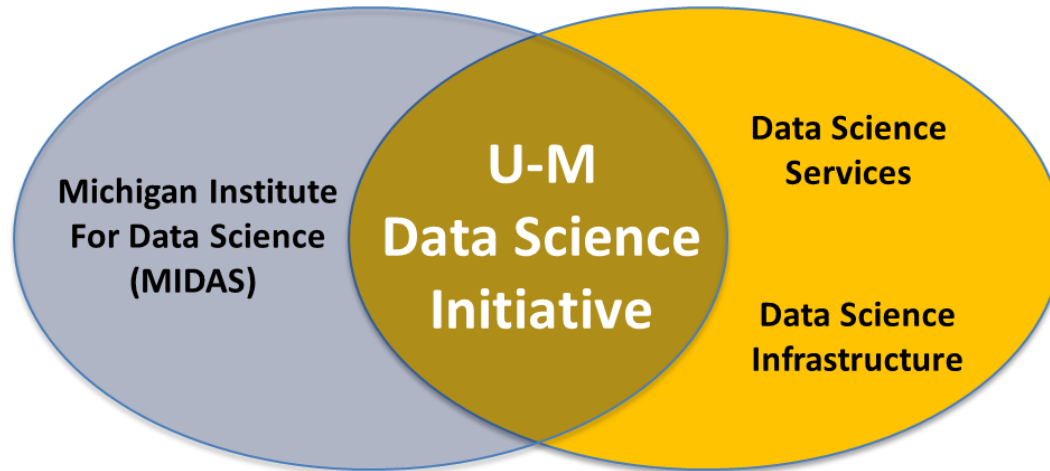


The Michigan Data Science Initiative



**Challenge thrust information and teaming meeting
Data Science for Transportation
November 10, 2015**

**Al Hero and Brian Athey
Co-Directors, MIDAS
Eric Michielssen, AVP ARC**

Agenda

- ✓ MIDAS Challenge Solicitation (Al Hero, Brian Athey)
- ✓ Potential Industry Partners (Carrie Morton, MTC)
- ✓ Available Data Sets (Carol Flannagan, UMTRI)
- ✓ Data Science Services (Kerby Shedden, CSCAR)
- ✓ Data Science Infrastructure (Brock Palin, ARC-TS)
- ✓ Networking Reception

Staging of challenge RFPs

Timeline	Challenge Thrust
Fall 2015	Transportation, Learning Analytics
Winter 2016	Personalized Medicine and Health, Social Sciences
Fall 2016	Transportation, Learning Analytics
Winter 2017	Personalized Medicine and Health, Social Sciences

MIDAS plans to fund a total of 8 proposals

- Evenly split over the 4 challenge thrusts
- Multi-disciplinary teams
- Funded at approximately \$1.25M over 3 years
- 50% cost sharing between UMOR and units

Fall 2015 RFP Timeline

Date	Challenge Thrust
Oct 6 2015	RFPs disseminated
Oct 6 – Nov 30	Hold town hall information sessions
Nov 30	White papers due with 2 week down selection
Jan 18 2016	Full proposal due
Feb 15	Awards announced

Challenge RFPs - White Paper Requirements

No longer than **5 pages** (excluding budget and bios)

- P1. Title page with proposed project title, DSI Thrust designation, project abstract, names of co-PI's and contact information for the lead PI.
- P2-P5. Technical description. Problem to be addressed and technical approach to solve problem. Nature of data to be collected/analyzed/managed. Methodology to be applied and analytical tools to be used or developed. Data Science Services and computational infrastructure to be used. Description and justification of team, including partners from industry or other institutions (cannot be part of budget). Expected impact of research resulting from the project.
- Draft budget of approximately \$1.25M total over three years broken down yearly.
- One page bios of each co-PI.

Challenge RFPs - White Paper Requirements

The Associate Deans for Research (ADR) of all colleges or schools in which the coPIs and senior investigators hold their primary appointments should be sent a copy of the white paper.

MIDAS Challenge Solicitation Summary

- ✓ Full details available at midas.umich.edu/rfp
- ✓ Requests for Proposals
- ✓ Introduction to MIDAS RFPs presentation
- ✓ Domain specific presentations on Transportation
- ✓ Link to online White Paper Submission page

Whitepaper Submission Deadline: November 30, 2015

Brief Presentations on

- ✓ Potential Industry Partners (Carrie Morton, MTC)
- ✓ Available Data Sets (Carol Flannagan, UMTRI)
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