

**EXHIBIT 13.12**

**Metadisciplines, Metagenres, Examples**

Metadiscipline	Explanation	Typical Disciplines	Examples: Ways of Doing	Metagenre	Related Genres
Problem Solving	Disciplinary professionals use disciplinary knowledge and procedures to solve real-world problems for a targeted client.	Business, engineering, applied economics, agriculture, some subdisciplines in the social sciences	Finance professional proposes better way to forecast future value of a new product. Engineering team designs a lighter battery with a faster recharging time.	Practical proposal to solve a problem	<ul style="list-style-type: none"> <li>• Recommendation memo</li> <li>• Technical report</li> <li>• Feasibility studies</li> <li>• White paper</li> <li>• Management plan</li> <li>• Technical documentation</li> <li>• Funding proposal</li> </ul>
Empirical Inquiry	Researchers use disciplinary knowledge and procedures to advance empirical understanding of the world.	Physical and social sciences	Biologist studies energy transfer within cells. Psychologist studies effect of stress on test performance.	Experimental Research Report with IMRD structure (Introduction, methods, results, discussion)	<ul style="list-style-type: none"> <li>• Ethnography</li> <li>• Qualitative study</li> <li>• Technical description</li> <li>• Scientific article</li> <li>• Poster</li> <li>• Conference presentation</li> <li>• Research proposal</li> </ul>
Interpretive/Theoretical	Researchers interpret documents/artifacts/cultural phenomena through various theoretical lenses with expectations that problems will be continuously debated rather than "solved."	Humanities and interpretive disciplines within Fine Arts (such as art history)	Literary scholar uses New Historicist theory to interpret <i>Hamlet</i> . Historian uses archival documents and feminist theory to reinterpret medieval queenship.	Disciplinary journal article (no clear structural template)	<ul style="list-style-type: none"> <li>• Conference paper</li> <li>• Conference presentation</li> <li>• Book chapter</li> <li>• Book</li> <li>• Edited collection</li> </ul>
Performance	Ways of knowing result in performances.	Fine arts (such as dance, musical performance, sculpture), journalism, multimedia production, creative writing	Sculptor mounts a studio exhibit. Journalist writes a feature article.	Reflection/critique	<ul style="list-style-type: none"> <li>• Program notes</li> <li>• Reviews</li> <li>• Portfolio</li> </ul>

**Source:** Adapted with my own modifications from *Carter, 2007, 385-418*.