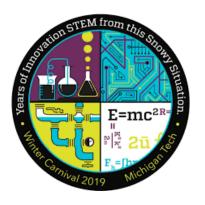# DATA REVOLUTION AND SENSING TASK FORCE
and
NEW COLLEGE PLANNING

UNIVERSITY SENATE
FEBRUARY 6, 2019

MEMBERSHIP AND TASKS

- Task Force membership has stabilized at 25. All task force members are excited about the opportunities for Michigan Tech, and cognizant of the anxiety created by the possibility of disruption and change.

- Two separate tasks:

  - Planning for new college. Goal: proposal to provost and president, who in turn will make a proposal to Board of Trustees. Start date July 1, 2019.

  - Proposal to invest $200k/yr for 5 years. This is part of the 9 Tech Forward initiatives.

VISITS AND PHONE CALL

- Visits

  - Rochester Institute of Technology, January 23. Dan Fuhrmann, Zhenlin Wang, and Adrienne Minerick.

  - MIT Schwarzman College of Computing launch event, February 27-28 (upcoming). Adrienne Minerick, Laura Brown, Keith Vertanen.

- Phone call

  - MIT Dean of Engineering, Anantha Chandrakasan, January 25, Rick Koubek, Dan Fuhrmann, Zhenlin Wang, Adrienne Minerick.

WHAT WE KNOW AND DON'T KNOW

- What we know:

  - The new college will include the Department of Computer Science and the SoT programs in Computer Network and System Administration and Medical Informatics.

  - Adrienne Minerick will be the first dean, for 1-2 years.

- What is practically certain:

  - The new college will host the MS in Data Science program and the PhD in Computational Science and Engineering program, and will take responsibility for high-performance computing resources.

- Everything else is the subject of discussions this month.

GETTING DOWN TO BUSINESS

- We are now at the point of crafting a vision: not for a new college of computing, but for a ***Michigan Tech which is made stronger by having a college of computing.***

- We are starting to propose and discuss all the various scenarios for what may or may not be included in the new college.

- We will be open and transparent throughout the process, engaging the entire campus community and in particular the University Senate.

FACILITATED CONVERSATIONS FEB 13-15

- Pavan Muzumdar, CEO of Automation Alley, will be on campus next week to facilitate a series of meetings with:

  - College of Engineering / Engineering Council
  - College of Sciences and Arts / College Council
  - CS Department
  - ECE Department
  - Math Sciences Department
  - CNSA/MI Programs
  - Dean Johnson/Andrew Storer
  - Others?

TECH FORWARD TIMELINE (TASK 2)

- February 28: first pitch to Board of Trustees (5 minutes, 2 PowerPoint slides)

- April 15-19: second pitch to review committee (5 PowerPoint slides + written proposal)

- There are some other campus-wide activities planned in April

- A review committee of four, two from President's Council and two from University Senate, will choose 5 of the 9 initiatives for funding beginning Fall 2019. The remaining 4 will begin Fall 2020.

Questions?