

Characterizing College-level Research Strengths Using Data from a Research Information Management System



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Background

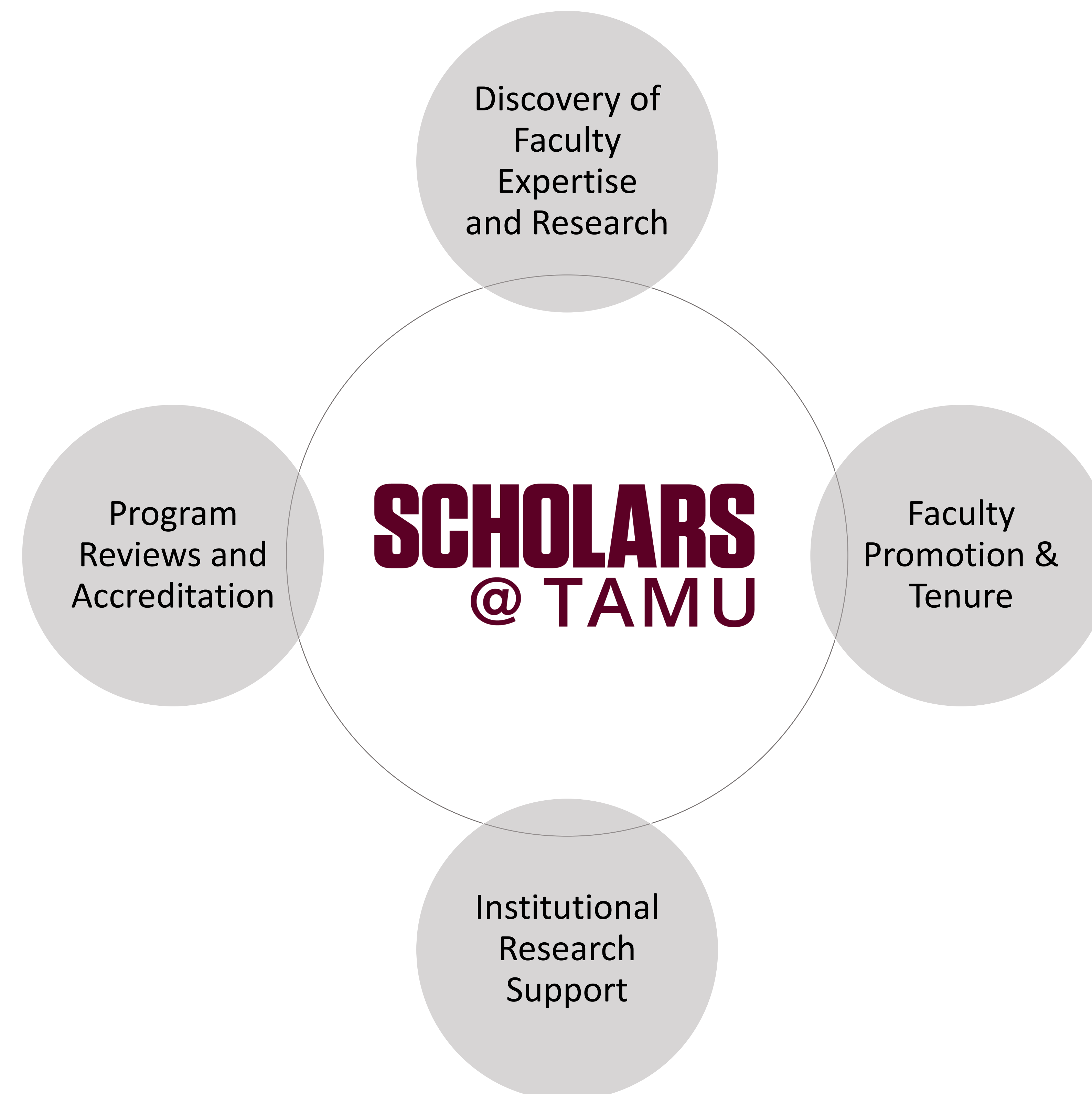
Texas A&M University (TAMU) Libraries recently launched a research information management (RIM) system, *Scholars@TAMU*, which contains TAMU faculty scholarly information (e.g., their academic backgrounds, publications, teaching and grant activities). The system is based on a member-supported, open-source, semantic-web software (i.e., VIVO) that enables the discovery of research and scholarly activities across disciplines by providing standard research profiles.

The system may serve as a university's authoritative record of the faculty scholarship. This can be an institution-level/enterprise system to support university leadership developing their future directions.

New and important needs for the characterization of scholarly impact and institutional research that characterizes the research enterprise were identified during conversations with the campus community on the design of *Scholars@TAMU*.

We addressing these needs through innovative library services, where these services are conceptualized as complementary innovations around a central IT system, collection or program. Complementary service elements are designed to work together with the central system so the service is more useful, impactful, and scalable.

Innovative, Integrated Library Service

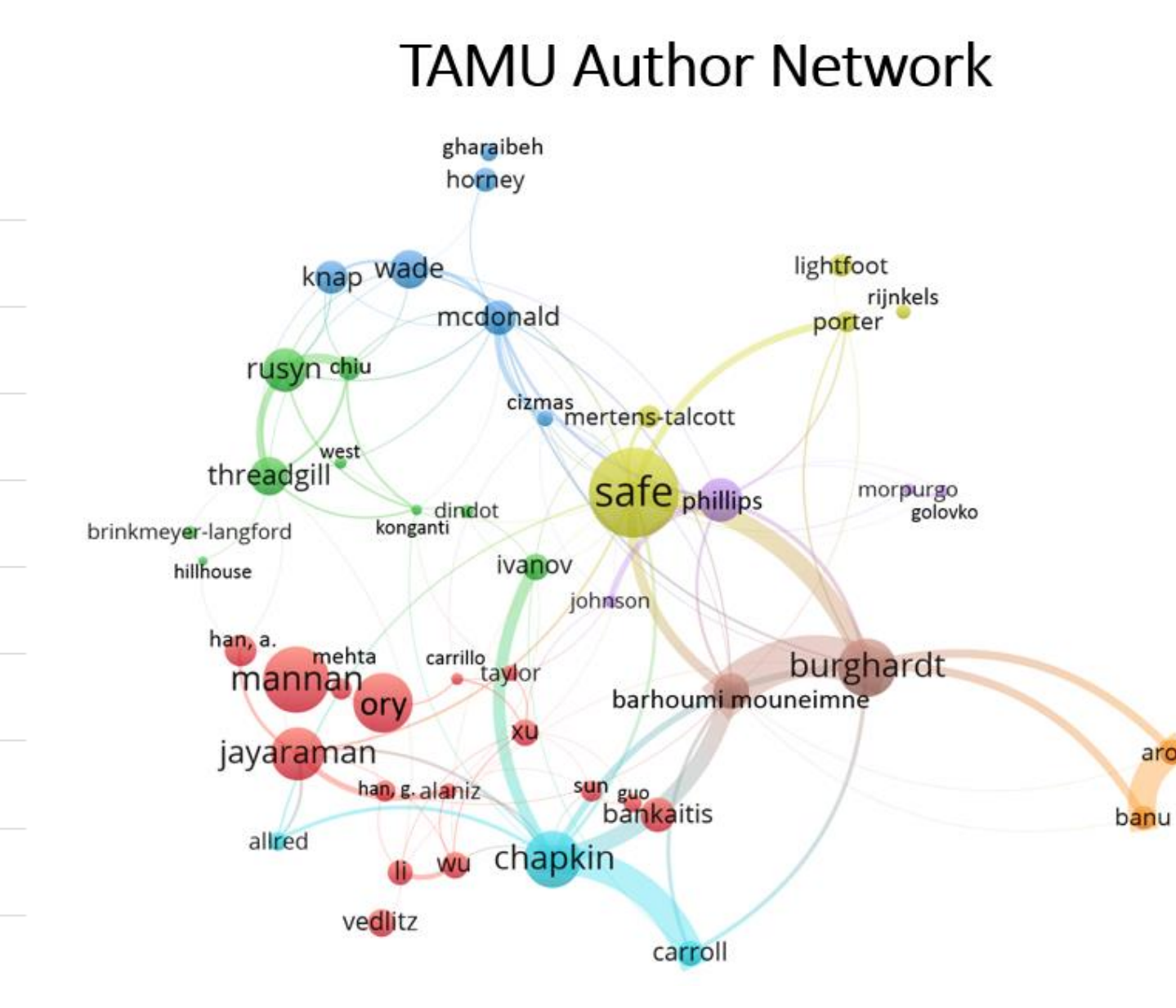
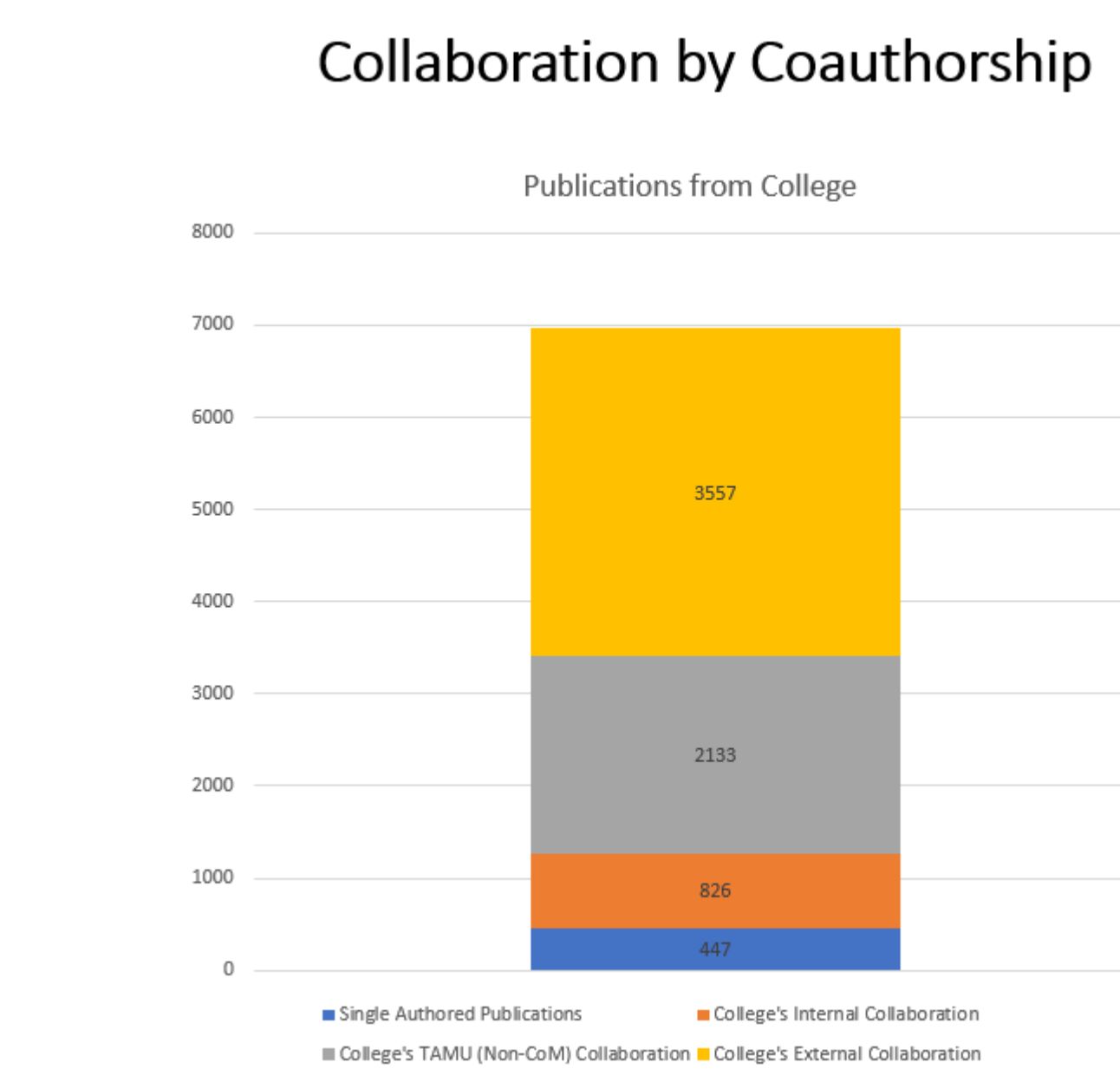
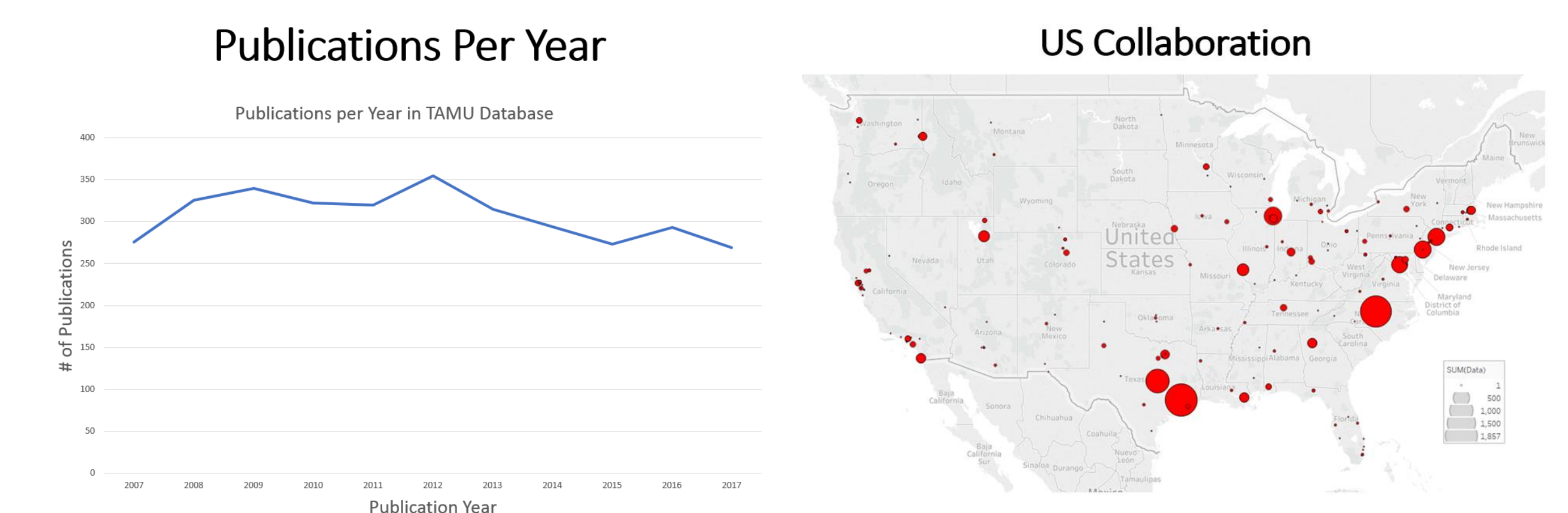


Central System: **Scholars@TAMU** (<http://scholars.library.tamu.edu>)

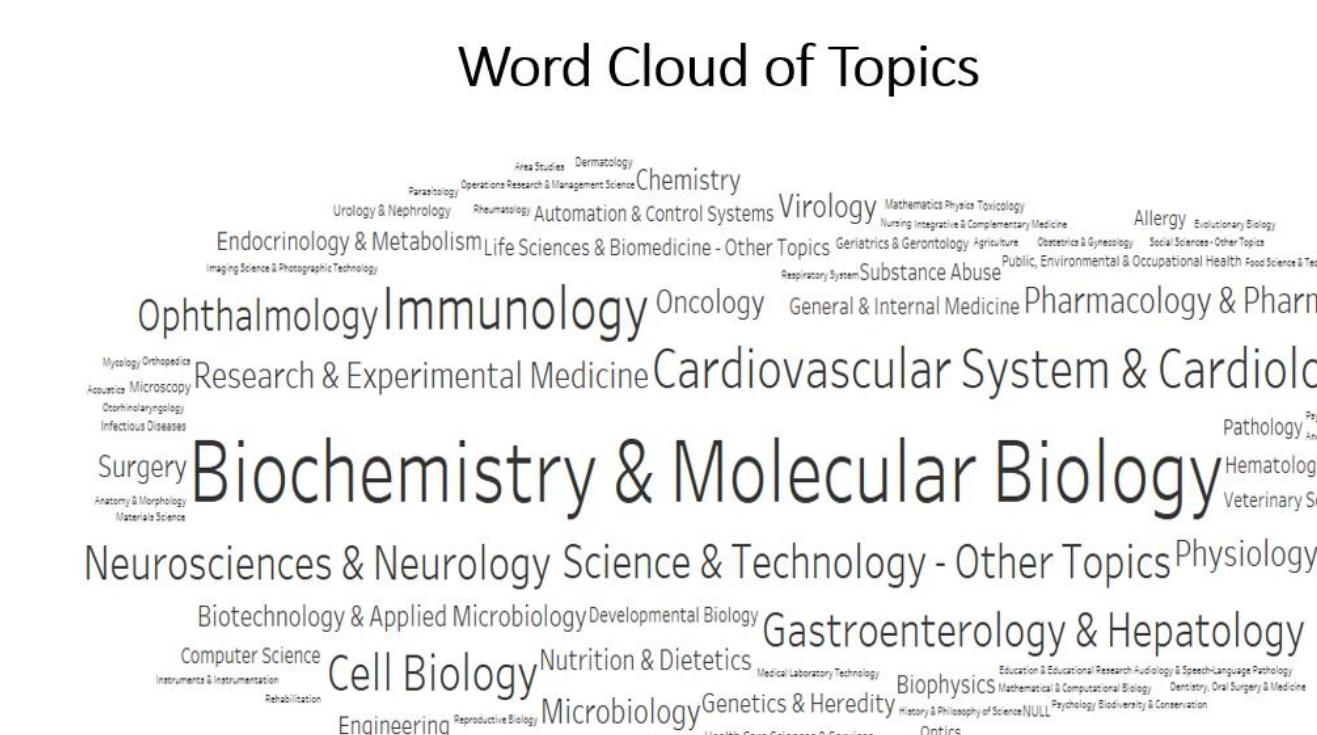
- *Complementary Service: Discovery of faculty expertise and research specialties* to enhance faculty reputation, research collaborations, and societal awareness of Texas A&M's research programs.
- *Complementary Service: Professional development program for faculty seeking promotion or tenure.* This program includes both workshops and consultations guiding faculty in the use of scholarly and societal impact metrics.
- *Complementary Service: Institutional research* on the nature, practice and impact of Texas A&M's research that support the information needs, planning and decision-making responsibilities of the university administration.
- *Complementary Service: Research evaluation* to **support program reviews and accreditation.**

Reports on Demand

- Productivity and Practices

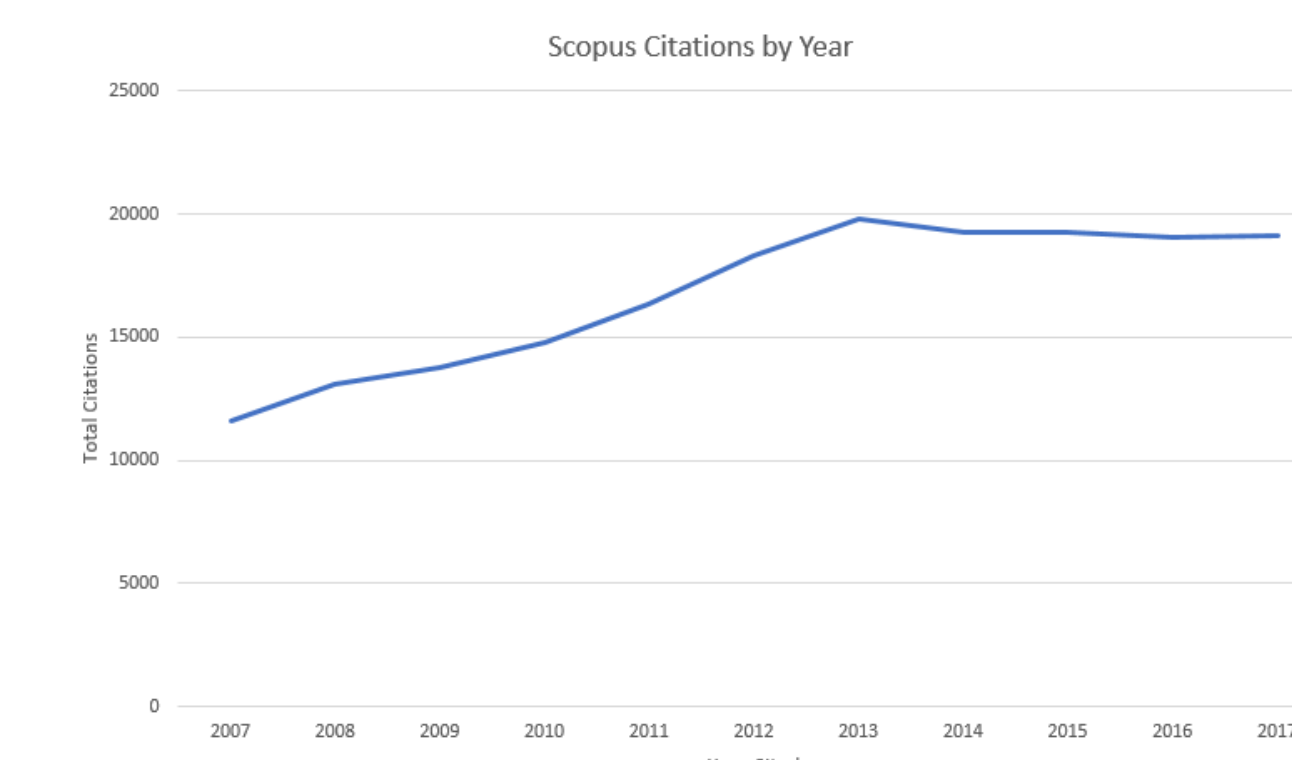


- Strengths

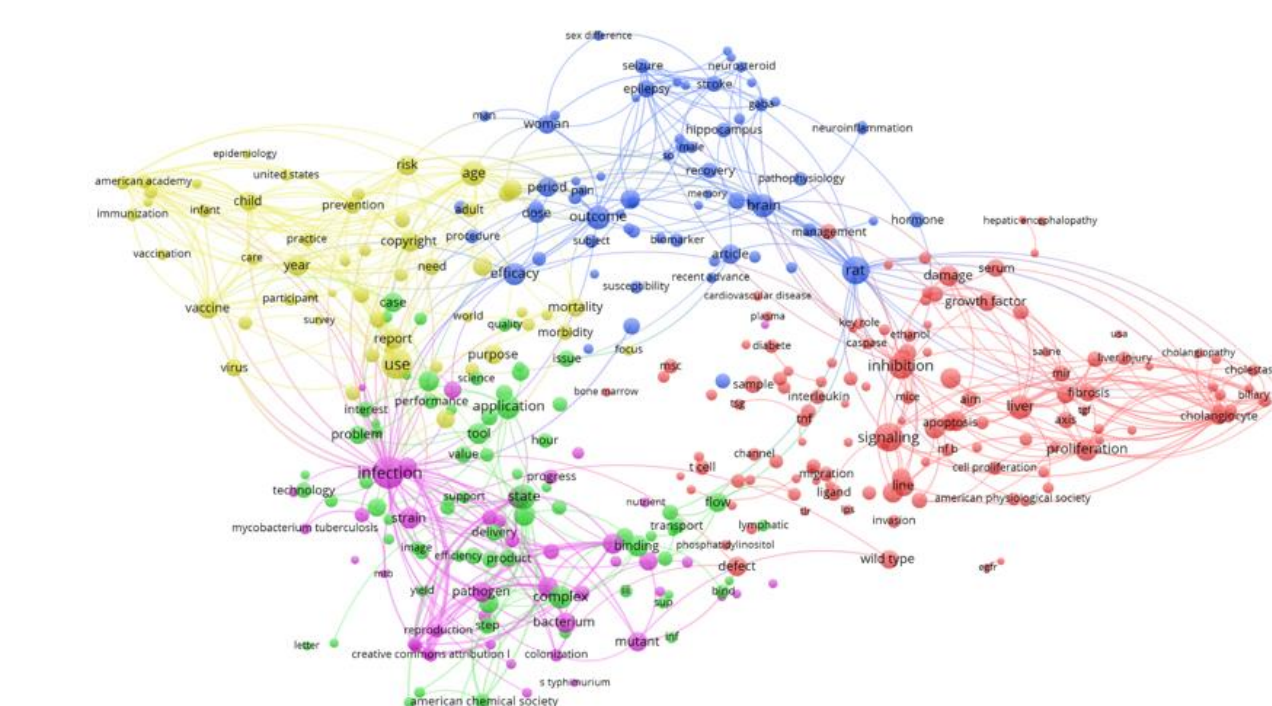


- Impact

Citations per Year for All Publications



Keywords Network Visualization



H-Index by Faculty Tenure Status

Title	Scopus			Web of Science (Lite)			Europe PubMed		
	Median	Min	Max	Median	Min	Max	Median	Min	Max
Assistant Professor	12	4	29	9	1	28	11	3	25
Associate Professor	17	2	51	12	1	51	14.5	2	38
Professor	29	1	110	22	1	48	23.5	1	90

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