



CHARTER  
of the  
INTERAGENCY WORKING GROUP ON UNDERGRADUATE SCIENCE, TECHNOLOGY,  
ENGINEERING, AND MATHEMATICS EDUCATION  
under the  
FEDERAL COORDINATION ON SCIENCE, TECHNOLOGY, ENGINEERING, AND  
MATHEMATICS EDUCATION SUBCOMMITTEE  
COMMITTEE ON SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS  
EDUCATION  
NATIONAL SCIENCE AND TECHNOLOGY COUNCIL

**A. Official Designation**

The Federal Coordination on Science, Technology, Engineering, and Mathematics Education Subcommittee (FC-STEM Subcommittee) hereby establishes and designates an Interagency Working Group on Undergraduate STEM Education (IWG Undergrad). The IWG Undergrad is chartered under the FC-STEM Subcommittee, which operates under, was established by, and reports to the Committee on Science, Technology, Engineering, and Mathematics Education (CoSTEM).

**B. Purpose and Scope**

The purpose of the IWG Undergrad is to advise the FC-STEM Subcommittee on the implementation of the *Federal Science, Technology, Engineering, and Mathematics (STEM) Education 5-Year Strategic Plan*<sup>1</sup> (referred to as “the Plan”) as it relates to undergraduate education and training.

**C. Functions**

The Plan sets out ambitious national goals to guide the development and implementation of formal and informal STEM education efforts across the Federal government. The IWG Undergrad will make recommendations to the FC-STEM Subcommittee related to the goals in the Plan associated with short-, medium-, and long-term implementation and coordination in the STEM education priority area. To facilitate implementation of the Plan, the IWG Undergrad will report to the FC-STEM Subcommittee in each of the following areas:

<sup>1</sup> [http://www.whitehouse.gov/sites/default/files/microsites/ostp/stem\\_stratplan\\_2013.pdf](http://www.whitehouse.gov/sites/default/files/microsites/ostp/stem_stratplan_2013.pdf)

- Programmatic efforts to support priority goal implementation related to undergraduate education;
- Models that optimize agency capabilities and coordination across agencies to achieve the most significant impact of Federal STEM education investments in undergraduate education; and
- Effective and promising programs and practices that could be used across agencies and shared with the public to improve the impact of Federal investment in undergraduate STEM education.

#### **D. Membership**

The following departments and agencies are represented on the IWG Undergrad:

Department of Agriculture;  
 Department of Commerce;  
 Department of Defense (Co-chair);  
 Department of Education;  
 Department of Energy;  
 Department of Health and Human Services;  
 Department of the Interior;  
 Department of Transportation;  
 Environmental Protection Agency;  
 National Aeronautics and Space Administration;  
 National Science Foundation (Co-chair); and  
 Smithsonian Institution.

The following components of the Executive Office of the President are also represented on the IWG Undergrad:

Domestic Policy Council;  
 National Economic Council;  
 Office of Management and Budget; and  
 Office of Science and Technology Policy.

Cooperating departments and agencies shall include such other Executive organizations, departments, and agencies as the Co-chairs may designate.

#### **E. Private-Sector Interface**

The IWG Undergrad may seek advice from the President's Council of Advisors on Science and Technology (PCAST), and will recommend to the FC-STEM Subcommittee and/or the CoSTEM the nature of any additional private-sector<sup>2</sup> advice needed to accomplish its mission. The IWG Undergrad may also interact with and receive ad-hoc advice from various private-sector groups as consistent with the Federal Advisory Committee Act.

<sup>2</sup> The Federal Advisory Committee Act, 5 U.S.C. App., as amended, does not explicitly define "private-sector," but the phrase is generally understood to include individuals or entities outside the Federal government such as, but not limited to, the following: non-Federal sources, academia, State, local or Tribal governments, individual citizens, the public, non-governmental organizations, industry associations, and international bodies.

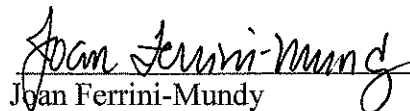
**F. Termination**

Unless renewed by the Co-chairs of the FC-STEM Subcommittee prior to its expiration, the IWG Undergrad shall terminate no later than May 20, 2018.

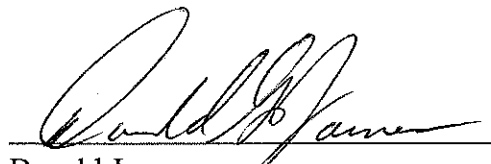
**G. Determination**

We hereby determine that the establishment of the IWG Undergrad of the FC-STEM Subcommittee is in the public interest in connection with the performance of duties imposed on the Executive Branch by law, and that such duties can best be performed through the advice and counsel of such a group.

Approved:

  
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Joan Ferrini-Mundy  
Co-chair of the FC-STEM Subcommittee, and  
Assistant Director for Education and Human Resources  
National Science Foundation

1/13/16  
Date

  
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Donald James  
Co-chair of the FC-STEM Subcommittee, and  
Assistant Administrator for the Office of Education  
National Aeronautics and Space Administration

1/13/16  
Date

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