Research Networking Tools: Case Studies for Libraries

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Rutgers, The State University of New Jersey

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Outline

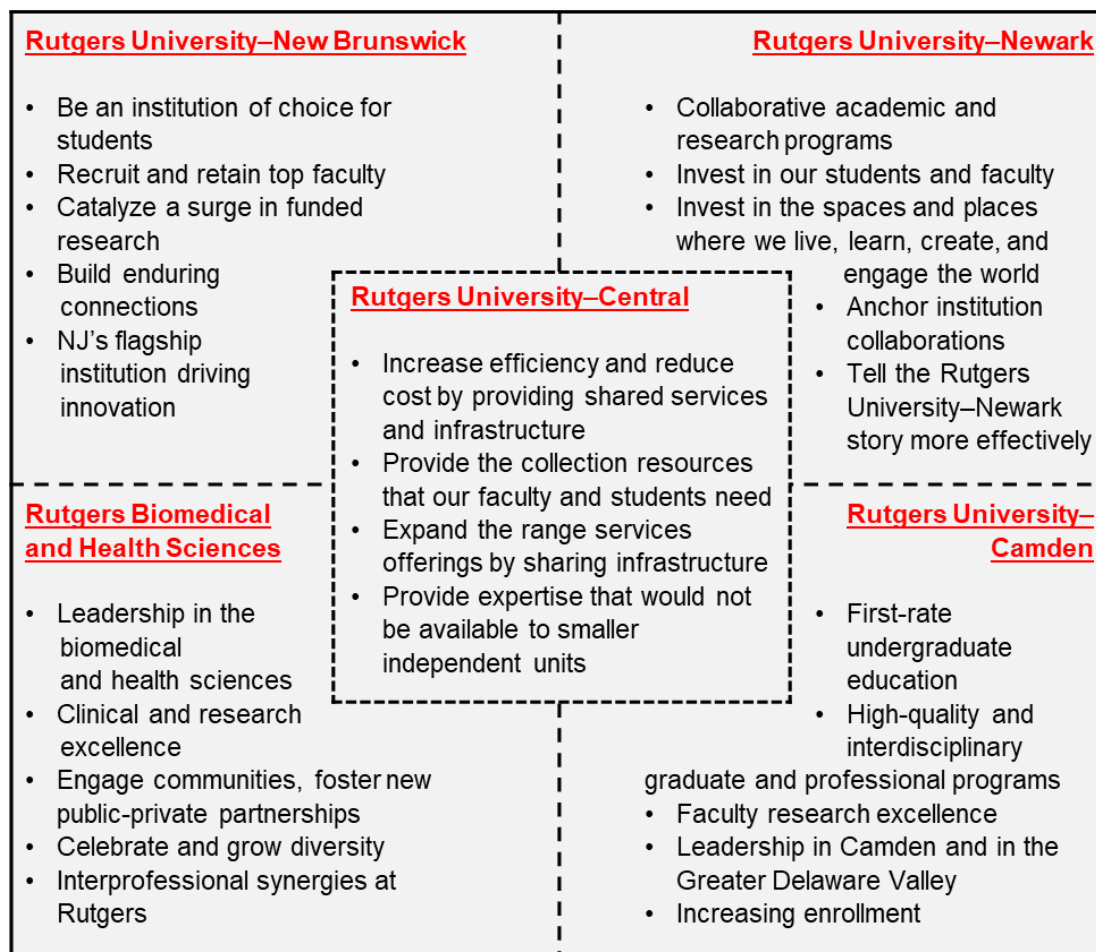| Background	• Getting to the table • Knowing the stakeholders • Roles & expectations
PURE	• Externally funded • Multi-institutional initiative
Esploro	• Libraries driven • Next generation repository • Support Rutgers OA Policy
What's next?	• Integration of tools? • Buy-in across the university? • One resource to serve the research enterprise?

Rutgers University Libraries: One Library – Four Missions

Rutgers University–New Brunswick

- Be an institution of choice for students
- Recruit and retain top faculty
- Catalyze a surge in funded research
- Build enduring connections
- NJ's flagship institution driving innovation

Rutgers University–Newark

- Collaborative academic and research programs
- Invest in our students and faculty
- Invest in the spaces and places where we live, learn, create, and engage the world
- Anchor institution collaborations
- Tell the Rutgers University–Newark story more effectively

Rutgers University–Central

- Increase efficiency and reduce cost by providing shared services and infrastructure
- Provide the collection resources that our faculty and students need
- Expand the range services offerings by sharing infrastructure
- Provide expertise that would not be available to smaller independent units

Rutgers Biomedical and Health Sciences

- Leadership in the biomedical and health sciences
- Clinical and research excellence
- Engage communities, foster new public-private partnerships
- Celebrate and grow diversity
- Interprofessional synergies at Rutgers

Rutgers University–Camden

- First-rate undergraduate education
- High-quality and interdisciplinary graduate and professional programs
- Faculty research excellence
- Leadership in Camden and in the Greater Delaware Valley
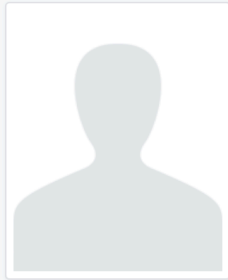- Increasing enrollment

Advancing Research Support

- Investments in infrastructure over the last five years have positioned the libraries to improve our existing system and quickly develop new services to support emerging forms of scholarly communication that foster the creation, dissemination, and preservation of research, such as:
  - A **research information management system** that will combine the asset management features of SOAR with the need for robust researcher profiles that enable assessment of research output, usage, and citations.
  - Compliance with federal compliance mandates
  - **Citation management** systems such as EndNote, RefWorks, Zotero.
  - **Research repositories** like SOAR and RUCORE for electronic thesis and dissertations, research data, and the scholarly output of Rutgers researchers.
  - Support digital humanities (such as data preservation and text mining).
  - **Journal hosting and publishing support** shepherding authors and scholars through peer review, open access issues, rights clearance and assignment, and publisher relationships.
  - Librarians also advise on open access, ORCID, research and citation metrics, compliance with federal public access mandates, scholarly publishing issues, grant applications (SciENcv, DMPTool), and awards.

PURE: Statewide Funding (2017)

- Goal: Increase innovation exchange, establish greater collaboration between academia and industry, aid universities in managing the research enterprise, and to help market New Jersey as a center of innovation

- "…..Create a comprehensive online portal that will serve to strengthen the ability of our institutions to compete on a national and global scale," (Rochelle Hendricks, Secretary of Higher Education)

- 5 participating research universities:
    - Princeton University
    - Rutgers, The State University of New Jersey
    - New Jersey Institute of Technology
    - Rowan University
    - Stevens Institute of Technology

Sample PURE Profile

David Alland

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MEMBER, Institute for Quantitative Biomedicine (IQB)

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View Scopus Profile

13419
Citations

52
h-Index

1992 ...   2020
Research output per year
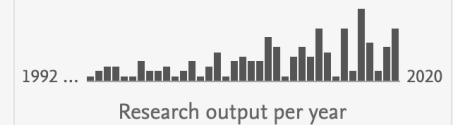
👤 **Overview**   🌀 Fingerprint   ⚛ Network   📦 Federal Grants (22)   📖 Research Output (147)   👥 Similar Profiles (7)

🌀 Fingerprint

7
Similar Profiles

Dive into the research topics where David Alland is active. These topic labels come from the works of this person. Together they form a unique fingerprint.

|	
⬤ Mycobacterium tuberculosis MEDICINE & LIFE SCIENCES	◖ Tuberculosis MEDICINE & LIFE SCIENCES
◔ Rifampin MEDICINE & LIFE SCIENCES	◔ Isoniazid MEDICINE & LIFE SCIENCES
◔ Ethambutol MEDICINE & LIFE SCIENCES	◔ Mutation MEDICINE & LIFE SCIENCES
◔ Sputum MEDICINE & LIFE SCIENCES	◔ Multidrug-Resistant Tubercul... MEDICINE & LIFE SCIENCES

Research with Rutgers

Features

- Draws content from Scopus
- Includes faculty from all units across the university
- Lead is Office of Research Economic Development (ORED)
- API implemented between ORCID & PURE
- Institutional hierarchy (libraries role)
- Openly accessible
- Includes profiles, fingerprint (active topics), research units, federal grants, publications
- Project sunsets on December 31, 2020

https://ResearchwithRutgers.com

https://soar.libraries.rutgers.edu
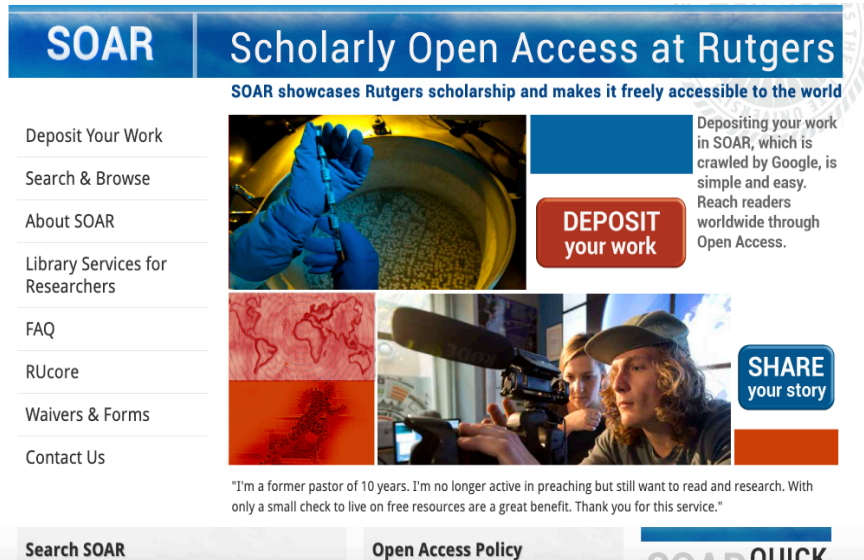
SOAR

- Stores scholarly output in compliance with Rutgers Open Access Policy implemented in 2015

- Showcases RU scholarship in one place

    – Preserves access

    – Allows authors to retain rights to their works

    – Ensures greater visibility & impact for RU research

ORCID

- 9,052 RU researchers registered & associated with the Rutgers account

- 4,025 RU researchers associated their ORCID iD with their Rutgers NetID

Research Information Management: upgrading the Institutional Repository

Alma

Primo

Esploro

Organization Units

Researchers

Research Assets

Features

- Research management platform

- Resides in ExLibris cloud service

- Uses an architecture the library already uses

- Simple, streamlined deposit of research assets

- Comprehensive view of institutional research output

- Contribute to a sustainable scholarly information infrastructure

- Fully automates from the Primo central index via smart harvesting

- Currently a complement to other systems at RU

Esploro Sample Record

Esploro 2020-2021 Implementation Roadmap

- Replace current repository & SOAR
- Faculty publications from repository – Winter 2021
- ORCID/Pivot integration – 2 way-sync
- Redesigned research portal
- Researcher profiles pilot – Spring 2021
- Analytics reporting dashboard
- Researcher usage reports
- CV management workflows
- APIs to send/receive Esploro data

Final words

- Understand key stakeholder interests & their needs
- Reorganization of research enterprise including new leadership will set new direction
- Continue Esploro development –
  - Demonstrate its value & the role of the libraries
  - Upgrade the repository & SOAR
- Academic Analytics for the next 2 years
- Very large research institutions are highly complex organizations!!

Thank you!