Vision & Mission (Unchanged)

<table>
<thead>
<tr>
<th>VISION</th>
<th>To establish the state of Ohio as a global hub for development, application and study of translational data analytics solutions.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MISSION</td>
<td>To create and apply data analytics solutions to issues of global importance in partnership with the external community, while advancing foundational data science theories and methods.</td>
</tr>
</tbody>
</table>
Goals (Proposed - Feb 2017)

| Research & Innovation | Enable world class innovation in translational data analytics by providing physical and virtual collaboration hubs.  
| Expand the university’s translational research portfolio and its impact by organizing and sustaining requisite faculty communities-of-practice (CoPs), data assets, funding pursuits, and industry partnerships while strengthening the foundations of data science.  
| Establish norms and guidelines to sustain interdisciplinary scholarship for TDAI faculty affiliates. |

| Teaching & Learning | Coordinate academic programming in data analytics and assist with new program development throughout the university.  
| Expand the workforce capable of delivering translational data analytics solutions, augmenting academic programs with professional and skills development opportunities. |

| Outreach & Engagement | Develop externally responsive translational data analytics solutions that have demonstrable societal significance and large global impact. |

Goals (Revised – Apr 2019)

To create a highly differentiated and impactful brand that is recognized as...

| Research & Innovation | ... A top 5 institute for data science and analytics research/innovation nationally, differentiated by an emphasis on translational outcomes and a central, cross-cutting presence on campus that supports a diverse intellectual community. |
| Teaching & Learning | ... A regional hub of workforce development and innovative academic programs in data science and analytics. |
| Outreach & Engagement | ... An active partner with external stakeholders in ventures that strongly align with Ohio State’s land grant agenda. |
| Resource Stewardship | ... A model for sustainability and operational efficiency. |
Pattern of Administration (Proposed - Feb 2017)

Pattern of Administration (Revised – April 2019)
## Evaluative Criteria (Proposed - Feb 2017)

### Financial Performance
- **Objectives:**
  - Establish strategic partners: Relationships; 5 sponsored
  - Develop philanthropic gifts: No. of initiatives; 5 giving
- **Measures:**
  - Financial performance: [proposals, awards, publications]
  - Vision & Strategy: [strategic initiatives, partnerships]

### Customers and Stakeholders
- **Objectives:**
  - Outreach & engagement: Events, networks, alliances
  - Teaching & learning: Courses, programs, student enrollment, placement
  - Reputation & visibility: Publicly available; research, media, website
- **Measures:**
  - Vision & Strategy: [educational initiatives, partnerships]
  - Growth & Transformation: [initiatives, peer recognition]

### Internal Business Processes
- **Objectives:**
  - Recruit superior talent: Offers; new & affiliated faculty
  - Engage existing faculty: Seed grants, formation of collaborations
- **Measures:**
  - Data Community: Data Exchange
  - Vision & Strategy: [internal processes, initiatives]

## Evaluative Criteria & Progress (Revised - April 2019)

### Implementation Initiative | Metric | Current Progress | Year 1 Target | Year 2 Target
---|---|---|---|---
**Research & Innovation Goal:** To create a highly differentiated and impactful institute that is recognized as a top 5 Institute for Data Science and Analytics results/innovation nationally, differentiated by an emphasis on translational outcomes and a strong, cross-cutting presence in society.

**Internal Resources:**
- Data Community in Data Commons
- Proposals in Data Commons
- Prospects using hiring labs
- Experts consulting

**External Funding:**
- Proposals
- Funding awards
- Funding awards
- Publications

**Regional & Global Impact:**
- TBD
- TBD
- TBD
- TBD

**Teaching & Learning Goal:** To create a highly differentiated and impactful program that is recognized as a regional leader of workforce development and innovative academic programs in data science and analytics.

**Academic Programming:**
- Professional Science Masters Program in Translational Data Analytics (PSM/ADA)
  - Milestone: 2022 launch
  - Students enrolled/year
  - Graduate completion rates

**Academic Programming:**
- Certificate Program in Data Analytics
  - Milestone: 2022 launch
  - Students enrolled/year
  - Certificate completion rates

**Workforce Development:**
- Training grants awarded
- Non-credit training
- Credit training

**Student Engagement:**
- Professional service awards
- Student projects
- Faculty mentors

**Faculty Directed Research Projects:**
- Milestone:
  - 2022 launch
  - 10 projects
  - 2 companies or organizations

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Translational Data Analytics Institute
### Evaluative Criteria (Revised - April 2019; cont’d)

<table>
<thead>
<tr>
<th>Implementation Initiative</th>
<th>Metric</th>
<th>Current Progress</th>
<th>Year 1 Target</th>
<th>Year 2 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Outreach: Data Science for Women Summer Camp</td>
<td># students or schools</td>
<td>10 students or 0 schools</td>
<td>35 students annually</td>
<td>10 schools</td>
</tr>
<tr>
<td>Educational Outreach: Tech the Educator</td>
<td># teachers or # schools</td>
<td>15 teachers or 1 school</td>
<td>25 teachers or 3 schools</td>
<td>35 teachers or 4 schools</td>
</tr>
<tr>
<td>Educational Outreach: TDA Extension</td>
<td># district-level offices involved in a program</td>
<td>10 districts</td>
<td>20 districts</td>
<td>30 districts</td>
</tr>
<tr>
<td>Educational Outreach: Tools training sessions</td>
<td># teachers or # training modules</td>
<td>10 teachers or 1 training module</td>
<td>20 teachers or 2 training modules</td>
<td>30 teachers or 3 training modules</td>
</tr>
</tbody>
</table>

### Resources/Ownership Goals

- **Philanthropic Fundraising**: $100,000 annual giving
- **New Revenue Sources**: Annual Income, Research
- **Institute Oversight**: Advisory Boards
- **Academic Board** (Board of Directors)
- **External Advisory Board**
- **P&F Advisory Board**

### Progress: Research & Innovation

- **$68 million NIH HEAL grant submitted**
  - Partners include: OSU faculty in 4 colleges, Alliance Recovery, Case Western Reserve University, Nationwide Children’s Hospital, Office of the Governor, and the Ohio Department of Health
  - Funding: $68 million

- **$10 million NSF Expeditions grant submitted**
  - Partners: ACCAD, CEMAS, Colleges of Arts and Sciences, Engineering, Medicine, and Optometry

- **$5.6 million MRI grant submitted**
  - Partners: Major Research Instrumentation of Engineering and Medicine

- **$4.5 million CRI grant submitted**
  - Partners: Colleges of Arts and Sciences and Engineering, Ohio Supercomputer Center, Wexner Medical Center

- **$1.8 million DoD grant received**
  - Partners: Purdue University, Stanford University, and Stanford Research Institute

- **$5 million**
  - Prequalification won for future State of Ohio task orders; one of only two of the 82 applicants to win all 14 domains
  - Partners: 60 faculty, 22 centers and labs, 6 industry partners

- **$1 million NSF HDR grant submitted**
  - Partners: Columbus State University, Michigan State University, Shawnee State University, Ohio University, the Ohio State University, and University of Michigan

- **$900,000 NSF Spoke grant received**
  - Partners: Cover My Meds, Hewlett Packard Enterprise, Nationwide Children’s Hospital, and University of Chicago, Wright State University
Progress

Teaching & Learning

Professional Science Master’s Program in Translational Data Analytics

**Partners:**
- ACCAD, ASC, COE
- Business Higher Education Forum (BHEF)
- ~40 businesses, govt agencies, non-profits

$875,000
Internship Program for Industry Partner

Outreach & Engagement

TechLife - TDAI
Industry/Student Networking Event

Data Science for Women Summer Camp

**Sponsorships for:**
- Big Data & Analytics Student Association
- DataFest
- OH/O Hackathon

Resource Stewardship

Data Commons

>$3.58 million
in corporate philanthropic gifts

Foundational Partnerships

Pomerene Hall rentals

Translational Data Analytics Institute