



To seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.



Recruit/retain outstanding research workforce Enhance workforce

diversity Encourage innovation



NIH-Wide Strategic Plan





NIH Director, Dr. Francis Collins



We cultivate a culture of inclusion where diverse talent is leveraged to advance health discovery.

MISSION

Making NIH the premier place for diverse talent to work and discover.

VISION

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Guidance Strategy Customer Outreach Language Access Special Emphasis Portfolios Training Complaints Processing Counseling Data Analytics Policy



Management **Directive 715** (MD-715)

Cultivating a culture of inclusion with a 365-day approach to EEO reporting.



| | NIH Corporate |
|-----------|--|
| | Recruitment & Retention of |
| | 1. People with Disabilities |
| | American Indians/Alaska Nativ Hispanics |
| FEDERAL | |
| REPORTING | Biomedical |

/es

Recruitment & Retention of Black Tenured & Tenure Track Scientists/Investigators
 Asian/Pacific Islander Scientific Lab & Branch Chiefs



The EDI Website

Cultivating a culture of inclusion with a more informative, accessible, useful, and engaging online presence.





The EDI Blog

Cultivating a culture of inclusion by engaging readers in the concepts of equity, diversity, and inclusion.









To enhance the diversity of the scientific workforce through evidence-based research



COSWD

- 1 Expand Inquiry into the science of diversity
- Integrate diversity inclusion into policy and practice
- 3 Create seamless transitions for biomedical career advancement and progression
- A Promote the value of diversity in research excellence



What is the impact of diversity on the quality and outputs of research?

Identifying psychological and social factors that mitigate individual and institutional barriers to workforce diversity.

Which evidence-based approaches to training and persistence in biomedical research work? And in which contexts?

Develop a scalable strategy to effectively disseminate and sustain diversity within the nationwide scientific workforce.





QUESTIONS



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APPENDIX











| 13% - | Men Women | | | | |
|-------|-----------------|-----------------|--------------|------------|----------------|
| 90% - | vvomen | | | | |
| 68% - | | | _ | | |
| 45% - | | | | | |
| 23% - | | | | | |
| 0% - | Medical Student | Assistant Prof. | Assoc. Prof. | Full Prof. | Chairs/ Chiefs |





NIH Uncovers Racial Disparity in Grant Awards

40,069 titrique Ph.D. investigators 1149 no1 applications from black Ph.D.s 337 Forented analest to black applicants 185 Actual assists to black applicants

83,188 RD1 applications from Ph.D.s



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What does the research show?

THE BUSINESS

Diversity and Inclusion enhances performance but requires attent

- Workforce diversity is positively associated with higher business performance outcome measures.
- Racial diversity is positively associated with higher performance in organizations that integrate and leverage diverse perspectives as resources for product delivery
- Gender diversity is positively associated with more effective group processes and performance in organizations with people-oriented performance cultures
- 0 Diverse teams are more creative and perform better in problem solving than homogeneous teams. *
- The effects of diversity on group processes and performance are highly dependent on the presence of facilitating or inhibiting conditions in the organization; absent facilitating conditions, the aforementioned outcomes are reversed.

The Effects of Diversity on Suisless Performance. Region of the Diversity Research Henory, Nuewteet, 2002: File year longbadwar study on workford diversity and performance masses in Fortune (300 Companies. "What's Team Operational and Protocoling to the Comerci of Diversity Conference, Center to Chastles Landership, N.Y.U., A.P.A., October 1996.

What does the research show?

Diversity should be strategically aligned with business goals; diversity requires investment, but pays dividends.

- ⁸ Recit and gender diversity are pessiblely associated with higher establishment productivity, product quality, and economic benefits.
 Demographic bittlis is population portend shifts in purchasing power and consumer trends. Workforce diversity reflecting consumeritmated diversity results in:
 ⁸ New records development
- Consumer confidence
- Increased product/service marketability
- Significant revenue growth (e.g., McDonalds, Pepsi-Cola, IBM-3000% growth from 1998-2001 attributed to diversity market)*
- Discrimination and poor diversity management pose a human and economic cost:
- The average EEO complaintcosts the organization approximately \$250,000
 25-40% of workforce attrition rate and 5-20% in lost productivity can be attributed to poor diversity management; turnover costs 75-100% of the replaced employee's salary.
- THE ECONOMIC IMPERATIVE West-strategy and maintaining workforce diversity requires investment, but the return on the investment, in lenses and maintaining workforce diversity requires investment, but the return on the investment in lenses and an advantagement and the strategy in the strategy in the strategy in the strategy and and the strategy in the strategy and and strategy and and s
 - Worktow Devoluy and Producting: an analysis of Engloyee-Employee Matched Date, Linde Barring, The Contension Barest, and Kenneth R. Toolan, University of Manuar-Countain, April 19, 2009. Analysis of exaktions density and scoramic performance of antabilithments in manufacturing and trade, and anisis describe. "The New Divensity, Carol Hymoto, Well Stever Journal, November 14, 2005.

THE HUMAN

IMPERATIVE

What does the research show?

- Notwithstanding the economic costs, the human costs of intolerance to diversity is incalculable.
- Defining diversity solely as race and gender can have a detrimental effect: "understanding the multidimensional nature of identity is important in defining diversity in work teams."*
- A framework for diversity in work groups should include:**
 Personal demographics
- Knowledge, skills, and abilities
- Values, beliefs, and attitudes
- * Personality and cognitive and behavioral style
- Organizational demographics
- When defining diversity in multidimensional terms, including DIVERSITY OF THOUGHT, it naturally brings in aspects grounded in race, gender, and ethnicity.

*Thioma, S.M. (n press), lensity and the complexity of distribu-"McGrain, J., Bardal, J., & Pono, H. & pass), Train, Expensions, cubure and cluz: The dynamics of disemby in work groups. In S.E. Jackson & MAX Realizment (eds.), Thio than distoring, "Lengthes and perspectives: Washington, D.C. American Registrational Association.



Research

IMPACT OF DIVERSITY ON

ORGANIZATIONS

- Diversity and inclusivity are broadly and fundamentally relevant to institutions and societal systems. In other words, institutions that wish to achieve excellence must integrate diversity and inclusion into their core workings."
- Diverse teams are more creative and perform better in problem solving than homogeneous teams.**
- When teams are diverse, meaningful innovation is more likely to happen.***
- Ensuring that teams have diverse members is not an end in itself; the ultimate goal is to ensure diversity of thought.****
 Better communication:
- * Homogenous groups were more likely to assume that all group members shared the same information and perspectives and were therefore less likely to discuss all information than were the diverse groups, hindering their creativity and task performance.****
- Heterogeneous groups also have been found to have increased diligence in persuading or problem solving.*****

Citations

- * 1M. A. Nivet (2015). A Diversity 3.0 Update: Are We Moving the Needle Enough? Journal of the Association of American Medical Colleges. Retrieved from http://journals.lww.com/academicmedioine/Pages/articleviewer.a gst/Year=2015/lisisue=120003atricle=000138type=Fullted.
- **Page, S. (2007). The Difference. Princeton University Press.
- ***Feiler, 0. (2014). The Case for Diversity Gets Even Better. Harvard Business Review. Retrieved from: https://bir.org/2014/03/the-case-for-team-diversity-gets-evenbetter
- average and a set of the set o
- *****Phillips, K. A. "How Diversity Makes Us Smarter," Scientific American, September 16, 2014.