Continuation of Discussion on Demographic Trends in California and Implications for Enrollment and Diversity
November 16, 2016
University of California’s commitment to California

• Serving state residents as California’s public land grant university

• Advancing teaching, research, and public service

• Meeting California Master Plan obligations
  – Serving as state’s primary academic research institution
  – Providing undergraduate, graduate academic, and graduate professional education
Master Plan Specifics for UC

• Set eligibility requirements that identify the top one-eighth of California public high school students. UC policy guarantees admission to all California resident freshman applicants who meet eligibility requirements.

• Offer a path to bachelor degree completion for all eligible California resident transfer applicants, including those not eligible at high school graduation.

• Serve as segment of the State’s public higher education system with primary responsibility to
  – Perform research
  – Award master’s and doctoral degrees in support of the research mission
  – Award professional degrees in law, medicine and other professional fields
Statewide demographic trends, particularly college age population
California is expected to grow to 47.2 million by 2040

Growth in state population from 2010 to 2040
(Number reported in millions)

Source: California Department of Finance
As baby boomers reach retirement age, a large number of workers with college degrees will leave the workforce.

State population by age group from 2010 to 2040

College age population expected to grow by 200K

Source: California Department of Finance
Population growth areas provide additional opportunities
College-age (18-24) from 2010 to 2040
(Number reported in thousands)

**College Age Population, 2040**
- Southern Central Valley: 370
- San Francisco Bay Area: 709
- San Bernardino/Riverside: 530
- Northern Central Valley: 240
- Sacramento Area: 259
- Northern California: 131
- Central Coast: 87
- San Diego-Imperial: 386
- South Coast: 177
- Orange County: 274
- Los Angeles: 963

**Growth from 2010 to 2040**
- Southern Central Valley: -100
- San Francisco Bay Area: 0
- San Bernardino/Riverside: 0
- Northern Central Valley: 54.9
- Sacramento Area: 36.1
- Northern California: 7.3
- Central Coast: -100
- San Diego-Imperial: -100
- South Coast: -100
- Orange County: -100
- Los Angeles: -100

**Change by Race/Ethnicity**
- African American
- American Indian
- Hispanic/Latino(a)
- Asian & Nat Haw/Pac Isl
- White
- Other

Source: California Department of Finance
Pipeline trend and projections
Despite projections, California high school graduates have increased and continued growth is expected.
Greater gain in graduation rates for underrepresented minorities, but room to improve A-G completion

California high school graduation and A-G completion rates

Source: California Department of Education
Opportunities exist to increase qualified UC freshman applicants

Count and Proportion of Underrepresented Minority Students
CA’s school age population, public high school grads, and UC, 2014-15

<table>
<thead>
<tr>
<th></th>
<th>African American</th>
<th>American Indian</th>
<th>Hispanic/Latino(a)</th>
<th>URM Total</th>
<th>URM Total* (2016 est)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA 15 to 17 yr olds</td>
<td>90,000</td>
<td>4,500</td>
<td>776,000</td>
<td>870,500</td>
<td>56%</td>
</tr>
<tr>
<td>CA Public HS graduates</td>
<td>26,400</td>
<td>2,700</td>
<td>212,000</td>
<td>241,100</td>
<td>56%</td>
</tr>
<tr>
<td>A-G completion</td>
<td>8,600</td>
<td>800</td>
<td>73,300</td>
<td>82,700</td>
<td>45%</td>
</tr>
<tr>
<td>UC applicants from CA pub HS</td>
<td>3,597</td>
<td>169</td>
<td>32,018</td>
<td>35,784</td>
<td>41%</td>
</tr>
<tr>
<td>UC admits from CA pub HS</td>
<td>1,437</td>
<td>91</td>
<td>16,200</td>
<td>17,728</td>
<td>34%</td>
</tr>
<tr>
<td>UC enrollees from CA pub HS</td>
<td>769</td>
<td>45</td>
<td>8,970</td>
<td>9,784</td>
<td>34%</td>
</tr>
</tbody>
</table>

*Note: Includes all California high schools

Source: California Department of Education and University of California
Opportunities exist to increase proportion of CCC transfer-ready students and qualified transfer applicants

Count and Proportion of Underrepresented Minority Students
CCC and UC, 2014-15

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<tr>
<td>CCC enrollment (degree &amp; certificate seeking)</td>
<td>90,800 7%</td>
<td>5,800 0.5%</td>
<td>551,700 43%</td>
<td>648,300</td>
<td>51%</td>
</tr>
<tr>
<td>CCC transfer ready</td>
<td>5,200 4%</td>
<td>400 0.3%</td>
<td>43,300 37%</td>
<td>48,900</td>
<td>42%</td>
</tr>
<tr>
<td>UC applicants from CCC</td>
<td>894 4%</td>
<td>50 0.2%</td>
<td>7,229 28%</td>
<td>8,173</td>
<td>32%</td>
</tr>
<tr>
<td>UC admits from CCC</td>
<td>510 3%</td>
<td>33 0.2%</td>
<td>4,684 27%</td>
<td>5,227</td>
<td>30%</td>
</tr>
<tr>
<td>UC enrollees from CCC</td>
<td>373 3%</td>
<td>24 0.2%</td>
<td>3,358 26%</td>
<td>3,755</td>
<td>29%</td>
</tr>
</tbody>
</table>

Source: California Community College Central Office and University of California.
Efforts to Improve College Preparedness and UC Applicants
Educator programs increase California’s college-ready population

- 26% of new math and science credential holders received a UC undergraduate degree
- More than 30,000 teachers from nearly 6,000 schools participate in the California Subject Matter Project (CSMP)

Source: University of California Accountability Report
Student programs increase California’s college-ready population

- SAPEP students are more likely to complete “a-g” and go to college
  - 78% compared to 42% all CA public HS graduates complete “a-g”
  - 61% compared to 41% of all CA public HS graduates take the SAT or ACT
  - SAPEP students enroll at UC at higher rates

Source: University of California Accountability Report
Technology initiatives improve “a-g” access and completion for more California students

- Ensuring “a-g” progress and completion: Transcript Evaluation Service
  - “A-g” analytics for every student, every grade

- Expanding “a-g” pathways: UC Scout
  - Online “a-g”, honors and Advanced Placement courses
If preparation is key...

- Securing a legacy: The “a-g” college preparatory curriculum
- Advancing a legacy: UC Curriculum Institutes (UCCI).
- Helping students see UC as affordable and accessible: Achieve UC
...applying is essential

- Extending the Application Period
- Emphasizing ELC and UC for You
- Expanding Community College Partnerships
- Expanding Service to California’s Counselors and Advisors
Importance of Increasing Graduate Enrollment
UC enrollment has quadrupled over the past 50 years, with majority of growth at the undergraduate level.

Source: UC Accountability Report.
The proportion of graduate students has declined and remains lower than peer institutions.

Proportion of graduate enrollment at UC and comparison institutions
Fall 2014

- University of California: 21%
- All 8 Comparison Institutions: 35%
- Public Comparison Institutions: 32%
- Private Comparison Institutions: 63%