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## The Creation and Evolution of a Dedicated Open Science Program

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**Title of the Session:**

The Creation and Evolution of a Dedicated Open Science Program

**Authors:** Melanie Gainey, Lencia Beltran, Katie Behrman, Emily Bongiovanni, Chasz Griego, Emma Slayton, Sarah Young

**Abstract (100-150 words):**

Open Science has emerged recently in the United States as a guiding force to make research more open, accessible, reproducible, and reusable. The Open Science & Data Collaborations Program (OSDC) was created at the Carnegie Mellon University Libraries in 2018 to help researchers navigate and integrate open practices. The OSDC program connects students and faculty with library services, training, and tools needed to make their research open and meet policy requirements. In 2021, the OSDC developed metrics to measure the program's impact. Presently, we are developing a needs assessment to understand open research practices and perspectives across our community. This lightning talk discusses the development of the needs assessment and how we plan to use results to improve our services and ensure we are serving all of CMU's diverse research communities.

**Desired Track:** Open Science

**Desired Session Type:** Lightning Talk

**Desired Date/Time Slot:** No preferences

**Optional DEI Statement (100-200 words):**

*If applicable, include a description of the presentation's diversity, inclusivity, and equity frameworks. Submit this as the main file on the submission form.*

Diversity, Equity, Inclusion, and Access (DEIA) is at the heart of the OSDC program at CMU and Open Science practices. The CMU Libraries play a significant role on campus in making higher education and science more equitable and accessible through Open Access, Open Educational Resources, and Open Science initiatives. Open Science practices that support DEIA include removing financial barriers to access and publish research, promoting interoperability and reusability of data, promoting collaboration across disciplines and geographic regions, and transparency in data collection methods. At CMU, our DEIA efforts are closely related and aligned with several of the United Nations Sustainable Development Goals (SDGs), including SDG #10: Reduced Inequalities. Open Science is also necessary and critical for the achievement of all of the SDGs, as it represents a more efficient and innovative way of doing research and solving complex problems. Our presentation will highlight current work on exploring the intersection of our Open Science program with diversity, equity, and inclusion, particularly through the lens of the SDGs.