

# Measuring of interdisciplinary research success among science disciplines

1. **Collaboration Metrics:** Measure the extent of collaboration among researchers from different disciplines. This includes the number of interdisciplinary research projects initiated, joint publications, joint grant applications, and collaborations with industry or other external partners.
2. **Publication Impact:** Evaluate the impact of interdisciplinary research outputs by looking at citation metrics, such as citation counts and h-index, for papers published as a result of interdisciplinary collaborations. Additionally, consider the publication venues, whether they are interdisciplinary journals or prestigious journals within specific disciplines.
3. **Funding and Grants:** Assess the success rate of grant applications for interdisciplinary research projects. This includes the amount of funding secured for interdisciplinary research, the number of successful grant applications, and the diversity of funding sources (e.g., government agencies, industry partners, NGOs).
4. **Intellectual Property and Innovation:** Measure the creation and impact of intellectual property resulting from interdisciplinary research collaborations, such as patents, licenses, and spin-off companies. Assess the commercialization potential and societal impact of innovations arising from interdisciplinary research.
5. **Educational Initiatives:** Evaluate the integration of interdisciplinary research into educational programs and curricula. This could involve the development of interdisciplinary courses, programs, and workshops for students and researchers to foster interdisciplinary collaboration and knowledge exchange.

6. **Recognition and Awards:** Recognize and reward interdisciplinary research achievements through awards, and honors. This includes institutional awards for interdisciplinary research excellence, as well as nominations for prestigious national and international awards in science and innovation.

7. **Impact on Society and Policy:** Assess the societal impact and relevance of interdisciplinary research by examining its contributions to addressing complex real-world challenges and informing policy decisions. Measure the extent to which interdisciplinary research findings are translated into practical solutions and contribute to positive societal outcomes.

8. **Long-Term Sustainability:** Consider the sustainability of interdisciplinary research efforts over time. Evaluate the establishment of interdisciplinary research centers, institutes, and networks within the university to facilitate ongoing collaboration and knowledge exchange among scientists from different disciplines.