Multiple Forms of Scholarship Matrix

As stated in the Promotion Criteria: "Candidates for promotion may make contributions to the scholarship of discovery, the scholarship of integration, the scholarship of application and practice, the scholarship of teaching and learning, or the scholarship of engagement. Contributions may be in one area or across multiple areas of the continuum of scholarship. Scholarly contributions to any area or areas are valued equally by WPI."

The following descriptions and examples are not intended to be exclusive or exhaustive. Things will vary by discipline, department, or academic division. Therefore, this matrix is meant to be a guide and to help people think more about each area of scholarship, rather than be a checklist.

Scholarship Area	Brief Description	Products/Artifacts (work created by the candidate)	Evidence of Quality (evaluation of work created by the candidate)	Impact & Leadership (influence of work on others or the field)
Discovery	Creation of new disciplinary (or interdisciplinary) knowledge through creative/critical thought, research, and testing that is shared with others Example: empirical research	• Publications (articles, books, policy papers, etc; may be based on theses, MQPs, IQPs) • Presentations (conferences, round tables, webinars/virtual) • Inventions and patents • Grant proposals • Creative products (e.g., exhibits and performances) • Original creations in writing or multimedia, artistic works, or new technologies • Publicly available electronic resources (e.g., software, websites, databases, etc.).	• Peer-review and acceptance of artifacts • Journal impact factors (if appropriate) • Citation index (if appropriate) • Research productivity indices • Successfully funded competitive grants • Reviews of published work (e.g., books) • Awards and honors	• Citations of work by others • Designation as an expert: guest lecturer, invited speaker, keynote address, scholarship reviewer (grants, papers, books, conferences), tenure/promotion external reviewer, expert witness • Featured performances at international, national, or regional venues • Number of views, shares, likes for online dissemination of scholarship (e.g., podcasts, videos) • Editorship of high-quality disciplinary and interdisciplinary journals • Leadership in professional organizations and duration of such leadership

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Integration	Critical evaluation, synthesis, analysis, integration, or interpretation of disciplinary (or interdisciplinary) research or creative work produced by others Example: literature review, meta-analysis	• Reflective essays and reviews • Translations • Popular publications • Syntheses of the literature (e.g., literature reviews, meta-analyses, theory building papers) • Products/artifacts typical of discovery and application and practice	• Reviews in newspapers for a creative work • Book talks at universities and to public audiences • Examples where colleagues from inside or outside WPI have used the scholarship • Evidence typical of discovery, application and practice, teaching and learning, and engagement.	• Evidence that others or the field have been influenced by the outcome (e.g., adoption, changes in perspectives in field; sharing materials) • Public venues to share scholarship with non-specialist/non-academic audiences • Impact/Leadership typical of discovery, application and practice, teaching and learning, and engagement
Application and Practice	Use of a scholar's disciplinary or interdisciplinary knowledge to address important individual, institutional, and societal problems Example: development of a technology	• Translational research • Commercialization • Start-ups • Technology transfer • Technology development (e.g., assistive, learning) • Applied research supported by industry or government (e.g., policy adaptations, program recommendations, industry/government funding) • Products/artifacts typical of discovery and engagement	• Products shared with stakeholders and open to review and critique by stakeholders and by peers • Evidence typical of discovery, integration, teaching and learning, and engagement	• Consulting related to work • Approaches, methods, and tools, adopted and assessed by an end user(s) with positive results • Impact/Leadership typical of discovery, integration, teaching and learning, and engagement

Scholarship Area	Brief Description	Products/Artifacts (work created by the candidate)	Evidence of Quality (evaluation of work created by the candidate)	Impact & Leadership (influence of work on others or the field)
Teaching and Learning	Development and improvement of pedagogical practices that are shared with others Example: development and assessment of teaching/learning practices	• Assessment and evaluation of teaching and student learning (e.g., teaching portfolio, professional development of other teachers) • Development and dissemination of instructional materials used by others to improve pedagogy and learning (e.g., syllabi, notes, manuals, books etc.) • Products/artifacts typical of discovery, integration, application and practice (e.g., learning technologies)	• Products shared with other teachers at other universities or educational institutions • External reviews of pedagogical practices • Public dissemination (e.g., podcast, summative blogpost, public science communication campaign, etc.) • Evidence typical of discovery, application and practice, and engagement	• Wide Adoption of materials and methods by others (e.g., downloads, likes, shares) • Popular (3rd party) articles • Social media hits and followers • Impact/Leadership typical of discovery, application and practice, and engagement
Engagement	Collaborative partnerships with communities for the mutually beneficial exchange of knowledge and resources and/or transformation of communities through shared projects and research Example: Community-based programming (e.g., health assessments)	• Community-based programs that enhance curriculum, teaching and learning • Educational or public outreach programs • Partnerships with communities beyond campus to address critical societal issues, prepare educated citizens, or contribute to the public good • Publication in public scholarship venues (e.g. videos, blogs, open access journals, digital humanities products, etc.) • Products/artifacts typical of discovery, integration, application and practice, teaching and learning	• Works that benefit the external community, are visible and shared with stakeholders, and are open to review and critique by community stakeholders and by peers • Sustained, mutually beneficial relationships with communities and organizations. • Evidence typical of discovery, integration, application and practice, and teaching and learning.	• Bringing to light and/or improving economic, social or environmental conditions of a community, region, agency, industry, or other sector • Generation of major gifts to endow a program • Citations or adoption of work by communities • Impact/Leadership typical of discovery, integration, application and practice, and teaching and learning.

Note: Prepared by WPI NSF ADVANCE Adaptation Working Summer 2020 and 2019 Groups and other faculty volunteer reviewers.