Council on Competitiveness

Challenges Facing PSM: Making the Business Case

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National Meeting

Master's Education in the Sciences & Mathematics

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What is the Council?

Nation's leading action group committed to an innovation platform to drive:

- U.S. productivity growth and high-value outputs
- Increasing U.S. living standards
- Success in global markets

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The Council's Innovation Platform

- Technology and talent critical to the nation's productivity, prosperity and global competitiveness
- Knowledge-based economy requires scientists, engineers to fuel innovation and a technically-trained workforce to deploy it

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PSM: Potential Contribution to National Innovation and Prosperity

- Integrates science and mathematics with training in business, law, other professional domains
- Embeds scientific knowledge in business management, high technology services, law
- Expands career opportunities for science and math students

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The Business Case for PSM

- 1st: PSM creates technically-trained, multidisciplinary professionals integrating scientific know-how into the nation's economic enterprise and extending innovative activity outside the R&D lab.
- 2nd: PSM programs create opportunities to tailor education to local business needs—as regional innovation systems demand specialized talent building on local industry strengths.

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The Business Case for PSM

- 3rd: PSM programs attract underrepresented groups into science-based disciplines.
- 4th: PSM programs—with American students constituting vast majority of current enrollments—hold promise of reversing reliance on foreign talent to sustain U.S. innovation leadership.

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Signs of Success

- **PSM Is Growing**
- **PSM Graduates Getting Jobs**—Well-paying jobs
- **PSM Leveraging National Talent**

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Next Steps in Support of PSM

- Raise visibility of PSM among key leaders in industry and government
  - OSTP & PCAST
  - The Hill
  - Regional Summits—promoting industry-university dialogue to leverage PSM option to support specialized regional talent needs
  - National Innovation Initiative