Achieving Distinction

A collaborative strategy to impact and influence quality of life

Presentation to the Board of Trustees
Mike Sherman, Provost
September 19, 2012
Vision 2020 Implementation

Ensuring Academic Excellence
(Capacity/Excellence Assurance)

✓ Academic program review
✓ Reallocation within/across units
✓ 18 month timeframe

Achieving Academic Distinction
(Strategic Investment)

✓ Interdisciplinary innovation
✓ Budget process allocation
✓ 10 year timeframe

Achieve Aspirational Goals and Student Academic Success
Educated Workforce + Innovation = Economic Development

**Regional Solutions**
- Urban Issues
- Education

**Partners:** UPA, APS, SEI

**Health Care & Medicine**
- Community Health/Accountable Care
- Clinical Research/Simulation

**Partners:** ABIA

**Human Condition**
- Societal Issues
- Arts and Culture

**Partners:** UPA, APS, Akron Art Museum, Social Agencies

**Innovative Technologies**
- Advanced Materials & Devices
- Advanced Energy

**Partners:** ABIA, Industry

**Academic Excellence**

**Entrepreneurship**

**Achieving Academic Distinction Through Strategic Investment**

Connectivity for Economic Vitality
Achieving Academic Distinction Through Strategic Investment

Sustain our Success

12 faculty + 4 staff → 10 years → 120 faculty and 40 staff

~0.5% General Funds Allocation → 10 years → ~5% General Funds Allocation
Achieving Academic Distinction Through Strategic Investment

Principles for Success

✓ Contribute to programs across disciplines and/or colleges
✓ Enhance diversity of people, thoughts, and perspectives
✓ Shared resources (e.g., instrumentation)
✓ Teaching and research priorities must span multiple units
✓ Impact on student success and academic excellence
✓ Availability of funding: federal/state/industry, college/department, or vital partners
✓ Transparency and accountability of central funding pool
2012 Achieving Distinction
Funded Research

1 school
5 colleges
18 partners
45 faculty
2012 Achieving Distinction Funded Research

- **Biomimicry Research and Innovation Center**
  - **Purpose:** Create sustainable innovation through technologies inspired by the natural world
  - **Funding:** $4.25M over two years

- **Proof-of-Concept Framework + Center for Intellectual Property and Entrepreneurialism**
  - **Purpose:** Create a seamless framework for investment and support of patentable creativity
  - **Funding:** $2.25M over two years
# 2012 Achieving Distinction

## Funded Research

### Biomimicry Research and Innovation Center

**Lead Principal Investigators:**
- Ali Dhinojwala
- Matthew Kolodziej
- Francis Loth
- Peter H. Niewiarowski

**Deans:**
- Stephen Cheng
- Chand Midha
- George Haritos

### Proof-of-Concept Framework + Center for Intellectual Property and Entrepreneurialism

**Lead Principal Investigators:**
- Steven R. Ash  Darrell H. Reneker
- Jae-Won Choi  William H. Schneider IV
- Sadhan Jana  Jeffrey M. Samuels
- Kye-Shin Lee  Jiang John Zhe
- Dale H. Mugler  Robert E. Chalfant
- James T. McHugh

**Deans:**
- Elizabeth Reilly
- Stephen Cheng
- Ravi Krovi
- Chand Midha
- George Haritos