172 billion and will create more than 1.63 million jobs** between 2020-2025*
  - Illinois Current job market (2020): 9,000 jobs
  - Illinois Projected growth (2025): 63,000 jobs
- Many jobs are entry-level with specific training needed in cultivation, processing and retail for dispensing. **Careers include**: Grow technician, Extraction Agent, Processing tech, Patient Care specialist, Dispensary Retail Manager, Pharmacist, Community Advocate, Urban Agriculture technology, Greenhouse management
- Growth opportunities for management, ownership and research.
  - 4-year Universities are creating programs in Chemistry, Agriculture and Pharmacology

![Job growth in legal cannabis compared to the fastest-growing occupations in America, 2018-2028](chart)

*Source: New Frontier*
Our vision must be bold to seize the significant opportunities in this emerging market

• By 2025, Olive-Harvey College will serve as Chicago's leading partner for cannabis and urban agriculture education and a gateway to careers in this growing sector
• Equity & Education: Supporting equitable industry access and community mobility through education
• Research: Serve as hub for cannabis product research in partnership with area universities
To get there, we need to...

- Leverage social impact investment dollars
- State of the art teaching facilities in crop production, extraction, testing, formulation & packaging
- Public/private partnership

Develop a pipeline through partnerships with returning citizen organizations, restorative justice, reconnection hubs, and Chicago Public Schools

Cultivate diverse faculty leaders

Guarantee admission agreements with 4-year institutions
- Chicago State University
- Colorado State University
- Northern Michigan University
- Southern Illinois University

Career planning and placement with Cannabis industry partners

To get there, we need to...
Progress to Date
We have made great strides in the last two years

• Applied to State of Illinois and Illinois Community College Board Cannabis Vocational Pilot Program
• Greenhouse slated to be complete July 2021
• Dispensary Operations basic certificate
• Continuing education courses and workshops
• Fundraising tier structure put in place
We have received our first Social Equity Inclusion plan donation!

Cannabis Education at Olive-Harvey College

Social Equity – Trichome Sponsor
Amount: $100,000
• Select site placement on the Social Equity microsite for your company
• Your logo on the first page of our website for a period of 12 months
• A 120-word business summary on the sponsor page of our website for 12 months
• A link to your website on our website for a period of 12 months
• A plaque, dedicated to your company, at our annual conference
• An acknowledgment as a Social Equity Sponsor at the following events:
  • Social Equity sponsorship meeting
  • Social Equity conference
  • Social Equity event

Social Equity – Myrcene Sponsor
Amount: $5,000
• Social Equity Conference Sponsorship
• Social Equity Conference Attendee
• Social Equity Conference Presenter
• Social Equity Conference Volunteer

Social Equity – A-Pinene Sponsor
Amount: $2,500
• Social Equity Conference Sponsorship
• Social Equity Conference Attendee
• Social Equity Conference Presenter
• Social Equity Conference Volunteer

Social Equity – Limonene Sponsor
Amount: $1,500
• Social Equity Conference Sponsorship
• Social Equity Conference Attendee
• Social Equity Conference Presenter
• Social Equity Conference Volunteer

Small Business - Myrcene Sponsor
Amount: $5,000
• Social equity or Branded sponsorship to industry conference/expo
• 150-word business summary and link on sponsorship page of website for 12 months
• Announcement on social media

Small Business - A-Pinene Sponsor
Amount: $2,500
• Sponsor a student
• 75-word business summary and link on sponsorship page of website for 12 months
• T-shirts/swag
• Listed sponsor on website
• Announcement on social media

Small Business - Limonene Sponsor
Amount: $1,500
• 50-word business summary and link on sponsorship page of website for 12 months

Benefits include:
• Placement/Recruitment
• Scholarship
• Donation/Philanthropy
• Industry-leading Curriculum
• Advisory Council
• Mentoring
• Speaker Series/Culture/Climate Session
• Company logo on website
There is great momentum with our Cannabis Advisory Council

OHC Cannabis Community Partnership webpage

• Meets monthly, over 40 engaged partners, CBOs and local industry leaders since October 2019
• **5 Sub-Committees:** Education, Fundraising / Marketing, Restorative Justice, Workforce Development, Exploratory Group: Hemp and Research

• **Partners include:**
  • Illinois Women in Cannabis
  • Cabrini Green Legal Aid
  • Chicago NRML
  • Chicago State University
  • Chronic Tribune newspaper
  • City of Chicago Mayor’s Office
  • Cresco Labs
  • Elevated Education
  • Gromentum Lab
  • Grow Greater Englewood
  • Illinois Equity Staffing
  • Local 881 UFCW
  • Minority Cannabis Business Association
  • PharmaCann
  • Super Critical LLC
  • Team Human
  • Ex Cons for Community & Social Change

The mission of the Cannabis Studies program at City Colleges of Chicago is to educate the future workforce, activists, thought leaders and entrepreneurs in the Illinois cannabis industry and empower individuals who have been disproportionately affected by the war on drugs through restorative justice.
Workforce Equity Initiative success

• OHC awarded nearly $3M dollar workforce equity grant over two years to support unemployed and underemployed with securing short-term credentials

• Spearheaded cannabis program and funded initial startup costs: $359k~

<table>
<thead>
<tr>
<th>Cannabis Enrollment SP &amp; FA 20</th>
<th>Completers</th>
<th>Job placement*</th>
</tr>
</thead>
<tbody>
<tr>
<td>127</td>
<td>84</td>
<td>17</td>
</tr>
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</table>

*Participants placed in full-time employment with a wage of 30% or higher than the living wage in Cook Count
Future Vision and next phase of work
Prevent violence by providing wraparound services and free cannabis education certification to individuals with violence involvement who have cannabis records, allowing them to obtain a living wage in the legal cannabis market.

Short term goal – Spring 2021

• Spring cohort with 30 students participating in the Workforce Equity Initiatives program, funded through the Violence Prevention proposal.
Violence Prevention long term program "Still I Rise"

50 participants start June each year and includes transformative wraparound services for all participants.

- Community organization(s)
- Mentoring, mental health, expungement
- Academic supportive services

- Cannabis Education Basic Certificate
  - Responsible Vendor Training
  - Stipend, scholarship, paid WBL opportunity (4 week)

- Essential Skills training
  - OHC & local community workforce development organizations
Olive-Harvey College onsite greenhouse will provide hands on experience for all students in the Urban Agriculture department and community.

OHC will provide students the ability to analyze and test the plant with a state-of-the-art High Performance Liquid Chromographer (HPLC) onsite in our existing chemistry lab.

**Greenhouse Courses developed:**

Intro to Analytical Techniques for the Cannabis & Hemp Industries*

**Greenhouse Courses proposed:**

- Greenhouse Production
- Horticultural Research
- Horticultural Business and Entrepreneurism
- Urban Agriculture and Sustainability
- Hemp and Cannabis Equity in Production

*Developed ready for FA21
To operate the ICCB Community College Vocational Pilot license, we need to have THC plant touching opportunities for our students.

Per our agreement with Gromentum Lab Edu:

- Commercial cultivation grade equipment and agriculture technology
- Self-contained processing lab and extraction equipment to create an oil for product research
- Consumer Packaged Goods research with transportation compliance and security
- Point of Sale lab set up with Radio Frequency Identification and consoles, cash drawers and state dispensary software
Urban Agriculture Department
Olive-Harvey College plans to create an Urban Agriculture department to drive its academic programs, enterprise program and achieve its social equity goals.
# Planned academic pathways

<table>
<thead>
<tr>
<th>Adult Ed Bridge</th>
<th>Dual Credit / Enrollment</th>
<th>Career Core pathway</th>
<th>Transfer pathway</th>
<th>Continuing Education</th>
<th>Field Practicum</th>
<th>Greenhouse programming</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vocational Pilot program (VPP)</td>
<td>Coursework in Urban Agriculture, agribusiness, technology and more.</td>
<td>VPP BC Dispensary Operations BC Processing BC</td>
<td>Associate of Science (Urban Ag) &amp; Associate of Applied Science (Community Advocacy)*</td>
<td>Ancillary: Business and Entrepreneurship, Medical cannabis, Advocacy</td>
<td>Co-op with GroMentum Lab &amp; soft skill training</td>
<td>Research opportunities to produce, extract and sell CBD oil to partner Research University</td>
</tr>
</tbody>
</table>

* Articulation Agreement conversations started with Chicago State, Northern Michigan University, Colorado State University, Illinois State University
Questions or Comments

Thank you!