



**Public Comment from the Federation of Associations in Behavioral & Brain Sciences
(FABBS)**

Re: Request for Information on Key Technology Focus Areas for the National Science Foundation's Directorate for Technology, Innovation and Partnerships

Date: July 21, 2025

FABBS recommends expanding the scope of all priorities to include explicit consideration of human users, human/AI teams, interactions, and limitations in the creation and development of technologies. Specifically, for Priority (1) FABBS encourages the inclusion of 'human-computer interaction, AI empowering jobs and workforce, and the iterative evolution of AI and human intelligence'. Priority (2) add 'human-robot interaction'. Priorities (5) and (6) add 'human cognition and decision making'. (8) consider human user errors and vulnerabilities. FABBS members caution that across priorities, technological innovation is never purely technical, but emerges from and reshapes economic, social, and political systems. Sociotechnical research helps ensure that new technologies are developed with a clear understanding of their real-world impacts, advancing effective and responsible outcomes.