**BAKERSFIELD COLLEGE**

Administrative Council
Accomplishments 2020-2021

**Name:** Consuelo Gonzalez

**Area:** MESA Program Manager

**Bakersfield College Vision for Success Goals**
**Bakersfield College 2018-2020 Strategic Directions**

**Vision for Success Goal #1:** Increase by at least 20 percent the number of CCC students annually who acquire associates degrees, credentials, certificates, or specific skill sets that prepare them for an in-demand job.

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<th>Bakersfield College Goal</th>
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| **Goal #1 Completion**  | o Provide support where necessary, and make sure the correct resources are in place for academic success and work with the MESA Counselor and STEM team to ensure we have a team process for serving students.  
✓ Goal accomplished in Spring 2021 - provided support and resources for all students in the MESA program.  
  
✓ Coordinate meeting for the BC-MESA advisory board to identify areas that affect MESA students and identify goals and initiatives to improve student success.  
  
✓ BC-MESA Board meetings were set on a quarterly basis with industry members, governmental agencies representatives, Bakersfield College STEM faculty, and Dean of Instruction for Science and Math. Goal accomplished in Spring 2021.  
  
✓ Increase support where needed for all student success initiatives by serving all students using the AERA STEM Success Center and MESA virtual zoom center.  
  
✓ Closed AERA STEM Success center during Fall 2020 and Spring 2021 and ensure student health and safety for all students and staff during the COVID-19 pandemic. Established zoom service links to provide MESA center activities and services to MESA students before campus closure. Goal accomplished in Fall 2020.  
  
✓ Coordinate with student services on campus by providing STEM-specific information and academic resources to counselors, advisors, and faculty for student retention and course completion. |

**Strategic Direction #2**
Student Progression and Completion
Worked with student services, such as STEM counseling to ensure more students received services from the MESA program. Goal accomplished in Spring 2021.

**Vision for Success Goal #2:** Increase by 35 percent the number of CCC students transferring annually to a UC or CSU.

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| **Goal #2: Transfer**   | o Create opportunities, access, and provide transfer information to all STEM students accessing the AERA STEM Success Center, and virtual MESA center with a state and federal mandate focus on MESA/ASEM students.  
 ✓ Supported Transfer ready workshops offered via zoom during the closure of the AERA STEM Success center and collaborated with UC, CSU, and STEM counseling. Goal accomplished in Spring 2021  

 o Provide STEM learning workshops, guest speakers and external resources to accomplished MESA grant objectives as a transfer ready program.  
 ✓ Provided online Zoom meeting workshops for MESA/ASME students in STEM related topics to ensure student learning. Goal accomplished in Spring 2021  

 o Provide study leaders, STEM subject facilitators, academic excellence workshops for all students coming to use the Aera STEM Success Center and in virtual zoom meetings.  
 ✓ Coordinated Math, Biology, and Physics tutoring via Remind app and Zoom meeting for specific STEM courses open to all students taking the course. Goal accomplished in Spring 2021  

 o Provide an academic model that supports critical thinking and a STEM learning culture for all student enrolled in the MESA program.  
 ✓ Facilitated Zoom meeting based on the STEM learning culture for MESA/ASME students. Goal accomplished in Spring 2021 |

**Strategic Direction #1**  
Student Learning
- Coordinate the MESA Awards Banquet/Celebration as a transfer rite of passage for MESA students and A.S./AST degree completion and achievements of MESA/ASEM students.
  - Streamed MESA Awards Banquet for MESA/ASME students, STEM faculty, BC staff, industry, and community partners via Zoom meeting to honor students’ accomplishments specifically transferring as a rite of passages. Goal accomplished at the end of Spring 2021

- Provide pipeline support for all STEM students interested in transfer options to the CSU, UC, and other four years institutions.
  - Conducted a Transfer “the next step after transfer” workshop for MESA/ASME students. Provided MESA alumni contact/mentor at all the institutions listed by the MESA/ASME transfer cohort. Goal accomplished at the end of Spring 2021

**Vision for Success Goal #3:** Decrease the average number of units accumulated by CCC students earning associate’s degrees, from approximately 87 total units (the most recent systemwide average) to 79 total units—the average among the quintile of colleges showing the strongest performance on this measure.

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| **Goal #3: Unit Accumulation**  
Bakersfield College will decrease the average units earned per completed associate degree from 92 in 2016-2017 to 84 in 2021-22, a decrease of 9 percent. | o Maintain educational plan in MESA/ASME student personal files.  
✓ All MESA/ASME student have an educational plan on file. Goal accomplished at the end of Spring 2021.  

 o Collaborate with STEM counseling to reduce course unit taken by MES/ASME students. |
**Strategic Direction #2**

**Student Progression and Completion**

- Goal accomplished at the end of Spring 2021. Collaborated with STEM counselor and advisor to maintain MESA/ASME students on track with educational plan and reduce units taken in the semester.

  - Ensure MESA/ASME students see the MESA counselor at least once per semester to review educational plan with the focus on transfer.
  - MESA/ASME students had access to a MESA counselor via e-mail and Zoom meeting. Goal accomplished after Spring 2021

  - Monitor MESA/ASME student course unit taken during the academic year.
  - Monitored 106 students in the MESA program for course units. Goal accomplished at the end of Spring 2021

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**Vision for Success Goal #4:** Increase the percent of exiting CTE students who report being employed in their field of study, from the most recent statewide average of 60 percent to an improved rate of 69 percent—the average among the quintile of colleges showing the strongest performance on this measure.

**Bakersfield College Goal**

**Goal #4: Workforce**

Bakersfield College will increase the percent of exiting CTE students who report being employed in their field of study from 66% percent in 2014-2015 to 69% in 2021-22, an increase of 3 percent.

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<tr>
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<td>Develop Service-Learning Scholarships opportunities from the USDA and Department of Interior to offer professional learning opportunities for STEM students’ development at Natural Resources Conservation Service or Bureau of Land Management.</td>
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<td>Coordinate professional/faculty mentors, research opportunities and internships, academic advising, and field trips to Universities.</td>
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<td>STEM faculty met 4 times during the academic year with MESA students via zoom to mentor and encourage active learning. Goal accomplished Spring 2021</td>
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**Strategic Direction #1**

**Student Learning**

- Provide research opportunities for STEM community college students and exposure to international scholarly experiences at the Transportation Research Board Annual Meeting at Washington D.C through the Eisenhower Department of Transportation fellowship grant.
  - Eisenhower fellowships were secured for MESA students to conduct research for the USA Department of Transportation.

- Promote community partnerships with industry by providing a life learning experience via mentors from professionals in STEM fields.
  - Facilitated online workshop with Health COPE Scholars from the UCLA School of Public health. Goal accomplished Spring 2020.

- Provide a yearly workshop that promotes federal jobs and internships for all BC students via the USDA/NRCS and the MESA program community partnership.
  - Facilitated USDA/NRCS presentation of USAJOBS application workshop for federal jobs/internship opportunities. Goal accomplished Spring 2020

**Vision for Success Goal #5:** Reduce equity gaps across all of the above measures through faster improvements among traditionally underrepresented student groups, with the goal of cutting achievement gaps by 40 percent within 5 years and fully closing those achievement gaps for good within 10 years
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| **Goal #5: Equity**     | o Serve MESA/ASME students who are typically historically underrepresented students in STEM.  
✓ Served students in STEM, with a focus on increasing participation of LatinX, African American and Native American students which currently make up 68% of the MESA program. Goal accomplished Spring 2021  
o Provide STEM activities targeting historically underrepresented students coming from low socioeconomic backgrounds.  
✓ Conducted Zoom meetings addressing “Imposter Syndrome” to assist disproportionately impacted groups on an individual basis. Goal accomplished Spring 2020.  
✓ Facilitate workshop with role models coming from historically underrepresented backgrounds in STEM that empower MESA/ASME students.  
✓ Zoom meeting online workshops presented by STEM role models, such as Dr. A.J Gomez Researcher from UC Davis, Dr. M. Gonzalez from UC Davis School of Medicine, Dr. D. Hayes-Baustista from CESLAC at UCLA, Mr. Jesus Iniguez Researcher at UCLA, all coming from Disproportionately Impacted Groups. Goal accomplished Spring 2021.  
✓ Collaborate with SEAP to provide STEM mentoring via a STEM ambassador for MESA/ASME students  
✓ Collaborated to train and support STEM/MESA ambassador in alignment with SEAP and Guided pathway momentum points. Goal accomplished Fall 2020.  
✓ Utilize internet platforms and texting application for immediate response to disproportionate impacted groups in STEM.  
✓ Transferred feasible MESA program activities using discord, Zoom meeting, remind app and social media to ensure reach and have immediate response to disproportionate impacted groups in STEM. Goal accomplished Spring 2020. |

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**Strategic Direction #2**  
Student Progression and Completion
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| **Strategic Direction #4**<br>**Leadership and Engagement** | o Serve as the cohort advisor and mentor for the MESA program  
✓ Mentored students via e-mail, Zoom meetings, google voice calls, and texting via remind app. Goal accomplished Spring 2021. Promote STEM education on campus and across students’ most commonly used virtual platforms.  
o Promote STEM education on campus and across the state of California through collaboration with government agencies, industry and community partnership  
✓ Promoted STEM education on campus and across the state of California through collaboration with 3 government agencies, 7 industry partners, 30 community partnerships, UC and CSU support programs for transfer students.  
o Present and attend conference opportunities that assisted professional development and program management training that include student success initiatives.  
✓ Participated in California Community College Student Equity webinars and HIS STEM web hub  
✓ Attended MESA statewide meeting  
 o Identify funding opportunities at the federal, state and private entities for STEM education  
✓ Identified and written grants for: a) MESA grant renewal opportunity b) HIS STEM grant opportunities c) Youth and Conservation Corps d) Department of Transportation Eisenhower Fellowship Grant e) USDA/NRCS funding agreement for scholarships/internships f) NSF STEM grant opportunities.  
 o Outreached to the community via Social platforms (Facebook, Instagram, and Twitter), Univision television network, Radio Bilingue public radio, High School presentations and Elementary School involvement, Non-Profit STEAM events.  
✓ Weekly posting was set via social media platforms  
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