

Primer on Diversity Barriers & Solutions

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Business Case (that is, the Academic Case in our context)

The Business Case for Diversity

"I see three main points to make the business case for diversity:

- A talent shortage that requires us to seek out and use the full capabilities of all our employees.
- The need to be like our customers, including the need to understand and communicate with them in terms that reflects their concerns.
- Diverse teams produce better results.

This last point is not as easy to sell as the first two-especially to engineers who want the data. What I need is the data, evidence that diverse groups do better."



http://www.sfgate.com/business/article/LEWIS-PLATT-An-Appreciation-He-embodied-the-2570016.php

Lewis Platt, former CEO of Hewlett Packard, comments to the Diversity Research Network, Stanford Business School, March 18, 1998.



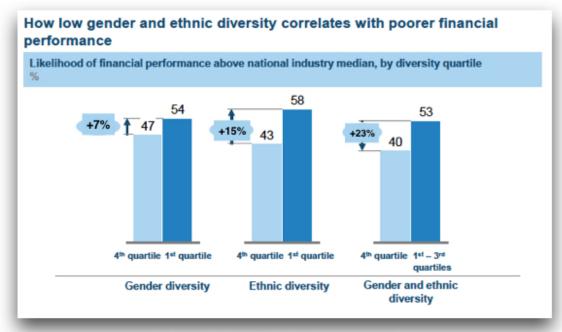






Business Case

- 366 public companies across a range of industries
- Relationship between leadership diversity and financial performance
- Data collected included the composition of:
 - top management and boards in 2014
 - financial data
 - earnings before interest
 tax for the years
 2010 2013

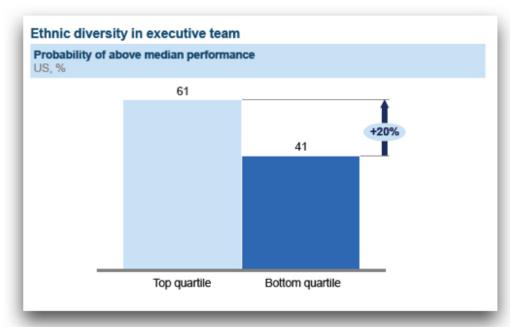


Diversity Matters, McKinsey & Company, 2015





Business Case



Diversity Matters, McKinsey & Company, 2015

- Relationship between ethnic diversity and performance:
- Top Quartile Diversity
- **Bottom Quartile Diversity**

⁽²⁾ Cummings, D. E., "The Evolution and Current Status of Process Safety Management Metrics," Process Safety Progress, 28 (2), pp. 147-155 (June 2009).





Apfelbaum, E. P., et al., "Rethinking the Baseline in Diversity Research: Should We Be Explaining the Effects of Homogeneity?," Perspectives on Psychological Science, 9 (3), pp. 235-244 (May 2014).

Business Case

- Benefits of significant expenditures & financial capital towards inclusive excellence: (1 & 2)
 - an edge in talent acquisition
 - employee engagement
 - retention
 - innovation
- Continued effort leads to sustained excellence in: (1 & 2)
 - performance
 - growth
 - profitability.

⁽²⁾ Cummings, D. E., "The Evolution and Current Status of Process Safety Management Metrics," Process Safety Progress, 28 (2), pp. 147-155 (June 2009).





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What Social Science Teaches us about Diversity Barriers





Schemas

- You throw like a girl
- Hypotheses used to make sense of the world (V. Valian)
 - **Positive**
 - Negative
 - Neutral











Schemas

Major US symphony orchestras study from 1970-1996

- Audition data from 14,000 individuals
- Screens used
- Probability that a woman will advance
- Roster data from 11 major orchestras show the switch to blind auditions accounts for 30% of the increase in the proportion of women among new hires*



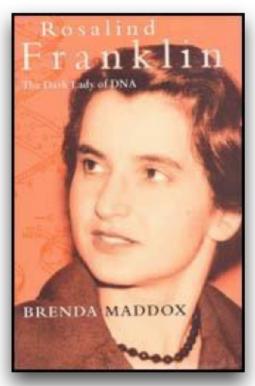






Stereotype Threat

- Rosalind Franklin was a victim of many biases, including stereotype threat
- A disruptive concern that one will be treated, judged, or evaluated through the lens of negative group stereotypes in a particular setting (C. M. Steelle)



http://spartacus-educational.com



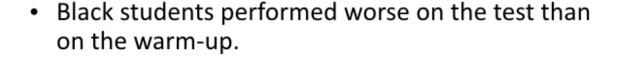
C. M. Steelle, "Stereotype Threat and the Intellectual Performance of African Americans," J. Pers. Soc. Psychol 69, 5 (1995).



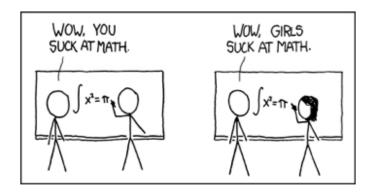
Stereotype Threat

Effects of stereotype threat on academic learning

- Black and White students studied rare words*
 - nonthreatening conditions
 - threatening conditions.
- Participants recalled word definitions
 - half in a nonthreatening "warm-up"
 - half in a threatening "test."



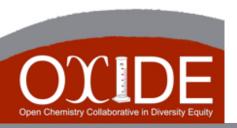
- Black students who had studied in the threatening rather than nonthreatening environment performed worse even on the warm-up.
- White students were unaffected.



http://steminist.com



*Taylor and Walton (2011), Pers Soc Psychol Bull, 37, 8,1055.



Microaggressions



http://itooamharvard.tumblr.com

- "I don't see color"
 - Does that mean you don't see me
- Microaggressions remind an outgroup member ("them") that he/she is not fully embraced by the ingroup member ("us")
 - Unconscious
 - Automatic
 - Subtle



G. Wong et al, "The what, the why and the how: A review of racial and microaggression research in psychology," Race Soc. Probl. 6, 2 (2014)



Microaggressions



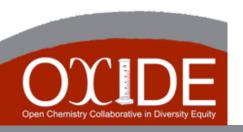
http://media.breitbart.com

- Loretta Lynch confirmation hearing to attorney general
- "You're not Eric Holder, are you?"+

- "[Law School] Teachers are overwhelmingly white, male, and middle class; and most (by no means all) black and women law teachers give the impression of thorough assimilation to that style, or of insecurity and unhappiness."* (D. Kennedy)
- Women and Minorities: "Offensive"
- White Male Response: "Dumbfounded"







Solo Status



http://itooamharvard.tumblr.com

694 (2002)

- "The lack of diversity in this classroom does NOT make me the voice of all black people"
- Being the only representative of a social category present*
 - Impacts performance & outcomes
 - Different than tokenism







Solo Status

Study on the effects of high and low status groups

- The lower your social status the more negatively impacted you are by solo status*
 - Women vs. Men
 - Black vs. White
 - White Female vs. Black Female vs. Hispanic Female
 - Asian vs. White[†]







Universal Design

- Americans with Disabilities Act (ADA)
 - A physical or mental impairment that substantially limits one or more of the major life activities
- Is a design principle that entails creating products and environments that are usable by all people to the greatest extent possible without the need for accommodation or modification





www.istockphoto.com http://www.hamiltonbeach.com thisoldhouse.com www.framesdirect.com http://pixshark.com/elevator-floor-indicator.htm



Implicit Bias



- "She has kids so she won't be able to keep up with her research...."
- "Implicit biases come from the culture. I think of them as the thumbprint of the culture on our minds. Human beings have the ability to learn to associate two things together very quickly that is innate."*



*Dr. Mahzarin R. Banaji, quoted in Hill, Corbett, & Rose, 2010



Implicit Bias

Impact of gender on job applications



- Evaluated identical application packages
 - Karen vs Kevin*
 - Greg vs. Jamal⁺
- Male application package preferred
 2:1









Lessons Learned from Industry about Diversity Barriers





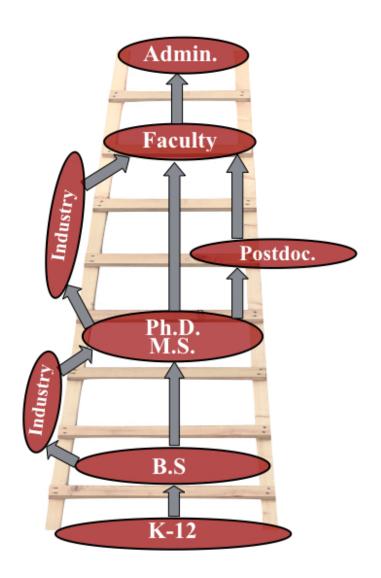
Diversity Barriers & Solutions

Implications for Department Heads and Champions

- Design targeted goals for every step of the ladder
- Faculty serve as levers for change
- Identify/recruit talent at all levels
- Work with each other through mechanisms such as NDEWs...

Stallings, D.; Iyer, S. K.; Hernandez, R., Effective usage of social media and #DiversitySolutions to discuss solutions to improve diversity. Diversity in the Scientific Community. American Chemical Society: 201X; Vol. XXXX, pp XXX-XXX.





Internally Assess

- Clear value proposition
 - Understand what you want your culture to be
 - lineup your leadership actions with your target culture
- Quantitative decision making^(1 & 2)
 - know your internal statistics
 - climate survey
 - utilize best "peer reviewed" practices
- Top down leadership
 - diversity management with actionable responsibilities
- Effective assessment
 - plan -> act -> analyze -> adjust
- Link to meritocratic culture
 - link diversity and inclusion to management efforts
 - (1) Prince, Sara., "Why Diversity Matters." www.mckinsey.com. McKinsey & Company, Jan 2015.
 - (2) Dobbin, F.; Kim, S.; Kalev, A., You can't always get what you need: Organizational determinants of diversity programs. American Sociological Review 2011, 76 (3), 386-411
 - (3) Scott Keller and Colin Price, Beyond Performance: How great organizations build ultimate competitive advantage, Wiley, 2011



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Build for the future

- Clear value proposition
 - Understand what you want your culture to be
 - lineup your leadership actions with your target culture
- Quantitative decision making
 - know your internal statistics
 - climate survey
 - utilize best "peer reviewed" practices
- Top down leadership (1, 2, 3)
 - diversity management with actionable responsibilities
- Effective assessment
 - plan -> act -> analyze -> adjust
- Link to meritocratic culture
 - link diversity and inclusion to management efforts
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Act

- Clear value proposition
 - Understand what you want your culture to be
 - lineup your leadership actions with your target culture
- Quantitative decision making
 - know your internal statistics
 - climate survey
 - utilize best "peer reviewed" practices
- Top down leadership
 - diversity management with actionable responsibilities
- Effective assessment⁽³⁾
 - plan -> act -> analyze -> adjust
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Wholesale Incorporation of policies

- Clear value proposition
 - Understand what you want your culture to be
 - lineup your leadership actions with your target culture
- Quantitative decision making
 - know your internal statistics
 - climate survey
 - utilize best "peer reviewed" practices
- Top down leadership
 - diversity management with actionable responsibilities
- Effective assessment
 - plan -> act -> analyze -> adjust
- Link to meritocratic culture (1)
 - link diversity and inclusion to management efforts
 - Every policy, protocol, hiring & promotion decision must reference your vision
 - (1) Prince, Sara., "Why Diversity Matters." www.mckinsey.com. McKinsey & Company, Jan 2015.
 - (2) Dobbin, F.; Kim, S.; Kalev, A., You can't always get what you need: Organizational determinants of diversity programs. American Sociological Review 2011, 76 (3), 386-411
 - (3) Scott Keller and Colin Price, Beyond Performance: How great organizations build ultimate competitive advantage, Wiley, 2011





#DiversitySolutions

Check out frequent updates on twitter (and oxide.jhu.edu)

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Diversity Barriers & Solutions

Implications for Department Heads and Champions

- There are many small barriers that hinder the success of all people, but people from URGs tend to be more adversely effected
- Design targeted goals to reduce barriers along every step of the academic ladder
 - This helps everyone!
- You and your faculty serve as levers for change because you set the example (and the policies!)

