

Diversity Initiative in Computer Science Project Proposal

Chapman University
CPSC-298-06: Minorities in Computer Science

Project Title: Minorities in Fowler Scholarship	
Prepared By: Michael Woodward, Patrick Hooverson, Abby Bechtel	Date: 1/27/21
Problem/Opportunity: <ul style="list-style-type: none">- Involving more representation from POC and minorities in Fowler.- Make Fowler more accessible for POC and minorities.	
Identify the statistics supporting your problem claim <ul style="list-style-type: none">- Undergraduate/graduate: 49.7% White, 14.9% Hispanic or Latino, 13.2% Asian, 6.23% Two or More Races, 1.83% Black or African American, 0.234% Native Hawaiian or Other Pacific Islanders, and 0.117% American Indian or Alaska Native. (datausa.io)- White Female (32.3%), followed by White Male (22.1%) and Hispanic or Latino Female (9.01%). Students enrolled in full-time Graduate programs are majority White Female (23%), followed by White Male (15.6%) and Asian Female (11.1%). (datausa.io)- 30% female, with the national average for similar programs being ~15-20% depending on how you crunch the numbers. We are also ~40% female in our full time faculty ranks (Dean Lyon)	
Project Type <ul style="list-style-type: none">- Fundraiser- Specific scholarships	
Main Goal Statement <ul style="list-style-type: none">- Allow more minority groups to join the engineering world (primarily computer science) via scholarship and financial grants	
Objective(s) <ul style="list-style-type: none">- Making statistics of student involvement public- Increase the diversity in faculty at Fowler- Raise \$10,000 by 2022	
Project Leadership <ul style="list-style-type: none">- Lily Annen - Statistics- Abby Bechtel - Problem and Opportunity, Main Goal, Project Leadership, Dependencies and Risk- Patrick Hooverson - Project Type, Objectives, Functional Team and Other Resources- Michael Woodward - Project Steps	
Project Steps <p>Clearly state the major steps necessary to complete the project goals and objectives. List steps sequentially.</p> <ol style="list-style-type: none">1. Identify statistics and involvement within Fowler2. Establish a task force consisting of students and faculty3. Initialize the fundraiser4. Define eligible students5. Spread the word - Social media, radio, podcasts, etc.6. Identify and target potential donors7. Evaluate plan over the year	
Functional Team and Other Resources <ul style="list-style-type: none">- Andrew Lyon, Dean of Fowler Engineering- School administrators- Donors lists / connections	

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Dependencies and Risks:

- It's important to keep a decent sized team that can continue to raise awareness
 - A bigger team also brings different ideas and skill sets to the table
- Funds
- Board of trustees, etc...

Please feel free to add any other information or attach documents which will be helpful in understanding the project.

Sources:

(Chapman University | Data USA, n.d.)

Chapman University | Data USA. (n.d.). Retrieved January 25, 2021, from

<https://datausa.io/profile/university/chapman-university>

Dean Lyon