

Master of Science in Data Analytics

Program Update

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Industrial Engineering and Management Systems Department



UCF

Vision

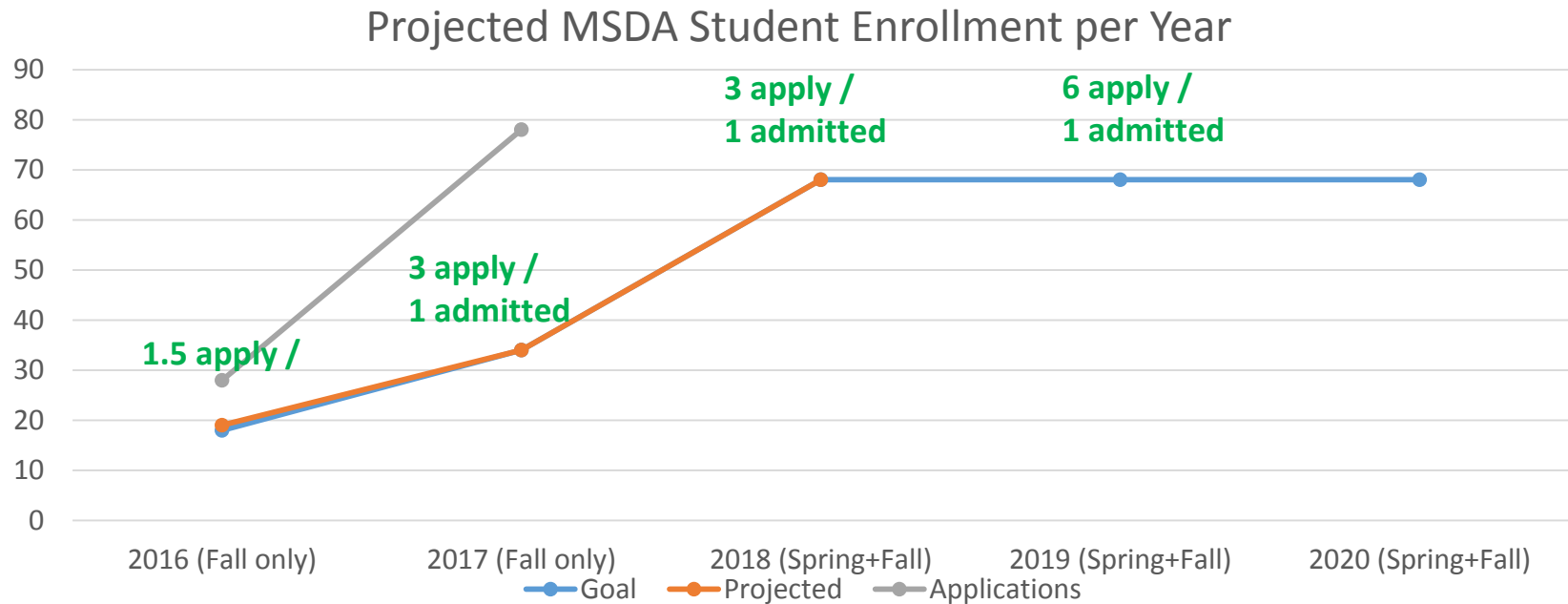
- Thriving **Innovation Ecosystem** in the area of **Big Data Analytics**
 - Academic programs
 - Research Centers, Labs
 - Venture Capital Funds
 - Startups
 - Large Corporations
 - Legal Infrastructure
 - Policy support



Program Goals

1. Achieve **international prominence** in teaching Big Data Analytics
2. Make our **partnerships** with industry the **cornerstone** of the program

MSDA Projected Growth: Quantity + Quality



Cohort Characteristics Continued

Average time working post-bac: 7 years

STEM fields

Companies represented:



Fall 2017 Metrics

- Fall 17 applications: 78 (deadline July 2017)
- Fall 17 accepted: 44
- Fall 17 capacity: 34

- Spring 2018 cohort rollout: growing fast!

Capstone: big data analytics intrapreneurship

- Based on I-Corps (Lean Startup)
 - Product Market fit of new revenue streams and products
 - Need mentors, teaching team member experts
- Build an big data analytics minimum viable product
 - Big Data Maker Space on campus
- Story telling
 - Present results to upper management



Big Data Maker Space

- Visible place at UCF campus
- Focus on big data education
- Focal point of knowledge and technologies for big data
- Access to big data technologies: Cloudera, AWS, Azure, Hadoop clusters, Spark, R, python libraries, SAS, SPSS, etc.
- Access to big data technical experts in residence
- Assist : MSDA Capstone, MSDA courses, all students and innovators on campus

MSDA Advisory Board

Seeking Chief Data Officers / Chief Data Scientist

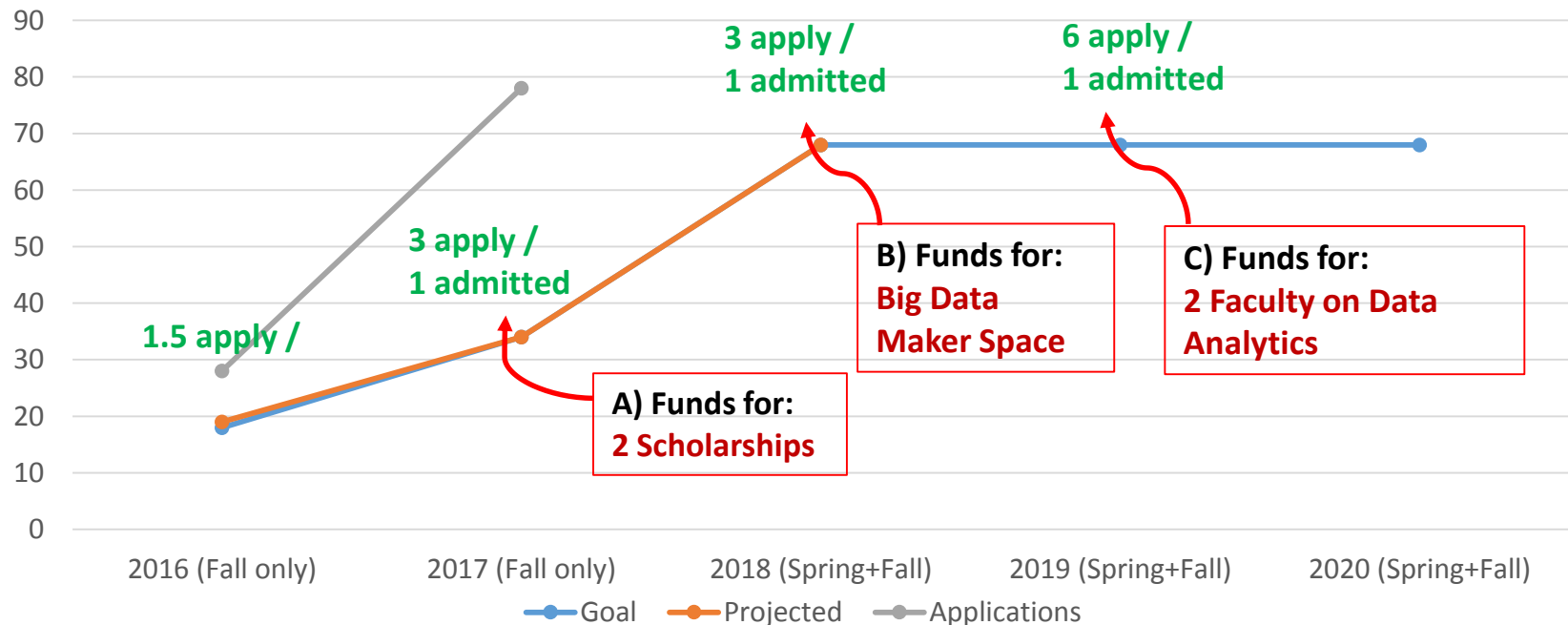


New MSDA Associate Director: Mr. Dan Eilen



Investing in the MSDA: Philanthropic Opportunities

Projected MSDA Student Enrollment per Year





Thank you!

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Cohort Characteristics

Active students: 19

Average Quant GRE: 157

Average Verbal GRE: 158

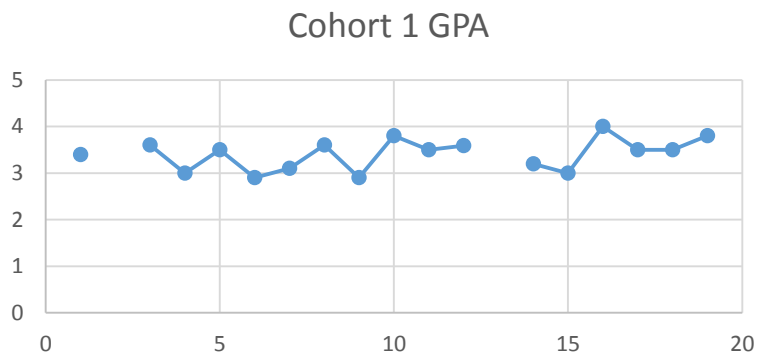
21% have graduate degrees

Average GPA: 3.4

73% Domestic

84% have STEM undergrad

37% come from Florida Schools



The Pitch

- Students
 - Fall Application Deadline: July 15th
 - Possibly Opening a Spring Cohort (34 more students per year)
 - We are happy organize information sessions
- Scholarships
 - Seeking to fund two scholarships
- External Advisory Board Members