

iSchool Assembly

December 3, 2021



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STUDIES

Agenda

- Call to order
- Review and approval of minutes from Friday, September 3 meeting
- Review and approval of this agenda
- Dean's Update [Keith]
- Info Challenge 2022 [Kathy]
- iConsultancy Recruiting [Bill / Andy]
- Update on the undergrad general education proposal from the Diversity and Equity Task Force [Bill / Eric]
- Announcements
- Adjournment



Dean's Update

Keith Marzullo



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Info Challenge 2022

Kathy Weaver & Donal Heidenblad



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Information Challenge Initiative

Kathy Weaver - Creator and Director
Donal Heidenblad - Co-Director



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Info Challenge 2022 - February 26 - March 5, 2022

- New for INFO Challenge
 - 3 tracks (2 new)
 - Data Analysis
 - **Cybersecurity**
 - **Design**
- Academic Institutions Attending
 - UMD
 - US Naval Academy
 - UMBC
 - Montgomery College
- <https://infochallenge.ischool.umd.edu/>



Info Challenge 2022 | February 26 - March 5, 2022

- Kick-off Day | February 26, 2022 | 11am - 3pm
 - Student teams and mentors conduct initial analysis on chosen project
 - Talks from Dataset and Challenge providers
 - Workshops from Data Science Advisors
 - Where do we start?
 - Initial analysis
 - Python | MatLab | Tableau | ArcGIS
- Showcase and Judging Day | March 5, 2022 | 10am - 4pm
 - Student teams present to panels of judges | 10am-2pm
 - Showcase event for data enthusiasts, friends and family | 2-3pm
 - Awards ceremony | 3-4pm



IRSEC

INFO CHALLENGE SUMMER CAMP



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Info Challenge Summer Camp 2021 - July 26 - 30, 2021

- 13 Students from Prince George's and Montgomery Counties
 - Rising juniors and seniors
- Format: 5-day forum, all day long activities
 - Students participate in workshops:
 - Where do we start?
 - Initial analysis
 - Tableau
 - Presenting to judges
 - Final day: Showcase and Judging Day
 - Student teams present to panels of judges
 - Showcase event for data enthusiasts, friends and family
 - Awards ceremony

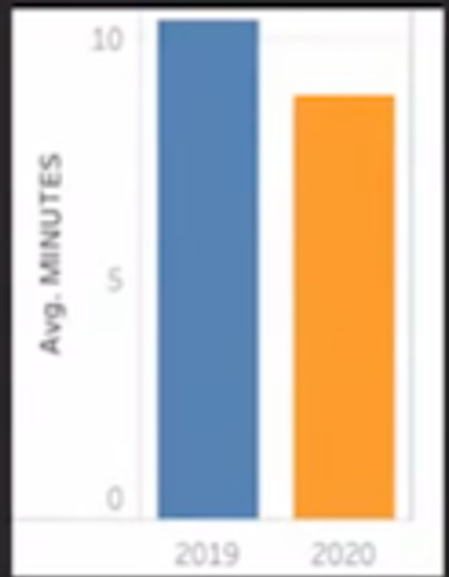
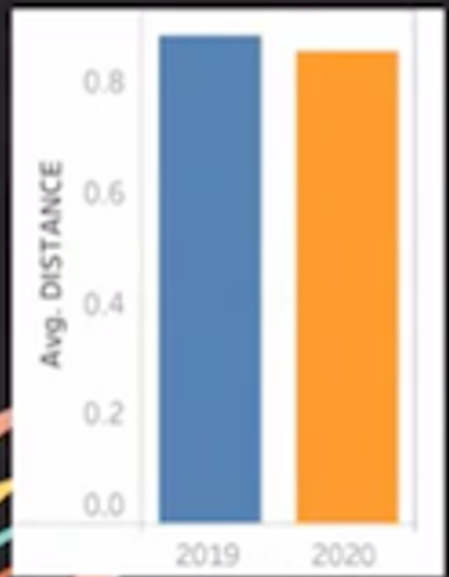


Summary of Team 1 E-Scooter Analysis

- Used at late hours
 - Addition of emergency button on handle
 - Prevents rider from having to access phone in emergency
- Popularity of e-scooters is set to increase
 - Impact on transportation industry will grow
 - People are tending to rides bikes less and scooters more
- Used in all weather
 - Should be waterproof to protect in rain
- Environment safe practices should be continued
 - Sets standards for industry
 - Swappable battery system
 - Shorter pickup and drop-off routes
 - Investing in smaller town and cities



Speed Increase

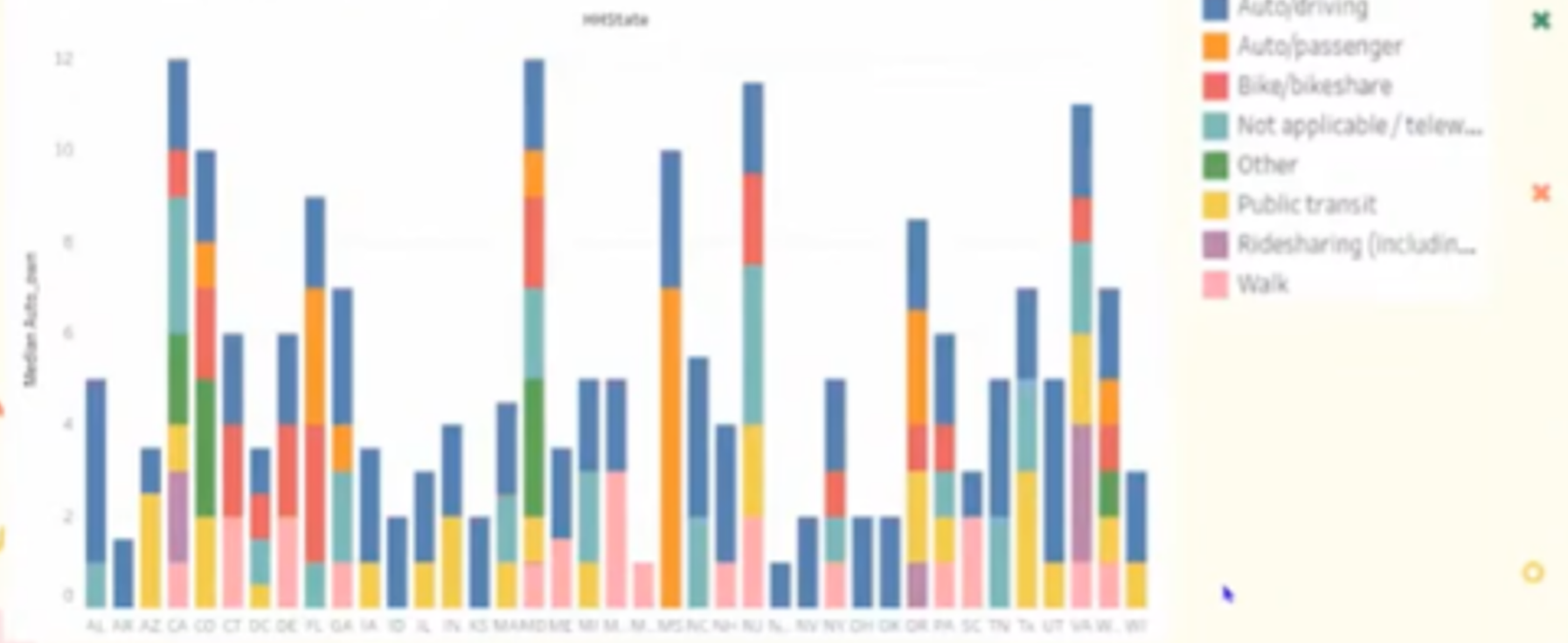


Avg 5.12 MPH in 2019
Avg 5.83 MPH in 2020
14% increase in speed



Changes in Transportation (Before)

Transit Mode Before COVID-19



Info Challenge Summer Camps 2022

- Weekly Formats:
 - 1 in-person | UMD Campus | 50 Students | July 18 - 22, 2022
 - ICSC22 Prince George's, Anne Arundel, Montgomery, Howard Counties
 - Campus tours
 - Dining experiences
 - Talks from advisors
 - 1 virtual | Local high school libraries | 50 Students | July 25 - 29, 2022
 - ICSC22 Allegany, Calvert, Garrett, and Somerset Counties
 - Virtual campus tours
 - Lunch deliveries
 - Talks from advisors



iConsultancy Recruiting

Bill Kules



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Update on Undergrad Gen Ed Proposal (from Diversity and Equity Task Force)

Bill Kules and Donal Heidenblad



Announcements

- APT Meeting follows immediately

