

Flight Tracker Consortium Meeting

June 7, 2023



www.edgeforscholars.org

 @EdgeForScholars

https://redcap.link/flight_tracker

Meeting Agenda



Current Version:
v5.7.18

What's New?

SSL Errors Remedied
Cron Completion Errors

Deep Dive: Best Practices for Outcomes Tracking

What's Next?

Scholar Portal (August)
Customizations for MSTP programs (MD/PhD, September)

Office Hours with Rebecca & Scott



What's New?

SSL Errors

- Email errors related to “SSL” might have occurred in recent versions
- Turned off a check to verify that a REDCap server has a secure certificate
- Makes calls to external websites (via APIs) a little less secure, but not major since we are using public data (no personal health information)
- Avoids headaches with REDCap admins
- Implemented in **v5.7.11** and higher



Cron Completion Errors



- A couple of groups have reported that their crons aren't completing
- My first hypothesis as to the problem was invalidated today
- Elizabeth Palambo of WashU and David Surber of Wisconsin-Madison are my debugging data points
- Elizabeth and I are hoping to follow up on a new hypothesis tomorrow or Friday



July Meeting Cancelled



July's Consortium Meeting, originally slated for July 5, is cancelled due to the July 4 holiday. We'll meet again on August 2.





Deep Dive

Best Practices for Outcomes Tracking

Methods of Collection



What You're (Probably) Collecting

- Job(s) after graduation/end of training
- Grants after training

Ways to Do It

- Surveying or asking scholars
- Google + manual entry
- Flight Tracker's grant tracking

Collecting Info from Scholars



- Saves you searching
- Ensures accuracy (most of the time)
- May collect things you miss (e.g., foundation grants at another institution)



Collecting Info from Scholars



Best Practices (From Experience)

- Survey regularly
- Ask for info on their next job and a permanent/ personal email address before they leave
- If they're on your grant, ask for their final progress report before they go

Finding Missing Scholars: Searching



- **LinkedIn** is usually the most up to date
 - You can sign up for Premium to gain the ability to email anyone via the site (InMail) - \$30/month
- **Googling** the name and your institution can often pull up a faculty page at their next institution b/c it lists their degrees

Finding Missing Scholars: PubMed



- Search their name and a relevant scientific term in PubMed
- Or just search the name if unique enough
- Since 2014, all authors list affiliations in PubMed
- If they're the corresponding author, viewing the article at the journal will give you an email address



Finding Missing Scholars



Can't find the email address? Once you know the institution, you can often find an email address for *someone* there, then use that format.

(This doesn't always work.)



Finding Missing Scholars



Once you've found someone...

- Ask them to take a survey *or*
- Ask for their CV (this can get better response from those with more years out from your program)
- Put in as much data as you can yourself so they have less to type

Keeping Track of Outcomes



Two Important Parts of Flight Tracker

- Position Change Form
- 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"/>
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	<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



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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



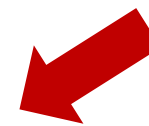
These options match requirements for Table 8



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



Table 8



- Required for NIH training grants
- Tracks initial job after graduation/time on grant
- Also tracks current job
- Lists grants awarded after their time in your program

Table 8



Sample Table 8A. Program Outcomes: Predoctoral

Part I. Those Appointed to the Training Grant

Trainee	Faculty Member	Start Date	Summary of Support During Training	Terminal Degree(s) Received and Year (s)	Topic of Research Project	Initial Position	Current Position	Subsequent Grant (s)/ Role/Year Awarded
Cox, Charles C.	Doe, John Smith, Jerry	09/1998	TY 1: HL T32 TY 2: HL T32 TY 3: HL F30 TY 4: HL F30 TY 5: HL F30 TY 6: Fdn RA	M.D./Ph.D., 2003	The role of Notch in blood vessel maturation	Resident Internal Medicine Emory University Academia Further Training	Assistant Professor Hematology Rutgers University Academia Research-Related	HL K23/PI/2011 HL P01/Co-I/2014
Johnson, Gina R.	Doe, John	09/1998	TY 1: NSFF TY 2: NSFF TY 3: NSFF TY 4: HL T32 TY 5: HL T32 TY 6: GM R01	Ph.D. 2003	Interactions between circadian rhythms, sleep & metabolism	Postdoctoral Fellow Molecular Biology UC San Francisco Academia Further Training	Research Associate Molecular Biology UC San Francisco Academia Primarily Research	HL F32/PI/2005 GM R01/Staff Scientist/2011
Phelps, Ryan	Vasquez, Richard	09/1999	TY 1: HL T32 TY 2: HL T32	M.S. 2001	Viral infections	Laboratory Technician Parke-Davis For-profit Primarily Research	Laboratory Manager Pfizer For-profit Primarily Research	

Table 8



Flight Tracker creates the table for you as long as the data is there.

See the March 2023 recording for a more in-depth look.

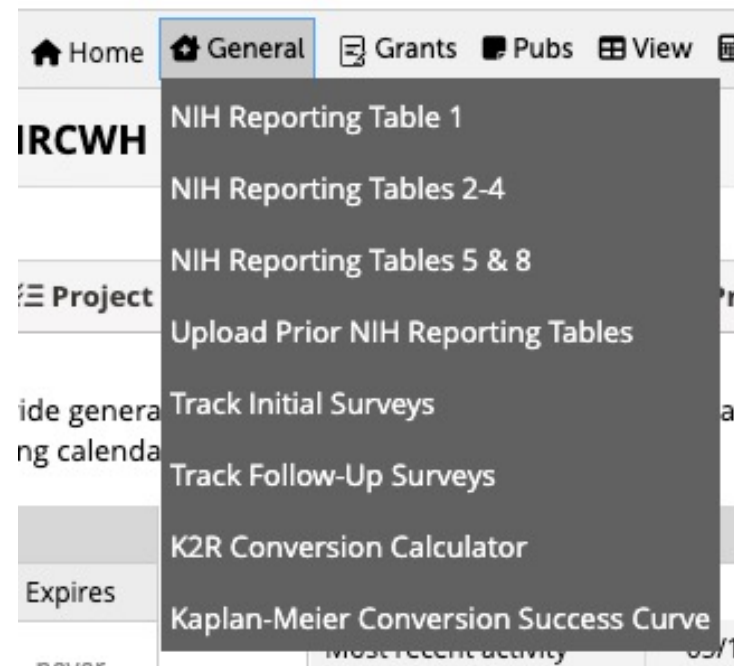


Table 8



Trainee	Doctoral Degree(s) and Year(s)	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Resulting from Postdoctoral Training and Year(s)	Topic of Research Project (From Grant Title of K Award)	Initial Position Department Institution Activity	Current Position Department Institution Activity	Subsequent Grant(s)/Role/Year Awarded
Bastarache, Julie	MD 1999	Blackwell, Timothy Ware, Lorraine	07/2005	Please Edit	Unknown	Acute Lung Injury in Women: The Role of Estrogen in Potentiation of Alveolar Epithelial Injury	Assistant Professor Medicine/ Allergy Pulmonary & Critical Care Vanderbilt University Medical Center Research-Intensive	Associate Professor Medicine/ Allergy Pulmonary & Critical Care Vanderbilt University Medical Center Research-Intensive	HL K08 / PI / 2009 [x] Other (11CRP7820021) / PI / 2011 [x] HL R21 / PI / 2013 [x] HL R01 / PI / 2015 [x] HL R01 / Co-PI / 2017 [x] BX I01 / PI / 2017 [x] PR / Co-PI / 2018 [x] Other (W81XWH-18-1) / PI / 2018 [x] HL R35 / PI / 2020 [x] GM R21 / Co-PI / 2022 [x] AG RF1 / Co-PI / 2022 [x]

[reset]

Table 8



Trainee	Doctoral Degree(s) and Year(s)	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Resulting from Postdoctoral Training and Year(s)	Topic of Research Project (From Grant Title of K Award)	Initial Position Department Institution Activity	Current Position Department Institution Activity	Subsequent Grant(s)/Role/Year Awarded
Bastarache, Julie	MD					Potentiation of Acute Epithelial Injury	Assistant Professor Medicine/ Allergy Pulmonary & Critical Care Vanderbilt University Medical Center Research-Intensive	Associate Professor Medicine/ Allergy Pulmonary & Critical Care Vanderbilt University Medical Center Research-Intensive	HL K08 / PI / 2009 [x] Other (11CRP7820021) / PI / 2011 [x] HL R21 / PI / 2013 [x] HL R01 / PI / 2015 [x] HL R01 / Co-PI / 2017 [x] BX I01 / PI / 2017 [x] PR / Co-PI / 2018 [x] Other (W81XWH-18-1) / PI / 2018 [x] HL R35 / PI / 2020 [x] GM R21 / Co-PI / 2022 [x] AG RF1 / Co-PI / 2022 [x]

Pulled from Position Change forms, which come from surveys (scholar) or you (manual addition)



Assistant Professor
Medicine/ Allergy
Pulmonary & Critical Care
Vanderbilt University Medical Center
Research-Intensive

Associate Professor
Medicine/ Allergy
Pulmonary & Critical Care
Vanderbilt University Medical Center
Research-Intensive

Table 8



Trainee	Doctoral Degree(s) and Year(s)	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Resulting from Postdoctoral Training and Year(s)	Topic of Research Project (From Grant Title of K Award)	Initial Position Department Institution Activity	Current Position Department Institution Activity	Subsequent Grant(s)/Role/Year Awarded
Bastarache, Julie	MD 1999	Blackwell, Timothy Ware, Lorraine	07/2005				Assistant Professor Medicine/ Allergy University Medical Center Research-Intensive	Associate Professor Medicine/ Allergy University Medical Center Research-Intensive	<div style="border: 2px solid red; padding: 5px;"> HL K08 / PI / 2009 [x] Other (11CRP7820021) / PI / 2011 [x] HL R21 / PI / 2013 [x] HL R01 / PI / 2015 [x] HL R01 / Co-PI / 2017 [x] BX I01 / PI / 2017 [x] PR / Co-PI / 2018 [x] Other (W81XWH-18-1) / PI / 2018 [x] HL R35 / PI / 2020 [x] GM R21 / Co-PI / 2022 [x] AG RF1 / Co-PI / 2022 [x] </div>

Pulled from NIH RePORTER and local grants system (if applicable) via Grant Wrangler



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What's Next?

July Meeting Cancelled



July's Consortium Meeting, originally slated for July 5, is cancelled due to the July 4 holiday. We'll meet again on August 2.



Scholar Portal



A place for your scholars to input information to Flight Tracker and see personal data about career development

Release Target: **August 2023**



MSTP Version (MD/PhD)

- MSTP = MD/PhD training programs for Physician-Scientists
- Vanderbilt's program is making MSTP-specific customizations to Flight Tracker
 - IDP
 - Mentee-Mentor Agreements
- Wants to share at national MSTP meeting
- Release Target: **September 2023**



Troubleshooting Call



Monthly Troubleshooting Call (optional)

Third Wednesday at 1pm Central Time
June 21, 2023

Driven by Your Questions & Problems
All are welcome!

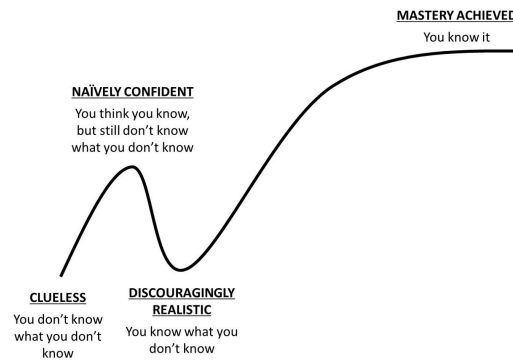
Ask to join our email list in the chat for an invitation...



Newbie Call



Just getting started with Flight Tracker?



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

Tuesday, June 13, at 2pm Central Time
(Thursday, July 13, 1.30pm Central Time)

Leave your email in the chat to receive an invitation

Office Hours with Rebecca & Scott



Office hours



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https://redcap.link/flight_tracker