



Makerspace: Bridging Disciplines and Erasing Boundaries

CALIFORNIA STATE UNIVERSITY, CHICO

Co-Directors

Curt DeBerg

Professor of Accounting
Director, Students
Advancing Global
Entrepreneurship



Colleen Robb

Assistant Professor of
Entrepreneurship
Director, Center for
Entrepreneurship

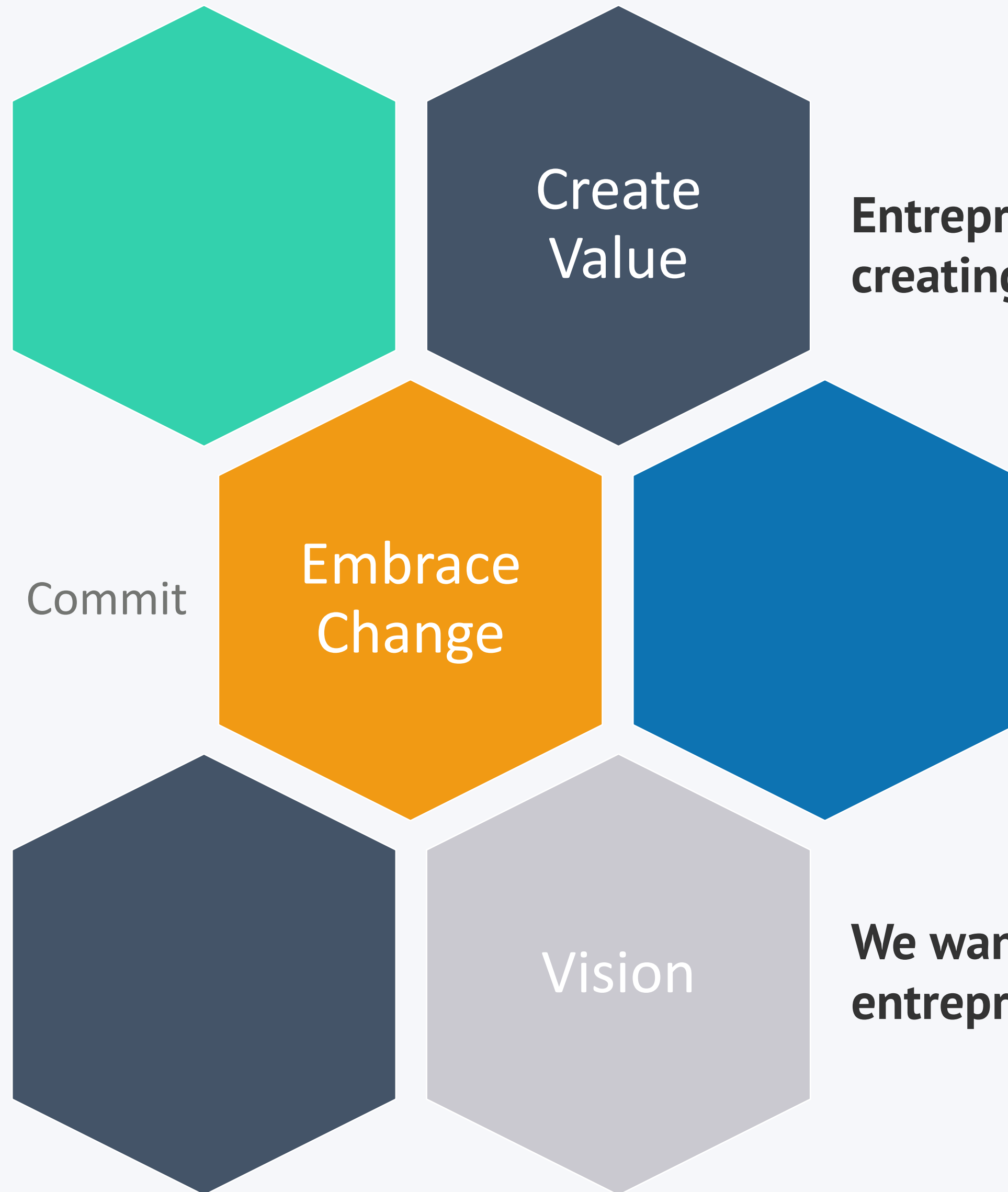


David Alexander

Assistant Professor of
Mechanical and
Mechatronic Engineering
and Sustainable
Manufacturing



Entrepreneurship Across Campus



Entrepreneurship is imagining new solutions to existing problems, creating value, and taking advantage of opportunities.

We want our faculty, staff, and students to embrace the entrepreneurial mindset.

CALIFORNIA STATE UNIVERSITY, CHICO – BRIDGE ENTREPRENEURSHIP

Outstanding Student Experience

4

MakerSpace

Students, staff, and faculty build, innovate and collaborate

Accelerator Fund

Funding for student startups that focus on interdisciplinary teams

Bridge Faculty Fellows

Funding for faculty to champion entrepreneurship pedagogy

Industry Partnerships

Blue Tech Valley Innovation Cluster, SAGE, Future 4

Outstanding Student Experience
Inside the Classroom.

Outstanding Student Experience
Outside the Classroom



MakerSpace

Do-it-yourself space where students from all disciplines can gather to create, invent, and learn.



Patrick Newell
Dean Meriam Library, CSU, Chico



Neutral Territory



Existing Infrastructure



Widely Accessible



Creative Space for All Majors

Local Industry Input

30+ local industry representatives participated in defining Makerspace needs



Conference Attendance

Library Dean Newell and Librarian Wendy Diamond attended several Makerspace conferences



100 Faculty Members & Students

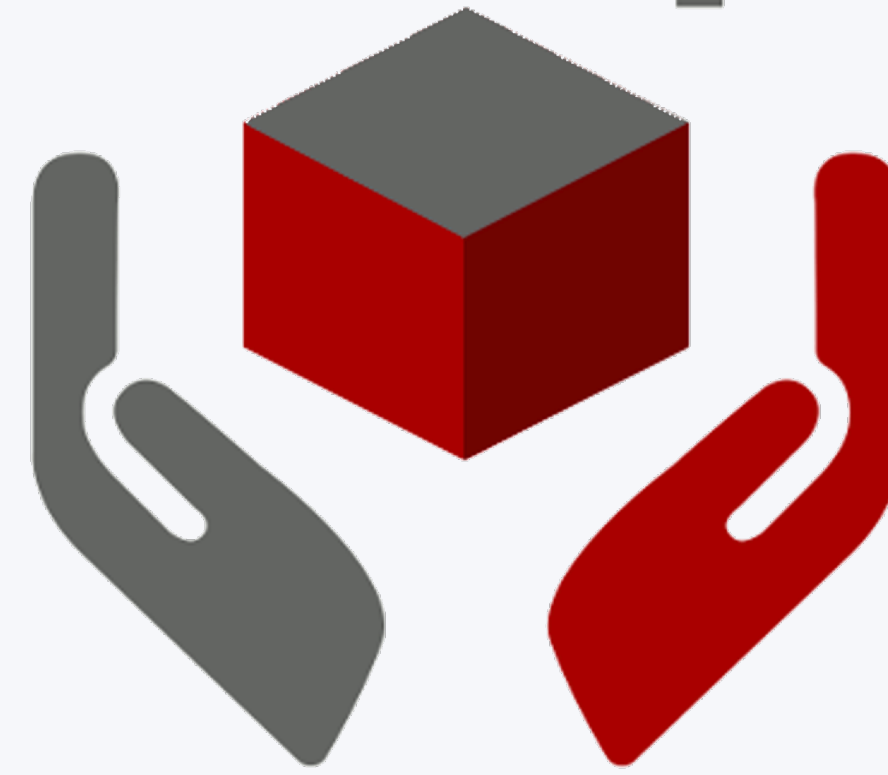
40+ faculty and 60 students were interviewed to assess what tools could help enrich their academic experience



Existing Best Practices

Co-Directors interviewed directors of nation's leading Makerspace programs

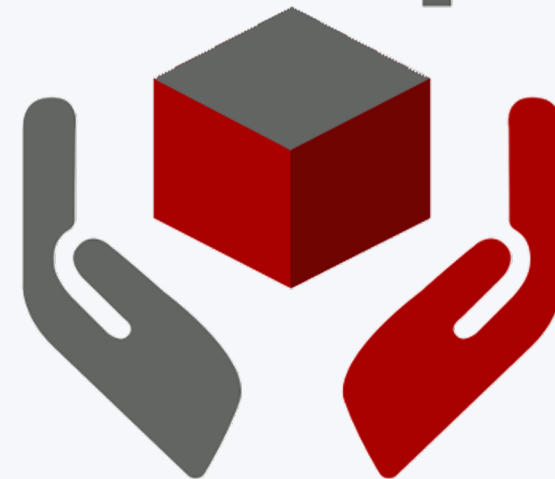
Makerspace



MakerSpace Student Advisors

Sixteen students from eight different majors hired to provide oversight, training, and management of Makerspace.

Makerspace





Makerspace



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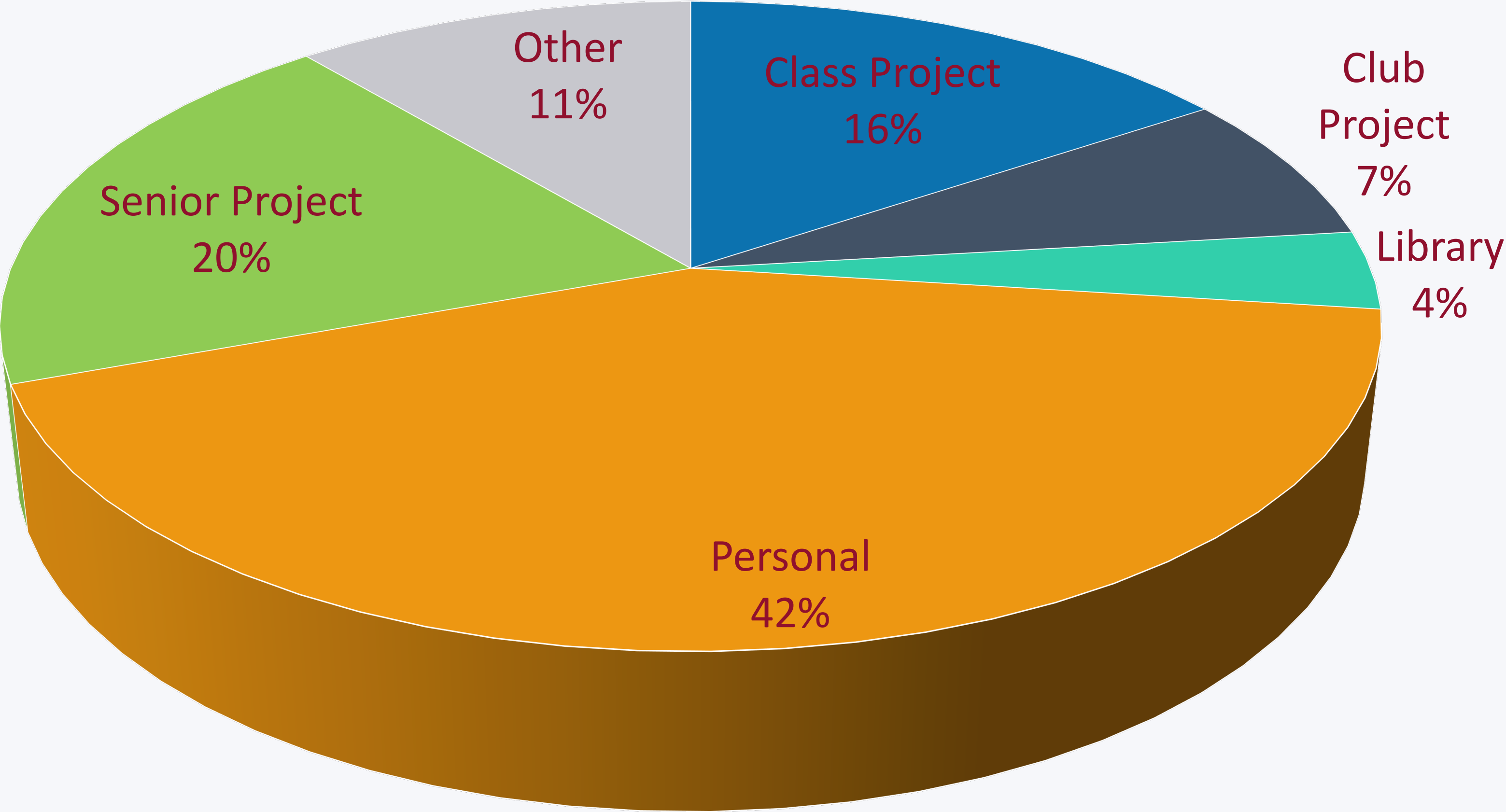
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MakerSpace Usage (333 Projects)



Looking Ahead



Past and Future Events



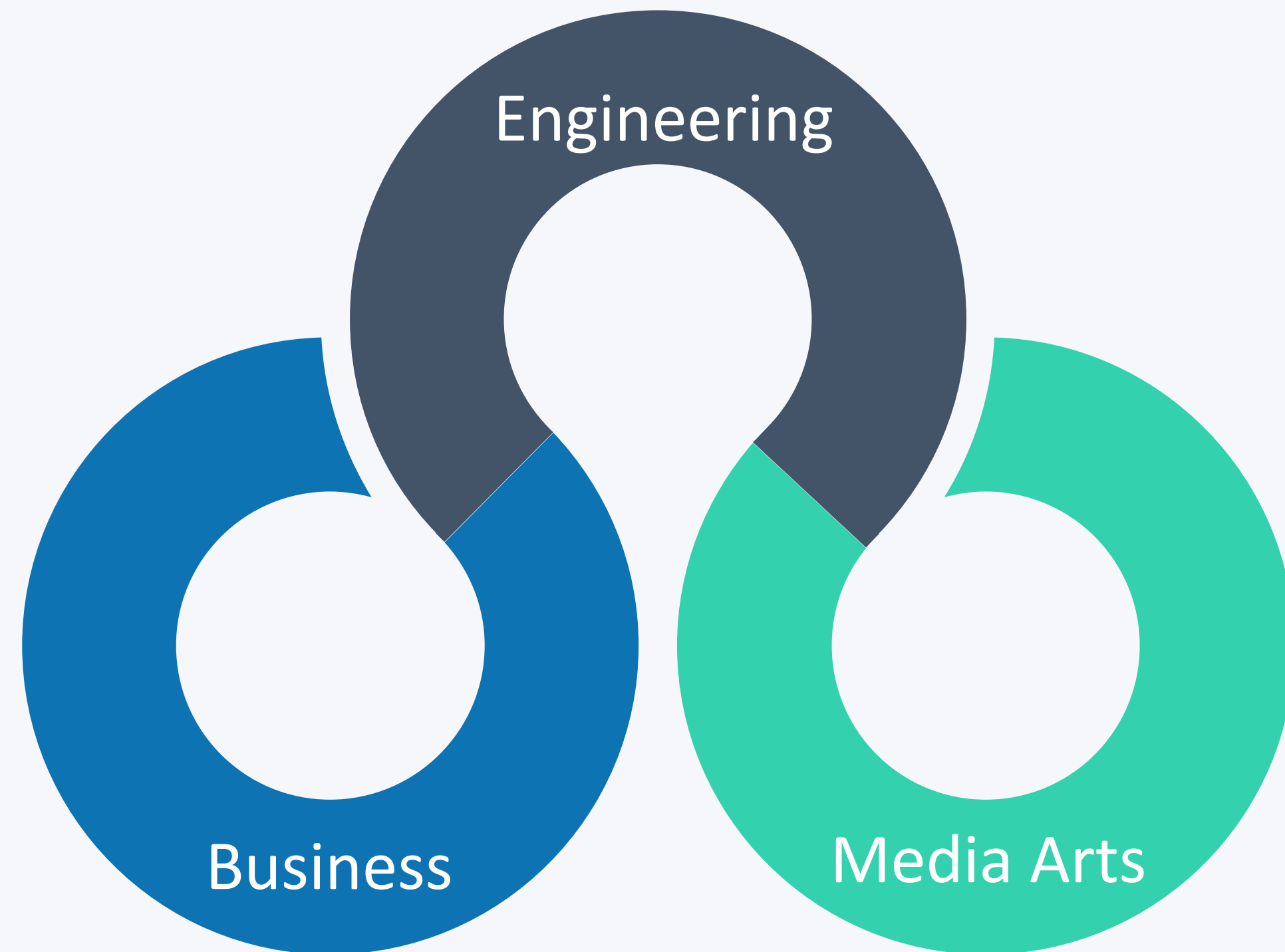
Analytics Driven



Library Managed



Generate Ideas Across Majors



Business

Dr. Colleen Robb, Peter Straus, and David Rahn offer opportunities to entrepreneurship students to collaborate with other majors in student teams

Engineering

Dr. David Alexander and Dr. Kevin Buffardi offer entrepreneurship student concepts to their mechanical and computer science engineering students as course projects

Media Arts

Frank Armstrong offers entrepreneurship concepts to his media arts and design students as course projects to develop brand identity kits

Efforts to expand the current interdisciplinary academic efforts are underway utilizing the MakerSpace in future semesters as a collaboration space.

CALIFORNIA STATE UNIVERSITY, CHICO – BRIDGE ENTREPRENEURSHIP

Academic Oversight Board



Eric Houk

College of Agriculture



Ryan Patten

College of Behavioral and
Social Sciences



Susan Wiesinger

College of Communication and
Education



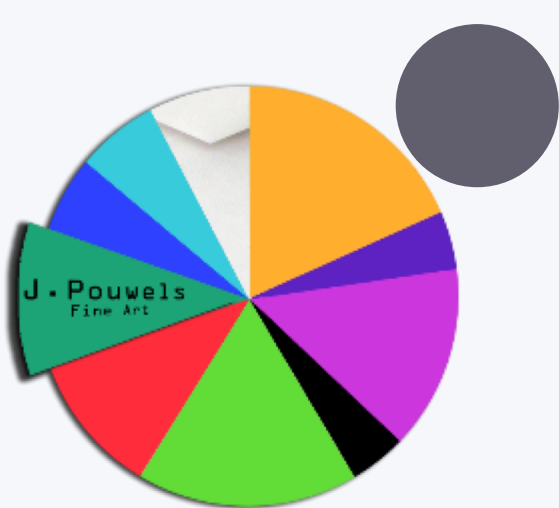
David Zeichick

College of Engineering, Computer Science
And Construction Management



Lauren Ruth

College of Humanities
and Fine Arts



Jerome Pouwels

College of Humanities
and Fine Arts



Maria Giovanni

College of Natural Sciences



Peter Straus

College of Business

The Financial Picture

Milestones Achieved



\$5K

Bridge Fellow

College of Engineering,
Computer Science and
Construction Management



\$31K

Makerspace
Student Advisors

Student
Learning
Fees



10

Academic
Board Members

Volunteers -
Spearheaded by
College of Business



\$25K

Equipment

Meriam Library

Future Ongoing Funding

\$86,000 per year
\$12,285 per College



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Bridge Fellows

\$15K

Spring 2018



10

Makerspace
Student Advisors

\$30K

Fall 2018



14

Academic
Board Members

\$35K

Summer 2018



10

3D Printers
(& Materials)

\$50K

\$6K ongoing

Spring 2018