Exciting Postdoc Opportunity: Leverage the NEON Biorepository for your NSF PRFB!

Are you ready to lead the next era of biology at the intersection of **Artificial Intelligence and Biotechnology**? The latest NSF Postdoctoral Research Fellowships in Biology (PRFB) solicitation (NSF 26-504) has been released, and it is a perfect opportunity to utilize the massive datasets of the **NEON Biorepository**.

The NSF specifically encourages applicants to leverage national biological infrastructure like **NEON** to accelerate discovery and innovation. As the PI of the NEON Biorepository, I would like to invite motivated researchers to apply with **Arizona State University (ASU)** as their host institution, where I can serve as your sponsoring scientist.

Why the NEON Biorepository at ASU is the ultimate host site:

- **Continental-Scale Samples:** Access a diverse array of over 1.2 million physical samples—including vertebrates, invertebrates, plants, and microbes—collected from 81 field sites across the U.S.
- **AI-Ready Data:** Our collections are 100% digitized and tied to rich, contextual environmental data, making them a "model dataset" for AI-driven analysis and the development of the Extended Specimen Concept.
- **Massive AI Investment:** ASU is "shaping the future" by investing heavily in AI through its Knowledge Core, fostering a campus-wide ecosystem of AI expertise in research and digital transformation.
- **Expert Environment:** ASU Biocollections is a unified, collaborative facility with deep expertise in biodiversity informatics, data science, and genomics, providing an ideal space for cross-training in AI and biology.
- **Collaborative Environment:** You will join a unified facility with expertise in biodiversity informatics, genomics, and machine learning

Fellowship Highlights:

- **Focus:** Intersection of AI and Biological Sciences to strengthen biotechnology.
- **Award:** $85,000 stipend + $25,000 research allowance) for 24 months.
- **Deadline:** September 29, 2026.
- **Eligibility:** Applicants must be U.S. citizens, nationals, or permanent residents.

Leverage the nation's premier biological infrastructure at a university that is at the absolute forefront of the AI revolution.

Interested? Let’s build a winning proposal together. Contact Dr. Hojun Song (**hojun.song@asu.edu)** to discuss how we can use ASU’s AI expertise and NEON’s massive datasets to accelerate your career!