

# Data and Decision Sciences Destination Area 'Problem Day'



## Problem

How can Virginia Tech leverage its industry partners, such as Deloitte, through its new Data and Decision Sciences (DADS) Destination Area to tackle some of the most challenging industry problems and enhance the VT student experience

### Sample Agenda (*subject to change*):

Friday, April 13<sup>th</sup> 8:00 AM – 12:00 PM  
NCB 320

Time	Activity
8:00-8:30	Breakfast and meet-and-greet
8:30-9:00	Kickoff (overview of the day and the problem at hand)
9:00-10:00	Review 3-4 industry spotlights and perform an interactive activity to identify the most challenging analytics problems being faced
10:00-10:15	Break
10:15-11:15	Breakout sessions focusing on research, curriculum, partnerships, etc.
11:15-12:00	Set tangible goals and action items for achieving desired outcomes

### Confirmed Attendees

#### Virginia Tech

College	Attendees
<i>Pamplin</i>	<ul style="list-style-type: none"> <li>Robin Russell, Professor &amp; Department Head, BIT</li> <li>Cliff Ragsdale, Professor of BIT, CBIA Academic Director</li> <li>Michelle Seref, Asst. Professor of BIT</li> <li>Jay Teets, Assoc. Collegiate Professor of BIT</li> </ul>
<i>Engineering</i>	<ul style="list-style-type: none"> <li>Chris North, Professor of CS, Discovery Analytics Center</li> <li>Luke Achenie, Professor of Chemical Engineering</li> <li>TBD</li> </ul>
<i>Science</i>	<ul style="list-style-type: none"> <li>Mark Embree, Professor of Mathematics and Director of CMDA</li> <li>Suqin (Sue) Ge, Associate Professor of Economics</li> <li>Sally Morton, Dean of Science and Professor of Statistics</li> <li>Jennifer Van Mullekom, Associate Professor of Practice in Statistics</li> </ul>
<i>Other</i>	<ul style="list-style-type: none"> <li>Tom Ewing, Associate Dean of CALHS and Professor of History</li> </ul>

#### Deloitte

<i>Deloitte</i>	<ul style="list-style-type: none"> <li>Dane Harrington (facilitator)</li> <li>Greg Donahoe (recruiting sponsor)</li> <li>Devin Weller (insight studio)</li> <li>Ben Brede (industry spotlight)</li> <li>Rob Torpey (Analytics @ VT lead)</li> <li>Carolyn Potter (CBIA champion)</li> </ul>
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# Virginia Tech DADs ‘Problem Day’

## Agenda and Intended Outcomes

April 13, 2018

Friday, April 13 <sup>th</sup> , 2018: 8 am – 12 pm Location: Virginia Tech, New Classroom Building (NCB) – Room 320		Facilitator
8:00 – 8:30 (30 min)	<b>Breakfast/Meet and Greet</b> <ul style="list-style-type: none"> <li>Breakfast in the lobby (no food allowed in NCB classroom)</li> <li>Breakfast will be provided!</li> </ul>	N/A
8:30 – 9:00 (30 min)	<b>Kickoff and Goal Setting</b> <ul style="list-style-type: none"> <li>Introductions (Virginia Tech and Deloitte)</li> <li>Review goals/intended outcomes for each participant</li> </ul> <p><b>Intended Outcome:</b> Set tangible goals and intended outcomes for the day</p>	Ben Brede
9:00 – 10:00 (1 hr)	<b>Industry Spotlight</b> <ul style="list-style-type: none"> <li>Review the current state of analytics in the marketplace</li> <li>Highlight several Deloitte key analytics projects</li> <li>How do you become the analytics practitioner of tomorrow?</li> </ul> <p><b>Intended Outcome:</b> Entire room has a baseline understanding of the analytics marketplace and what are the most important skillsets of a data analyst</p>	Devin Weller
10:00 – 10:15 (15 min)	Break	
10:15 – 11:15 (1 hr)	<b>Breakout Session 1: How do we Solve the next Data Analytics Challenge?</b> <ul style="list-style-type: none"> <li>Explore different avenues/mediums of partnerships for research</li> <li>What are ways we can use the cross-college destination area construct to solve these problems?</li> </ul> <p><b>Intended Outcome:</b> How can Virginia Tech and Deloitte anticipate, identify, and solve the future problems in the analytics realm?</p>	Marco Leung
	<b>Breakout Session 2: How do we build the Next Generation of Data Scientists?</b> <ul style="list-style-type: none"> <li>Identify the five most important skills of a data analysts</li> <li>Map skills to existing classes and majors</li> <li>Identify gaps and opportunities for industry input</li> </ul> <p><b>Intended Outcome:</b> Identify the most important skillsets for data scientists of tomorrow to master and set tangible opportunities for industry to support VT</p>	Dane Harrington
11:15-12:00 (45 min)	<b>Debrief and Recap</b> <ul style="list-style-type: none"> <li>Debrief the breakout sessions to the larger group</li> <li>Recap the day and set tangible action items and owners</li> <li>Feasibility and Impact –prioritization effort</li> </ul> <p><b>Intended Outcome:</b> Wrap up the day with tangible next steps and an energy to go forward and deliver on them!</p>	Dane Harrington
noon onward	Lunch will be provided in the lobby for those attendees that can stay before we break for the day!	

Note: participants will choose one breakout session to attend