

Flight Tracker Consortium Meeting

December 7, 2022



www.edgeforscholars.org

 @EdgeForScholars

https://redcap.link/flight_tracker

Meeting Agenda



What's New?

Twitter Handles

Import Scholars from NIH Training Tables

Limiting Publication Data

Deep Dive: REDCap Forms

What's Next?

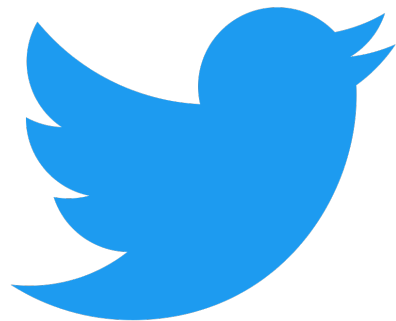
National Mentoring Month & Winter Projects

Office Hours with Rebecca & Scott



What's New?

Twitter Handles



- Version **4.19.0**
- Collecting Twitter handles to be able to integrate with social media marketing of scholarship
- On surveys and Identifiers form
- Began push before Twitter turmoil; active in monitoring volatility and open to adaptations
- First step for longer-term push to help social media; ***more coming...***

Import New Scholars from NIH Training Tables



- Version **4.20.0**
- Direct import during installation or via Add a New Scholar
- For purpose of quick setup for training grants
- **Constraint:** Headers must match requested NIH formats!

Import Trainees from NIH Training Tables

Duplicate names will be skipped.

Import Only Trainees as Scholars to be Tracked
 Import Only Faculty as Scholars to be Tracked
 Import Both Trainees and Faculty as Scholars to be Tracked

---SELECT TABLE---

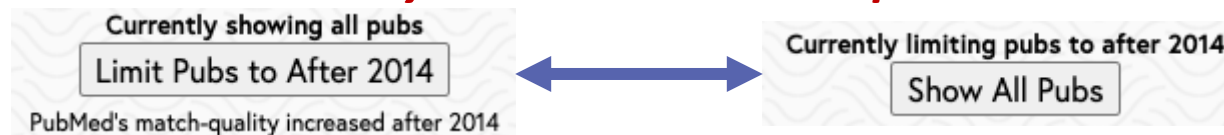
Upload CSV (with headers in first row): No file chosen

Limiting Publications



- PubMed began tracking institutional information for ALL authors around 2013-2014
- Flight Tracker searches PubMed by name and institutions
- Therefore, data quality increases significantly for publications AFTER 2014; older data might match only on first authors
- Produce graphs for only highest-quality data (**4.21.0**)

Only on Publication Graphs





Deep Dive

REDCap Forms

Overview



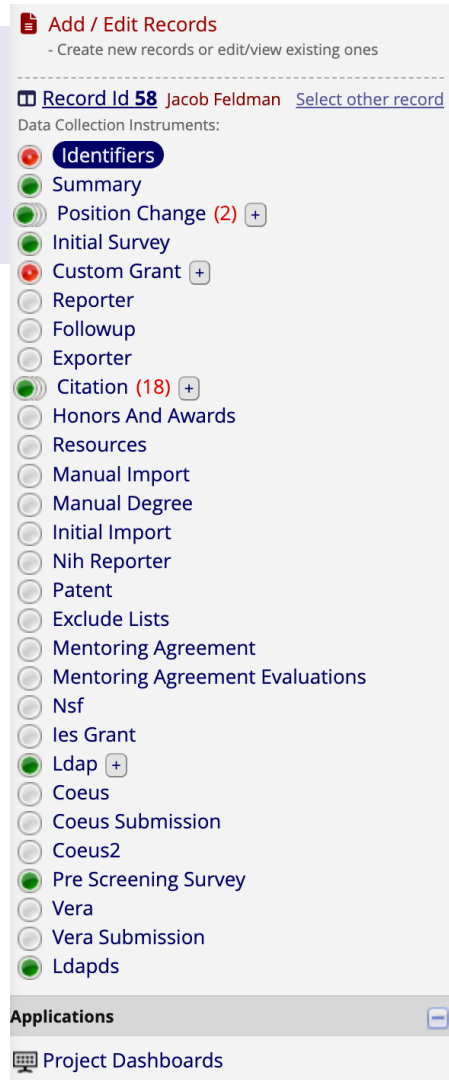
REDCap forms in Flight Tracker allow admins to put in information about trainees manually (vs. surveying the scholar).

Six Forms

- Initial Import
- Manual Import
- Manual Degree
- Custom Grant
- Position Change
- Honors and Awards

How to Access

Inside any record, go to individual forms on the sidebar



The screenshot shows a sidebar menu for a record. At the top, there is a red document icon and the text "Add / Edit Records" with a subtext "- Create new records or edit/view existing ones". Below this is a record identifier "Record Id 58" for "Jacob Feldman" with a link "Select other record". Under the heading "Data Collection Instruments:", there is a list of items, each with a radio button and a plus sign: "Identifiers" (selected), "Summary", "Position Change (2)", "Initial Survey", "Custom Grant", "Reporter", "Followup", "Exporter", "Citation (18)", "Honors And Awards", "Resources", "Manual Import", "Manual Degree", "Initial Import", "Nih Reporter", "Patent", "Exclude Lists", "Mentoring Agreement", "Mentoring Agreement Evaluations", "Nsf", "Ies Grant", "Ldap", "Coeus", "Coeus Submission", "Coeus2", "Pre Screening Survey", "Vera", "Vera Submission", and "Ldapds". At the bottom of the sidebar, there is a section titled "Applications" with a minus sign icon, and a link for "Project Dashboards".



Initial Import



- Mirrors scholar initial survey
- Intended for admins with existing information (reduce survey burden on trainees)
- Demographics, education, appointments/jobs, honors/awards, recent activities, funding
- If scholar contradicts any information here in a future survey, their answer will populate the Summary (computer will consider it “true”)

Manual Import



- Covers demographic info, mentor, and other institutions
- Information here overrides info reported elsewhere (e.g., scholar survey)
- Entering former/future institutions here will add them to the list of institutions to search in PubMed, NIH RePORTER, etc.



Manual Degree



Editing existing Record Id 1. (Instance #1) Khaled Abdel-Kader

Record Id 1

This form should be completed whenever a scholar completes a degree program. It also can keep track of degrees completed in the past. It is compiled into the scholar's summary which combines all the degrees into a dropdown. It is also used in reporting to the NIH.

Degree

Institution which granted this degree

When did this training program start? Today M-D-Y

When does the scholar expect to receive this degree or received this degree? (Please select month and enter year)


Year (YYYY)




Custom Grant




- Information about grants Flight Tracker doesn't automatically pull from federal sources
- Internal awards, K12/T32 appointments, foundation awards, industry funding, subcontracts
- Repeating form; infinite grants



 Editing existing Record Id **455**. (Instance #1) Mona Mashayekhi

Record Id	455
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" value="Immunologic Effects of Modifying the Arachido"/>
Grant Number or Funding Mechanism or Funding Mechanism (e.g., 1R01HL1234...)	<input type="text" value="VFRS"/> <small>The grant number is needed for Grant Reporting</small>
Grant Type <small>* must provide value</small>	<input type="text" value="Internal K"/>
Are you tracking this grant as a submission?	<input type="radio"/> Yes <input checked="" type="radio"/> No reset
Sponsoring Organization (e.g., NIH, CDC, VA)	<input type="text" value="Vanderbilt"/>
Recipient Organization (e.g., Vanderbilt)	<input type="text" value="Vanderbilt"/>
Role on Grant	<input type="text" value="PI"/>
Start Date of Funding <small>* must provide value</small>	<input type="text" value="07-01-2020"/>  Today M-D-Y
End Date of Funding	<input type="text" value="12-03-2020"/>  Today M-D-Y
Direct costs for this grant	<input type="text"/> <small>A whole number without a dollar sign and without commas</small>
Last Updated	<input type="text"/>  Today Y-M-D



 Editing existing Record Id **455**. (Instance #1) Mona Mashayekhi

Record Id 455

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

Grant Number or Funding Mechanism or Funding Mechanism (e.g., 1R01HL1234...)
The grant number is needed for Grant Reporting

Grant Type
** must provide value*

Are you tracking this grant as a submission? Yes No [reset](#)

Sponsoring Organization (e.g., NIH, CDC, VA)

Recipient Organization (e.g., Vanderbilt)

Role on Grant

Start Date of Funding M-D-Y
** must provide value*

End Date of Funding M-D-Y

Direct costs for this grant
A whole number without a dollar sign and without commas

Last Updated Y-M-D



Editing existing Record Id 455. (Instance #1) Mona Mashayekhi

Record Id 455

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

Grant Number or Funding M (e.g., 1R01HL1234...)

Grant Type * must provide value

Are you tracking this grant a

Sponsoring Organization (e.g.,

Recipient Organization (e.g.,

Role on Grant

Start Date of Funding * must provide value

End Date of Funding

Direct costs for this grant A whole number without a dollar sign and without commas

Last Updated

- Internal K
- ✓ K12/KL2
- Individual K
- K Equivalent
- R01
- R01 Equivalent
- Training Appointment
- Research Fellowship
- Mentoring/Training Grant Admin
- K99/R00
- N/A



✎ Editing existing Record Id 455. (Instance #1) Mona Mashayekhi

Record Id 455

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 Immunologic Effects of Modifying the Arachido

Grant Number or Funding Mechanism or Funding Mechanism (e.g., 1R01HL1234...) VFRS
The grant number is needed for Grant Reporting

Grant Type Internal K
** must provide value*

Are you tracking this grant as a submission? Yes No [reset](#)

Sponsoring Organization (e.g., NIH, CDC, VA) Vanderbilt

Recipient Organization (e.g., Vanderbilt) Vanderbilt

Role on Grant PI


Start Date of Funding 07-01-2020 M-D-Y
** must provide value*

End Date of Funding 12-03-2020 M-D-Y

Direct costs for this grant
A whole number without a dollar sign and without commas

Last Updated Y-M-D




 Editing existing Record Id **455**. (Instance #2) Mona Mashayekhi

Record Id	455
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" value="Immunologic Effects of Modifying the Arachido"/>
Grant Number or Funding Mechanism or Funding Mechanism (e.g., 1R01HL1234...)	<input type="text" value="VFRS KL2"/> <small>The grant number is needed for Grant Reporting</small>
Grant Type <small>* must provide value</small>	<input type="text" value="K12/KL2"/>
Are you tracking this grant as a submission?	<input type="radio"/> Yes <input checked="" type="radio"/> No reset
Sponsoring Organization (e.g., NIH, CDC, VA)	<input type="text" value="NIH"/>
Recipient Organization (e.g., Vanderbilt)	<input type="text" value="Vanderbilt"/>
Role on Grant	<input type="text" value="PI"/>
Start Date of Funding <small>* must provide value</small>	<input type="text" value="12-04-2020"/> <input type="button" value="Today"/> M-D-Y
End Date of Funding	<input type="text" value=""/> <input type="button" value="Today"/> M-D-Y
Direct costs for this grant	<input type="text" value=""/> <small>A whole number without a dollar sign and without commas</small>
Last Updated	<input type="text" value=""/> <input type="button" value="Today"/> Y-M-D



This instance feeds scholar timeline, grant metrics

 Editing existing Record Id **455**. (Instance #3) Mona Mashayekhi

Record Id 455

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

Grant Number or Funding Mechanism or Funding Mechanism (e.g., 1R01HL1234...)
The grant number is needed for Grant Reporting

Grant Type * must provide value

Are you tracking this grant as a submission? Yes No [reset](#)

Sponsoring Organization (e.g., NIH, CDC, VA)

Recipient Organization (e.g., Vanderbilt)

Role on Grant

Start Date of Funding Today M-D-Y * must provide value

End Date of Funding Today M-D-Y

Direct costs for this grant
A whole number without a dollar sign and without commas

Last Updated Today Y-M-D



Editing existing Record Id **455**. (Instance #3) Mona Mashayekhi

Record Id 455

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

Grant Number or Funding Mechanism or Funding Mechanism (e.g., 1R01HL1234...)
The grant number is needed for Grant Reporting

Grant Type
** must provide value*

Are you tracking this grant as a submission? Yes No [reset](#)

Sponsoring Organization (e.g., NIH, CDC, VA)

Recipient Organization (e.g., Vanderbilt)

Role on Grant

Start Date of Funding M-D-Y
** must provide value*

End Date of Funding M-D-Y

Direct costs for this grant
A whole number without a dollar sign and without commas

Last Updated Y-M-D



This instance feeds Table 8

Position Change



- Tracks scholar's jobs before and after they're with you
- Feeds Table 8
- Institution names are added to list to search PubMed, NIH RePORTER, etc.



Record Id	36
<p>This form should be completed with each job move for a given scholar. It is primarily used for reporting to the NIH and for compiling a list of institutions to search for a scholar's publications and grants. It also provides a way for effective record-keeping.</p> <p>Because they are used for matching purposes, as best as possible, the institution names should reflect usage in the NIH RePORTER, Federal RePORTER, and PubMed systems. Shorter names (e.g., Vanderbilt) are preferred over longer names (e.g., Vanderbilt University Medical Center) and abbreviations (e.g., VUMC).</p>	
Date Effected	<input type="text" value="11-01-2016"/> <input type="button" value="Today"/> M-D-Y
End Date	<input type="text"/> <input type="button" value="Today"/> M-D-Y <small>Optional</small>
Job Title	<input type="text" value="Assistant Professor"/> <small>* must provide value</small>
Workforce Sector	<input checked="" type="radio"/> Academia <input type="radio"/> Government <input type="radio"/> For-Profit <input type="radio"/> Non-profit <input type="radio"/> Other <small>reset</small>
Principal Activity	<input checked="" type="radio"/> Primarily Research <input type="radio"/> Primarily Teaching <input type="radio"/> Primarily Clinical <input type="radio"/> Research-related <input type="radio"/> Further Training <input type="radio"/> Unrelated to Research <small>reset</small>
New Academic Rank	<input type="text" value="Assistant Professor"/>
New Institution/Organization	<input type="text" value="Vanderbilt University Medical Center"/>
New Department	<input type="text" value="Medicine/Allergy Pulmonary & Critical Care [1"/>
New Division	<input type="text" value="Allergy, Pulmonary and Critical Care"/>
Date Entered	<input type="text" value="2020-07-31"/> <input type="button" value="Today"/> Y-M-D



Record Id 36

This form should be completed with each job move for a given scholar. It is primarily used for reporting to the NIH and for compiling a list of institutions to search for a scholar's publications and grants. It also provides a way for effective record-keeping.

Because they are used for matching purposes, as best as possible, the institution names should reflect usage in the NIH RePORTER, Federal RePORTER, and PubMed systems. Shorter names (e.g., Vanderbilt) are preferred over longer names (e.g., Vanderbilt University Medical Center) and abbreviations (e.g., VUMC).

Date Effected 11-01-2016 Today M-D-Y

End Date Optional Today M-D-Y

Job Title Assistant Professor
* must provide value

Workforce Sector

- Academia
- Government
- For-Profit
- Non-profit
- Other

Principal Activity

- Primarily Research
- Primarily Teaching
- Primarily Clinical
- Research-related
- Further Training
- Unrelated to Research

New Academic Rank Assistant Professor

New Institution/Organization Vanderbilt University Medical Center

New Department Medicine/Allergy Pulmonary & Critical Care [1]

New Division Allergy, Pulmonary and Critical Care

Date Entered 2020-07-31 Today Y-M-D



These options match requirements for Table 8



Record Id	36
<p>This form should be completed with each job move for a given scholar. It is primarily used for reporting to the NIH and for compiling a list of institutions to search for a scholar's publications and grants. It also provides a way for effective record-keeping.</p> <p>Because they are used for matching purposes, as best as possible, the institution names should reflect usage in the NIH RePORTER, Federal RePORTER, and PubMed systems. Shorter names (e.g., Vanderbilt) are preferred over longer names (e.g., Vanderbilt University Medical Center) and abbreviations (e.g., VUMC).</p>	
Date Effected	11-01-2016 Today M-D-Y
End Date	Optional Today M-D-Y
Job Title <small>* must provide value</small>	Assistant Professor
Workforce Sector	<input checked="" type="radio"/> Academia <input type="radio"/> Government <input type="radio"/> For-Profit <input type="radio"/> Non-profit <input type="radio"/> Other
Principal Activity	<input checked="" type="radio"/> Primarily Research <input type="radio"/> Primarily Teaching <input type="radio"/> Primarily Clinical <input type="radio"/> Research-related <input type="radio"/> Further Training <input type="radio"/> Unrelated to Research
New Academic Rank	Assistant Professor
New Institution/Organization	Vanderbilt University Medical Center
New Department	Medicine/Allergy Pulmonary & Critical Care [1]
New Division	Allergy, Pulmonary and Critical Care
Date Entered	2020-07-31 Today Y-M-D



Options are what you have put in as your departments/divisions





Date Effected	<input type="text" value="07-01-2019"/> Today M-D-Y
End Date	<input type="text"/> Today M-D-Y <small>Optional</small>
Job Title <small>* must provide value</small>	<input type="text" value="Associate Professor"/>
Workforce Sector	<input checked="" type="radio"/> Academia <input type="radio"/> Government <input type="radio"/> For-Profit <input type="radio"/> Non-profit <input type="radio"/> Other <small>reset</small>
Principal Activity	<input checked="" type="radio"/> Primarily Research <input type="radio"/> Primarily Teaching <input type="radio"/> Primarily Clinical <input type="radio"/> Research-related <input type="radio"/> Further Training <input type="radio"/> Unrelated to Research <small>reset</small>
New Academic Rank	<input type="text" value="Associate Professor"/>
New Institution/Organization	<input type="text" value="Ohio State"/>
New Department	<input type="text" value="Other (999999)"/>
"Other" New Department Name	<input type="text" value="Pulmonary, Critical Care & Sleep Medicine"/>
New Division	<input type="text"/>
Date Entered	<input type="text" value="2019-11-27"/> Today Y-M-D

I use "Other" if department at a new institution doesn't match ours and type in the exact department



Honors and Awards



Record Id	36
These fields track various honors and awards that a given scholar has attained. They are used for tracking purposes only.	
Name of Honor/Award <small>* must provide value</small>	<input type="text" value="Superstar Award"/>
From What Organization	<input type="text" value="Association of Super People"/>
Type of Award	<input checked="" type="radio"/> National <input type="radio"/> Regional <input type="radio"/> Local <input type="radio"/> Institutional <input type="radio"/> Departmental <input type="radio"/> Editorial
Exclusivity, if known	<input type="text" value="1 per year"/> <small>E.g., 1 per year, 23 from the entire campus, etc.</small>
Date <small>* must provide value</small>	<input type="text" value="12-02-2022"/> <input type="button" value="Today"/> M-D-Y <small>Date of Honor/Award</small>
Notes	<div style="border: 1px solid #ccc; height: 80px;"></div> <p style="text-align: right;"><small>Expand</small></p>



What's Next?

Department of Education Grants



- **4.22.0** – Out this Friday
- Grants from the US Department of Education can be downloaded
- Conceivably, Flight Tracker can track educational research, too!



National Mentoring Month



- [January 4: Flight Tracker Mentoring Tools]
- **January 11:** I am a Mentor Day
- **January 16:** MLK Day of Service
- **January 17:** International Mentoring Day
- **January 26:** Thank Your Mentor Day



National Mentoring Month: Resources



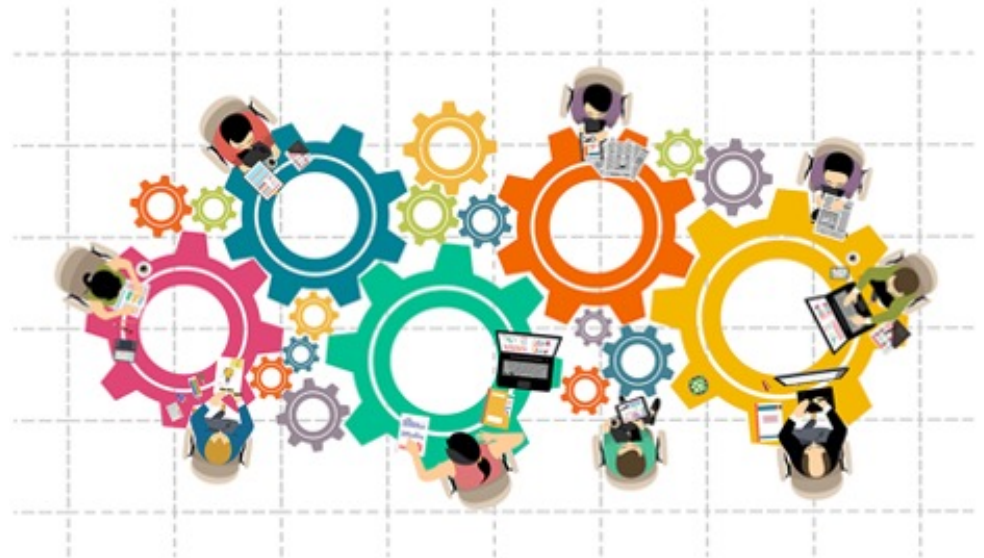
- National Research Mentoring Network: nrmnet.net
 - Geared towards researchers
 - January events celebrate mentoring month
- MENTOR National: mentoring.org
- Follow [@EdgeForScholars](https://twitter.com/EdgeForScholars) for a month of mentoring
- Tweet [#NationalMentoringMonth](https://twitter.com/hashtag/NationalMentoringMonth)



Winter/Spring Projects



- NIH Training Table Table 1
- New Grant Wrangler Interface
- Social Media Support



Upcoming Deep Dive Topics



January: The Metrics of Mentoring

February: Celebrating, Wrangling,
& Analyzing Grants



Troubleshooting Call



Monthly Troubleshooting Call (optional)

Third Wednesday at 1pm Central Time
December 21, 2022

Driven by Your Questions & Problems
All are welcome!

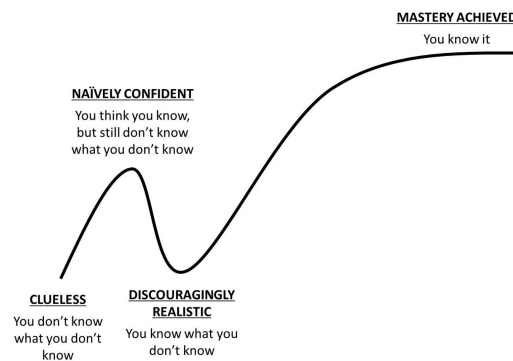
Ask to join our email list for an invitation...



Newbie Call



Just getting started with Flight Tracker?



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

Monday, December 12, at 10am Central Time

[Tuesday, January 10, at noon Central Time]

[Friday, February 17, at noon Central Time]

Leave your email in the chat to receive an invitation

Office Hours with Rebecca & Scott



Office hours



www.edgeforscholars.org

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

https://redcap.link/flight_tracker