TWENTY YEARS OF INVESTMENT IN AFRICAN HIGHER EDUCATION

Andrea Johnson
Program Officer, Higher Education and Research in Africa
First Ten Years of Corporation Higher Education Investment

- **In East and West Africa:**
  - Implementation of aspects of university strategic plans
  - Gender equity
  - Scholarships for women at the undergraduate level

- **In South Africa**
  - Partnerships between historically advantaged and historically disadvantaged universities
  - University transformation (UCT, UKZN, Wits)
  - Undergraduate scholarships for women in science and engineering
The Partnership for Higher Education in Africa

With the Partnership for Higher Education in Africa (PHEA), seven foundations convened to coordinate support for African higher education. Through PHEA, foundations supported:

- extensive work in information and communications technology (ICT)
  - access to bandwidth
  - e-learning initiatives
Corporation support for capacity strengthening was spread across higher education institutions in Ghana, Nigeria, South Africa, Tanzania and Uganda.

Table taken from ‘Accomplishments of the Partnership for Higher Education in Africa, 2000-2010,’ Susan Grant Lewis, Jonathon Friedman, John Schoneboom. 2010.

<table>
<thead>
<tr>
<th>University Grantee</th>
<th>Country</th>
<th>Total</th>
<th>% of Overall Carnegie Investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Dar es Salaam</td>
<td>Tanzania</td>
<td>$14,065,655</td>
<td>11%</td>
</tr>
<tr>
<td>Makerere University</td>
<td>Uganda</td>
<td>$13,536,500</td>
<td>11%</td>
</tr>
<tr>
<td>University of Cape Town (UCT)</td>
<td>South Africa</td>
<td>$10,283,062</td>
<td>8%</td>
</tr>
<tr>
<td>Obafemi Awolowo University</td>
<td>Nigeria</td>
<td>$7,049,800</td>
<td>6%</td>
</tr>
<tr>
<td>University of Jos</td>
<td>Nigeria</td>
<td>$6,350,000</td>
<td>5%</td>
</tr>
<tr>
<td>University of KwaZulu-Natal</td>
<td>South Africa</td>
<td>$6,313,173</td>
<td>5%</td>
</tr>
<tr>
<td>University of the Witwatersrand</td>
<td>South Africa</td>
<td>$6,268,599</td>
<td>5%</td>
</tr>
<tr>
<td>University of Education, Winneba</td>
<td>Ghana</td>
<td>$5,335,900</td>
<td>4%</td>
</tr>
<tr>
<td>University of Ghana</td>
<td>Ghana</td>
<td>$2,564,300</td>
<td>2%</td>
</tr>
<tr>
<td>University of the Western Cape</td>
<td>South Africa</td>
<td>$1,272,700</td>
<td>1%</td>
</tr>
<tr>
<td>Stellenbosch University</td>
<td>South Africa</td>
<td>$1,200,000</td>
<td>1%</td>
</tr>
<tr>
<td>University of Pretoria</td>
<td>South Africa</td>
<td>$1,150,000</td>
<td>1%</td>
</tr>
<tr>
<td>University of South Africa</td>
<td>South Africa</td>
<td>$1,086,100</td>
<td>1%</td>
</tr>
<tr>
<td>University of Johannesburg</td>
<td>South Africa</td>
<td>$1,000,000</td>
<td>1%</td>
</tr>
</tbody>
</table>
PHEA investments totaled $440 million over ten years. Carnegie Corporation committed $125.5 million, or roughly 29% of the PHEA total investment.

---

**Table taken from 'Accomplishments of the Partnership for Higher Education in Africa, 2000-2010,' Susan Grant Lewis, Jonathon Friedman, John Schoneboom. 2010.**

<table>
<thead>
<tr>
<th>Total Carnegie PHEA Investment</th>
<th>$125,509,354</th>
<th>% Carnegie Grants</th>
</tr>
</thead>
<tbody>
<tr>
<td>% of Total PHEA</td>
<td>29%</td>
<td></td>
</tr>
<tr>
<td>Individual foundation grantmaking</td>
<td>$113.5 mil</td>
<td>90%</td>
</tr>
<tr>
<td>Joint PHEA grantmaking</td>
<td>$12.0 mil</td>
<td>10%</td>
</tr>
<tr>
<td>Direct investment in African grantees</td>
<td>$100.0 mil</td>
<td>80%</td>
</tr>
<tr>
<td>Direct investment in 19 African universities and colleges:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Dar es Salaam</td>
<td>$77.1 mil</td>
<td>61%</td>
</tr>
<tr>
<td>Makerere University</td>
<td>$14.1 mil</td>
<td>11%</td>
</tr>
<tr>
<td>University of Cape Town</td>
<td>$13.5 mil</td>
<td>11%</td>
</tr>
<tr>
<td></td>
<td>$10.3 mil</td>
<td>8%</td>
</tr>
<tr>
<td>Major countries benefiting:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Africa</td>
<td>$37.0 mil</td>
<td>29%</td>
</tr>
<tr>
<td>Tanzania</td>
<td>$15.5 mil</td>
<td>12%</td>
</tr>
<tr>
<td>Nigeria</td>
<td>$15.0 mil</td>
<td>12%</td>
</tr>
<tr>
<td>Uganda</td>
<td>$14.1 mil</td>
<td>11%</td>
</tr>
<tr>
<td>Investment in enhancing women's opportunities in African higher education</td>
<td>$27.7 mil</td>
<td>22%</td>
</tr>
</tbody>
</table>
In 2008, the Corporation began a new portfolio to develop and retaining the Next Generation of African Academics (NGAA). NGAA works through:

- Institutional support
- Networks
- Fellowship programs

Investments in this portfolio to date total ~$98.6 million, supporting:
- 346 master’s degrees
- 581 doctoral fellowships, with 384 in the pipeline
- 581 postdoctoral awards
Corporation investments are concentrated in partner countries of Uganda, Nigeria, South Africa, Tanzania and Ghana.
The Corporation aims to strengthen postgraduate research, training and retention capacities of leading universities in South Africa, Ghana and Uganda. Support has enabled the universities to set up new, or strengthen existing programs, and to offer direct fellowship support and other opportunities to strengthen academic activities and productivity. The four institutional partners are:

- University of Ghana
- Makerere University
- University of Cape Town
- University of the Witwatersrand
Case Study: University of Ghana

Academic Faculty Status of Departments Targeted for UG-Carnegie Support (2010/2018)
The Corporation has launched, strengthened, and now supports several major networks in both the natural and social sciences on the continent:

- Regional Initiative in Science and Education (RISE)
- Consortium for Advanced Research Training in Africa (CARTA)
- Regional Universities Forum for Capacity Building in Agriculture (RUFORUM)

All of which, along with other investments in several African countries, are strengthening the academic pipeline by creating opportunities for advanced degrees and postgraduate advancements.
Case Study: Regional Initiative in Science & Education

Since its inception in 2008, the Regional Initiative in Science and Education (RISE) has been supporting students to obtain postgraduate training through the various science and engineering networks comprising RISE. Corporation investments in RISE total $17.4 million, supporting: 93 master’s, 95 PhD’s and 9 postdocs supported.

***As of July 2017
Fellowship Programs

Competitive fellowships also advance training and research through the direct provision of resources to African academics. As part of NGAA, the Corporation has invested in the following fellowship programs:

- American Council for Learned Societies, African Humanities Program (AHP)
- Social Science Research Council Next Generation
- King’s College, African Leadership Centre (ALC)
- International Foundation for Science
- University of Pretoria, Future Africa Institute
- University of Stellenbosch, African Doctoral Academy (ADA)
- Cambridge-Africa Partnership for Research Excellence (CAPREx)
The American Council of Learned Societies launched the African Humanities Program in 2008.

Fellowships are awarded on a competitive basis to scholars working in universities in Ghana, Nigeria, South Africa, Tanzania, and Uganda.

To date, AHP has awarded 107 dissertation fellowships and 299 postdoctoral fellowships across more than 60 African universities.
The Diaspora Linkages initiative connects African universities with academics with the goal of strengthening training and research on the continent.

Support for Academic Diaspora Linkages

- **Institute of Advanced Studies**
  - Science academies/policy pilot
  - $40K

- **CODESRIA**
  - Social Science and Humanities
  - $2.4M

- **Institute of International Education - CADFP**
  - Multi-disciplinary—50/50 STEM / SSH
  - $9.5M

- **University of the Witwatersrand**
  - Public health
  - Wits alumni
  - $0.6M

- **University of Ghana**
  - Multi-disciplinary
  - $1.35M

- **African Institute of Mathematical Sciences**
  - Math/ Research Chairs
  - $2.5M
Support for African Higher Education Policy

To advance higher education policies and practice, the Corporation supports efforts to generate and disseminate data-driven research and publications on Africa’s higher education sector, and build capacity for research management. Support in this subprogram has centered on:

- Research on higher education studies
- Data for decision-making
- Policy advocacy
Lessons from Experience

• African higher education is dominated by “adaptive” challenges more than “technical” challenges.

• Funding is necessary, but insufficient, to achieve the sectoral changes needed – but funding constraints all too often dominate the discussion

• Sustainability of higher education interventions depends to a large extent on ownership, which in turn depends on congruence between university and funder priorities
Thank you!