

# ITCR Training and Outreach Working Group

August 9, 2018

Mary Goldman  
And  
Mike Ryan

David Hanauer



David Hanauer



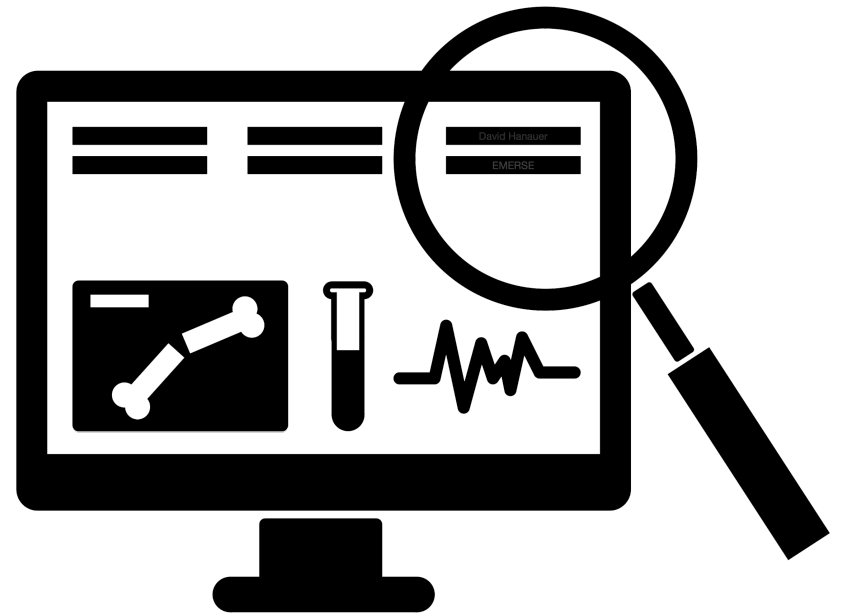
ITCR Tool: **EMERSE**  
electronic medical  
record search engine

[project-emerse.org](http://project-emerse.org)

University of Michigan



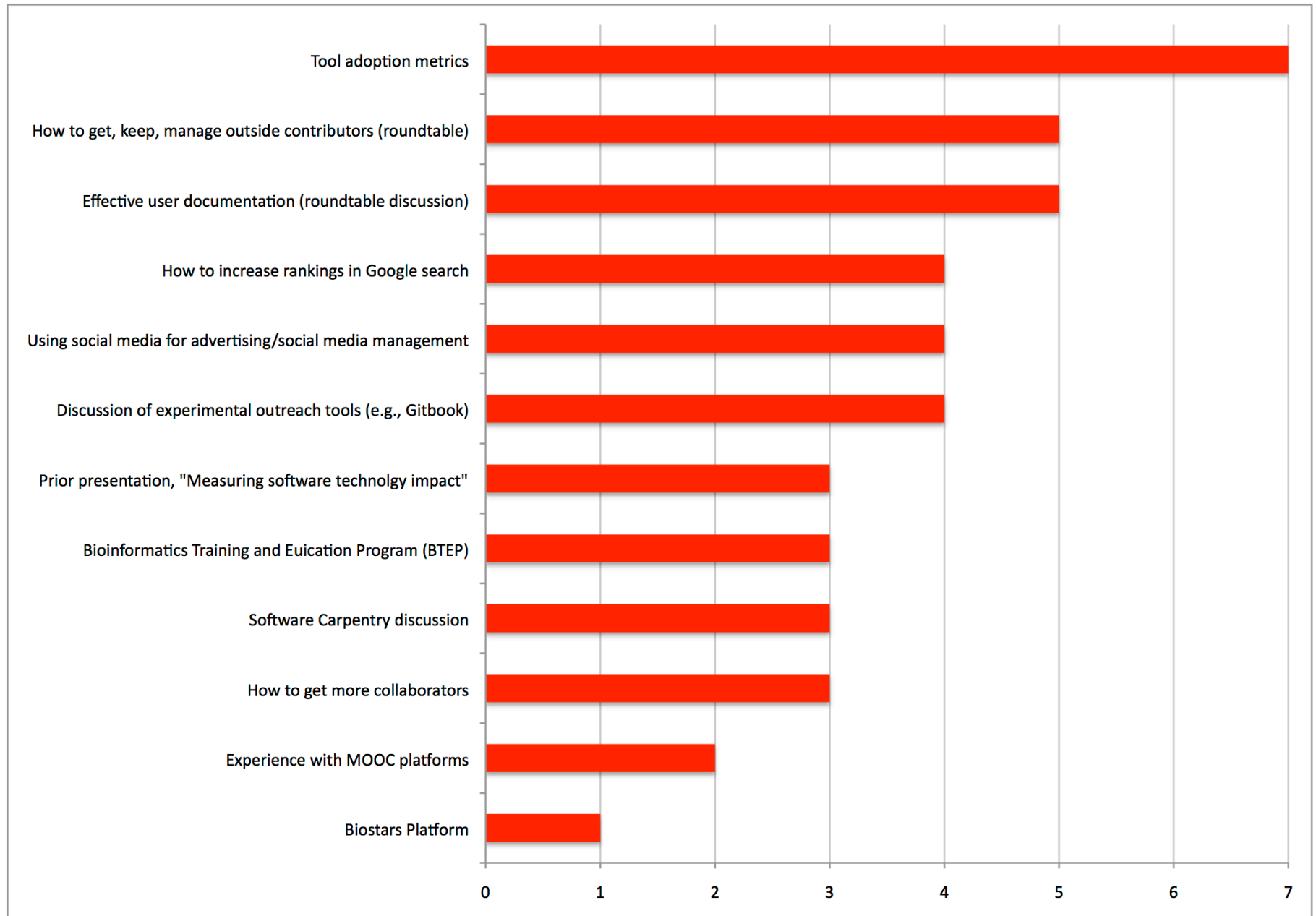
[hanauer@umich.edu](mailto:hanauer@umich.edu)



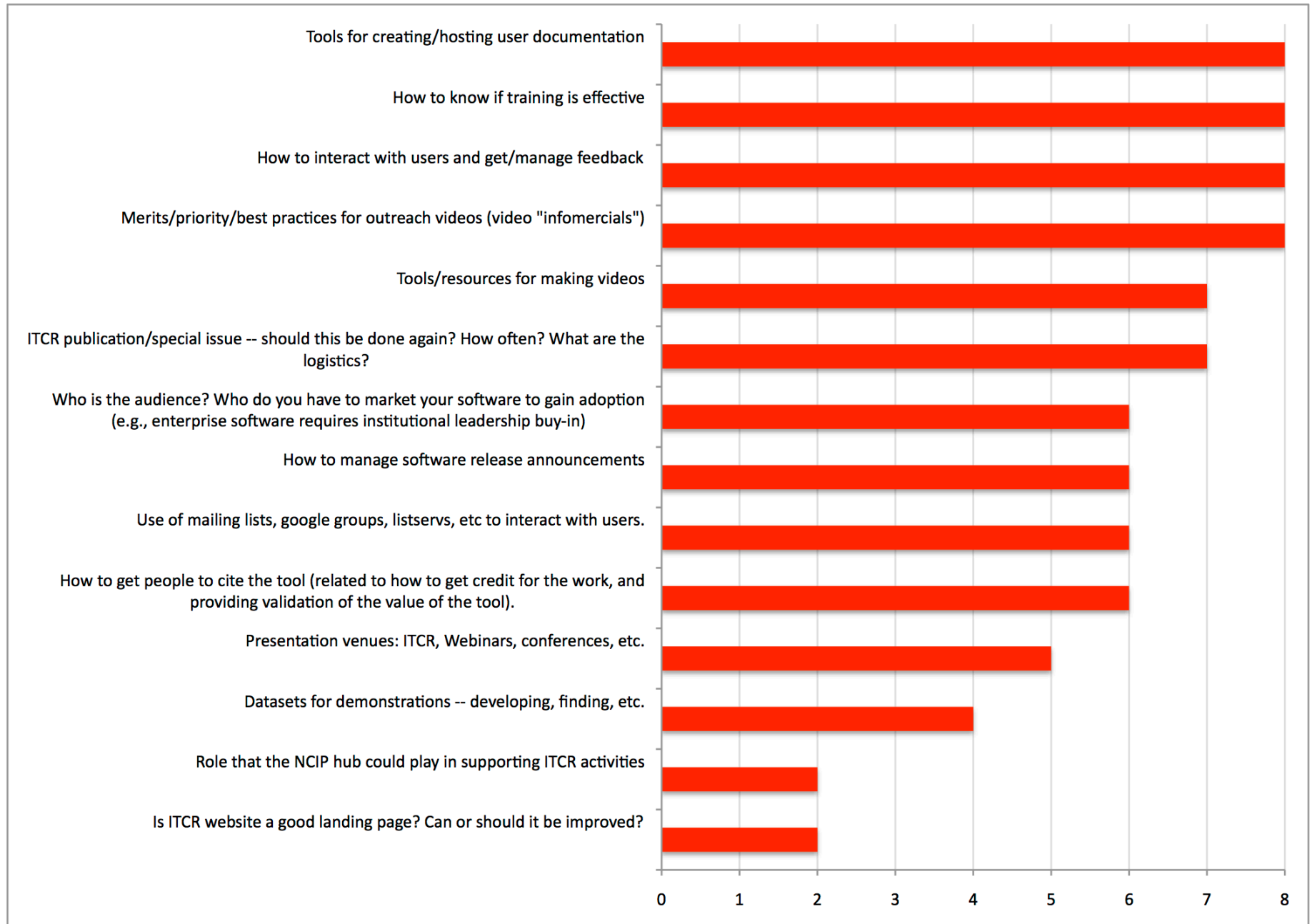
# ITCR TOW survey

- July 11 – Aug 3, 2018
- 13 responses (7 anonymous)
- Tools represented by respondents:
  - THRIVE
  - CHASM / NG-CHM
  - HemOnc.org ontology
  - UCSC Xena
  - TOPAS - radiotherapy simulation
  - EMERSE

# Prior presentations that should be repeated



# Additional topics of interest



# Additional Survey Questions

- Willing to provide a presentation?
  - 1 Yes
  - 3 Maybe
- Other comments:
  - Roundtable format desirable over 'lectures'
  - Archives of prior materials

# My personal observations/issues

- This is like running a software company
  - Customer outreach
  - Support plans
  - Advertising (I'm designing logos!)
  - Reputation
  - Resource allocation (lots beyond "R&D")
  - Software distribution model
  - Managing updates
  - Documentation
  - Web site design
  - (software development too)

# My personal observations/issues

- Documentation is difficult
  - Different audiences
    - Developer
    - Sys admin
    - User
  - Keeping it up to date, updating screen shots, etc.
  - Cross linking between components, checking links, etc
  - Level of detail
  - Software/system to handle documentation

# My personal observations/issues

- Different kinds of software
  - User downloads on their own, uses as individual
    - Lower bar for adoption/testing
  - Centralized installation and support
    - Higher bar for adoption
    - Often requires C-suite approvals
    - Incorporation of identifiable patient data increases challenge

# My personal observations/issues

- Convincing early adopters is difficult
- “NIH” syndrome – not invented here
- Credit is important (citations of tool)
  - Promotions
  - As evidence of software use

# Lots of heterogeneity

- Members of the TOW group come from multiple backgrounds
  - Clinical
  - Research
  - Software development
    - Research
    - Health system (security, security, security)
  - Other?
- ITCR software also very variable
  - Capabilities
  - Level of maturity
  - Awareness among the community

# What are your issues/challenges?

- What has worked well for you?
- What has not worked well for you?
- How can this WG help you?
- What do you want to learn more about?
- What experiences/knowledge can you share with the rest of the WG?
- What should be the scope of the WG? (how do we define the scope of training and outreach?)

# Discussion

