

# Flight Tracker Consortium Meeting

July 3, 2024



[www.edgeforscholars.org](http://www.edgeforscholars.org)

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

[https://redcap.link/flight\\_tracker](https://redcap.link/flight_tracker)

# Meeting Agenda



Current Version:  
**v6.11.0**

## **What's New?**

Filtering Publications by Topic  
Publication Search Bug, Now Fixed  
Email a Cohort  
Publication Timelines

**Deep Dive:** The Scholar Portal

## **What's Next?**

T→K→R Conversion  
Other Summer 2024 Projects



# What's New?

# Filtering Publications by Topic



- Pubs menu → Publication List
- Filters for pubs with certain words in its title
- *E.g.*, AI, Artificial Intelligence

Step 1: Customize

<p><b>Turn on Altmetrics</b></p> <p>Sourced from the Web, altmetrics can tell you a lot about how often journal articles and other scholarly outputs like datasets are discussed and used around the world.</p>	<p><b>Show Pubs During Training</b></p> <p>Additional Days After Training: <input type="text"/></p> <p>Re-Configure</p>
<p><b>Filter for Timespan</b></p> <p>Start Date: <input type="text" value="mm/dd/yyyy"/> <input type="calendar"/></p> <p>End Date: <input type="text" value="mm/dd/yyyy"/> <input type="calendar"/></p> <p><b>Sorting</b></p> <p><input checked="" type="radio"/> By Date <input type="radio"/> By RCR <input type="radio"/> By Altmetric Score</p> <p><b>Filter for Author Position</b></p> <p><input checked="" type="checkbox"/> First Author <input checked="" type="checkbox"/> Middle Author <input checked="" type="checkbox"/> Last Author</p> <p>Re-Configure</p>	<p>Cohort: <input type="text" value="---SELECT---"/></p> <p>Currently showing all pubs</p> <p><b>Limit Pubs to After 2014</b></p> <p>PubMed's match-quality increased after 2014</p> <p><b>Filter by Grants Cited</b></p> <p><b>Filter by Word(s) in Title</b> (one per line, case-insensitive):</p> <p><input type="text"/></p> <p>Re-Configure</p>

## Publication Search Bug



- Generates an email in scholars with more than 2,000 publications
  - No publications are downloaded for those people
- Mostly affects names with apostrophes
- Introduced by using the incorrect data-cleaning routine
- Code bug [my fault], fixed in **v6.11.0**



# Email a Cohort



- Scholars menu → Configure an Email
- If you have cohorts set up, select Cohort for first question
- Then select which cohort to send the email to

**Who?**

**From Email Address**

**To (Recipients)**

Who Do You Want to Receive Your Email?

Individual(s)    Filtered Group    Cohort

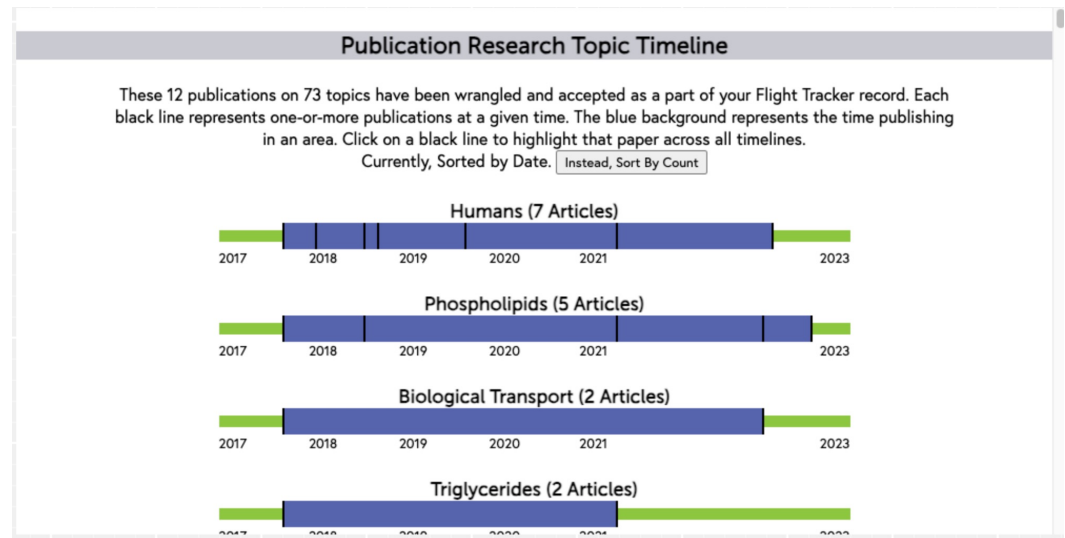
Which Cohort?

Cohort:

# Publication Timelines



- Scholars menu → Scholar Profiles; also Scholar Portal – **v6.11.0**
- MeSH Terms of publications over a scholar's research lifetime
- Each line is a publication
- Select a line to highlight just that publication
- Sort by date or by count
- Tell a scholar's research history





# Deep Dive

## The Scholar Portal



## Overview: Questions



- What is the Scholar Portal?
- What information does it communicate?
- What is required to set it up?
- How can I test it out?
- How can I let others know how to access it?
- What new features are added?
- What are your questions?



# What is the Scholar Portal?



- REDCap's Flight Tracker collects data on groups of scholars
  - Only those with access to the REDCap project can access Flight Tracker's group data
- The Scholar Portal allows scholars to access their own data, but not everyone else's
  - It requires that scholars have a REDCap login
  - [Outside scholars will be discussed later]

~~Welcome to Flight Tracker's Scholar Portal~~

Using Data from Newman Society [copy]

Your Info

Your Graphs

Your Network

# What does it communicate?



## Your Info menu

- View Profile
- Update Surveys / Demographics
- Validate Your Publications – Wrangling
- Add Honors & Awards
- Using Resources
- Edit Your Photo
- View Your ORCID Identifiers

Using Data from Newman Society [copy]

Your Info	Your Graphs	Your Network
View Profile		
Update Surveys / Demographics	Tracking your career development with reporting to funding agencies. Check these metrics as well.	
Validate Your Publications		
Add Honors & Awards	<b>Your Graphs and Your Info</b> show any inaccuracies under <b>Your Info</b> by exploring <b>Your Network</b> . Please check!	
Using Resources		
Edit Your Photo		
View Your ORCID Identifiers		

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# What does it communicate?



## Your Graphs menu

- Publishing Collaborations – in Group
- Publishing Impact – Impact Factors like Relative Citation Ratio
- Publishing Research Timelines
- Grant & Publication Timelines
- Group Publishing Collaborations – “Hairball” Social Network Graph
- Grant Funding by Year – Line Graph

Using Data from Newman Society [copy]

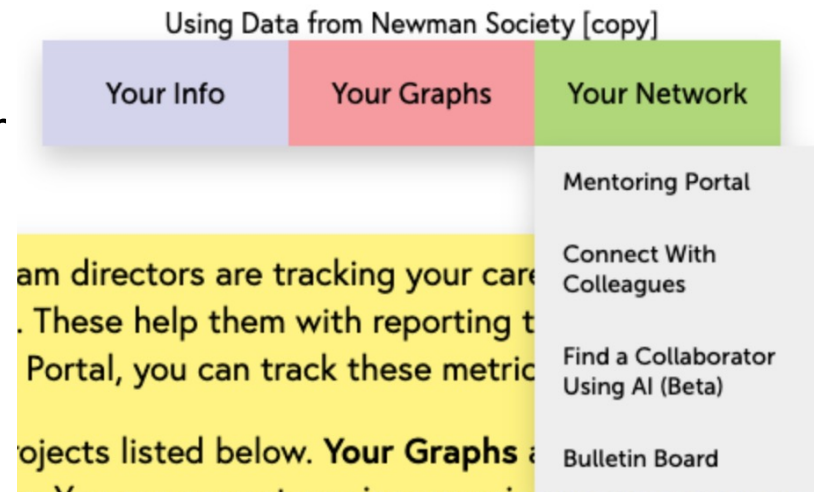
Your Info	Your Graphs	Your Network
	Publishing Collaborations	
m directors are t These help them portal, you can tr	Publishing Impact	r development funding agencies as well.
jects listed below . You can correct us research area and build your c	Publishing Research Timelines	ed <b>Your Info</b> sho nder <b>Your Info</b> r <b>Network</b> . Ple
	Grant & Publication Timelines	
	Publishing Collaborations (Computationally Expensive)	
atches in All Fli	Grant Funding by Year	ross Vanderb

# What does it communicate?



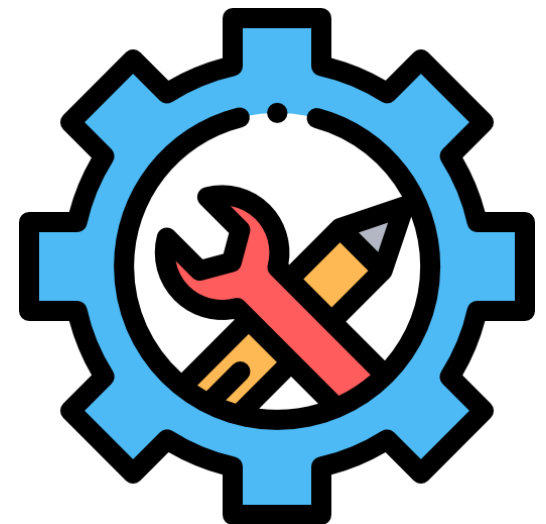
## Your Network menu

- Mentoring Portal – Mentee-Mentor Agreements
- Connect With Colleagues – Vanderbilt only for now
- Find a Collaborator – described soon
- Bulletin Board – institution-wide communications



## What is required to set it up?

- Each user needs a REDCap account/login with their name matching what you have in REDCap
  - The Scholar Portal runs on name matching
- Each user needs the special link to access the Scholar Portal
- **ALL** Flight Tracker projects that the scholar is in are accessible
- Automatically available from Flight Tracker **v6.0.0**



## How can I test it out?



- Put in the scholar's user-id on the Identifiers form [Institutional User ID]
- In Flight Tracker, go to Scholars menu → Scholar Profiles
- Select the scholar you want to “spooF”
- Click the link to take you to the Scholar Portal

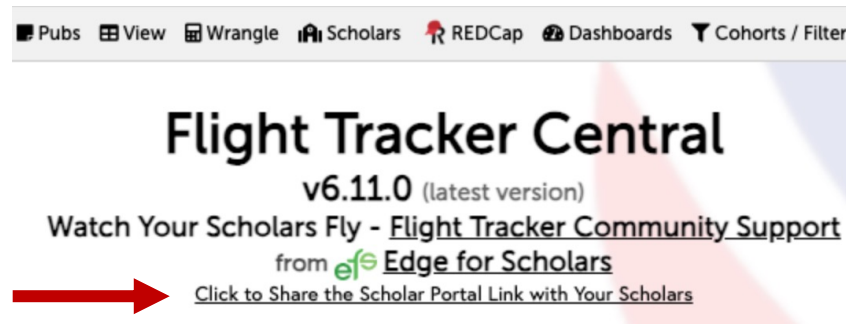
A screenshot of the Flight Tracker web application interface. At the top, a navigation bar contains icons and labels for 'Pubs', 'View', 'Wrangle', 'Scholars', 'REDCap', 'Dashboards', 'Cohorts / Filters', 'Mentors', 'Resources', and 'Help'. Below the navigation bar, the name 'Julie Bastarache' is displayed in a large, bold, black font. Underneath the name, a red arrow points to a link that reads 'SpooF This Scholar in the Scholar Portal for This Project Only'. Below the link, a blue underlined text states: 'SpooFing or mimicking a scholar allows you to see what they might see or to troubleshoot issues as they arise.'

# How can I let others know?



Use one of two ways:

1. Click the Home link on the Flight Tracker menu [“Flight Tracker Home Page”] and click the below link to copy. Then send an email.



2. Go to the Scholars menu → Configure an Email and click the “Insert Scholar Portal Link” button to add it to an email.



# What new features are there?



Find a Collaborator [**v6.12.0** – coming this month]

## Find a Collaborator Using Artificial Intelligence

What topic(s) do you want to search for? Doing so will search all 49 Flight Trackers on this server and may take some time. It will search everyone's publications using MeSH Terms and using analysis by Artificial Intelligence.

AI-Generated Topics to Search for (separated by semicolons):

MeSH Term:

- AI part shows up only for Vanderbilt
- MeSH Terms are for everyone
- Searches all wrangled publications at that institution for a term
- Good for connecting new trainees to established scholars

What are your questions?



**What do you want to know?**



## Recap of Questions

- What is the Scholar Portal?
- What information does it communicate?
- What is required to set it up?
- How can I test it out?
- How can I let others know how to access it?
- What new features are added?
- What are your questions?



# Accessing Past Slides & Videos



- Flight Tracker website: [https://redcap.link/flight\\_tracker](https://redcap.link/flight_tracker)
- “Consortium Meeting”:  
Past slides
- “Video Archives”:  
Past videos

A screenshot of the Flight Tracker website interface. The top section has a blue background with the text "Efficiency Tools Flight Tracker" and "Automated tracking & analysis of career outcomes". Below this is a green circular button with the text "Click to Request Invite for Monthly Newbie Call (Times Below)". The main content area has a white background with text describing the software and its benefits. A red arrow points to the text "Flight Tracker is free and available to any institution with REDCap. The consortium meeting provides monthly calls and video archives to get new users up to speed." The bottom right corner has a yellow box with the text "MENTOR NOTES" and a question about having a pool of scholars.

Efficiency Tools  
**Flight Tracker**

Automated tracking & analysis  
of career outcomes

Flight Tracker software, developed at Vanderbilt and used by over 50 institutions, automates tracking and analysis of career outcomes, including publications, funding, training activities, and other milestones.

Graduate programs, training grants, and departments use Flight Tracker to keep up with their scholars' success.

Flight Tracker offers dashboards, metrics, and visuals such as an up-to-the-moment K-to-R conversion calculator, success curves, and social network graphs.

Time spent gathering information and producing NIH training tables is reduced. Customizable online surveys simplify collection of demographic data.

Flight Tracker is free and available to any institution with REDCap. The consortium meeting provides monthly calls and video archives to get new users up to speed.

**Click to Request Invite for Monthly Newbie Call (Times Below)**

**MENTOR NOTES**

Do you have a pool of scholars at Vanderbilt or Meharry (training grants, degree programs, departments, or others) that you would like to track?

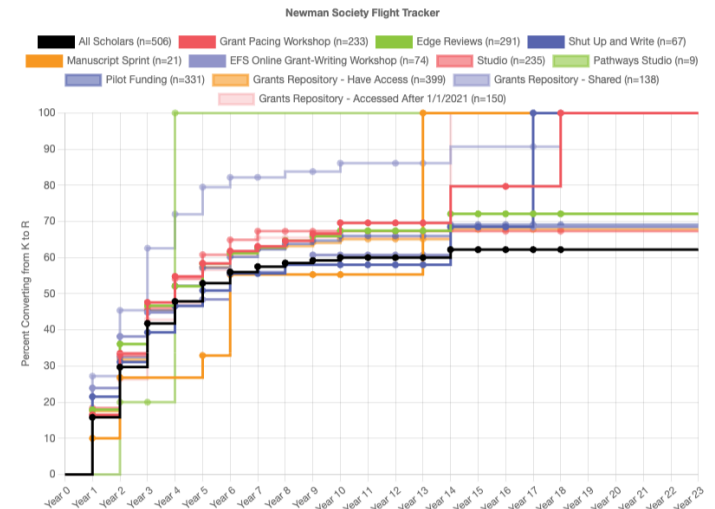


**What's Next?**

# T→K→R Conversion



- Currently, we support K→R conversion rates. The literature contains many references to this concept.
- T→K→R conversion studies are fewer. Arnita King has pointed me to two discussions.
- Suggested additions:
  - Conversion rates: T→K and T→K→R, when applicable
  - Kaplan-Meier Success curve for conversion, both T→K and T→K→R
- I'm interested in supporting inquiry and research about this topic



# Summer 2024 Projects



- Exploring an **online video course**
- Writing a **journal article** about Flight Tracker
- **Software improvement:** Non-NIH Grants from Dept. of HHS [TAGGS]
- **Exploring** requesting additional APIs from the NIH to ease publication wrangling and reporting to the NIH



# 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 page. The page header includes the Flight Tracker logo, a search bar, a "Create post" button, and a "Spaces" dropdown menu. The main content area is titled "All Posts in Flight Tracker Community" and lists several posts with their titles, authors, and engagement metrics (comments and likes). A sidebar on the right contains the "Edge for Scholars" logo and a list of navigation links.

Welcome to Flight Tracker Community!

All Posts in Flight Tracker Community

Author	Topic	Comments	Likes
jessica.chiovitte commented • 1 day ago • Getting Started	Using FT for New T32 Applications (Jump to latest comment)	5	0
scott.pearson commented • 1 week ago • Tracking Scholars	Identical name at same institution (Jump to latest comment)	1	0
scott.pearson posted • 1 week ago • New Features	Honors & Awards Survey	0	0
kia.huffman commented • 1 week ago • Getting Started	email not sent, make sure "Enable module on all projects by default" is NOT checked. (Jump to latest comment)	1	0
scott.pearson commented • 1 week ago • Wrangling Grants & Pubs	Publication results limited by the "Institutions Searched For" (Jump to latest comment)	3	0

Edge for 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  
July 21, 2024

*Driven by Your Questions & Problems*

All are welcome!

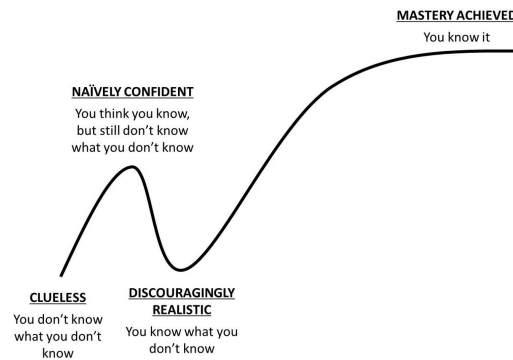
Ask to join our email list in the chat for an invitation...



# Newbie Call



## Just getting started with Flight Tracker?



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

**Tuesday, July 16, at 11am Central Time**  
**(Tuesday, August 13, at noon Central Time)**

Leave your email in the chat to receive an invitation

# Getting Started Workshop



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 next call will be on **Friday, July 19, at noon CT.**

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

# Flight Tracker Consortium Meeting

July 3, 2024



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