

CfDC March Meeting Agenda

- Introductions
 - Done in the chat
- Opening quotation
 - “My disability exists not because I use a wheelchair, but because the broader environment isn’t accessible.”- Stella Young
- Agenda
 - A Dream Coming into Focus
 - Link to the slides:
<https://docs.google.com/presentation/d/15DiKUV5Ae5Wc6wW9QmxH3X6GTZsTAYs8HgsZcYvgFSw/edit?usp=sharing>
 - Has been at the University of Michigan most of his career
 - Mentors
 - Avedis Donabedian- Father of healthcare quality assurance.
 - Work as equal to equals
 - The eye health institute
 - Working with groups but leaving a community without follow-up
 - Then the program moved to go back to communities each year.
 - Would take high tech equipment down to Jamaica to serve over 8,700 individuals and provided more than 4,200 pairs of glasses to individuals free of charge.
 - Humidity killed the high tech equipment so they would need to replace it.
 - Third Century Initiative
 - Spoke with a patient who could help create container clinics to help dehumidify the equipment so it did not need to be constantly replaced. As a result they made plans to make a clinic that was dehumidified and air conditioned. To make it sustainable they also made it solar powered. Also functioned as a community center.
 - Worked with the community to address their wants and needs.
 - Video about the clinic:
<https://www.youtube.com/watch?v=qfhuoYZoIY&t=5s>
 - Repurposing
 - Repurpose the clinic for other needs
 - Developed surgical suites
 - Went down for contamination.
 - Services done at the clinic are not charged.
 - Montego Bay surgical suites
 - Government built an environment around it that was sanitized allowing patients to not worry about contamination.

- Call Center for Blind Users
 - Robert Blake- he was shot in the head resulting in his optic nerves being severed. They trained Blake to be a call center practitioner.
- Bigger Dreams
 - Dream to start a business to fund this project.
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- Way forward
 - During a state of concussion the brain will develop a hypoxia as a reaction to a blow.
 - Retinal oximetry- to measure whether a person is in a concussed state and how deep the concussion is.
- Concussion
 - Handheld device to prevent a secondary incident.
- Problem
- Current Diagnostic Tools
 - Non-invasive device
 - Be able to detect in real time whether someone has a concussion
- Current devices are:
 - Neurological examinations which are subjective
 - Image
- Solution
 - Practitioners can determine whether there is an injury to the brain.
 - Provide a referenceable value
- Handheld Device to Diagnose TBI in less than 60 seconds
- Value Proposition
 - Can be used within disabilities patients
 - If they have a concussion
 - When they are recovering
 - When they can go back to work
- ADA and Concussion Outcomes
 - Getting this developed so people everywhere can use it
 - To be used by athletic trainers and professionals
 - Ultimately as accessible as an AED
- Systems integration
 - Profits accessed from this can be used to create container clinics.
- Takeaways
 - Innovation is about realizing one's dreams
 - Innovation depends on diversity and many voices at the table
- Questions/Comments:
 - Zach Damon
 - We want to be kept in the loop and updated about this project! He also has ideas about funding

- Getting back to work after an injury like this and timing is so important. Anything that can help people who may not be in the best place to make decisions is especially important
- Link to the project: Project website will be up at the beginning of the summer.
 - Email Joseph Myers for more information: coya@umich.edu
 - https://www.linkedin.com/posts/pleiades-inc_sportssafety-concussion-detection-innovation-activity-7111128422017363969-EXu8/
 - Pittsburgh Steelers developed protocols for concussions
 - When it was safe to come back.
- Announcements
 - Student and Community Groups: [Disability orgs on Campus](#)
 - <https://deltaalphapihonorsociety.org/>
 - Delta Sigma Omicron:
 - <https://dres.illinois.edu/home/about/history/delta-sigma-omicron/>
 - Service fraternity for people who are involved in services for students with disabilities.
 - Beta Mu
 - List for U of M disability related courses?
 - UMinDS might know
 - <https://lsa.umich.edu/ncid/engagement-opportunities/knowledge-communities/mapping-disability-inclusion.html>
 - Link to Read and Write:
 - <https://accessibility.umich.edu/assistive-technology/software-hardware/read-write-windows>
 - For Mac:
 - <https://accessibility.umich.edu/assistive-technology/software-hardware/read-write-windows>
 - Survey to anyone currently using read and write or interested.
 - https://drive.google.com/file/d/1EuhMzWY3Kc_ylisSXXF4g22YC_xWiwYX/view?usp=sharing
 - Resource page of a2gov:
 - <https://www.a2gov.org/services/disability-resources/Pages/Alphabetical-List-of-Resources.aspx>
 - Anything to share with the Council?
 - Can always send announcements and agenda items to cfdc-admins@umich.edu