

NSF Pre-award and Post-award Disclosures^{1/2/3}
 Relating to the Biographical Sketch and Current and Pending Support
 April 20, 2022

Table Key

= for new support only

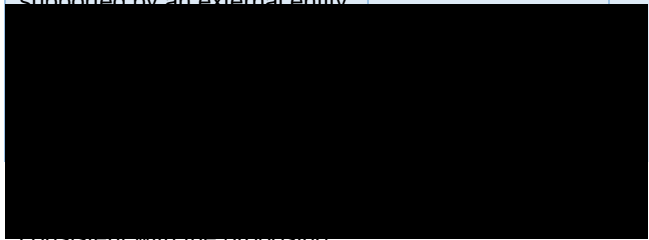
i = If undisclosed at the time of proposal submission

Type of Activity	Biographical Sketch	Current & Pending Support	Facilities, Equipment & Other Resources	Project Reports	PostAward Information Term & Condition	Disclosure Not Required
Undergraduate, graduate and postdoctoral training, including location, major/area and degree and year						
Academic, professional or institutional appointments, whether or not remuneration is received, and, whether fulltime, part-time, or voluntary						
All projects (including this project) currently under consideration from whatever source and all ongoing projects, irrespective of whether support is provided through the proposing organization, another organization or directly to the individual				✓*	i	

In-

NSF Pre-award and Postaward Disclosures
 Relating to the Biographical Sketch and Current and Pending Support
 April 20, 2022

Type of Activity	Biographical Sketch	Current & Pending Support	Facilities, Equipment & Other Resources	Project Reports	PostAward Information Term & Condition	Disclosure Not Required
In-kind contributions not intended for use on the project/proposal being proposed to NSF and have an associated time commitment				*	i	
Postdoctoral scholars, students, or visiting scholars who are supported by an external entity, and whose research activities are intended for use on the project/proposal being proposed to NSF						
Postdoctoral scholars, students, or visiting scholars who are supported by an external entity				*	i	



consistent with the proposing organization's "Outside Activities" policies and procedures

NSF Pre-award and Postaward Disclosures
 Relating to the Biographical Sketch and Current and Pending Support
 April 20, 2022

Type of Activity	Biographical Sketch	Current & Pending Support	Facilities, Equipment & Other Resources	Project Reports	PostAward Information Term & Condition	Disclosure Not Required
Honoraria ⁵						
Teaching commitments						
Startup company based on organization-licensed Intellectual Property (P)						

39.48 0965 0.48 re/a teta

tta

*ctap