

Flight Tracker Consortium Meeting

March 6, 2024



www.edgeforscholars.org

[X @EdgeForScholars](https://twitter.com/EdgeForScholars)

https://redcap.link/flight_tracker

Meeting Agenda



Current Version:
v6.9.0

What's New?

Match Publication Wrangling to Other Projects
Check for Latest Release of Flight Tracker
Structured Honors, Awards & Activities Data

Deep Dive: Maximizing Value on a New Project

What's Next?

Brainstorms: New Deep Dives
New Getting Started Workshop
Spring 2024 Projects



What's New?

Sharing Publication Wrangling



1 Already Accepted from PubMed
In Record 1: Julie Bastarache in EFS Leaders (pid 127)

PMID 19407329 (PMC2675821) [Julie Bastarache in EFS Leaders](#) ←

Bastarache JA, Blackwell TS. Development of animal models for the acute respiratory distress syndrome. Dis Model Mech. 2009-01-01; 2(5-6):218-23.

After adding any citations:

- If your scholar appears **in other FT projects on the same server**, then it shows any publications you're missing
- **Reminder:** The other project could be wrong!
- Appears in individual view of Publication Wrangler
- Requested by the Medical College of Wisconsin

“What’s the Latest Release?”




- Tells you what’s the latest version
- Your REDCap admin will still have to upgrade

A screenshot of the Flight Tracker Central web interface. At the top is a navigation bar with icons and labels for "Pubs", "View", "Wrangle", "Scholars", "REDCap", "Dashboards", and "Cohorts / Filters". Below the navigation bar, the main heading "Flight Tracker Central" is displayed in a large, bold, black font. Underneath the heading, the current version "v6.7.0" is shown, followed by "(latest: v6.8.0)" in a smaller font. A red arrow points from the text "(latest: v6.8.0)" to the right. Below this, the text "Watch Your Scholars Fly - Flight Tracker Community Support" is displayed, followed by "from efs Edge for Scholars" where "efs" is a green logo. At the bottom, there is a link: "Click to Share the Scholar Portal Link with Your Scholars".

Pubs View Wrangle Scholars REDCap Dashboards Cohorts / Filters

Flight Tracker Central

v6.7.0 (latest: v6.8.0) ←

Watch Your Scholars Fly - [Flight Tracker Community Support](#)
from  [Edge for Scholars](#)

[Click to Share the Scholar Portal Link with Your Scholars](#)

Honors, Awards & Activities



- Previously, we stored data in a relatively unstructured format
- Problems:
 - Hard to report in numbers
 - Hard to collect via periodic surveys
- May 2023: Committee recommendations
 - Led by Shardae Osuna of Southern California
 - Structured an entire new REDCap instrument
- Since then, Scholar Portal & Rebecca's insights
- February/March 2024: New survey and new instrument, **v6.9.0**



Honors, Awards & Activities



- Same: Survey [for scholars] & Data Form [for admins]
- Types of activities:
 - Awards
 - Honorary or Professional Society
 - Abstract or Paper
 - Oral Presentation
 - Poster Presentation
 - Committee [Including Journals] Internal or External
 - Leadership Position



REDCap Survey



- Available via Scholar Portal
- Can be emailed out like other surveys [Scholars menu → Configure an Email]
- It can & should be repeated for each accomplishment via a button at the bottom of the survey: “Add Another Honor or Activity”
- A survey –or– a data form should be entered, but NOT both

Honors Awards And Activities Survey AAA
□ □

Please complete the survey below.



Thank you!

| | |
|---|---|
| Name of Honor or Activity <small>* must provide value</small> | <input type="text"/> |
| Type of Honor or Activity <small>* must provide value</small> | <input type="radio"/> Award <input type="radio"/> Honorary or Professional Society <input type="radio"/> Abstract or Paper <input type="radio"/> Oral Presentation <input type="radio"/> Poster Presentation <input type="radio"/> Committee (Including Journals) <input type="radio"/> Leadership Position reset |
| Organization | <input type="text"/> |
| Year or Start Year | <input type="text"/> |
| Level of Activity | <input type="radio"/> National <input type="radio"/> Regional <input type="radio"/> Local <input type="radio"/> Institutional <input type="radio"/> Departmental reset |
| Exclusivity or Notoriety | <input type="text"/> <small>if known or relevant</small> |

Survey Branching Logic



- For papers, abstracts & oral/poster presentations
- Enough info to make a formal citation

| | |
|--|--|
| Co-Authors (including yourself) | <input type="text"/> E.g., Fritz TC, Soni MG |
| Presentation/Poster Title | <input type="text"/> |
| Start Date of Conference/Activity | <input type="text"/>  Today M-D-Y if known |
| End Date of Conference/Activity | <input type="text"/>  Today M-D-Y if known |
| Physical Location | <input type="text"/> E.g., city, state, country |
| Name of Conference/Activity | <input type="text"/> |

Survey Branching Logic



- For committee assignments [internal or external]
- *Select the committee name from a list curated by admin
- Capture role in committee

| | | |
|----------------------------|---|----------------------------------|
| Committee Name | <input type="text"/> | <input type="button" value="v"/> |
| | Input "Other" if not listed | |
| Nature of Committee | <input type="radio"/> Internal | |
| | <input type="radio"/> External | |
| | | reset |
| Role in Committee | <input type="radio"/> Chair / Co-Chair / Moderator / Co-Moderator | |
| | <input type="radio"/> Vice Chair | |
| | <input type="radio"/> Member | |
| | <input type="radio"/> Reviewer | |
| | <input type="radio"/> Editorial | |
| | | reset |

Asterisk (*)



Committee Name

- To better structure **Awards & Committees**, these names are entered by an “autocomplete dropdown”
- Can enter “Other/Not Listed” if the name is not listed
- This list is curated by the administrators of the project
- To simplify, on each survey & data form, a button appears on the admin’s REDCap view. Pressing this button will adjust Data Dictionary automatically.

Survey response is editable

Response was completed on 02-12-2024 13:55. Response was initially started on 02-12-2024 13:55. The total completion time of the response is 29 seconds. You have permission to edit this survey response from its original values. In order to begin editing the response, you must click the Edit Response button above. [View all contributors to this response.](#)

Record Id 16 Julie Bastarache

| Record Id | 16 |
|---------------------------|--|
| Name of Honor or Activity | <input type="text" value="Test Award Name 70"/> |
| | <input type="button" value="Add to Institutional List"/> |

* must provide value

Outputs



- A report shows in Scholar Portal, including a survey link for the scholar to add their own data
- Also, a report shows on the bottom of the Scholar Profile page
- A dashboard has been added to keep track of counts
- I'm open to creative ideas about visualizations, counts, or other things to do with these new data!



Other Changes



- The Initial Survey & the Follow-up Survey have been changed with the same format to add up to **5** awards/activities
- Submitting a survey will create the REDCap for a new data form
- Old data are preserved:
 - Old fields are kept viewable on the data form but hidden on surveys, via an **@HIDDEN-SURVEY** action tag
 - To avoid confusion, the previous Honors & Awards form is now called “Old Honors and Awards”

Converting Old Data



- Wrangle menu → Convert Honors & Awards
- Unstructured → Structured
- Via copy/paste [sadly]
- “Reformat to Add” reveals a data form
- REDCap created by clicking “Add REDCap”
- “Mark As Done & Don’t Show Anymore”

| Record | Previous Values | Transition to New Format (Honors, Awards, and Activities) |
|--------------------------------------|--|---|
| <p><u>16: Julie A Bastarache</u></p> | <p>Date Entered/Updated: 11-01-2020 Form: Followup Survey</p> <p>Honors & Awards: Reformat to Add Elected into ASCI</p> <p>Presentations: Reformat to Add Medical Grand Rounds, Meharry Medical College, 02/20 "Bad Blood: Cell-free hemoglobin as a mediator of organ dysfunction in sepsis"</p> <p>Internal Committees: Reformat to Add Senior Member: Neilson Society Steering Committee Reviewer: Vanderbilt Faculty Research Scholar Program Member: Alpha Omega Alpha Selection Committee Member: CPR Committee, VAMC Co-Chair: Peer Review Committee, VAMC Member: Clinical Competency Committee, Pulmonary Fellowship Program</p> <p>External Committees: Reformat to Add Participant and Moderator: NIH NHLBI ARDS Precision Medicine Workgroup, 10/19 NIH, Bethesda, MD Domain Lead: ATS Workshop on Measures of Experimental Acute Lung Injury in 05/20 Animals, American Thoracic Society, Virtual Workshop</p> <p>Mark As Done & Don't Show Anymore</p> | <p>Name of Honor or Activity</p> <p>Type of Honor or Activity:</p> <p><input checked="" type="radio"/> Award</p> <p><input type="radio"/> Honorary or Professional Society</p> <p><input type="radio"/> Abstract or Paper</p> <p><input type="radio"/> Oral Presentation</p> <p><input type="radio"/> Poster Presentation</p> <p><input type="radio"/> Committee (Including Journals)</p> <p><input type="radio"/> Leadership Position</p> <p>Level of Activity:</p> <p><input type="radio"/> National</p> <p><input type="radio"/> Regional</p> <p><input type="radio"/> Local</p> <p><input type="radio"/> Institutional</p> <p><input type="radio"/> Departmental</p> <p>Organization</p> <p>Year or Start Year</p> <p>Exclusivity or Notoriety, if relevant</p> <p>Notes:</p> |



Deep Dive

Maximizing Value
on a New Project

Common Scenario



- Someone is undergoing a grant renewal in a few months and has their mind fixed on those challenges
- They hear about Flight Tracker with NIH Training Tables, love the idea of automation & want to get data
- How do we respond?
 1. Love the enthusiasm
 2. They need some education on how to use [“newbie” session] and perhaps a reality check about expectations
 3. They need to be aware that it might take some time to stabilize data collection & to wrangle/curate data



Overview



- Getting Started
- Scenarios to Quickly Maximize:
 - NIH Training Tables
 - Grant Data
 - Publication Data
 - Demographic Data
 - Mentee-Mentor Agreements



Steps to Get Started



1. Get Flight Tracker External Module in REDCap if it's new to your institution. [This step is often the most difficult.]
2. Get Flight Tracker enabled on a blank REDCap project
3. Fill out spreadsheet [CSV] with names & institutions [plus any other information you have]
4. Set up & configure Flight Tracker project & upload CSV
5. Click "Run All Updates Tonight" on Flight Tracker Home page
6. Wait for overnight collection to complete [usually by the next morning]
7. Wrangle the initial set of publications [takes time]



Scenarios

It all depends on what message you want to convey!
But thankfully, there is some overlap.

NIH Training Tables



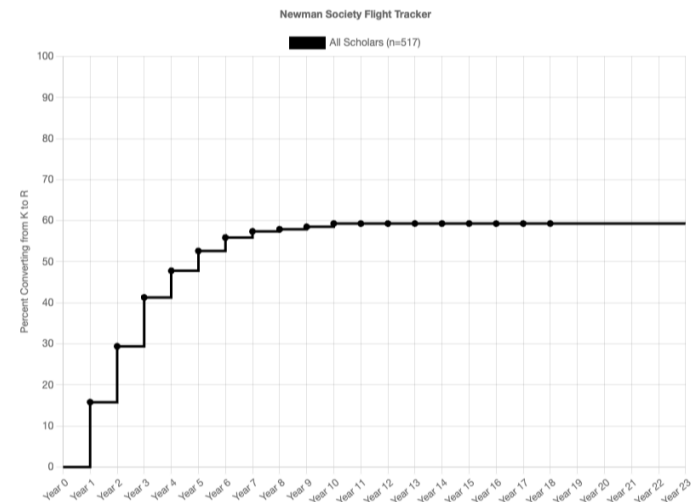
- **Tables 5** [publications] **& 8** [outcomes]; Quick Sign-Up sheet
Most overlap with Flight Tracker data
- **Tables 2-4** [faculty & institution]
Cuts down on communication time; saves prior work
- **Table 1** [program census]
Coordinates census at an institution through a REDCap project
Reliability factors [1-4] track confidence
- **Upload Prior NIH Reporting Tables**
With example CSVs
- All pages under [General menu]



Maximizing Grant Data



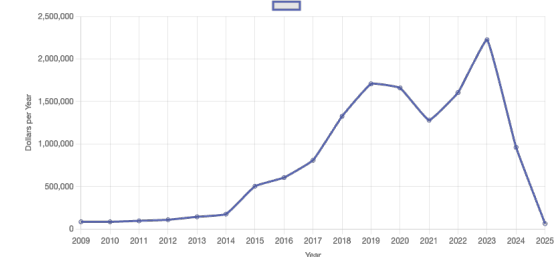
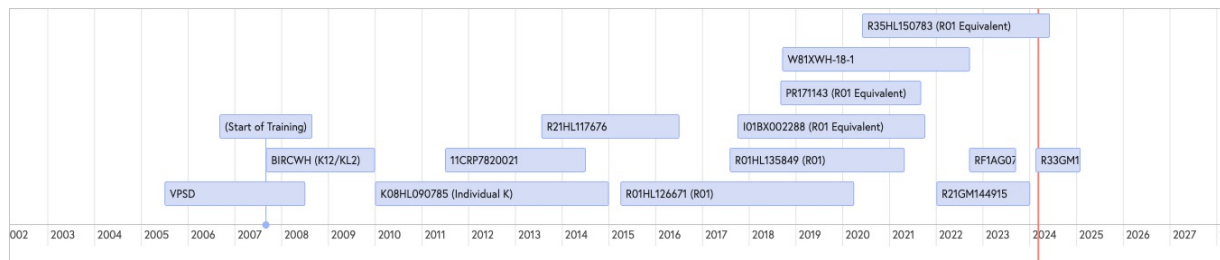
- K→R conversion rates [General menu]
 - **K2R Conversion Calculator** with stipulations [Coming soon: T→K→R]
 - Kaplan-Meier Success Curve
- ROI for grant dollars
 - Reminder: Federal grants only
 - Add Custom Grants for internal K & K12 grants including costs
 - When entered, Grants menu → **Financial ROI for Grants** [Caveat: Flight Tracker isn't a financial program]



Maximizing Grant Data



- Counts [on Dashboards]
 - **Total Number of Grants & Total Dollars in Grants**
- Graphics
 - **Scholar timelines** on Scholar Profile [Scholars menu]
 - **Individual funding over time** [line graph in Scholar Profile]



- Career Progression: Two **Stylized Tables** [Grants menu]
Grey [person-based grants] → Yellow [project-based grants]

Maximizing Publication Data



[Pubs menu]

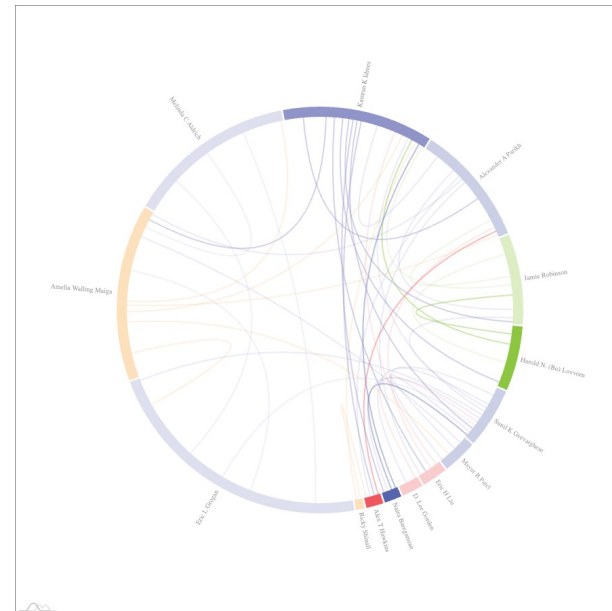
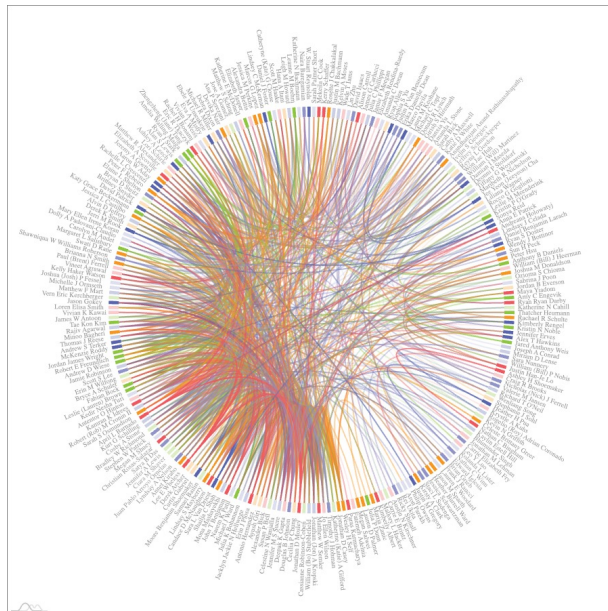
- Co-authorships
 - In network/project
 - Globally
 - Multi-site consortia
- Impact factors
- Publication Lists
 - Traditional list
 - Brag Widget
 - With Mentors
- Timeline
- Word Clouds



Maximizing Publication Data



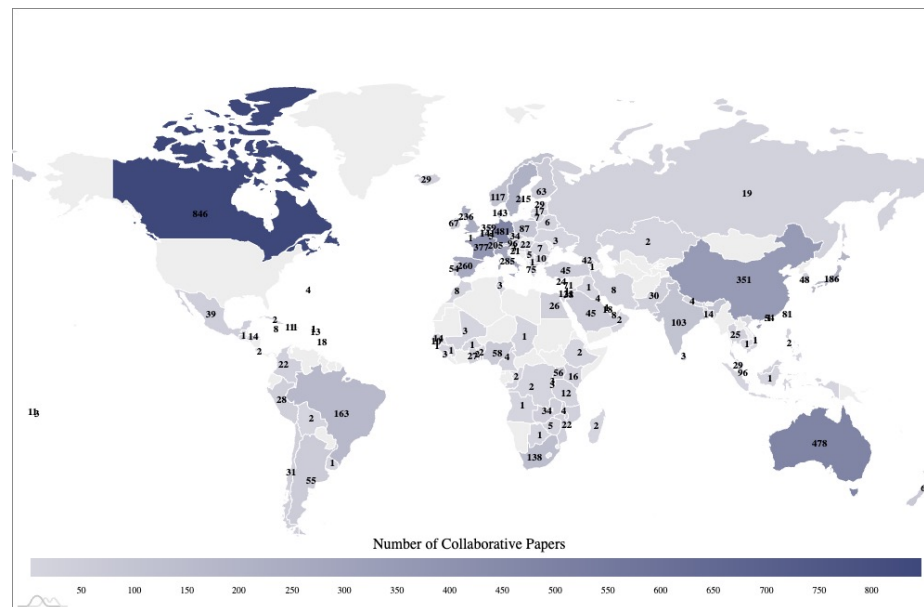
Co-authorships in Network/Project [Social Network of Collaborations]



Maximizing Publication Data



Co-authorships Globally [Multi-Site Collaborations]

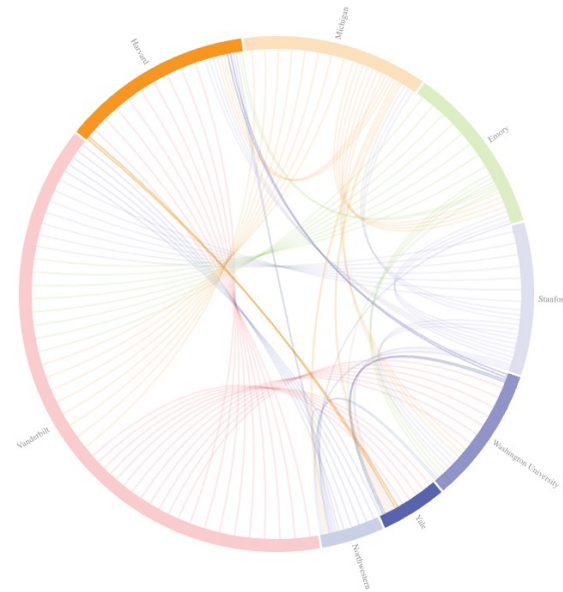


Maximizing Publication Data



Co-authorships Among Institutions [Multi-Site Collaborations]

You input the list of institutions!

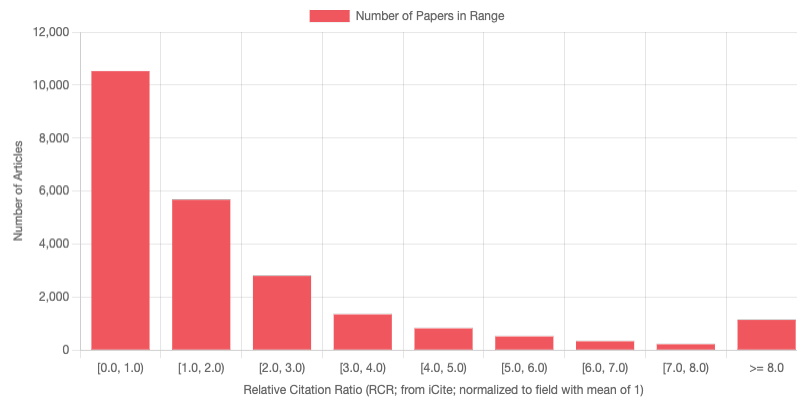


Maximizing Publication Data

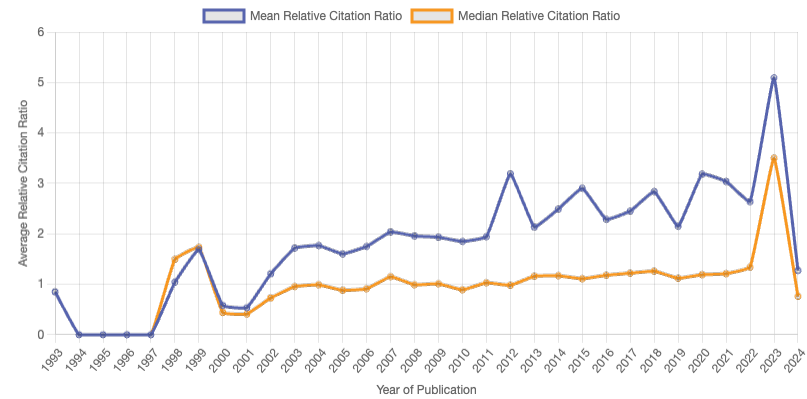


Impact Factors: Relative Citation Ratios or Altmetric Scores [Publication Impact Factors]

Histogram



Line graph of median & mean by year



Maximizing Publication Data



Publication Lists

[Publication List], [Brag: Publications Widget], [Publications with Mentors]

Publications

Check out these recent publications from our current and former students!

All Publications in Previous 180 Days

Lindley KJ, Perry A, Jacobs M, Petty L, Amancherla K, Zhao S, Barker C, Davila-Roman VG, Khan SS, Osmundson SS, Tanriverdi K, Freedman JE, Below J, Shah RV, Laurent LC. Differences in Cardiometabolic Proteins in Pregnancy Prioritize Relevant Targets of Preeclampsia. *Arterioscler Thromb Vasc Biol.* 2024-02-21. doi:10.1161/ATVBAHA.124.320737. PubMed PMID: 38385288

Shirakawa C, Shiroshita A, Kimura Y, Anan K, Cong Y, Tomii K, Igei H, Suzuki J, Ohgiya M, Nitawaki T, Sato K, Suzuki H, Nakashima K, Takeshita M, Okuno T, Yamada A, Kataoka Y. Prognostic Factors for Discharge Directly Home in Patients With Thoracoscopic Surgery for Empyema: A Multicenter Retrospective Cohort Study. *Surg Infect (Larchmt).* 2024-02-19. doi:10.1089/sur.2023.193. PubMed PMID: 38381952

Shroder M, Ford MM, Ye F, Zhao Z, Khan A, McChesney S, Hopkins MB, Hawkins AT. Development of a Predictive Nomogram for Circumferential Resection Margin in Rectal Cancer Surgery. *J Surg Res.* 2024-02-07; 296:532-540. doi:10.1016/j.jss.2023.12.047. PubMed PMID: 38335901

Al Hussein Al Awamh B, Wallis CJD, Penson DF, Huang LC, Zhao Z, Conwill R, Talwar R, Morgans AK, Goodman M, Hamilton AS, Wu XC, Paddock LE, Stroup A, O'Neil BB, Koyama T, Hoffman KE, Barocas DA. Functional Outcomes After Localized Prostate Cancer Treatment. *JAMA.* 2024-01-23; 331(4):302-317. doi:10.1001/jama.2023.26491. PubMed PMID: 38261043 PMC10807259.

- Genetic Epidemiology
- Global Health
- Healthcare Epidemiology and Outcomes Research
- Infectious Disease Epidemiology
- Nutritional Epidemiology
- Occupational and Environmental Epidemiology
- Reproductive Epidemiology

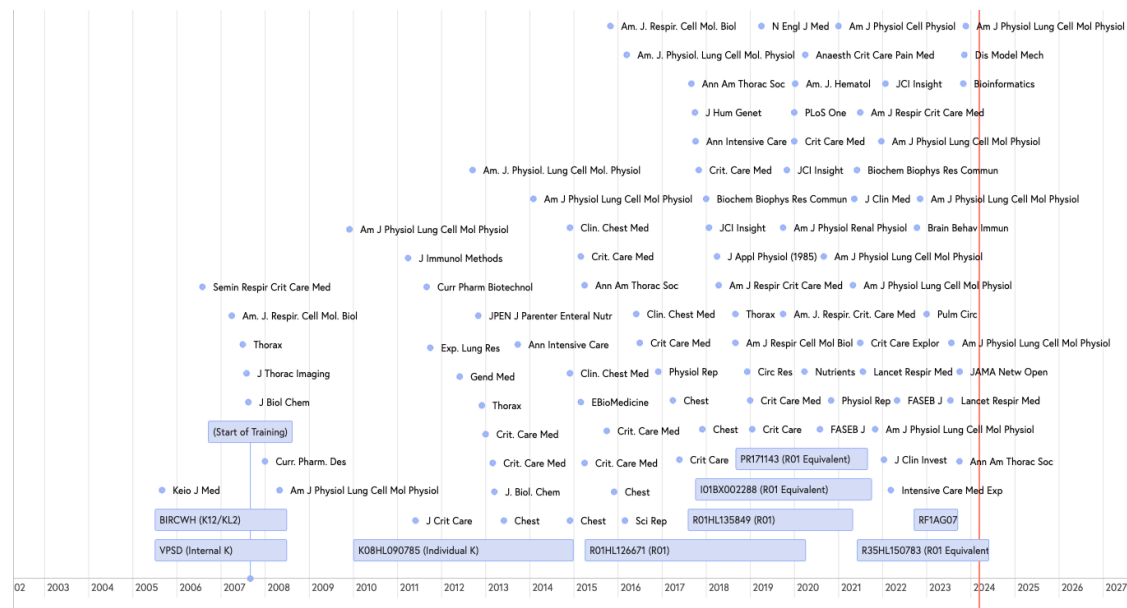
Anything else you want us to know about you?

Questions?

Maximizing Publication Data



Publications on Timeline [Blue dots] [Scholars menu → Scholar Profile]



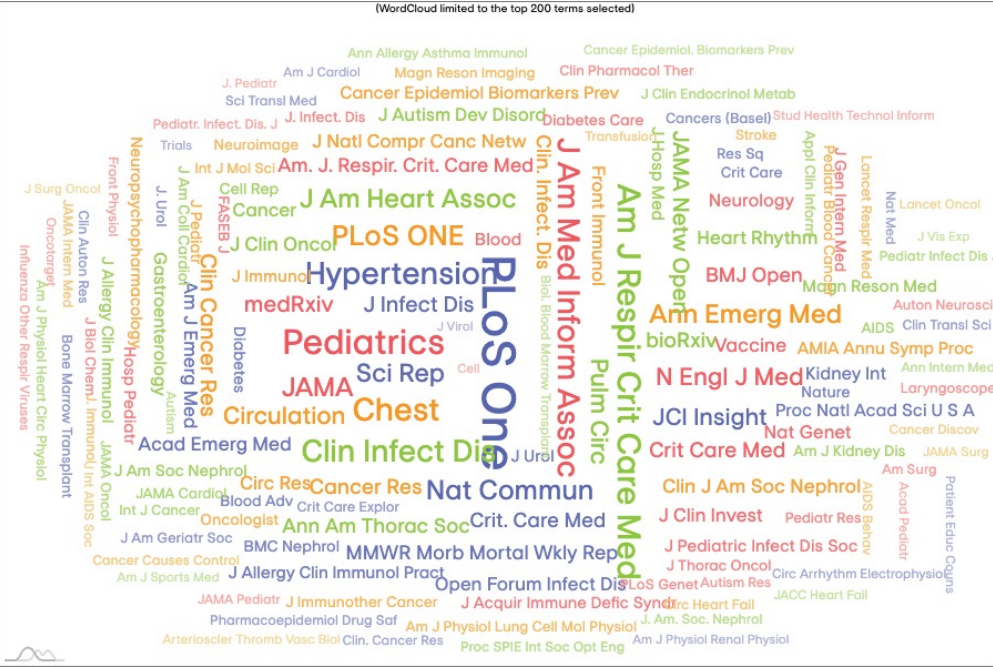
Maximizing Publication Data



Word Clouds [Word Clouds of Publications]

Associated Grants,
MeSH Terms
& Journals

Can filter by first-,
middle-, or last-authorship



Maximizing Demographic Data



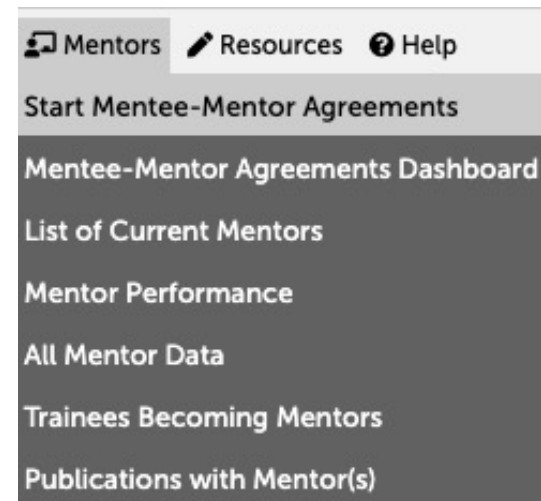
- Using federal definitions: Gender, race/ethnicity, disability, disadvantaged & under-represented minority
- Also, first generation in immediate family to complete bachelor's degree
- **Demographics Table** [View menu]
- Powerful: **Add/Modify a Cohort** [Cohorts / Filters menu]
Then, make a graph just for that cohort



Mentee-Mentor Agreements



- [Mentors menu]
- Mentees & mentors will need REDCap access
- **Start Mentee-Mentor Agreements**
 - Configure Agreements
 1. Select mentee[s] to contact
 2. Secure mentee[s] user-ids
 3. Identify the mentor and the mentor's user-id
 - Select & Contact Mentees
 - **Mentee-Mentor Agreement Dashboard**
- Turn off everything but agreements?
Feature switches on the Flight Tracker Home page



Recap



- Getting Started
- Scenarios to Quickly Maximize:
 - NIH Training Tables
 - Grant Data
 - Publication Data
 - Demographic Data
 - Mentee-Mentor Agreements





What's Next?

Brainstorms: Deep Dive Topics



What Topics Would You Like to Hear About or be Discussed Together on a **Deep Dive**?

Ideas: Scholar Portal, NIH Training Tables, Sending Surveys, Cohorts, Visualizations

New Getting Started Workshop



New Call!

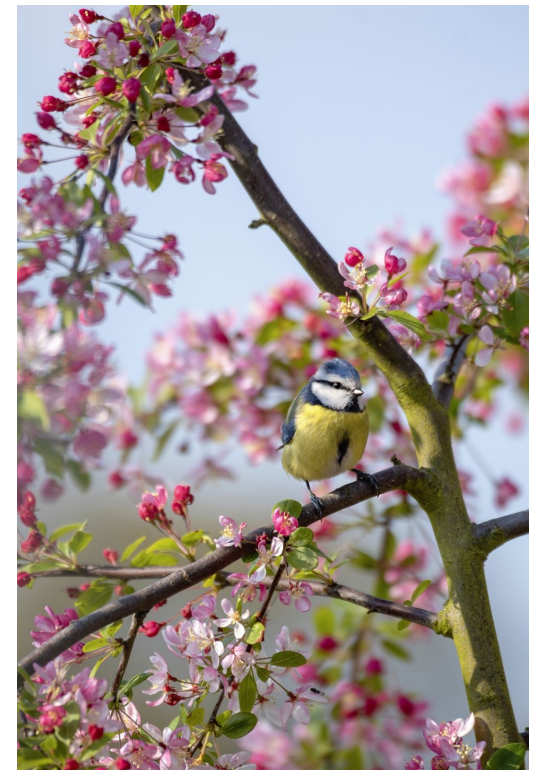
After each month's newbie call, we're hosting a separate Getting Started Workshop to get the ball rolling on implementation. Questions will center only around starting out. No advanced questions will be discussed.

Our first call will be on **Thursday, March 21, at 1pm CT.**

All newbie call participants will be invited.
Let me know if you want an invitation to the first one.

Spring 2024 Projects

- Exploring an **online video course** to replace the newbie call
- Tools to **connect scholars**:
 - Better ways to connect mentees to mentors
 - Visual tool to network scholars together
- Writing a **journal article** about Flight Tracker
- **Software improvements**:
 - Non-NIH Grants from Dept. of HHS [TAGGS]
 - Reworking hookup to xTRACT / eRA Commons
 - T → K → R conversion



Flight Tracker Community



Support Forum

"Better than Email" - Ask me for an Account in the Chat

<https://redcap.vanderbilt.edu/flightracker/>

A screenshot of the Flight Tracker Community forum interface. The top navigation bar includes the logo, a search box, a "Create post" button, and a "Spaces" dropdown. Below the navigation bar, a welcome message reads "Welcome to Flight Tracker Community!". The main content area is titled "All Posts in Flight Tracker Community" and lists several posts with their authors, dates, and topics. To the right of the posts, there are icons for sharing, commenting, and liking. On the right side of the forum, there is a sidebar with the "efe EDGE SCHOLARS" logo and a list of navigation links including "Home", "Flight Tracker Video Vault", "Mentee-Mentor Agreements", "Getting Started with Flight Tracker", "Next Consortium Meeting & Past Slides", "Newbie Session Agenda", "Edge for Scholars Blog", "Edge for Scholars at Vanderbilt", and "X: @EdgeForScholars".

FLIGHT TRACKER for scholars

Search for posts, topics, and users... [+ Create post](#) Spaces

Logged in as [scott.pearson](#)

Welcome to Flight Tracker Community!

All Posts in Flight Tracker Community

- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5 6 7 8 9 10

efe EDGE SCHOLARS

Home

- Flight Tracker Video Vault
- Mentee-Mentor Agreements
- Getting Started with Flight Tracker
- Next Consortium Meeting & Past Slides
- Newbie Session Agenda
- Edge for Scholars Blog
- Edge for Scholars at Vanderbilt
- X: @EdgeForScholars

Troubleshooting Call



Monthly Troubleshooting Call – optional

Third Wednesday at 1pm Central Time
March 20, 2024

Driven by Your Questions & Problems

All are welcome!

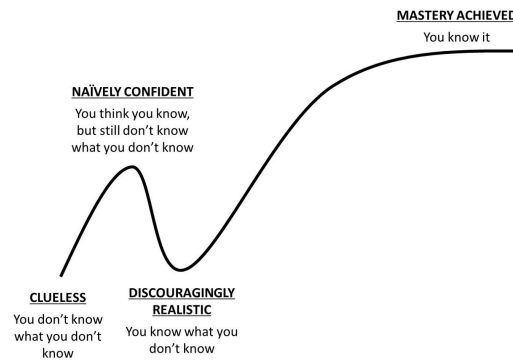
Ask to join our email list in the chat for an invitation...



Newbie Call



Just getting started with Flight Tracker?



There's a definite learning curve.
Move up more quickly by joining
March's "newbie" call.

Monday, March 18, at noon Central Time
(Tuesday, April 16, at noon Central Time)

Leave your email in the chat to receive an invitation

Flight Tracker Consortium Meeting

March 6, 2024



www.edgeforscholars.org

[X @EdgeForScholars](https://twitter.com/EdgeForScholars)

https://redcap.link/flight_tracker