

We Dig Research 3/12/2021

Mike Gosnell

Assistant Teaching Professor

CS Department

BUT WAIT, THERE'S ~~MORE~~ (at least RELEVANCE!)

Today's focus: CS Capstone Course Opportunities

Challenge

- CS Capstone BIG enough?
 - Single-Semester
 - Student-Centric
- Resources
 - Funding
 - Inputs vs Outputs

Opportunity

- CS Capstone Projects
 - Increased Scope
 - Internal (CS)
 - Internal (Campus)
 - External (Industry)
 - Multi-Semester
 - Non-student Customers
- Research
 - Cheaper Resources
 - Extended Capabilities
 - Cross Campus Collaborations

Examples

- CS Cyber Physical Game
- Some Tools for Assisting Ramsey Research (STAR)

- Miner Motorcycle Design Team
- Mars Rover Spectroscopy

- Rolla Community Partnership
- The Mission

Explore your Opportunity

- Mike Gosnell
- mrghx4@mst.edu mgosnell@mst.edu
- CS 324