



Matching Program Mission to Student Goals in Master's Education

Council of Graduate Schools

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San José State
UNIVERSITY



Panelists

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Council of Graduate School information

- 90% of post graduate degrees are master's level degrees
- Students demanding that the "degrees be career oriented, affordable, and accessible"
- "Many employers are now choosing to hire graduates of master's programs"



Graduate Degrees awarded (US) in 2007-08

	<u>Master's</u>	<u>Doctorate</u>
	488,133	55,962
<u>Type</u>		
RU/VH	29.0%	63.3%
RU/H	18.7%	20.0%
Doc/Res	11.3%	8.2%
Master's	37.9%	4.0%
Other	3.2%	4.5%

Reference: CGS Graduate Enrollment and Degrees: 1998 to 2008



Case study: California

- One of the largest economy in the world
- Demographics predict changing demographics in the US
- 1960 Master Plan for Higher Education
 - UC = primary academic research institution with Ug., Grad and Professional education.
 - CSU = Ug. & grad education through the Master's degree.
 - <http://www.ucop.edu/acadinit/mastplan/welcome.html>

Master's degree growth

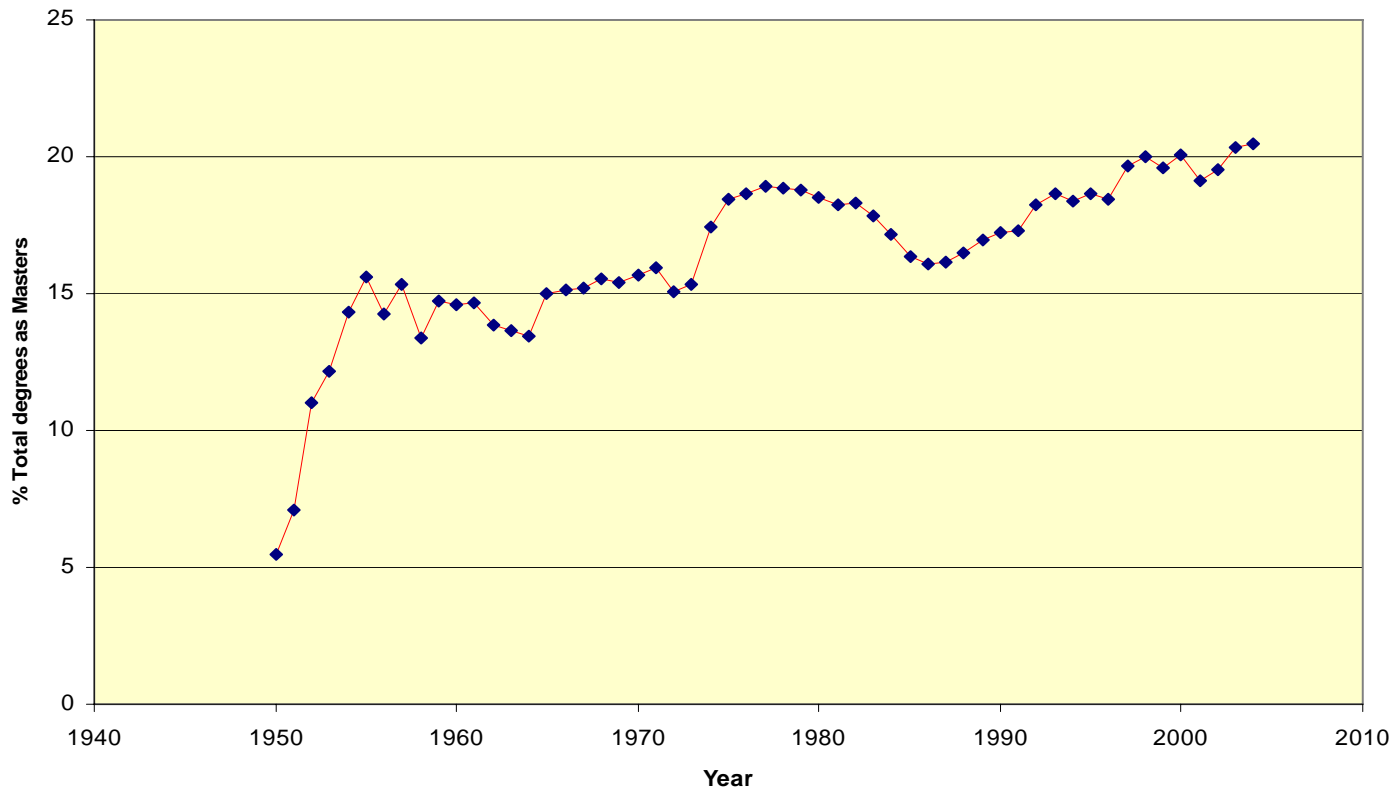
Observation:

Since 1950, the California State University System has experienced steady growth in the number of Master's degrees granted.

The CSU in general has not solicited the increase in graduate education at the Master's level.



% Total CSU degrees as Master's



CSU Master's degrees by ethnicity

Ethnic Group	Number	%
African American	896	5.2
Amer. Indian	118	0.7
Asian Amer.	1859	10.8
Filipino	325	1.9
Mexican Amer.	1550	9.0
Other Latino/a	684	4.0
Pacific Islander	53	0.3
White	6999	40.6
Unknown	2375	13.8
Non-resident alien	2361	13.7
Total	17220	





Bureau of Labor Statistics

2004-2005 Occupational Employment Projections by Daniel E. Hecker

- 18.9 M new jobs
- 6 M of the growth will occur in the Professional & related sector:
 - 1.756 M Health care practitioners
 - 1.740 M Educators, trainers, library
 - 0.967 M Computer & Math Sci

Ideas for consideration:

- Observed increase in Master's degrees with little institutional cultivation.
- Student and employer demand appear to be driving the increase.
- Considerable job growth in the next 10 years will be in the "knowledge worker" sector.





Consider:

- What would be the result of actively cultivating Master's degree programs?
- The CSU case is a focus on Master's degrees as terminal degrees.
- Can Research I and Doctoral-granting institutions grant Master's degrees as terminal degrees as well as bridges to the Ph.D.?



Overview of Panelists' contributions

- Consider the Canadian model of master's degrees first; sub-set continue to doctoral work. Completion rates data.
- What do students in master's programs say about their degree "outcomes" by discipline.
- What are guides to effective practices in master's granting institutions?

References

1. Master's Education: A Guide for Faculty and Administrators. Council of Graduate Schools. 2005
2. CGS 2005 Report
3. UC Office of the President:
<http://www.ucop.edu/acadinit/mastplan/welcome.html>
4. <http://www.calstate.edu/as/abstract.shtml> CSU Statistical Abstracts. 2004
5. Bureau of Labor Statistics. 2004-2014 Occupational Employment Projections. Daniel E. Hecker

