Managing Researcher Expectations: Defining the Scope of Your Expert Gallery

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Expert Gallery

Browse Experts

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

Shu-Ching Chang joined Medical Data Research Center as a biostatistician in 2016. She has a broad background in statistics, with specific training and expertise in statistical modeling, optimization, survival, longitudinal data analysis, and extensive experience in machine learning approaches for high-dimensional genetic association and classification studies. At MDRC, she has been involved in various collaborative projects in cancer research including statistical design of clinical trials, sample size and power analyses, NCI3, SEER, and cancer registry database analysis and investigation as well as statistical support and consulting services.

Articles (15)

- Correlation Between Clinical and Pathologic Staging in Colorectal Cancer: Implications...
  - Authors: Yeh, Susan K., Huang, Kai-Y. Martz, Matthew R. Bronsman, et al.
  - This study evaluated the correlation between clinical staging and pathologic staging in patients with colorectal cancer.

- Multiplex Gene Profiling of Cell Free DNA in Patients With Metastatic...
  - Genes Cancer. 2016
  - Authors: Yeh, Susan K., Huang, Kai-Y. Martz, Matthew R. Bronsman, et al.
  - This study investigated the feasibility of using cell-free DNA to detect metastatic disease.

- Superior Survival of South and East Asians with Colorectal Cancer...
  - Gastroenterology. 2010
  - Authors: Yeh, Susan K., Huang, Kai-Y. Martz, Matthew R. Bronsman, et al.
  - This study analyzed the survival outcomes of South and East Asian patients with colorectal cancer.

- The Impact of American Indian and Alaska Native ethnicity on...
  - Journal of Gastrointestinal Oncology. 2018
  - Authors: Yeh, Susan K., Huang, Kai-Y. Martz, Matthew R. Bronsman, et al.
  - This study examined the impact of American Indian and Alaska Native ethnicity on colorectal cancer outcomes.

Click for more.

About
Profile Pages

Original Scope

- 12 initial volunteers
- Request a full CV
- Research existing clinician/researcher profile pages

Challenges
- Some CVs were 150+ pages long
- Often with inaccurate/incomplete citations
- A single profile could take 10+ hours
- Some researches had expectations re: level of detail or updating that were not feasible

Revised Scope

- Researchers are sent an email clearly outlining our scope
- Request:
  - Full CV, biographical sketch, photo, and research interests
- Import works harvested from DC
- Researchers review for errors
- Researchers may suggest up to 10 additional works
- After initial profile is completed, researchers are invited to “take ownership” to add more detail or update more often
Challenges

- Can be difficult to recruit busy clinicians/researchers
- How to ensure profiles come from a broad spectrum of specialties and locations
- Name disambiguation of harvested works takes time
- Recruiting too many clinicians/researchers!
- What to do if a volunteer doesn’t have many works
Website: https://digitalcommons.psjhealth.org/
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