

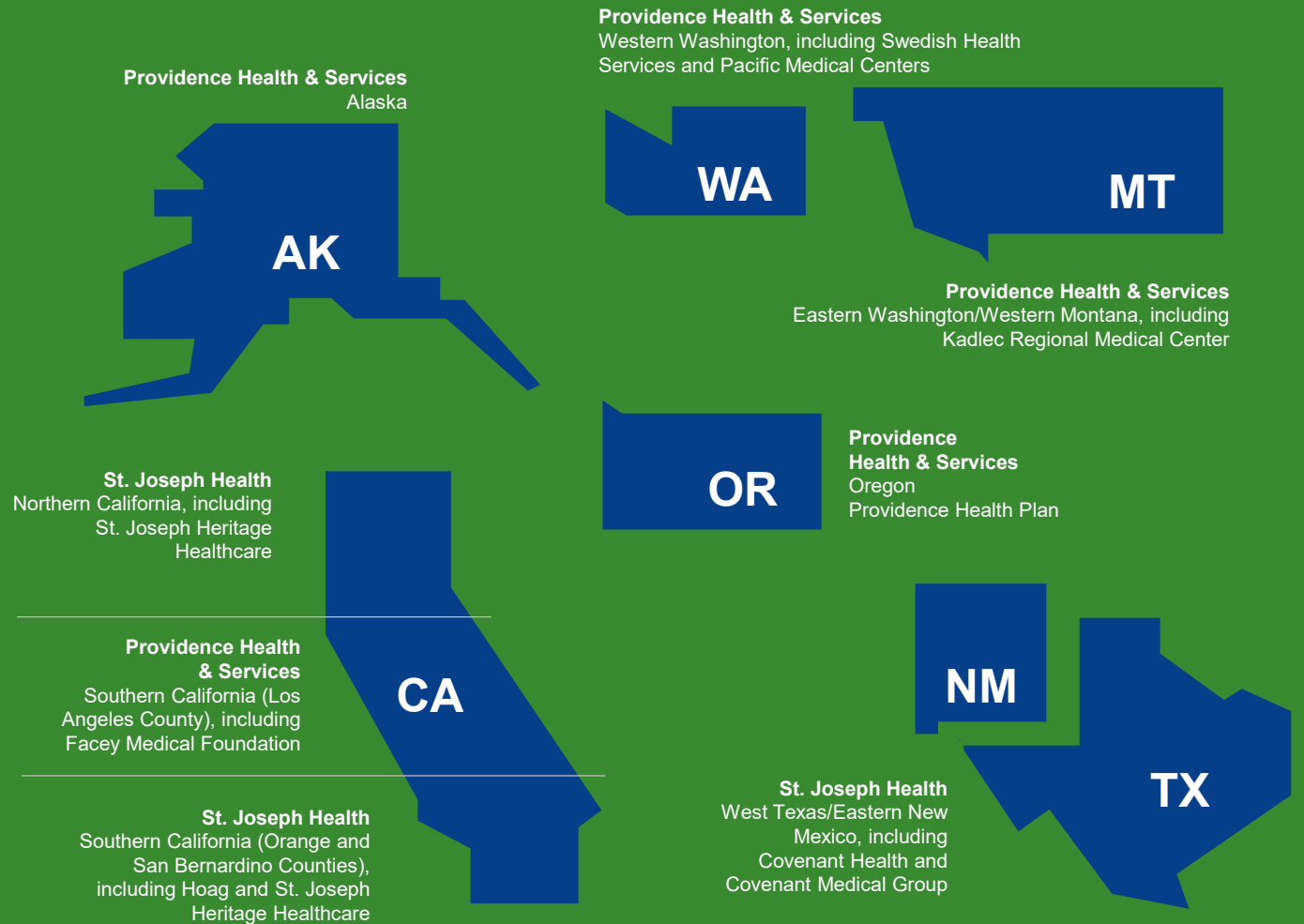


Pure-ly for Authors: An Update of a Health System Researcher Profile Platform

Amanda Schwartz, MLIS, Digital Asset Librarian, Providence
Heather J. Martin, MIST, AHIP Medical Library Director,
Providence

Providence Library Services

A centralized library department with a single budget & collection serving all of Providence including 52+ acute care hospitals and the University of Providence School of Health Professions. Our team of 12 library professionals mix remote work with staffing 8 library spaces.



Providence Research Repository, Expert Gallery, and Providence Experts



Providence St. Joseph Health

Search by name, research interest, or department...

Embed this gallery

Sort by name (A-Z)

Achal Achrol, MD
Director, Neurovascular Surgery & Director, Neurosurgery Clinical Trials Program

Radica Alicic, MD, FHM, FACP
Associate Director for Research at Providence Health Care in Spokane

Patricia Aubé, RN-BC, NE-BC, MSN
Executive Director, Nursing Professional Development and Research Magnet Program Director

Teresa Bigand, PhD, MSN, RN, CNL, CMSRN
Magnet Program Director

Anton J Bilchik, MD, PhD, MBA, FACS
Professor of Surgical Oncology, Chief of General Surgery, Director of Gastrointestinal and Hepatobiliary

Shu-Ching Chang, PhD, MS
Biostatistician, Medical Data Research Center

Discipline: Medicine and Health Sciences (15), Nursing (14), Oncology (7), Neurology (4), Endocrinology, Diabetes, Nephrology

Research Interest: quality of life (2), Adoptive T-cell therapy, Advanced Imaging and Endoscopy (1), Barrett's Esophagus (1), Cancer Outcomes (1)

Organization: St. Joseph Hospital, Oregon, John Wayne Cancer Institute, Providence St. Joseph Swedish Cancer Institute, Earle A. Chiles Research Institute (2)

Position: Physician (19), Nurse (14), Allied Health Professional, Healthcare Administration, Librarian (2)

Providence

Health Care Experts & Research at Providence

Advanced search

437 Profiles, 56 Research & Focus Areas, 595 Grants, 20827 Research Output

Experts at the Forefront of Discovery

Research is vital to Providence's mission of service, compassion and healing.

Providence Experts are researchers and clinicians who produce groundbreaking research and evidence-based solutions. This site is a searchable database that can be used to uncover Providence scholarly activity, find Experts, and facilitate collaborations.

TRENDING RESEARCH TOPICS: Cancer, Cardiovascular, Health Services, Neuroscience, Nursing

RESEARCH BY REGION: Alaska, California, Montana, Oregon, Texas, Washington

Providence Research Repository (Digital Commons)

Providence St. Joseph Health Digital Commons

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Kidney & Diabetes Institute

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Digital Commons serves as an institutional repository to collect and present Providence St. Joseph Health's research and other scholarly activity in one convenient, easily navigable location. Digital Commons aims to activate the voice of PSJH and share our research accomplishments as a world-class research organization.

At a Glance

Top 10 Downloads
All time

Recent Additions
20 most recent additions
Activity by year

Paper of the Day

A case of succinylcholine-induced postoperative myalgia
Nancy Ha and Stephanie Griffith

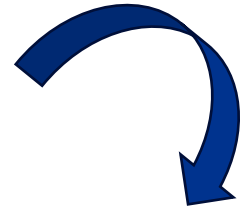
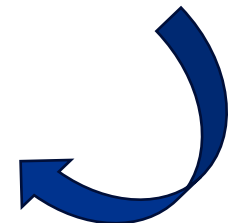
Reader from: Oxnard, California, United States Of America

BIPAP-related HAPI in DSU During the COVID-19 Pandemic
Carmyle Sevilla, BSN, RN, PCCN, Angelica Taneca, BSN, RN, PCCN
St. Joseph Hospital, Orange, CA, Evidence Based Practice Conference

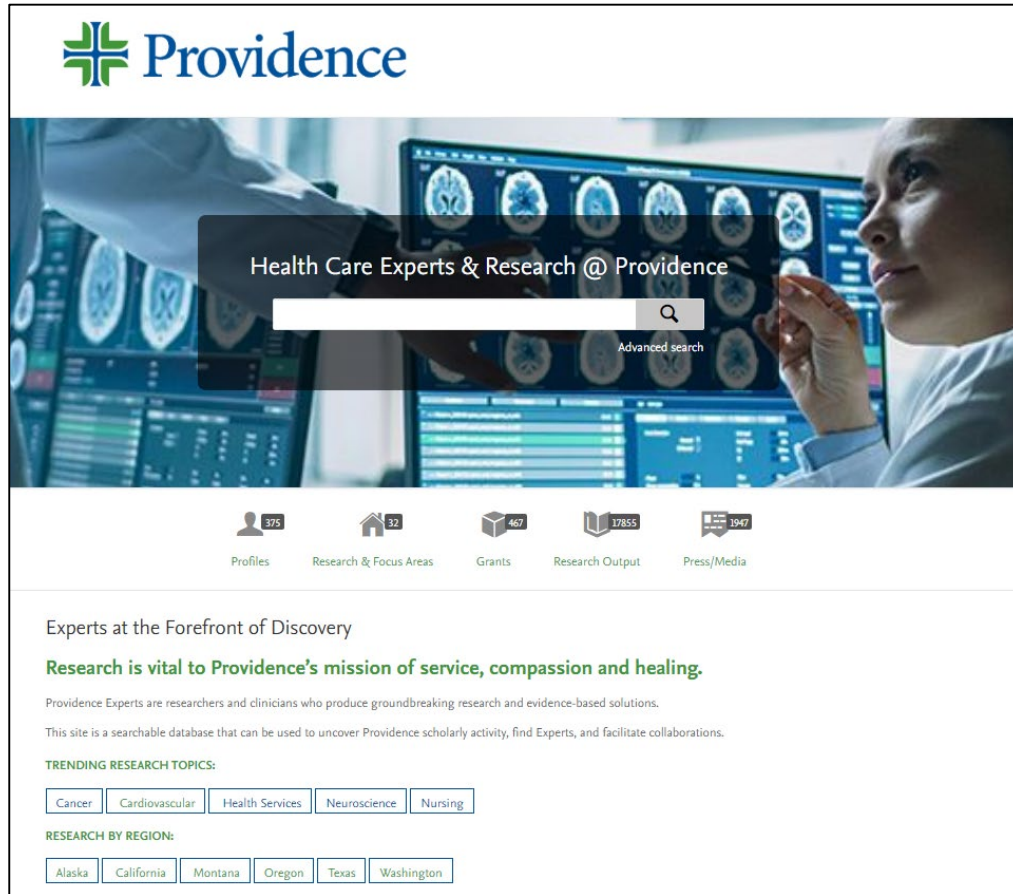
- Providence Digital Commons launched in 2018
- Originally organized by Clinical Institute and Discipline/Department
- Content is obtained through PubMed searches and author submissions
- Primarily citation level metadata
- **Parent site for the original Expert Gallery Suite**
- Access: **digitalcommons.providence.org**

As the repository gained in popularity, new **special collections** were created and different **record types** and **media formats** evolved.

This included the need for an updated, dynamic researcher profile platform.

Providence Experts – Powered by Elsevier Pure



- A new researcher profile system presented by Providence's Library Services and Healthcare Research Accelerator teams
- Replaces the Expert Gallery Suite
- *Public facing*
- *Automated*
- Integrates works from Digital Commons*, Scopus, ORCID, PubMed, external funding databases, and more!
- Access: **providence.org/experts**

Providence Experts **does not** replace our Institutional Repository, Digital Commons. The services are distinct and complementary.

Providence Experts hosts specific authors and their history of work.

Digital Commons presents all Providence-affiliated scholarly work, serves as a virtual archive of scholarly materials, and hosts a range of research collections.



Transition from EGS to Pure

Selected Works of Roshanthi Weerasinghe, MPH
Senior Program Manager Clinical Analytics, Cancer & Research

I have over twenty years of experience in cancer research, cancer informatics, and healthcare administration, working at the National Cancer Institute, Oregon Health & Science University Knight Cancer Institute, and Providence Health & Services. I enjoy working through the challenges of oncology clinical data to improve workflows, efficiency and ultimately patient outcomes. In my current role I lead an analytic team that identifies opportunities to improve patient outcomes, healthcare quality and financial value in oncology care, at a large healthcare organization with over 50 hospitals and clinics. I have co-authored journal articles on cancer outcomes. [read more](#)

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Jump to Category ▾ Search works of Roshanthi Weerasinghe, M

Research Works (19)

- Article**
Genomic heterogeneity and clinical characterization of SARS-CoV-2 in Oregon
medRxiv (2020)
Alexa K Dowdell, Kevin Matlock, Fred L Robinson, Roshanthi Weerasinghe, et al.
The first reported case of COVID-19 in the State of Oregon occurred in late February 2020, with subsequent outbreaks occurring ...
[Link](#)
- Article**
Real-world burden of myelosuppression in patients with small cell lung cancer
Journal of clinical oncology : official journal of the American Society of Clinical Oncology (2020)
Robert S Epstein, JoAnn Krenitsky, Roshanthi Weerasinghe, Amy S Parrish, et al.
Background: Myelosuppression is a common side effect of chemotherapy (CT) that can compromise patient (pt) and economic outcomes. To evaluate ...
[Link](#)

Roshanthi Weerasinghe, MPH
Senior Program Manager Clinical Analytics, Cancer & Research

Cancer
Cardiovascular
Nursing
Other
Washington

[Contact Expert](#)
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h-index **h10-index**
h5-index
288 Citations | 8 h-index

Research activity per year
2005 2023

[Overview](#) [Fingerprint](#) [Network](#) [Grants \(1\)](#) [Research Output \(42\)](#) [Similar Profiles \(6\)](#)

Research Output

Research output per year

| | |
|------|------|
| 2010 | 2023 |
|------|------|

32 Article 8 Other contribution 2 Poster

42 results | Publication Year, Title (descending) > [RSS](#)

2023

Toward structuring real-world data: Deep learning for extracting oncology information from clinical text with patient-level supervision

Preston, S., Wei, M., Rao, R., Tinn, R., Usuyama, N., Lucas, M., Gu, Y., Weerasinghe, R., Lee, S., Piening, B., Tittel, P., **1** Scopus citations

- Organized by Clinical Institute and related research categories, and regions
- Aggregates researcher info to create vibrant, complete profiles and accurate bibliographies
- Utilizes Fingerprint and Network algorithms (next slide) to create detailed research relevant terms and co- and related author maps
- Supports collaboration and networking within Providence and externally as well as across disciplines
- Displays h-index and PlumX Altmetrics data

The screenshot shows a researcher profile for Roshanthi Weerasinghe, MPH, Senior Program Manager Clinical Analytics, Cancer & Research. The profile includes a bio, a list of research outputs, and a 'Research Output' section with a bar chart showing research output per year from 2010 to 2023. The h-index is 8 and the h10-index is 8. The profile also shows a 'Personal profile' section with an 'About' section.

Research Output

Research output per year

2010 2023

Toward structuring real-world data: Deep learning for extracting oncology information from clinical text with patient-level supervision
 Preston, S., Wei, M., Rao, R., Timm, R., Usayama, N., Lucas, M., Gu, Y., Weerasinghe, R., Lee, S., Piening, B., Tittel, P., Valluri, N., Naumann, T., Bifulco, C. & Poon, H., 14 Apr 2023, In: Patterns. 4, 4, 100726.
 Research output: Contribution to journal - Article - peer-review
 Open Access
 Real World Deep Learning Patient Information Healthcare System And-States

1296 Radiomics-based multi-modal prediction of treatment response to PD-1/PD-L1 immune checkpoint inhibitor (ICI) therapy in stage IV non-small cell lung carcinoma (mNSCLC)
 Parikh, R., Curtis, B., Weerasinghe, R. & comments, S. A. A. I., 8 Nov 2022
 Research output: Other contribution

A Random Forest Genomic Classifier for Tumor Agnostic Prediction of Response to Anti-PD1 Immunotherapy
 Bigelow, E., Saria, S., Piening, B. D., Curtis, B., Alexa K. D., Weerasinghe, R., Bifulco, C., Urba, W., Finkelstein, N., Elana J. F., Baras, A., Zaidi, N., Jaffer, E. & Yatchew, M., 1 Jan 2022, In: Articles, Abstracts, and Reports.
 Research output: Contribution to journal - Article

Automatic Patient Matching for Genome-Guided Adoptive Cell Immunotherapy Trials at a Large Health System
 Alexa K. D., Böwer, T., Cosgrove, B., Weerasinghe, R., Vitz, A., Piening, B. D., Bifulco, C., Tran, E. & Leidner, R., 1 Nov 2022
 Research output: Other contribution

Design and Implementation of a Decentralized Virtual Molecular Tumor Board across a Large, Diverse Community Health System
 Piening, B., Foley, P., K. M., H. W., Harold, L., Weerasinghe, R., A. V., C. M.-W., Abel, J., Kaimaktschiev, V. A. D., Meng, R., Urba, W., G. S., Gold, P., Vaccaro, G. & Bifulco, C., 1 Nov 2022
 Research output: Other contribution

View all 41 Research outputs >

Collaborations and top research areas from the last five years

Click dots and donuts to bring up details. Select a country/territory from the list



- COVID-19 Medicine and Dentistry
- Patient Medicine and Dentistry
- Inpatient Medicine and Dentistry
- Analysis Medicine and Dentistry
- Adverse Event Pharmacology, Toxicology an...
- Therapeutic Procedure Medicine and Dentistry
- Adverse Event Medicine and Dentistry
- Patient Nursing and Health Professions

Showcases researcher's frequently published topics (via the Fingerprint), author collaboration, and global networking

Network

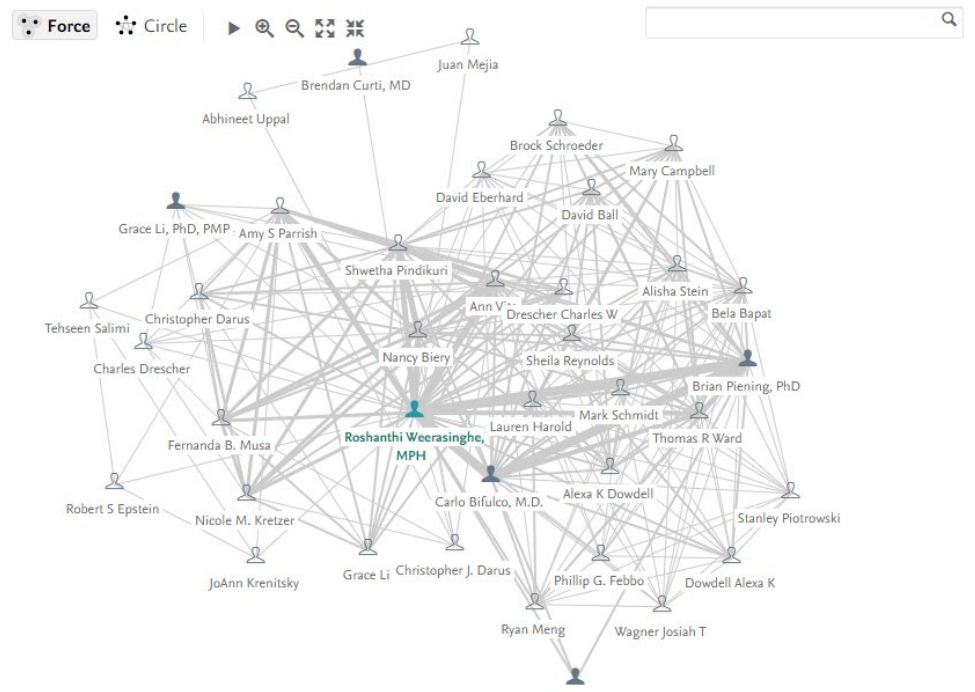
- Visualization
- Map
- Profiles
- Research units

- Profiles
- External persons
- Research & Focus Areas
- External research units
- Show counts on lines

Years: 2019 to 2023

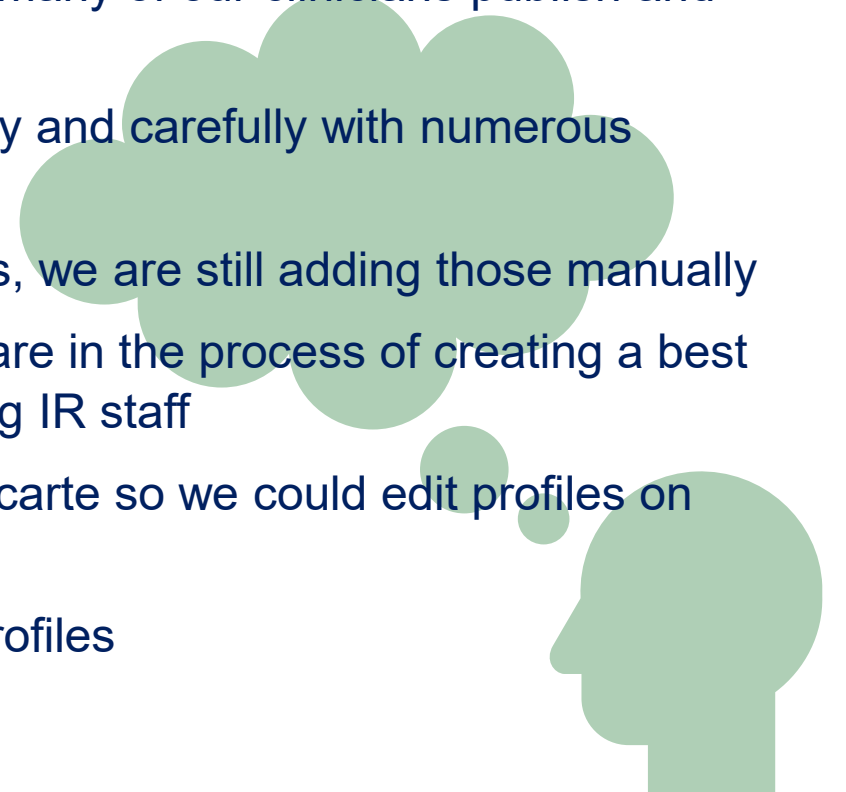
Collaboration minimum: 2

Click on a line in the diagram to see collaboration details. Click icons to see information about the content.



Difficulties and Considerations

- *What would we do differently?*
 - Pure is engineered to integrate with an institution's HR system
 - We found it difficult to find an alternative workflow because we couldn't use that capability
 - We have no centralized staffing code for "researcher," and many of our clinicians publish and present scholarship outside their job description
 - Because the platform is pay-by-seat, we had to work closely and carefully with numerous departments to determine who qualified for a profile
 - Most abstracts/conference materials are not collected in Scopus, we are still adding those manually
 - Some profiles have *hundreds* of conference materials; we are in the process of creating a best practice for what is appropriate to add without overwhelming IR staff
 - To work efficiently, it made the most sense to build profiles a-la-carte so we could edit profiles on demand
 - At this time, we are not allowing authors to edit their own profiles



Moving Forward

- Originally migrated our Expert Gallery Suite profiles, and conducted an audit of researchers without EGS profiles but prolific histories of research/publication on our repository and prior to their affiliation with our organization
- **Opted to** facilitate creating profiles for authors/researchers with **three or more** published or presented materials
- **Opted out** of letting researchers edit their own profiles to maintain uniform look and feel
- Worked closely with research departments and leadership to fine tune profiles, platform look and feel, and expectations of functionality
 - Also collaborated to create an HR software algorithm to monitor hiring and leaving of researchers
- Creating a profile is fairly simple
 - (1) Request by author or their leadership, (2) Outreach to acquire CV/contact information/profile picture, bio, (3) Connect profile to Scopus ID, ORCID, and BePress ID via Digital Commons (if applicable)

Questions? Comments? Requests: librarian@providence.org

Submit to Providence Experts and Digital Commons:
DigitalCommons@providence.org

digitalcommons.psjhealth.org/ | providence.org/experts

Links also found on the Library website:
<https://www.providence.org/library>