

Flight Tracker Consortium Meeting

January 5, 2022



Meeting Agenda



What's New?

**Celebrating National Mentoring Month
Grant Submissions in Custom Grants
Search by Middle Name**

What's Next?

**Monthly Troubleshooting Meeting?
Launch of Mentee-Mentor Agreements**

Office Hours with Rebecca & Scott

National Mentoring Month



- January – designated as National Mentoring Month
<https://www.mentoring.org/campaigns/national-mentoring-month/>
- edgeforscholars.org/category/mentoring/ currently has a spread of articles centered around mentoring.
- [Summary of Flight Tracker by Rebecca Helton:
edgeforscholars.org/flight-tracker-streamlined-career-development-tracking-analysis/]



Flight Tracker can also be used to provide interesting perspectives on mentoring.

#NationalMentoringMonth

Getting Started with Mentoring

- Enter mentor names (and, optionally, REDCap user-ids) on Manual Import form.
- Overnight, will automatically fill mentor information on Summary form.
- Can add more than one name/user-id: Just separate by commas.



Mentoring Analytical Tools

- Co-authorship on social network graph
- Mentor performance ratings
 - By number of mentees
 - By $K \rightarrow R$ conversion rate of mentees
- Mentees becoming mentors
- **Coming in February...** customizable mentee-mentor agreements



Co-Authorship Social Network



Publishing Collaborations Among Scholars

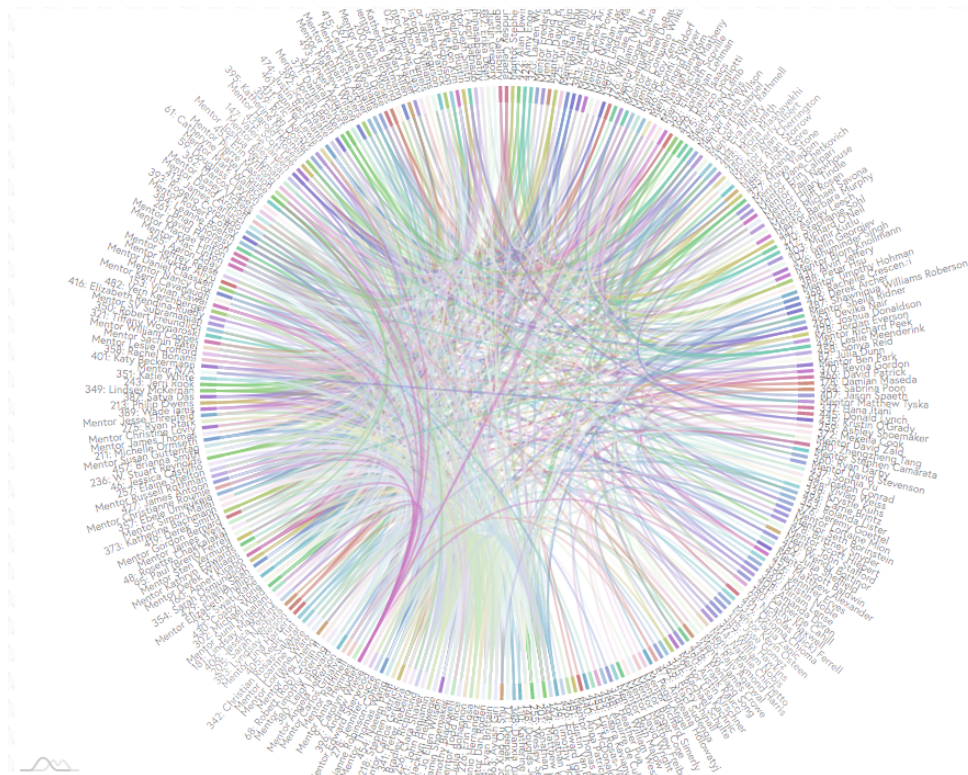
Check this!

Make a Cohort to View a Sub-Group
Cohort: ▼
Index by Field: ▼
 Include Mentors' Collaborations with Scholars
 Show Only Collaborations with Multiple Mentors



**Under Publications
Menu**

Co-Authorship Social Network



Warning: Graph will be busier with mentors.

Matches mentor names in mentee records. Does not grab mentor publications.



Mentor Performance Stats

Sorted by Number of Mentees

Sorted by Conversion Rate

- Two measures of performance. Both should be consulted to gauge a given mentor's effectiveness.
- Works best with data over longer terms.



Great for Mentor Awards!

Mentor Performance Stats



Mentor	Number of Mentees	Mentees	Conversion Rate
	15	Robert Abraham (off K) Vineet Agrawal (K) Dana Crawford (R) Dawood Darbar (R) Andrew Glazer (off K) Kamran Idrees (off K) Prince Kannankeri (R) Brett Kroncke (K) Eric Liu (off K) Tracy McGregor (off K) Jonathan Mosley (R) Moore Benjamin Shoemaker (R) Sara Van Driest (R) Quinn Wells (R) Hua Xu (R)	61.5% 8/13
	12	Khaled Abdel-Kader (R) Seema Basi (off K) Gurjeet Birdee (off K) Kelly Birdwell (off K) Kerri Cavanaugh (R) Adriana Hung (off K) Luis F. Ramos (off K) Cassianne Robinson-Cohen (R) Edward Siew (off K) Francesca Tentori (off K) Julie Wright Nunes (R) Sandra Zinkel (R)	41.7% 5/12
	11	Alicia Beeghly-Fadiel (off K) Sandra Deming (Halverson) (off K) Todd Edwards (R) Meira Epplein (R) Andreana Holowatyj (K) Nikhil Khankari (off K)	50% 5/10

- Calculates conversion rate and number of mentees – two ways to track performance.
- Lists names of mentees and status to double-check.



Trainees Becoming Mentors



Trainees Becoming Mentors

Names in **Green** have this scholar as their primary mentor; other names have this scholar as a secondary mentor.

Restrict Scholars (but not Mentees) to Cohort:

Cohort:

Scholar Name	Scholar Record	Scholar's Primary Mentor	Number of Matched Mentees	Mentees
Ty Abel	Record 2	Hal Moses	1	Katherine (Katie) Gifford
Carolyn Audet	Record 9	Sten Vermund	3	Jessica Perkins TA McDonald Jennifer Lewis
Julie Bastarache	Record 16	Timothy Blackwell Lorraine Ware	1	Ciara Shaver
Margaret (Meg) Benningfield	Record 22	Peter Martin	1	Alexandra Bettis
Jennifer Blackford	Record 29	Richard Shelton	2	Alexandra Bettis Luis Rosas-Vidal
Carissa Cascio	Record 43	Paul Yoder	1	David Isaacs
Kerri Cavanaugh	Record 47	Alp Ikizler	2	Ebele Umeukeje Devika Nair
Cecilia Chung	Record 54	Michael Stein	2	April Barnado Jacklyn Hellwege



Grant Submissions



- By request, Flight Tracker can now track grant submissions in the Custom Grants form in REDCap.
- Will show up on an individual's Scholar Profile.
- Great for tracking “grant pacing” while in the K phase of a career.

Grant Submissions: Input



- Wrangle
- Scholars
- Add a Custom Grant**
- Add Custom Grants by Bulk
- Grant Wrangler
- Publication Wrangler
- Lexical Translator
- Patent Wrangler



Editing existing Record Id 1. (Instance #1) Elvis Akwo

Record Id	1
The Custom Grants form tracks grant awards (e.g., for PIs or Co-PIs) or appointments to a grant (e.g., for trainees).	
Grant Title	<input type="text"/>
Grant Number or Funding Mechanism or Funding Mechanism (e.g., 1R01HL1234...)	<input type="text"/>
Grant Type <small>* must provide value</small>	<input type="text" value="v"/>
Are you tracking this grant as a submission?	<input type="radio"/> Yes <input type="radio"/> No
Sponsoring Organization (e.g., NIH, CDC, VA)	<input type="text"/>
Recipient Organization (e.g., Vanderbilt)	<input type="text"/>
Role on Grant	<input type="text" value="v"/>

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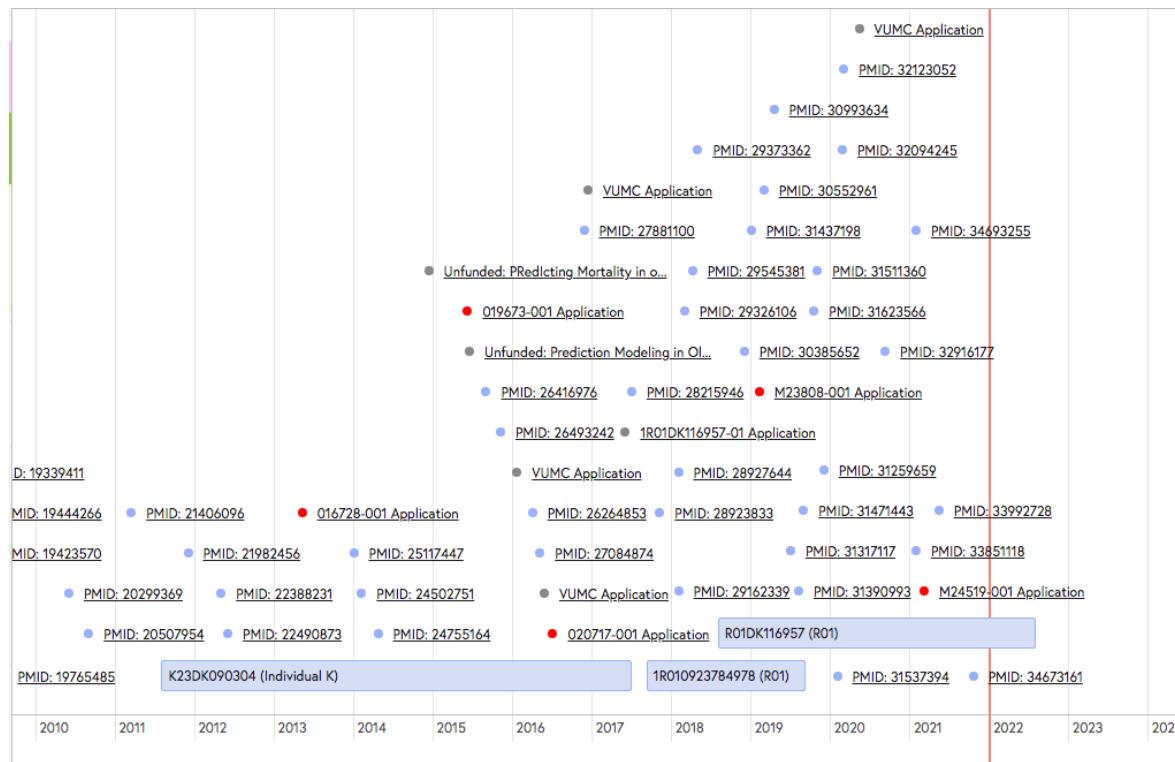
Grant Submissions: Input



Are you tracking this grant as a submission?	<input checked="" type="radio"/> Yes <input type="radio"/> No	reset
Submission Status	<input type="radio"/> Awarded <input type="radio"/> Pending <input type="radio"/> Unfunded	reset
Date Submitted <small>* must provide value</small>	<input type="text"/> <input type="button" value="31"/> Today M-D-Y	
Date Resubmitted (if applicable)	<input type="text"/> <input type="button" value="31"/> Today M-D-Y	

- Branching logic opens new questions specific to grant submissions.
- Can quickly shift an application into Awarded status if pertinent.
- Also, handles resubmissions.

Grant Submissions: Timeline



- Grey dots = unfunded grants
- Red dots = grant submissions
- Blue dots = publications
- Blue bars = career-defining grants

Grant Submissions: Timeline



- Useful to figure out if a scholar is pacing themselves properly on K-class grants.
- Goal: To work her/his way through the grant submission process early enough to avoid bridge funding.
- A scholar needs to be working towards R-class applications early in the K grant.
- Only by tracking grant submissions will you be able to tell if your scholars are on-schedule.
- We're planning another timeline more focused on all grants without publications...



“What’s in a Name?”



- Originally, Flight Tracker searched external APIs by first and last name (all variations, including nicknames and maiden names).
- **Initial concern:** Too many false matches with middle names → Did not include middle names in searches.
- **Update:** Include middle names as if they were an additional first name.
- **Mess & clean up:** Generated too many false matches when included middle names. Automatic clean up script in v3.14.0 and higher.



Revised Name-Matching Algorithm



- Include middle names with equal weighting as first names only if not an initial.

- **Martha A. Smith**

- "Martha Smith"
- "Martha A. Smith"
- Not "A. Smith"

- **John Adam Doe**

- "John Doe"
- "Adam Doe"
- "John Adam Doe"

- **Jane A. Clinton-Williams**

- "Jane Clinton-Williams"
- "Jane Clinton"
- "Jane Williams"
- "Jane A. Clinton-Williams"
- "Jane A. Clinton"
- "Jane A. Williams"
- Not "A. Clinton-Williams"
- Not "A. Clinton"
- Not "A. Williams"



Proposal: Troubleshooting Call



- We've noticed an uptick in troubleshooting requests. This is awesome because it indicates you're trying to make the most of the software.
- Since everyone struggles with similar issues, thinking of starting a monthly, hour-long troubleshooting call mid-month.
- Perhaps 1pm Central Time on the third Wednesday of each month... Thus, first meeting on **January 19 at 1pm Central Time?**



Your thoughts?

February: Mentee Agreements



Allows a custom definition of the mentee-mentor relationship.

Revisits agreements periodically to make a living agreement.

Provides education about successful mentoring experiences.

Identifies and heads off potential issues.

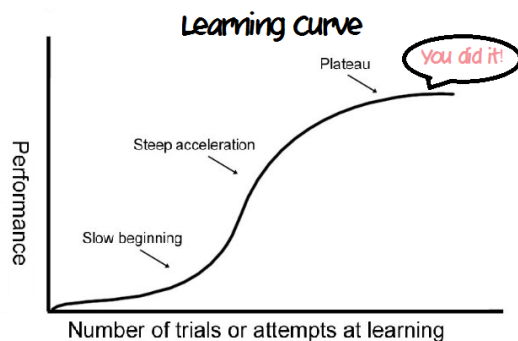
Will allow for data-driven determination of best practices.



Newbie Call



Just getting started with Flight Tracker?



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

Thursday, January 20 at 1pm Central Time

Leave your email in the chat to receive an invitation.

Office Hours with Rebecca & Scott

