



ASKS & OFFERS

Ways HELIOS Open members can help other sectors advance open scholarship

INCENTIVES

Explore practical ways to align higher education reward structures like hiring, tenure, and promotion with emerging governmental policies, philanthropic grant requirements, and disciplinary norms.

INFRASTRUCTURE

Develop a decision-making rubric to enable informed decision-making when buying, building, and/or sharing scholarly communication infrastructure.

MAKING OPEN EASIER

Develop a vision and timeline for an open scholarship support service that helps any researcher engage in any open scholarship activity, at any point in the research lifecycle.

Align and centralize existing training, help desks, and compliance resources to underpin the support service.

COLLECTIVE ACTION & SCALE

Engage HELIOS Open membership to collaborate across sectors on critical enablers of open scholarship such as incentives, training and guidance, and infrastructure decisions.

THOUGHT PARTNERSHIP & COLLABORATION

Provide collective feedback from a critical mass of heterogeneous institutions to test and implement other sectors' open scholarship priorities.

Collaborate on cross-sector efforts to measure and evaluate the impact of open scholarship interventions.

Ways other sectors can help HELIOS Open members advance open scholarship

INCENTIVES

Consistently include open practices in reward schemes (e.g., grants, awards).

Articulate discipline- and community-specific good practice guidance that can be adapted and adopted by colleges and universities at the departmental level.

INFRASTRUCTURE

Provide funding for shared scholarly communication infrastructure that promotes equity and sustainability.

Recommend sustainable and accessible infrastructure options for sharing research outputs.

PUBLIC ACCESS

Provide guidance and support to institutions and individuals to make policy compliance easier.

Harmonize agency policies, and explore alignment with emerging philanthropic norms.

Mandate licenses that promote reusability.

PERSISTENT IDENTIFIERS (PIDS), DATA, SOFTWARE AND CODE

Require [ORCID](#) in all grant proposals (public and private).

Embed key PIDs and metadata in end-to-end fashion across the research lifecycle.

Encourage the sharing of data, software, code, and any other outputs required to fully replicate and reproduce research findings.

Assess costs for data sharing and management and develop guidance and training to reduce burden on institutions and researchers.

THOUGHT PARTNERSHIP & COLLABORATION

Engage with HELIOS Open institutions to build, test, scale, and implement open scholarship priorities.

HELIOS Open is a cohort of 80+ colleges and universities committed to collective action to advance open scholarship. HELIOS Open emerges from the work of the National Academies of Sciences, Engineering, and Medicine's Roundtable on Aligning Incentives for Open Scholarship. This is a work product of the HELIOS Open Cross-Sector Alignment Working Group.