



Flight Tracker Consortium Meeting

July 7, 2021



Meeting Agenda



Handy Features for Custom Data
Mid-Year Progress Report
What's New & What's Next?
Office Hours with Rebecca & Scott

Handy Features for Custom Data



I often get asked,

“How can I input custom information in Flight Tracker?”

Motivation



**Data
Collection
& Storage**

Easily Accessible in One Place → Internal

Use for Analysis (Cohorts) → Grant Submissions

Use for Reporting → Funding Agencies

Cost

Benefit

Handy Features for Custom Data



REDCap Data Forms

- Manual Input form
- Honors & Awards form
- Position Change form
- Manual Degree form

Information compiled overnight, every night into Summary form



Manual Input



- General demographics information
- Also, mentor information
- When you “Add a New Scholar” via a spreadsheet CSV, this is where the data goes
- Hooked up to summary computations → Automatically compiled with surveys and other data sources

Record Id	1
Initial Manual Import of Scholar	
This form contains fields that are compiled into each scholar's summary. These are meant to override other fields which may be erroneously reported. These 'edits' are given high priority.	
Date of Birth	<input type="text"/> Today Y-M-D
Gender	<input type="text"/>
Race	<input type="text"/>
Ethnicity	<input type="text"/>
Disadvantaged? Criteria:1) comes from low-income background and/or 2) comes from social/ cultural/ educational environment (i.e.: certain inner-city/rural that demonstrably and recently directly inhibited individuals from obtaining knowledge, skills and abilities necessary to develop and participate in research careers)	<input type="text"/>
Disability? (Those with physical or mental impairments that substantially limits one or more major life activities)	<input type="text"/>
Citizenship:	<input type="text"/>
Primary Mentor	<input type="text"/>
Primary Mentor's Userid	<input type="text"/>
Institution	
All Other Institutions/Organizations [Institution Name(s); Comma-Separated]	<input type="text"/>
Form Status	
Complete?	Incomplete

Honors & Awards



- Simple log of important figures
- Also, if you send out surveys, honors and awards are asked for there
- Currently, not included in Summary form

Record Id	1
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"/>
From What Organization	<input type="text"/>
Type of Award	<input type="radio"/> National <input type="radio"/> Regional <input type="radio"/> Local <input type="radio"/> Institutional <input type="radio"/> Departmental
Exclusivity, if known	<input type="text"/> <small>E.g., 1 per year, 23 from the entire campus, etc.</small>
Date <small>* must provide value</small>	<input type="text" value="07-06-2021"/> <input type="button" value="Today"/> M-D-Y <small>Date of Honor/Award</small>
Form Status	
Complete?	<input type="text" value="Incomplete"/>

Position Changes



- Institution information used in data searches
- Job information used in NIH Reporting tables
- Can leave items blank, including date in effect
- Compiled with information from surveys

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	<input type="text"/> Today M-D-Y
Job Title <small>* must provide value</small>	<input type="text"/>
Job Category <small>* must provide value</small>	<input type="radio"/> Academia, still research-dominant (PI) <input type="radio"/> Academia, still research-dominant (Staff) <input type="radio"/> Academia, not research dominant <input type="radio"/> Academia, training program <input type="radio"/> Private practice <input type="radio"/> Industry, federal, non-profit, or other - research dominant <input type="radio"/> Industry, federal, non-profit, or other - not research dominant reset
New Institution/Organization (if applicable)	<input type="text"/>
New Department (if applicable)	<input type="text"/>
New Division (if applicable)	<input type="text"/>
Date Entered	2021-07-06 Today Y-M-D

Degrees (Manual Degree)



- Added to computation of Summary form, alongside survey information
- Institutions are automatically added to the list of institutions to search for
- Degree list attempts to be comprehensive; I'd be happy to add any oversights

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	<input type="text"/>
Institution which granted this degree	<input type="text"/>
When did this training program start?	<input type="text"/> Today M-D-Y
When does the scholar expect to receive this degree or received this degree? (Please select month and enter year)	<input type="text"/> Month
	<input type="text"/> Year (YYYY)
Form Status	
Complete?	Incomplete

Custom Information



- You can **add new fields** as you wish.
- You can also **add new surveys** or forms.
- We ask that you **don't modify or delete** existing questions. This is so that we can aggregate information down the road to see national trends.
- Can hook up to Summary form via the **General → Configure Summaries** page.

Mid-Year Progress Report



Events in Early July

- Independence Day
- New Fiscal Year
- New Year for Residents
- Middle of Calendar Year

Consortium Growth



January 2020 – **3** servers

December 2020 – **10** servers

July 2021 – **24** servers



Consortium by the Numbers



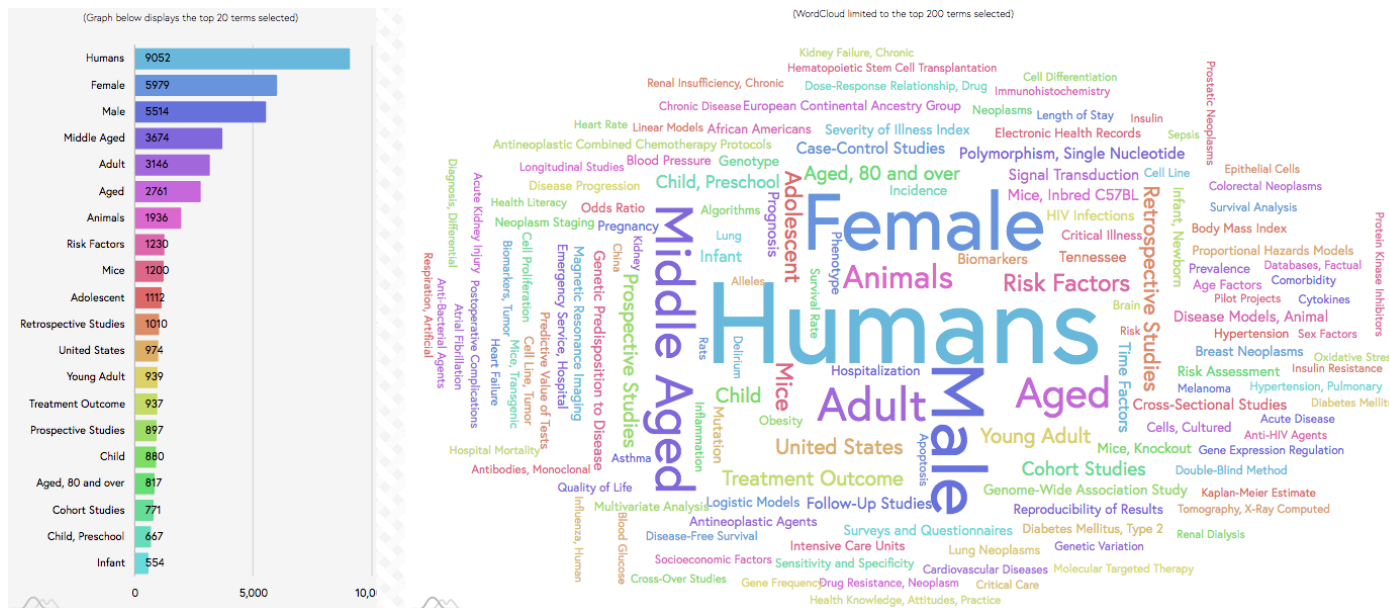
- We've been meeting for **18 months** now.
- Grown in size of community and number of scholars tracked.
- Stats report **24** servers collecting data (including test servers).
(Please make sure your REDCap box can talk to our REDCap box!)
- As reported by CLIC, several more groups plan to adopt.
- Attendance at our “newbie” calls is high. (June had **13-19** people.)
- **8,182** scholars currently tracked outside Vanderbilt.
- **5,462** scholars tracked inside Vanderbilt (some duplication).
- Consortium meeting invites out for next 6 months – please forward.

Thank you for your interest and contribution. Keep in touch!

Arrivals in 2021

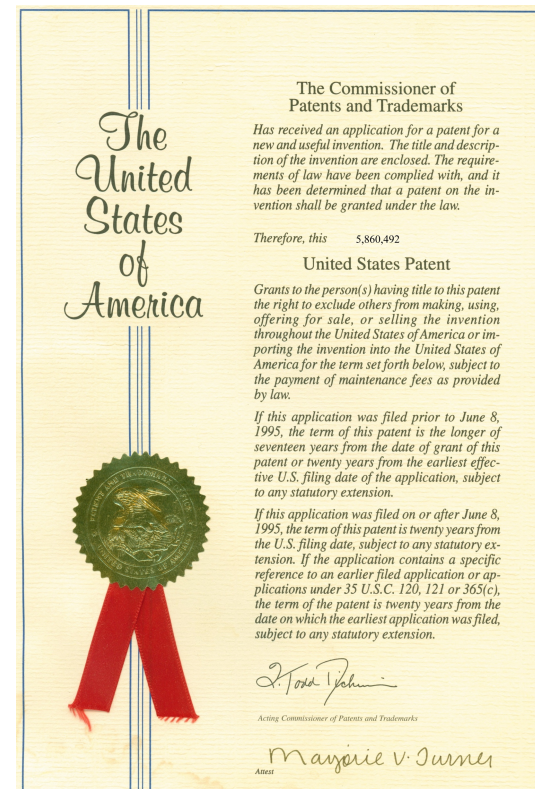


- Sharing infrastructure for reporting NIH Tables
- Word clouds



Arrivals in 2021

- Patents
- Batch overnight cron processing



Flights In the Air



- Updated help documentation
- Refinements on graphical design
- Training grant customizations (for pre-doc space)
- New, easier Grant Wrangler interface



Flights In the Air



Customizable Mentoring Agreements

- Vanderbilt launch **this month**
- Possible **fall** launch to consortium



Scheduled to Take Off



- (New) CLIC Common Metrics Integration
 - See last month's presentation for details...
 - Step 1: Produce CSV for upload
 - Possible Step 2: Automated uploads to CLIC
 - First in CLIC's queue

CTSA Clinical & Translational
Science Awards Program

Scheduled to Take Off

- Customized Projects
 - Turn on/off certain Flight Tracker features
 - Post-doc (K) vs. pre-doc (T) vs. other
 - **(We're interested in your feedback!)**
- Faster Interface – like a never-ending scroll (cf. social media)
 - For stylized grant tables
 - For publication viewers



	K99/R00 06-01-2020 exporter K99 (\$300,490) See Grant K99AA027774	
21]	Individual K 09-19-2017 exporter K01 (\$325,731) See Grant K01MH112983	R01 05-01-2020 reporter R01 (\$360,882) See Grant R01NS112171
7		2.6 years b/w starts
	K99/R00 06-02-2020 exporter K99 (\$276,330) See Grant K99AA027806	
	Individual K 01-15-2014 exporter K01 (\$565,020) See Grant K01HL121010	
4		

Scheduled to Take Off



Scholar Portal

- Let your scholars see their progress and compare their work against their peers
- Access links to surveys to input own data
- Access links to mentoring agreements & input their mentors
- Likely in late 2021 or early 2022

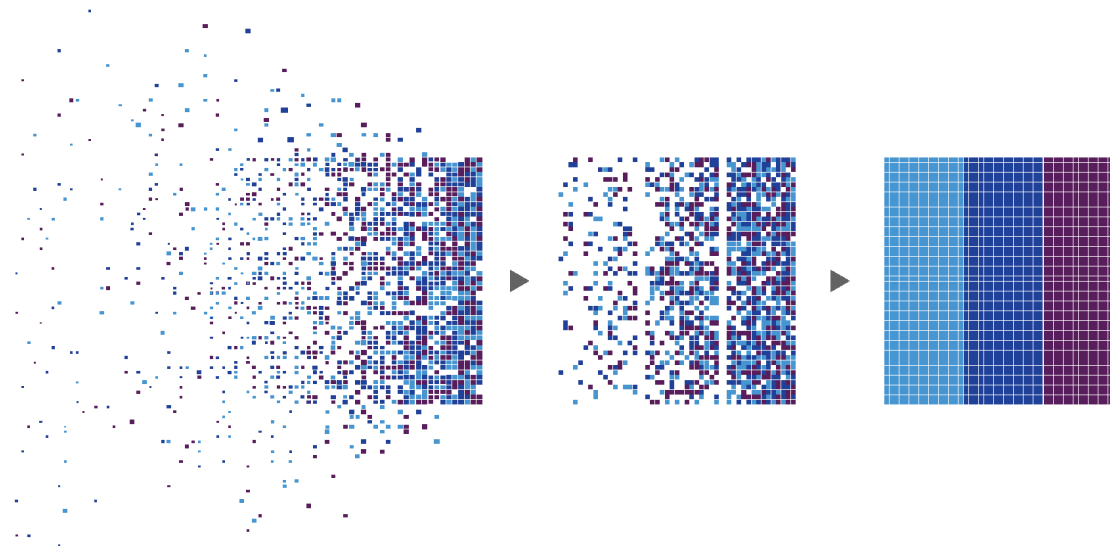
Scheduled to Take Off



Long Term Goal: Opt-In Data Aggregation (2022)

What works nationally in career development?

Getting closer to a critical mass; still need to build infrastructure



What's New in June?

(Mostly technical updates.)

- PHP 8 Compatibility
- Batch processing of overnight jobs
 - ➔ More scalable growth in a REDCap server



```
<div id="primary">
  <div id="content" role="main">
    <div class="container-gallery">
      <ul id="gallery">
        <?php while ( have_posts() ) : the_post(); ?>
          <?php
            $images = simple_fields_get_post_group_values($post->ID, 'img');
            foreach($images as $image) :
              ?>
                <?php $img_src = wp_get_attachment_image_src( $image['img_src'], 'full' );
                <li>
                  <a class="fancybox" rel="gallery" href="?php echo $img_src["url"]; >
                    <!-- <div class="caption">/div -->
                  </li>
                <?php endforeach; endwhile; // end of the loop. ?>
              </ul>
            </div>
          </div><!-- #content -->
        </div><!-- #primary -->
```

What's Next in July?



- Common Metrics integration
- Mentoring Agreement updates
- Help Documentation
- Design Refinements



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 20 at 1pm Central Time

Leave your email in the chat to receive an invitation.

Office Hours with Rebecca & Scott

