

Welcome to AIMS²(HSI-STEM Grant) Meeting # 45



**2 PM – 4:00 PM,
August 19th, 2016
JD 1568**



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



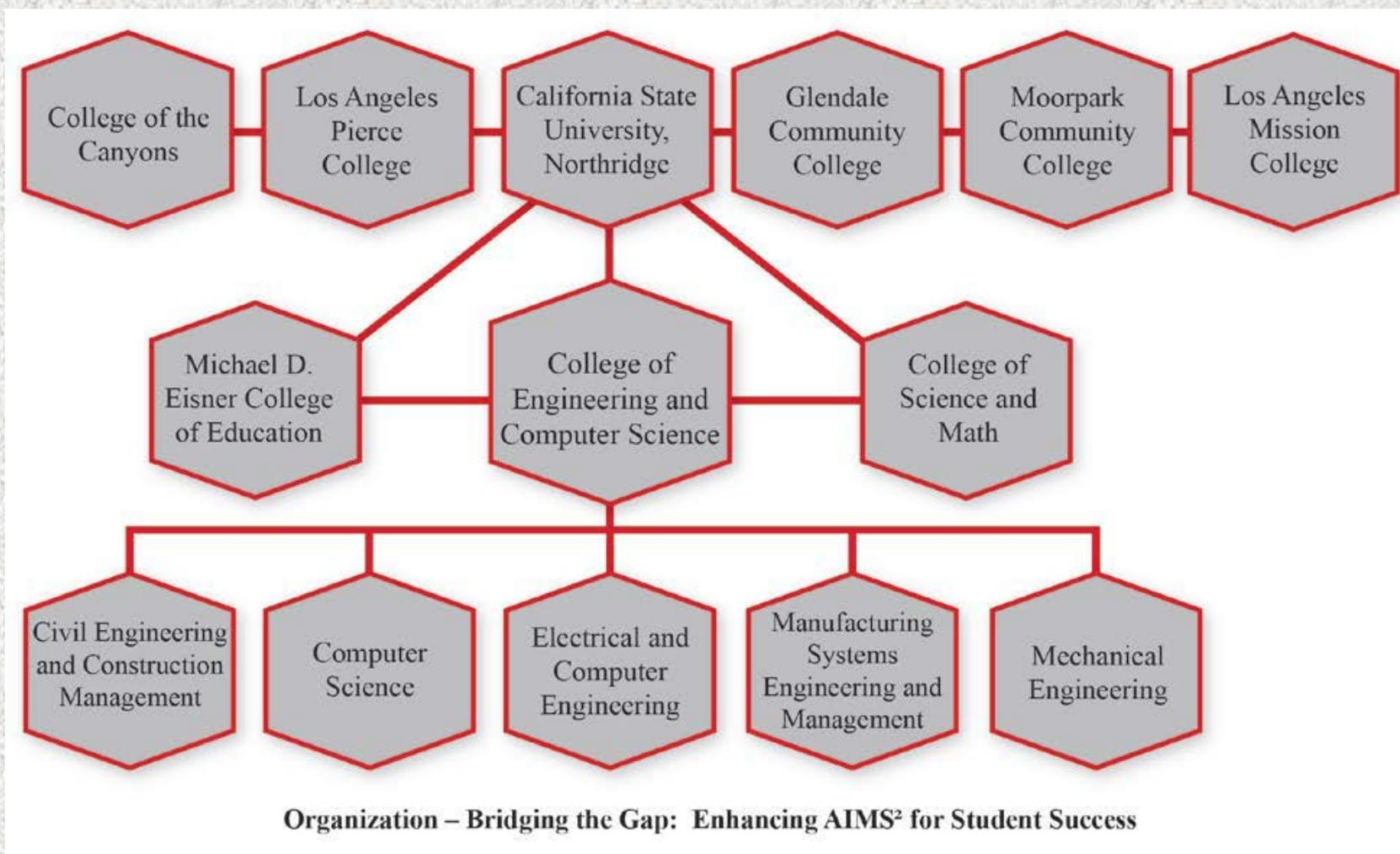


The AIMS² Project Team

Attract, Inspire, Mentor, and Support Students



**Faculty and Staff from the College of the Canyons, Glendale CC,
& the College of Engineering and Computer Science, CSUN**





AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



September 14th Research Symposium

- Where – Northridge Center, and West Valley Room, CSUN
- Time – 4 PM – 7 PM, followed by a reception
- Anticipate – 11 Presentations based on summer 2016 research projects (and ongoing AIMS² research projects)



Oral Presentations - Timelines

- Each team (11 projects) will present their slides and also display a poster
 - Each PPT should be preloaded ahead of time onto the laptop we will use at the Northridge Center (deadline to submit to Stacey is 09/09/16)
 - Each group will have: 7 mins – Presentation and 3 mins – Q&A, transition period – 2 minutes
 - The posters will be stationed in the West Valley room so they can be viewed during the reception (deadline to submit file to IS group for printing is 09/09/16)
- * Faculty advisors will introduce their students and respective projects during the transition period and moderate Q&A*



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- **Project Evaluation , Plans and Timelines for Final Report – Nathan**
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- **Project Activities/Academic Progress of Cohorts**
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - **Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes**
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - **CSUN – Bob Ryan and Stacey Schaaf**
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- **Faculty Reports on Summer 2016 Research Projects (1 hour)**
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - **CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf**
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - **MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner**
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn

•1
8

AIMS² SUMMER RESEARCH

FACULTY ADVISOR: S. JIMMY GANDHI

STUDENT: ANNA CHILINGARIAN

•1
9

TOPICS COVERED DURING SUMMER RESEARCH PROJECT

- An Introduction to Innovation & Entrepreneurship (I & E)
- Understanding of why I & E is important to engineers
 - What is an entrepreneurial mindset and how do you use that as an engineering?
- Product Development based on customer inputs (Lean Startup)
- What is the global supply chain & what is its importance to engineering firms?
- What is quality & why is it important for engineers to understand quality & quality management?

•2
0

OUTCOMES OF SUMMER RESEARCH PROJECT

- Understanding what the research process is – what is actually doing research in I&E?
- Independent Thinker – understanding that there is no right or wrong answer
- Shift in mindset
 - Understanding I & E and how it could relate to different disciplines
 - Health & Wellness and to the Aerospace Industry
- Critical thinking and how to solve problems while taking customer feedback into consideration
- Understanding of supply chain management



•2
1

OUTCOMES OF SUMMER RESEARCH PROJECT

- Helps student with idea development for senior design project & be a leader & mentor to senior design team
 - Incorporate I & E into senior design project through 2016-17 academic year
- Publishing a paper at the SHPE Conference in Fall 2016
- Continuing research on the topic
- Understanding the balance between independence in research and collaborating



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - **CS – Vahab Pournagshband**
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - **ECE – Bruno Osorno and Ruting Jia**
- Meetings Calendar for fall 2016
- Adjourn



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- Adjourn



Meeting Calendar for Fall 2016

- ✓ *Aug 18, 2016**
- *Sep 14, 2016***
- *Oct 13, 2016**
- *Nov 10, 2016**
- *Dec 08, 2016**

***Monthly meetings above are scheduled from 2 PM – 4 PM in JD 1568.**

**** Annual Research Symposium at the University Union : 4 PM – 8 PM**



AGENDA

- Welcome and Introductions – Ramesh
- Information Items - Ramesh
 - Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
 - Logistics for second annual research symposium – Sep 14th
- Project Evaluation , Plans and Timelines for Final Report – Nathan
- Project Activities/Academic Progress of Cohorts
 - Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
 - College of the Canyons – David Martinez and Eric Lara
 - CSUN – Bob Ryan and Stacey Schaaf
- Faculty Reports on Summer 2016 Research Projects (1 hour)
 - CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
 - MSEM – Behzad Bavarian, Jimmy Gandhi, and Lisa Reiner
 - ME – Vidya Nandikolla and Vibhav Durgesh
 - CS – Vahab Pournagshband
 - ECE – Bruno Osorno and Ruting Jia
- Meetings Calendar for fall 2016
- **Adjourn**