# Council of Graduate Schools $50^{\text {th }}$ Annual Meeting Washington, DC December 1, 2010 <br> 2-4:30 PM 

Workshop on
Strategies for Effective Diversity Programs in Graduate Schools

Daryl E. Chubin, American Association for the Advancement of Science Janet C. Rutledge, University of Maryland, Baltimore County Sweeney R. Windchief, University of Utah

## Issues/Themes for Presentation \& Discussion

1. Assumptions \& Approaches
2. Diversity \& Inclusiveness as Institutional Goals
3. National Context: Data on Faculty \& Student Participation
4. Local Context: How Law \& Policy Constrain Programs
5. What to Measure, Analyze, \& Apply
6. Outcomes: Changing Climate \& Culture
7. Monitoring Participants: Students, Faculty, Leaders, Staff
8. Take-home Lessons: Calibrating Your Campus

## Council of Graduate Schools

50th Annual Meeting
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Strategies for Effective Diversity Programs in Graduate Schools: What's Legally Sustainable?

Daryl E. Chubin, AAAS Capacity Center
American Association for the Advancement of Science

## Problem Thread of Capacity Center Work

- Who participates in STEM education \& the workforce-who does not and why?
- How can institutions of higher education improve academic success, career advancement, and utilization of talentstudents to faculty and other professionals?
- How does Federal policy help/hinder?


## Definitions-Mind the Language

- Diversity: a condition, a starting point, a means of achieving goals-not an end in itself ("visible diversity" as symbolism too often displaces "enacted diversity" or deeds)
- Underrepresentation: a statistical concept that measures participation/presence relative to a denominator (not to be confused with diversity)
- Affirmative action: an action to help accomplish a stated goal, e.g., achieving diversity. As a legal concept, it permits taking certain characteristics of the individual into account, all other things being equal, i.e., meritorious (and has nothing to do with preferences, quotas, or reverse discrimination)


## The Reach of Underrepresentation

Underrepresentation of this magnitude in the S\&E workforce stems from the underproduction of minorities in S\&E at every level of postsecondary education:

- 38.8 percent of K-12 public enrollment
- 33.2 percent of the U.S college age population
- 26.2 percent of undergraduate enrollment
- 17.7 percent of those earning S\&E bachelor's degrees
- 17.7 percent of overall graduate enrollment
- 14.6 percent of S\&E master's
- 5.4 percent of S\&E doctorates.

Source: The National Academies, Expanding Underrepresented Minority Participation, Sept. 2010

## Coherent Policy Design:

## Mapping the University of Michigan Model

Educationally sound and legally defensible race-/ethnicity-conscious practices must be the product of a well-designed, institutionally aligned, and integrated process.


Arthur Coleman, Esq., or Steven Winnick, EducationCounsel LLC, Washington, D.C. www.educationcounsel.com
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## Doctoral Diversity: More Degrees for Blacks, Hispanics

The total number of doctorates awarded to all U.S. citizens and permanent residents has been flat since 1998, but degrees for blacks and Hispanics have grown, by one-quarter and one-third, respectively. The number of women earning doctorates surpassed those received by men in 2002, and has continued to grow.

## Doctorates Earned by Minority-Group Members Who Are U.S. Citizens, 2008

The bars highlight the percentage of all doctorates in each discipline awarded to members of the most prominent racial groups. The table below includes details by field for all racial groups and women.


## Doctorates Earned by Minority-Group Members Who Are U.S. Citizens, 2008

This table shows the percentage of all doctorates in each discipline awarded to members of racial groups and women.
$\left.\begin{array}{lccccccc} & \text { Black } & & \text { Hispanic } & & \text { Asian } & & \text { Women }\end{array} \begin{array}{c}\text { Number of } \\ \text { degrees }\end{array}\right)$

Note: Percentages represent the shares of all doctorates awarded. Figures include permanent residents. People classified as Hispanic may be of any race. American Indian/Alaska Natives vary from zero to 0.7\%. Percentages for Asian recipients do not include Native Hawaiians or other Pacific Islanders. Percentages are rounded. N/a means that figures were not available. Source: National Opinion Research Center at the U. of Chicago for U.S. government agencies, published in The Chronicle of Higher Education, 9-19-10.

## Enter the Law

. . . Where the answer to any question is seldom yes or no.

Rather, it depends. . . Context matters.

Handbook on Diversity and the Law-
Navigating A Complex Landscape to Foster Greater Faculty and Student Diversity in Higher Education


## Applicable Federal Laws

- Equal Pay Act of 1963—prohibits sex discrimination in compensation
- Civil Rights Act of 1964—outlaws race discrimination in schools \& discrimination in employment based on race, sex, religion, and national origin; establishes Equal Employment Opportunity Commission as enforcer
- Title IX 1972—any educational program receiving federal funds may not discriminate based on sex
- Americans With Disabilities Act of 1990—bars discrimination in employment based on disability; bars discrimination by public and private entities in providing programs or services
- Civil Rights Act of 1991—amends and strengthens 1964 civil rights laws; establishes the Glass Ceiling Commission (19911996)


## Laws Re: Science and Engineering*

- The Perkins Act of 1978 - to open vocational training, required each state to hire a sex-equity coordinator; truncated in 1998
- Equal Opportunities for Women and Minorities in Science and Technology Act of 1981 - NSF should encourage all groups; offer a suite of targeted programs; report national statistics every two years
- Commission on the Advancement of Women and Minorities in Science, Engineering, and Technology Development 1998 Land of Plenty report, a.k.a. Morella Commission; BEST reports, 2002-2004
- U.S. Government Accountability Office Report on Gender Issues 2004 - Title IX applies to science and engineering in higher education more compliance reviews needed as enforcement is inadequate
*applies to all federal contractors, e.g., grantee institutions


## Complicated Legal Landscape: Different Legal Justifications Are Required For Employment and Students

## Employment-Remedial

- Equal Protection Clause
o Public Institutions
- Title VII (Race, Ethnicity, Gender, Religion)
o Private (>15 Employees), Public employers
- OFCCP--Executive Orders (Race, Ethnicity, Gender, Religion)
o Federal Contractors
- Title VI (Race/Ethnicity); Title IX (Gender)
o If Purpose Of Federal Funding Is Employment Or Employment Confers An Educational Benefit
o Overlaps With Title VII


## Student Programs-Diversity

- Equal Protection Clause (EPC)
o Public Institutions
- Title VI (race)
o Whole Operation Of Federal Funding Recipient, Including Employment If It Is The Purpose Of Funding Or Confers An Educational Benefit
o EPC Principles To Privates
- Title IX (gender)
o Whole Operation Of Federal Funding Recipient, Including Employment.
o EPC Principles To Privates


## Some Possible "Do's": Chairs

- List peer institutions by department/discipline.
- Benchmark your unit against these departments and all institutions nationally regardless of type.
- Establish a timeline for diversifying your faculty (baseline + interim goals) consistent with university affirmative action plan.
- Assess your unit's "climate"-survey faculty and grad students. If possible, disaggregate results by gender, race/ethnicity, rank, etc. (without disclosing individual identities).


## Some Possible "Do's": More for Chairs

- Use your postdoc pool to develop potential faculty hires.
- Establish a research relationship with a minority-serving institution, which becomes a source of graduate student and faculty talent (for exchange and possible hire).
- Hold faculty accountable for the "in-the-trenches" work that goes on at a subdisciplinary/specialty level.
- Create a part-time (or release time) position to implement the unit's search, recruitment, and hiring plan.
- Consult the Dean and/or the General Counsel's offices if you question the propriety/legality of a part of your process.


## Bottom Line: The Faculty Search Process

- Focus on the adequacy of the outreach process.
- Task individual faculty members with contacting colleagues to identify potential candidates.
- Examine the resulting diversity of the candidate pool.
> If you have not done all possible outreach and the pool is not diverse, the outreach, not the pool, is inadequate.
$>$ Terminating a search is an option.


## Beware . . .

- In "target of opportunity" faculty hiring . . . the Provost establishes a central fund for faculty hiring that especially advances priorities in the institutional mission. This is commonly seen in many NSF-ADVANCE projects, as well as in medicine, law, and business schools.
- The key is to reward the unit's behavior without punishing the new hire . . .

If there is "affirmative action backlash," i.e., the suspicion that the position was not "earned" or dilutes faculty quality, then the good intention is a disservice to the individual and may adversely affect unit climate and morale.

## Some Possible "Do's": Deans

- Recognize that the college/school must diversify bottom to top, i.e., undergraduates, staff, faculty, chairs.
- Establish a timeline (3-5 years) for achieving faculty diversity goals (recruitment and retention) consistent with university's affirmative action plan.
- Hold department chairs accountable for making progress (increase over baseline) toward faculty hiring and retention goals.
- Monitor across the college. Provide feedback. Be competitive and impatient, but prudent.


## An Empirical Basis for Optimism in Faculty Hiring

"One of the most important findings from our research is that success in faculty diversity is no mere historical accident. A significant amount of the variation in faculty diversity reflects individual university effort and practice-strategies that can be replicated at other institutions."
source: University Leadership Council, Breakthrough Advances in Faculty Diversity, 2008, p. 14

## Key Sources of My Remarks

- Handbook on Diversity and the Law: Navigating A Complex Legal Landscape To Foster Greater Faculty and Student Diversity In Higher Education, Burgoyne et al., AAAS-AAU, 2010, http://php.aaas.org/programs/centers/capacity/publications/complexlandscape/PDFs/La wDiversityBook.pdf
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- Breakthrough Advances in Faculty Diversity, University Leadership Council, 2008, http://www.educationadvisoryboard.com/ulc council services.asp


## To continue the conversation. . .

Daryl Chubin, Ph.D., Director dchubin@aaas.org 202-326-6785

## AAAS Capacity Center

 www.aaascapacity.org