**Biographical Sketch - 2 pages***updated for NSF GPG 16-1, effective 1/26/2016 – please delete this line*

**(a) Professional Preparation**

A list of the individual’s undergraduate and graduate education and postdoctoral training (including location) as indicated below:

|  |  |  |  |
| --- | --- | --- | --- |
| Undergraduate Institution(s) | Location | Major | Degree & Year |
| Graduate Institution(s) | Location | Major | Degree & Year |
| Postdoctoral Institution(s) | Location | Area | Inclusive Dates (years) |

**(b) Appointments**

A list, in reverse chronological order, of all the individual's academic/professional appointments beginning with the current appointment.

**(c) Products**

A list of: (i) up to five products most closely related to the proposed project; and (ii) up to five other significant products, whether or not related to the proposed project. Acceptable products must be citable and accessible including but not limited to publications, data sets, software, patents, and copyrights. Unacceptable products are unpublished documents not yet submitted for publication, invited lectures, and additional lists of products. Only the list of ten will be used in the review of the proposal.

Each product must include full citation information including (where applicable and practicable) names of all authors, date of publication or release, title, title of enclosing work such as journal or book, volume, issue, pages, website and URL or other Persistent Identifier.

If only publications are included, the heading "Publications" may be used for this section of the Biographical Sketch.

**(d) Synergistic Activities**

A list of up to five examples that demonstrate the broader impact of the individual’s professional and scholarly activities that focuses on the integration and transfer of knowledge as well as its creation. Examples could include, among others: innovations in teaching and training (e.g., development of curricular materials and pedagogical methods); contributions to the science of learning; development and/or refinement of research tools; computation methodologies, and algorithms for problem-solving; development of databases to support research and education; broadening the participation of groups underrepresented in STEM; and service to the scientific and engineering community outside of the individual’s immediate organization.