

NSF PROPOSAL TEMPLATE
Results From Prior NSF Support
To be used *on or after* January 14, 2013

(a) NSF Award number, total award amount and period of support

(b) Project Title

(c) Summary of the Results of the completed work, including accomplishments, described in two separate sections: **Intellectual Merit and Broader Impacts**

(d) Publications resulting from the NSF award

(e) Evidence of research products and their availability, including but not limited to: Data, publications, samples, physical collections, software, and models, as described in any Data Management Plan, and if the proposed plan is for **renewal support** a description of the relation of the completed work to the proposed work

Sample text for renewal support description (e):

(e) Data#1, Publication#1, Publication#2, Software#1, etc. An important aspect of our proposed future work is the investigation of well-defined hybrid Au/TiO₂ structures. In prior work, we developed methods for synthesis of well defined oxide nanostructures on Au(111) (Figure 5). Our group and others have developed general methods for making these structures and by using different growth conditions can vary their size, composition and morphology[43-47]. Importantly, the ceria and titania structures on Au(111) are active catalysts for the water gas shift reaction[14, 15]. In our proposed work, we will use these materials to probe for preferential adsorption or reaction of organic oxygenates and of oxygen near the interface between the TiO₂ and the Au.

Source: THE NATIONAL SCIENCE FOUNDATION PROPOSAL AWARD POLICIES AND PROCEDURES GUIDE, OCTOBER 2012, EFFECTIVE JANUARY 14, 2013, NSF 13-1, Part I - Grant Proposal Guide

http://www.nsf.gov/pubs/policydocs/pappguide/nsf13001/gpg_index.jsp

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