

Amazing



Postdoc Opportunity:

\$75K/Year for 2 Years

As a current Phase II Small Business Innovation Research (SBIR) awardee from the National Science Foundation (NSF), Guiding Technologies may select one post doc to assist in the research. Opportunities are limited and go fast once the new cohort is announced.

Problem and Solution: Autism service providers strive to maintain program fidelity across instructors of varying experience while reducing unbillable time writing reports and coping with the lack of data integrity due to transcription errors and the problems inherent in paper-based systems. Guiding Technologies (GT), located in Philadelphia, PA, is a Temple University spin-off. GT is developing GAINS™ (Guidance Assessment & Information System) with support from the National Science Foundation (NSF). GAINS™ supports instructors in the continual decisions they need to make before and during therapy with unique and customized decision support based on the performance of the student and mastery criteria. GAINS™ collects data as a by-product of this support in a way that instructors can focus on the child and reduce the burdens and improve the accuracy of data collection, while reducing non-billable hours with the near real-time, automatic generation of clinical and management reports. For instructors and family members who need it, GAINS™ provides detailed step-by-step guidance. GT is currently funded by NSF to incorporate artificial intelligence (AI) into GAINS™.

What to do next: Check your eligibility and contact Dr. John Nosek without delay (609-605-9273; john.nosek@guidingtechnologies.com).

Program Overview (<https://nfsbir.asee.org/>): The Small Business Postdoctoral Research Diversity Fellowship Program aims to encourage creative and highly-trained minority and women recipients of doctoral degrees in NSF-supported science (including Psychology), technology, engineering and mathematical disciplines to engage in hands-on research projects in their areas of expertise at the kind of small innovative businesses that historically have fueled the nation's economic regime. Each research fellow will receive a stipend of \$75,000 plus health insurance benefits. Research fellows must devote their full time to the approved research programs and must be in residence at the sponsoring host laboratory during the entire period of their award. No additional monetary aid or other remuneration may be accepted by the research fellow from another appointment, fellowship, part-time teaching, research or other outside work.

To participate, the research fellow must:

- 1) possess at the time of fellowship a Ph.D., Sc.D. or other earned doctoral degree recognized in U.S. academic circles, in a NSF-supported STEM-related discipline, earned within seven years of their date of application, 2) be a U.S. citizen, U.S. national or U.S. legal permanent resident at the time of application, and 3) not have received a prior postdoctoral fellowship in a corporate laboratory for a term of more than six months.