Welcome to AIMS²(HSI-STEM Grant) Meeting # 72

1 PM – 3 PM
Mar 28, 2019
JD 1568

Photo-Courtesy: Armando

AGENDA

- Welcome – Ramesh
- Introductions and Information Items
- Spring 2019 Meetings Calendar
- MPR Deadline for Mar 2019 – April 4th
- Project Assessment and Evaluation – Nathan

AGENDA

- Welcome – Ramesh
- Introductions and Information Items
- Spring 2019 Meetings Calendar
- MPR Deadline for Mar 2019 – April 4th
- Project Assessment and Evaluation – Nathan

DevPulseCon

HOME (/)
REGISTER (/REGISTER)
WHY ATTEND? (/WHY-ATTEND)
AGENDA (/AGENDA)
SPEAKERS (/SPEAKERS)
SPONSORS (/SPONSORS)
ABOUT (/ABOUT)

Computer History Museum • 1401 N. Shoreline Blvd. • Mountain View CA • (/home-2015)

April 19-20, 2019 (/home-2015)

UNLEASH THE ENGINEER WITHIN YOU

TARGETING **350**+ Women Engineers, Product/Program/Project Managers and Engineering Managers + Awesome Male Allies

DevPulseCon is a two-day technical and educational micro-conference focused on women engineers, TPMS's, developers, users, administrators and geeks working in industry and academia. In 2019, we are expanding to include Technical Product Managers, Program Managers, Project Managers and Engineering Managers to elevate the conversation and learning. The conference was founded (/about)in 2015 (as Coder[xx] (http://coderxx.org)).

It includes one day of technical talks and "safe-space" panel discussions on "uncomfortable" (no social media allowed during panels) topics and a second day of purely technical hands-on workshops developed and taught per CodeChix Hands-on Workshop Guidelines.

We are strong proponents of Open Source software and hardware (and anything else that qualifies in this light). All conference content is open source and does not include any sales pitches or proprietary content.

This is the first and only conference catering to full-time women engineers and TPM's which provides purely-technical educational training on cutting edge technology as well as providing a "safe space" for the women to discuss issues and solutions to culture that affects technical women across the industry. Our primary target audience is women engineers and developers as well as technical product, program and project managers. We, also, provide a quota of tickets to selected men engineers and students to provide exposure to issues we discuss and build allies.

Our primary goal is to **RETAIN** the fantastic, driven and brilliant women engineers and TPM's that are lost in the folds of companies and teams but whose contributions build and sustain the foundations of our industry.

HOME (/)
REGISTER (/REGISTER)
WHY ATTEND? (/WHY-ATTEND)
AGENDA (/AGENDA)
SPEAKERS (/SPEAKERS)
SPONSORS (/SPONSORS)
ABOUT (/ABOUT)

DevPulseCon 2019 Agenda

PRESENTED BY CODECHIX - BAY AREA (HTTP://WWW.CODECHIX.ORG)

Friday April 19, 2019

All attendees should plan to bring laptops and power cords to work throughout the day's sessions.

9:00 am	**Registration**
9:00 - 9:45 am	**Breakfast & Sponsor Showcase**
9:45 - 10:00 am	**General Session: Opening Remarks** Rupa Dachere (https://www.linkedin.com/in/rdachere/), Founder, CodeChix & DevPulseCon
10:00 - 10:30 am	**Tech Talk: Deciphering Data Science** Grishma Jena, Python Community
10:35 - 11:05 am	**Tech Talk: Quantum Computing & Security Implications** David Ott - Sr. Researcher, VMware
11:10 - 11:40 am	**Tech Talk: CyberSecurity** Karim Eldefrawy, Senior Computer Scientist, Stanford Research Institute
11:45 am - 12:15 pm	**Keynote Session** Radia Perlman, Inventor of the Spanning Tree Protocol
12:15 - 1:15 pm	**Lunch, Sponsored Presentations, Raffle & Sponsor Showcase**
1:15 - 1:45 pm	**Keynote Session** Megan Clarke, Chief Information Officer, Stanford Graduate School of Business

1:50 - 2:30 pm	**Panel: Work/Life Merge - Difficult Decisions, Strategies & Support Systems**
2:40 - 3:20 pm	**Panel: Gaslighting - Detection & Mitigation Strategies**
3:25 - 4:00 pm	**Break, Awards, Sponsor Showcase & Networking**
4:00 - 6:00 pm	**Workshop: Python Basics Refresher*** *Saturday Cybersecurity Workshop Preparation*
6:00 - 6:15 pm	**General Session: Closing Remarks & Giveaways** Rupa Dachere (https://www.linkedin.com/in/rdachere/), Founder, CodeChix & DevPulseCon
6:15 - 7:15 pm	**DevPulseCon 2019 Happy Hour - Sponsored by ARM**

Saturday April 20, 2019

All attendees should plan to bring laptops and power cords to work throughout the day's sessions.

8:30 am	**Registration Opens**
8:30 - 9:00 am	**Breakfast & Sponsor Showcase**
9:00 - 9:15 am	**General Session: Opening Remarks** Rupa Dachere (https://www.linkedin.com/in/rdachere/), Founder, CodeChix & DevPulseCon
9:15 - 10:30 am	**Workshop: Technical Interviewing - Tips, Tricks, Exercises & Mock Interviews**
10:30 - 10:45 am	**Break, Sponsor Showcase & Networking**
10:45 am - noon	**Workshop: Technical Interviewing - Tips, Tricks, Exercises & Mock Interviews**
Noon - 1 pm	**Lunch, Sponsor Showcase & Networking**
1 - 3 pm	**Workshop: CyberSecurity with Python, Concurrency, Sockets & Tips and Tricks**
3:00 - 3:15 pm	**Break, Sponsor Showcase & Networking**
3:15 - 5:15 pm	**Workshop: CyberSecurity with Python, Concurrency, Sockets & Tips and Tricks**
5:15 - 5:30 pm	**General Session: Closing Remarks & Giveaways** Rupa Dachere (http://linkedin.com/in/rdachere), Founder, CodeChix & DevPulseCon
5:30 pm	**DevPulseCon 2019 Concludes**

AGENDA

- Welcome – Ramesh

- Introductions and Information Items

- Spring 2019 Meetings Calendar

- MPR Deadline for Mar 2019 – April 4th

- Project Assessment and Evaluation – Nathan

Meeting Calendar for Spring 2019

- ✓ *Jan 17, 2019*
- ✓ *Feb 28, 2019*
- ✓ *Mar 11, 2019**
- ✓ *Mar 28, 2019*
- • *Apr 25, 2019*
- • *May 16, 2019*

* All Cohort Meeting on March 11th (USU Lake View Terrace Room / 4 – 6 PM)

* All Cohort Meeting in April (Loc./Date/Time TBA)

Monthly meetings above are scheduled from 1 PM – 3 PM in JD 1568.

AGENDA

- Welcome – Ramesh

- Introductions and Information Items

- Spring 2019 Meetings Calendar

- MPR Deadline for Mar 2019 – April 4th

- Project Assessment and Evaluation – Nathan

AGENDA

- Welcome – Ramesh

- Introductions and Information Items

- Spring 2019 Meetings Calendar

- MPR Deadline for Mar 2019 – April 4th

- Project Assessment and Evaluation – Nathan

AGENDA

- Project Activities

  – Moorpark College – Scarlet Relle

  – LA Pierce College – Elizabeth Cheung

  – Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela, Freddy Saucedo

  – College of the Canyons – Amy Foote

  – CSUN Cohort Meeting – Ramesh, Cindy, and Deazell

AGENDA

- Project Activities
  - Moorpark College – Scarlet Relle
  - LA Pierce College – Elizabeth Cheung
  - Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela, Freddy Saucedo
  - College of the Canyons – Amy Foote
  - CSUN Cohort Meeting – Ramesh, Cindy, and Deazell

AGENDA

- Project Activities
  - Moorpark College – Scarlet Relle
  - LA Pierce College – Elizabeth Cheung
  - Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela, Freddy Saucedo
  - College of the Canyons – Amy Foote
  - CSUN Cohort Meeting – Ramesh, Cindy, and Deazell

AGENDA

- Project Activities
  - Moorpark College – Scarlet Relle
  - LA Pierce College – Elizabeth Cheung
  - Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela, Freddy Saucedo
  - College of the Canyons – Amy Foote
  - CSUN Cohort Meeting – Ramesh, Cindy, and Deazell

Update from GCC.. 1 of 2

- Glendale AIMS^2 meeting held on March 22, 2019

- Canvas Learning management course usage is ongoing for AIMS^2 cohort and additional engineering and chemistry students.

- AIMS^2 students working on design projects and continue to support the upcoming SHPE Maker Faire April 27. AIMS^2 students will be conducting engineering workshops such as Solar Car kits and LED lighting for K-12 students.

- Continued planning for Summer Bridge program that AIMS^2 students will be invited to participate in as student leaders.

- Peer to peer academic support is ongoing and more frequent than tutoring model.

- Leveraged grant assets applied to some AIMS^2 students hired as student workers as a model for undergraduate research activities.

Update from GCC .. 2 of 2

- GCC engineering lab space has become more active because of the new model for AIMS^2 student involvement in research activities.

- AeroDef conference poster and abstract submitted for consideration. Two AIMS^2 students listed as authors. students to attend conference in Long Beach, CA

- Several AIMS^2 students applied for Engineering Technology Skill Award

- STEM counseling conducted for AIMS^2 students.

AGENDA

- Project Activities
  - Moorpark College – Scarlet Relle
  - LA Pierce College – Elizabeth Cheung
  - Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela, Freddy Saucedo
  - College of the Canyons – Amy Foote
  - CSUN Cohort Meeting – Ramesh, Cindy, and Deazell

AGENDA

- Project Activities
    - Moorpark College – Scarlet Relle
    - LA Pierce College – Elizabeth Cheung
    - Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela, Freddy Saucedo
    - College of the Canyons – Amy Foote
    - CSUN Cohort Meeting – Ramesh, Cindy, and Deazell

AGENDA for All Cohort Meeting on 03.11.19

- Welcome and Introductions
- Review of Program – Dr. Ramesh, Ms. Cindy Cruz, Mr. Deazell Johnson
- Peer Mentor Panel – Moderated by Ms. Cindy Cruz and Mr. Deazell Johnson
- Kerstern Malama, Alan Cruz, Cristian Mendoza, Omar Lopez, Alireza Bahmanabadi
- Faculty Mentor Panel – Moderated by Dr. Ramesh
- Profs. Khachatourians, Valdovinos, Osorno, Hao, and Dewey
- Q&A
- Adjourn

CSUN All Cohort Meeting Video

March 11, 2019

ACTION ITEMS

- Status update on Cohort

- Tutor Pool – Deazell

- Weekly cohort meeting highlights – Faculty Mentors

- Peer Mentoring program

- Follow up to Mentor Collective Dashboard demo and discussion – Ramesh

- Research projects (Spring 2019 /Summer 2019 abstracts/ CCC Participation in summer/Fall symposium)

- Adjourn

Tutor Pool

Spring 2019			
First Name	**Last Name**	**Dept.**	**Courses**
Alexis	Aleman	BIOL	CHEM100, BIOL 106, 107
Joel	Damain (Barajas)	EE	CE240. MATH150A, 150B, 250, 280. ECE240, 309, 350, 351, 440, 442, 455, 460, 480. PHYS220B. GEOL101.
Andrew	Espindola	CE	MATH150A, 150B, 250, 331. COMP110, 182, 282. ECE240, 309, 320, 340, 350. PHYS220A, 220B. BIOL106.
Xiaoao	Feng	EE	COMP110. ECE206, 240, 309, 320, 340, 350, 351, 370, 420, 422, 442, 455, 480, 492. PHYS220A, 220B. MSE304.
Ivan	Garcia	CE	MSE304. ECE309, 320, 340, 420, 450.
Naing	Khant	EE	ECE 240, MATH 150A, 150B, 250, and 280
Ashley	Mendoza	CompE	ECE 442 & ECE 442L
Michael	Munje	CS	COMP 110, 182, 256, 282, Math 150A, 150B, 250, 262,
Luis	Rivera	CE	MATH 102, 105, 150A, 150B, 250, and 262. PHYS220A/L and PHYS 220B/L
Justin	Timbol	ME	MATH250, 267. AM316. ME209, 286, 309, ECE240. CE340. MSE302, 304.

ACTION ITEMS

- Status update on Cohort

- Tutor Pool – Deazell

- Weekly cohort meeting highlights – Faculty Mentors

- Peer Mentoring program

- Follow up to Mentor Collective Dashboard demo and discussion – Ramesh

- Research projects (Spring 2019 /Summer 2019 abstracts/ CCC Participation in summer/Fall symposium)

- Adjourn

ACTION ITEMS

- Status update on Cohort

- Tutor Pool – Deazell

- Weekly cohort meeting highlights – Faculty Mentors

- Peer Mentoring program

- Follow up to Mentor Collective Dashboard demo and discussion – Ramesh

- Research projects (Spring 2019 /Summer 2019 abstracts/ CCC Participation in summer/Fall symposium)
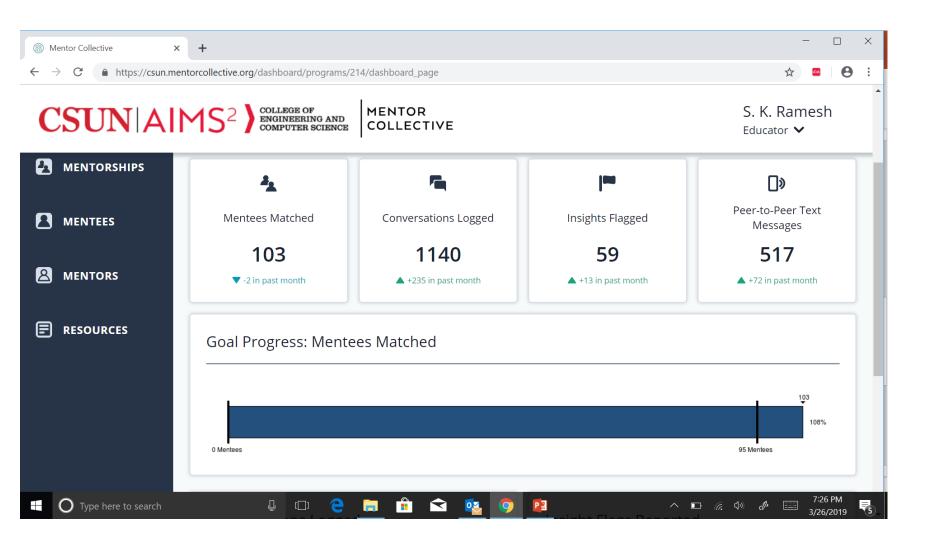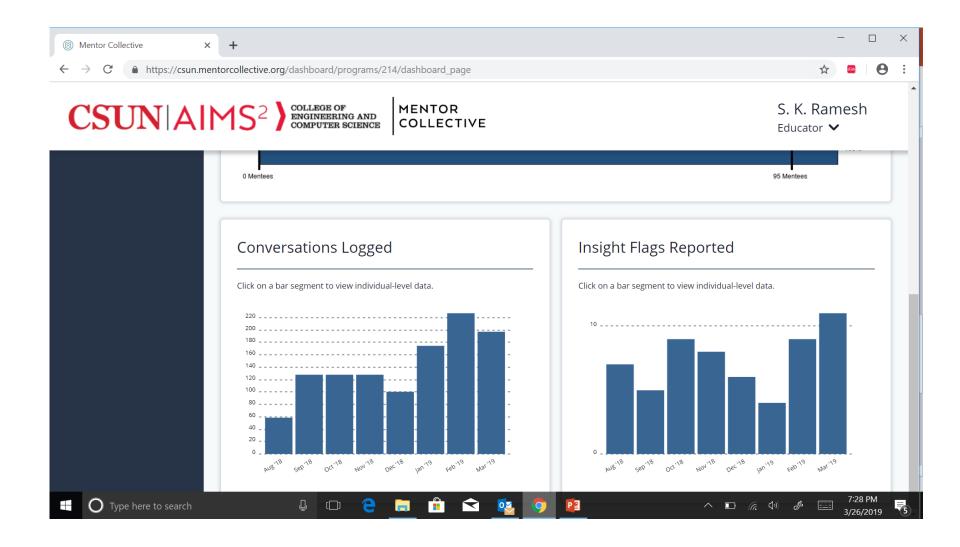
- Adjourn

Peer Mentors from Cohort

First Name	Last Name	Major
Hareth	Abdalkarim	Electrical Engineering
Alireza	Bahmanabadi	Construction Management
Alan	Cruz	Mechanical Engineering
Jayshawna	Jones	Manufacturing Systems Engr
Kerstern	Malama	Manufacturing Systems Engr
Cristian	Mendoza	Electrical Engineering
Henry	Reed	Computer Science
Alexis	Sierra	Civil Engineering
Omar	Vargas	Electrical Engineering
Samantha	Livesay	Computer Science
Cristobal	Barajas	Mechanical Engineering

Mentor Collective Demo

- https://csun.mentorcollective.org/

Follow up from Mentor Collective (see demo of 02.28.19)

- Staffing changes at Mentor Collective

- Enhanced dashboard features

- Access to faculty mentors

- Opportunity to contribute to resources section

ACTION ITEMS

- Status update on Cohort

- Tutor Pool – Deazell

- Weekly cohort meeting highlights – Faculty Mentors

- Peer Mentoring program

- Follow up to Mentor Collective Dashboard demo and discussion – Ramesh

- Research projects (Spring 2019 /Summer 2019 abstracts/ CCC Participation in summer/Fall symposium)

- Adjourn

Fall 2018 – Spring 2019 Research Projects with CSUN Faculty Mentors

Department	Professor	Project Information
Civil Engineering and Construction Management	Dr. Anwar Alroomi	Click here for information.
Civil Engineering and Construction Management	Dr. Tzong-Ying Hao	Click here for information.
Computer Science	Dr. Kyle Dewey	Click here for information
Electrical and Computer Engineering	Dr. Ruting Jia	Click here for information.
Electrical and Computer Engineering	Dr. Bruno Osorno	Click here for information.
Electrical and Computer Engineering	Dr. John Valdovinos	Click here for information.
Manufacturing Systems Engineering and Management	Dr. Behzad Bavarian	Click here for information.
Manufacturing Systems Engineering and Management	Dr. BingBing Li	Click here for information.
All Engineering Majors & Computer Science	Dr. S. Jimmy Gandhi	Click here for information

General guidelines

- Typical # of students per faculty (2 or 3)

- Inform staff (Deazell/Cindy) so that <u>students are signed in w/TuC prior to beginning work</u>

- Carefully monitor hours (Typical: 5 – 6 hours /week; Max 10 hours/week) and ensure time sheets are submitted by the deadline

- Remind all students of requirements (Poster/Oral presentation) at Fall Research Symposium

Research Projects

- Summer 2019 estimates
  - Capacity (last summer we supported 42 students). This summer??
  - Open to CSUN cohort students in good standing
  - Anticipate students from Moorpark, CoC, GCC and Pierce
  - Anticipate students from Cal Lutheran – Project ALLIES

Information needed from faculty

- Summer 2019 Project Abstracts
- Please submit by April 18th,

ACTION ITEMS

- Status update on Cohort

- Tutor Pool – Deazell

- Weekly cohort meeting highlights – Faculty Mentors

- Peer Mentoring program

- Follow up to Mentor Collective Dashboard demo and discussion – Ramesh

- Research projects (Spring 2019 /Summer 2019 abstracts/ CCC Participation in summer/Fall symposium)

- Adjourn