ATTACHMENT 2

CHANGES to the SED 2016 Questionnaire from the SED 2015 Questionnaire:

PART A- Education

SED15 Ques#	SED16 Ques #

A4.

A4. *Source of Financial Support.*
"Did you receive full or partial tuition remission (waiver) for your doctoral studies?"

Insert the following bolded words into the response labels, as follows:
__ No, I did not receive any tuition remission
__ Yes, I received **remission for** less than 1/3 of tuition
__ Yes, I received between 1/3 and 2/3 of tuition
__ Yes, I received **remission for** more than 2/3 of tuition, but less than full
__ Yes, I received full tuition remission

Rationale for change. Recommendation for change is based on methodological intent to reflect the question stem by including a reference to tuition remission.

PART B - Postgraduation Plans

SED15 Ques#	SED16 Ques #

B2.

B2. *Intention to take postdoc.* "Do you intend to take a 'postdoc' position?"

Move the position of the "postdoc" definition to before the question rather than after the question, as follows:

"A 'postdoc' is a temporary position primarily for gaining additional education and training in research, usually awarded in academe, industry, government, or a non-profit organization.

Do you intend to take a 'postdoc' position?"

Rationale for change. Intention is to improve comprehension by providing respondents with the definition of "postdoc" before asking the question.

B8.

B8. *Basic annual salary for principal job.* The respondent is asked to enter their expected annual salary in a verbatim box. This revision is to add a question below the verbatim box asking the respondent to identify the currency in which they reported their salary, if not U.S. dollars, as follows:

In which currency did you report your salary above?
___ U.S. dollars
___ Another currency – please specify_____

Rationale for change. Intention is to improve the data quality of salary verbatim response by ensuring that the correct currency is applied to the reported value.

PART C – Background Information

C4.

C4. *Parental education.* Add "Associate's Degree" as a response category when asking about highest education level attained by mother and father.

Rationale for change. The existing response categories of "Some college" and "Bachelor's degree" do not properly represent individuals who have earned a formal Associate's degree.

C15.

C15. *Request for SSN and contact information.* Italicize and bold "last four" in the following statement:

Please fill in the ***last four*** digits of your Social Security number.

Rationale for change. Annual feedback from respondents indicates security concerns about providing Social Security number. This revision is intended to reinforce that the request is only for the last four digits, not for the complete SSN, which is intended to further allay privacy concerns.

C16.

C16. *Respondent contact information.* This revision is to change the question stem to request the respondent's "mailing address" rather than "current address." In addition, the contact information will no longer be used for sending Missing Information Letters and only for any possible future research. Revision would read as follows:

C16. Please list your mailing address, an email address and telephone number where you can be reached for possible additional research follow-up.

Rationale for change. The purpose of the change will be to assure respondents that the information is only being collected to be able to mail information to them not to visit their physical addresses and to clarify the potential future use of this contact information.

FIELD OF STUDY

Every two years the Federal Sponsors of the Survey of Earned Doctorates meet to evaluate the taxonomy of fields of study used in the SED and to consider fields for addition to or deletion from the taxonomy. The survey contractor provides analytical support for this review, including tabulations of responses to the field of study questionnaire items and content analyses (followed by tabulations) of verbatim responses. Field of study responses not currently in the taxonomy but which appear in the verbatim responses of many respondents over the most recent three year period are considered "possible emerging fields" and become candidates for addition to the SED taxonomy. Fields of study currently in the taxonomy that are not selected by many respondents over the most recent three year period become candidates for deletion from the SED taxonomy. Additional information sources – including scans of university websites, reference to the Classification of Instructional Programs (CIP) taxonomy, and the Federal Sponsors' subject-area expertise – are brought to bear on the decisions to add or delete particular fields of study.

As a result of the latest (December 2014) field of study review by the Federal Sponsors, the following eight fields of study have been added to the SED taxonomy:

Description of field of study	Field of study code
Applied Linguistics	675
Chemical Biology	527
Cognitive Neuroscience	626
Community Psychology	642
Dance	796
Health Services Research	213
Marriage and Family Therapy/Counseling	610
Molecular Medicine	159

The Federal Sponsors identified one field to drop from the SED taxonomy:

Description of field of study	Field of study code
Folklore	725

Fields to consider for addition to or deletion from the SED Field of Study taxonomy on the 2016 and 2017 questionnaires

SED emerging field verbatim	Proposed field label	Initial NORC recommendation and explanation of proposed changes	Sponsor recommendation at Sponsors' Meeting (12/17/2014) and, if deferred, final decision (2/19/2015)
Applied Linguistics	Applied Linguistics	Add field as 675 Applied Linguistics. Applied Linguistics has doctoral programs, professional associations, and publications that are distinct from Linguistics. Proposed a Social Science field code because Linguistics is a Social Science field on the SED taxonomy. Note, however, that CIP classifies both Linguistics and Applied Linguistics as Humanities fields, and all Applied Linguistics programs that are not in eponymous departments are in a Humanities field department (e.g., English).	Add field as 675 Applied Linguistics.
Chemical Biology	Chemical Biology	Add field as Chemical Biology, but uncertain where to place it in taxonomy (Biological Sciences versus Chemistry). No exact match in CIP, but Chemical Biology has doctoral programs, professional associations, and publications that are distinct from closely related fields. Field is highly interdisciplinary. Most degrees appear to be granted by Chemistry departments, however, doctorate recipients reporting this field picked more Biological/Biomedical Science field codes. Recommend consultation with field experts to determine placement in taxonomy.	Add field as Chemical Biology, but unsure where to place it in taxonomy (and what number to give it). Jennifer will consult with others. After consulting with Chemistry colleagues, Jennifer recommends: Add field as 527 Chemical Biology (within Chemistry major field)
Cognitive Neuroscience	Cognitive Neuroscience	Add field as Cognitive Neuroscience, but uncertain where to place it in taxonomy (Psychology versus Biological/Biomedical Sciences). The closest matching CIP field is Cognitive Science, which is positioned within the broad field Multi/Interdisciplinary Studies. NORC research indicates it is more related to Psychology fields than Biological/Biomedical Sciences: half of the identified doctoral programs are Psychology departments and the other half are interdisciplinary departments (focused around Neuroscience and related fields) or interdisciplinary programs specific to Cognitive Neuroscience. Most respondents reporting this field selected Psychology field codes on the questionnaire. In previous field of study reviews NORC did not recommend adding this field, but several new programs have been identified since the last review.	Add field as Cognitive Neuroscience, but unsure where to place it in taxonomy (and what number to give it). Jennifer and NSF will consult with others. After consulting with NSF colleagues, recommendation is: Add field as 626 Cognitive Neuroscience (within Psych major field), with cross-reference to field 160 Neurosciences & Neurobiology
Community Psychology	Community Psychology	Add field as 642 Community Psychology. Proposed label matches CIP field label and code matches CIP broad field. Community Psychology has doctoral programs, professional associations, and publications that are distinct from other Psychology fields.	Add field as 642 Community Psychology.

Fields to consider (continued)

Dance and Related Fields	Dance	<u>Add field</u> as 796 Dance. Proposed label matches CIP field label and code matches CIP broad field (VISUAL AND PERFORMING ARTS, which the SED includes under Other Humanities). Dance has doctoral programs, professional associations, and publications that are distinct from other performance fields.	<u>Add field</u> as 796 Dance.
Health Services/Health Services Research	Health Services Research	<u>Add field</u> as 213 Health Services Research. No exact match in CIP, though many closely related fields. However, Health Services Research has doctoral programs, professional associations, and publications that are distinct from closely related fields.	<u>Add field</u> (tentatively) as 213 Health Services Research. Jennifer may do additional research on this. After consulting with AHRQ colleagues, Jennifer recommends: <u>Add field as 213 Health Services Research</u>
Marital and Family Therapy	Marriage and Family Therapy/Counseling	<u>Add field</u> as 610 Marriage and Family Therapy/Counseling. Proposed label matches CIP field label. CIP field is listed under CIP broad field "HEALTH PROFESSIONS AND RELATED PROGRAMS", however, the most closely related fields on the SED are under Psychology. Departments granting these research doctoral degrees vary by field (e.g., Human Development & Family Studies, School of Counseling, Professional Psychology & Family Therapy, College of Education), and the field codes these respondents are selecting are diverse in terms of the broad field (see Tables 5.2 and 5.3), however, they are mostly Psychology fields. Marriage and Family Therapy/Counseling has doctoral programs, professional associations, and publications that are distinct from other Psychology fields.	<u>Add field</u> as 610 Marriage and Family Therapy/Counseling.
Molecular Medicine	Molecular Medicine	<u>Add field</u> as 159 Molecular Medicine. Proposed label matches CIP field label and code matches CIP broad field. Molecular Medicine has doctoral programs, professional associations, and publications that are distinct from other Biological/Biomedical and Health Sciences fields.	<u>Add field</u> (tentatively) as 159 Molecular Medicine. Jennifer may do additional research on this. After consulting with NIH colleagues, Jennifer recommends: <u>Add field as 159 Molecular Medicine</u>
		<u>Drop field</u> 724 Folklore.	<u>Drop field</u>.