ENGAGING UNDERSERVED COMMUNITIES

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Value of Science: Data, Products & Use Conference

COLERIDGE INITIATIVE
Hello!

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Institute for Capacity Building
UNCF
HBCUs, PBIs, and minority students are at the heart of UNCF’s mission and priorities

**UNCF BY THE NUMBERS**
Since 1944, UNCF administers direct support to 37 member institutions, and has raised over $5B to advance minority education.

UNCF is the largest scholarship provider, outside the federal government, awarding close to 10,000 scholarships ($100M) annually.

UNCF scholarship recipients have a 70% 6-year graduate rate which is nearly 2x the rate of Black students nationwide.

**THE POWER OF THE NETWORK:**
activated network of leaders dedicated to elevating the voice of our community and empowering institutions through technology and data, collaboration, and agility

We envision a society where HBCUs:

- Are seen, valued, and supported for their innovation and ability to serve Black and minority populations.
- Strengthen their academic and business models to improve student outcomes.
- Empower each other as partners and collaborators in the success of Black students.

Source: UNCF 2018 Annual Report & 2019 Fact Sheet
Founded in 2006, UNCF’s Institute for Capacity Building works with partners to build capacity at institutions through a network improvement approach.

The success of the network as a whole depends on the success of each partner institution. And so, we are focusing on three core principles:

1. **Providing Programs and Services**

   Provide programs and services by partnering with institutions on strategies to improve their efficiency and effectiveness at serving students.

2. **Building Capacity**

   Prioritize activities that build the capacity of our partner institutions to provide high-quality educational experiences for their students and UNCF.

3. **Ensuring Self-Sustainability**

   Ensure self-sustainable operations through grant-funded, sponsored, or revenue-generating activities (including safeguarding unrelated business taxable income).

**Network Improvement Approach**

In a network improvement approach, we help share knowledge and best practices of our partner institutions so everyone can learn and benefit.

- Training and Development
- Capacity sharing
- Comprehensive Institutional Support
- Peer-to-peer sharing and learning
- Sustained Partnerships
- Ongoing analysis and assessment

Founded in 2006, UNCF’s Institute for Capacity Building works with partners to build capacity at institutions through a network improvement approach.
HBCUs are highly effective at serving excluded populations and overproduce relative to their better-resourced counterparts.

Many of the 300,000 students who attend HBCUs annually come from excluded communities and may not have gone to college if not for HBCUs’ unique, supportive environments.

### Differential Student Populations

Comparing HBCUs and their peers

**HBCUs enroll 2.1x more Pell-eligible (low-income) students**

<table>
<thead>
<tr>
<th></th>
<th>% of students that are Pell-eligible</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-HBCUs</td>
<td>35%</td>
</tr>
<tr>
<td>HBCUs</td>
<td>75%</td>
</tr>
</tbody>
</table>

### HBCUs Punch Above Their Weight

Although HBCUs account for 3% of all higher education institutions in the US, they...

- **Enroll 10% of Black students enrolled in college**
- **Award 17% of bachelor degrees to Black students**
- **Award 24% of STEM bachelor degrees to Black students**

### Social Mobility

Comparing HBCUs and their peers

HBCU graduates are **51% more likely** to move into a higher income quintile.

<table>
<thead>
<tr>
<th></th>
<th>% of students moving into higher income quintile</th>
</tr>
</thead>
<tbody>
<tr>
<td>HBCUs</td>
<td>53%</td>
</tr>
<tr>
<td>Non-HBCUs</td>
<td>35%</td>
</tr>
</tbody>
</table>

Source: UNCF; *Moving Upward and Onward: Income Mobility at Historically Black Colleges and Universities*, Nathansen et al. 2019; UNCF. Frederick D. Patterson Research Institute, *HBCUs Punching Above Their Weight*
Data is the currency of the future and the backbone of what and how society operates today...

- Cryptocurrency
- Block Chain
- Internet of Things
- Big Data
..but is it also contributing to increased inequity?
Within the context of the Black community, leveraging the power of big data becomes a necessary next frontier

<table>
<thead>
<tr>
<th>Educational Attainment</th>
<th>Unemployment</th>
<th>Incarceration</th>
<th>Wages and Income</th>
<th>Wealth</th>
<th>Health</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The college completion rate for Black people was/is</strong></td>
<td><strong>The unemployment rate for Black people was/is</strong></td>
<td><strong>The incarceration rate for Black people was/is</strong></td>
<td><strong>The median household income for Black people was/is</strong></td>
<td><strong>The median household wealth for Black people was/is</strong></td>
<td><strong>The infant mortality rate for Black people was/is</strong></td>
</tr>
<tr>
<td>56% less than white people</td>
<td>1.8x higher</td>
<td>5.4x more</td>
<td>1.7x less</td>
<td>7.1x less</td>
<td>1.9x more</td>
</tr>
<tr>
<td>54% less</td>
<td>2.3x higher</td>
<td>6.4x more</td>
<td>1.6x less</td>
<td>9.8x less</td>
<td>2.3x more</td>
</tr>
</tbody>
</table>

UNCF’s ICB has partnered with Excelencia and The Coleridge Initiative to catalyze a community of HBCUs and HSIs to leverage big data to achieve equity.
Leveraging Big Data to Achieve Equity, is designed to accomplish two complimentary objectives

1. Provide HBCUs and HSIs and their faculty with guided training and capacity building to enable production of critical research with confidential microdata

2. Enhance the research capacity of HBCUs and HSIs to inform the advancement of Black and brown populations in postsecondary education across the college to career pipeline
We hope that our pilot program becomes a model for engaging and advancing the use of big data in underserved communities.
Thank you!

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