iSchool Assembly

December 3, 2021
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
Info Challenge 2022

Kathy Weaver & Donal Heidenblad
Information Challenge Initiative

Kathy Weaver - Creator and Director
Donal Heidenblad - Co-Director
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/](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
ICSC
INFO CHALLENGE SUMMER CAMP
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

- Auto/driving
- Auto/passenger
- Bike/bikeshare
- Public transit
- Ridesharing (including...)
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
Update on Undergrad Gen Ed Proposal (from Diversity and Equity Task Force)

Bill Kules and Donal Heidenblad
Announcements

• APT Meeting follows immediately