

Flight Tracker Consortium Meeting

July 1, 2020

Spreading the Word about Flight Tracker
at Your Institution(s)

Scott J. Pearson



Meeting Agenda



- Spreading the Word about Flight Tracker at Your Institution(s) – Scott J. Pearson
- What's New and What's Next?
 - H-Index from Scopus and Web of Science
 - Chat Inside – Sharing Data Among Flight Tracker Instances
 - Return on Investment (ROI) on Resource Use
 - NIH Reporting Tables – Testing Started at Vanderbilt; Others?
 - Next Meeting: August 5, 2020 - Emails and Surveys Readdressed

Spreading the Word...



- Word-of-mouth marketing → You can win your institution kudos
- Built for CTSA community...
- ...but applicable more broadly towards any grants for academic career development





Software exists for the NIH level...

**...but Flight Tracker fills void
for NIH Outcomes Reporting**

CTSA Clinical & Translational
Science Awards Program

Development Strategy



- Solve problems at most complex point (CTSA programs)
- Then expand into broader solutions
 - **Mentored training programs** are wide open for tracking
 - Pre-docs, post-docs, and early career faculty
- Starting a new Flight Tracker project in REDCap usually requires a bit of hand-holding and help up the learning curve



Five Strategies to Spread the Word

1. Talk Triggers
2. Short Sales Pitch
3. Explain Value of Tracking
4. Seeing Tangible Results
5. Cost-Benefit Analysis



1. Lapel Pins as Talk Triggers



Put your physical mailing address in the chat if you want us to mail you one or more of these!

2. Sales Pitch for Flight Tracker



- 1-2 sentences on what's effective for you in Flight Tracker
- Tracking "Career Development for Academics"
- Data hub for mentored training and career development grants

3. Analogy About Data Use



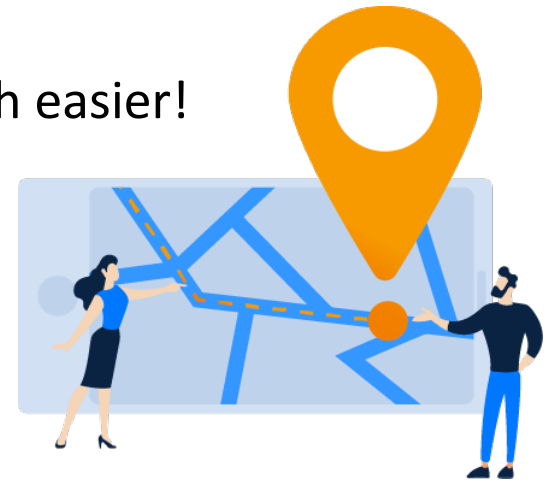
- Goodreads.com and personal reading stats
- Reflects on past experiences and sets course for future activities
- Real data makes experiences come alive (contours on big picture)



3. Why Track Career Development?

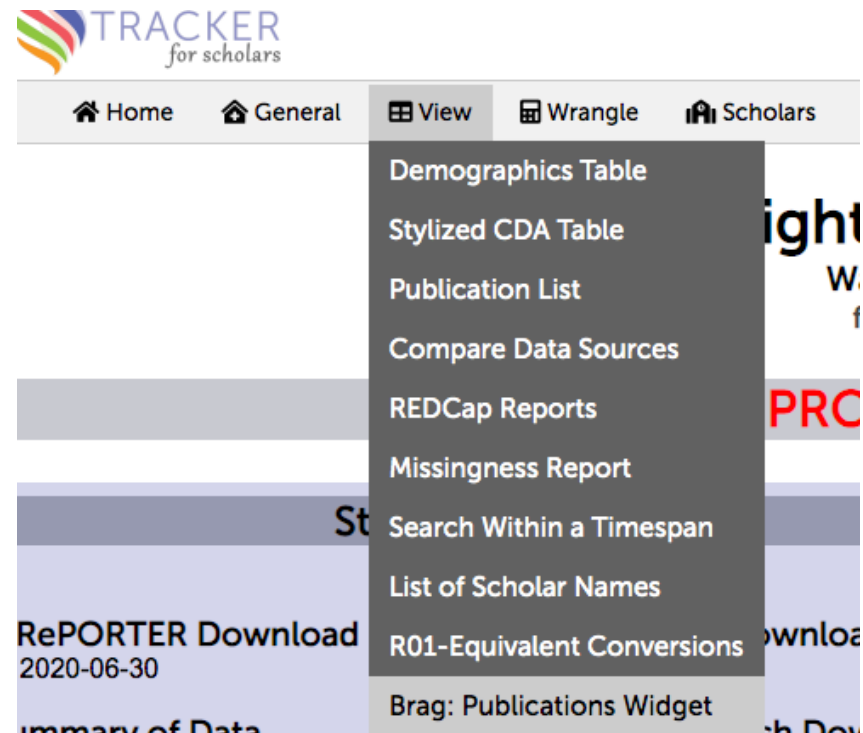


- Tracking academic careers makes trends evident
- Routine monitoring makes corrections easier and quicker
- Reporting to awarders of grants is expedited
- Another feedback loop to translational science
- Computers and the Internet only makes it much easier!



4. Brag on Your Scholars

- Envy is a powerful motivator, especially in research
- People see some results and ask where it came from
- Insert a widget into your group's webpage to brag on team accomplishments




4. Brag on Your Scholars



Copy HTML
and insert
into code for
webpage

Receive a list
of wrangled
publications
from Flight
Tracker on
your webpage

VANDERBILT UNIVERSITY
MEDICAL CENTER

[Home](#) [General](#) [View](#) [Wrangle](#) [Scholars](#) [REDCap](#) [Dashboards](#) [Cohorts / Filters](#) [Mentors](#) [Resources](#) [Help](#)

Brag on Your Scholars' Publications!

Include this Page as a Widget in Another Page

Copy the following HTML and place into another HTML webpage to display your scholars' publications. Your website must likely have cross-origin framing turned on (which is the default).

```
<iframe src="https://redcap.vanderbilt.edu/plugins/career_dev/brag.php?showHeaders&pid=66635" title="Recent Publications" style="width: 400px; height: 400px;"></iframe>
```

What Time Period Should Show?

Days Prior:

All Citations in Previous 180 Days

Beckman JA, Shibao CA. Trimethylamine-N-Oxide, More Red Meat for the Vascular Scientists. *Hypertension*. 2020 Jul; 76(1):40-41

Casey AM, Deterding RR, Young LR, Fishman MP, Fiorino EK, Liptzin DR. Overview of the CHILD Research Network: A roadmap for progress and success in defining rare diseases. *Pediatr. Pulmonol*. 2020 Jul; 55(7):1819-1827

Yang JJ, Yu D, Shu XO, Freedman ND, Wen W, Rahman S, Abe SK, Saito E, Gupta PC, He J, Tsugane S, Gao YT, Xiang YB, Yuan JM, Tomata Y, Tsuji I, Sugawara Y, Matsuo K, Ahn YO, Park SK, Chen Y, Pan WH, Pednekar M, Gu D, Sawada N, Cai H, Li HL, Koh WP, Wang R, Zhang S, Kanemura S, Ito H, Shin MH, Wu PE, Yoo KY, Ahsan H, Chia KS, Boffetta P, Inoue M, Kang D, Potter JD, Zheng W. Quantifying the association of low-intensity and late initiation of tobacco smoking with total and cause-specific mortality in Asia. *Tob Control*. 2020 Jun 16;

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Science Awards Program

4. Brag on Your Scholars



Put into use yesterday by our Epidemiology PhD program manager Melissa Krasnove. In her words, it was “easy.”

Latest COVID-19 Information from VUMC.

populations they serve.

Publications
Check out these recent publications from our current and former students!

Submit

All Citations in Previous 180 Days

McNaughton CD. Herd Immunity: Knowns, Unknowns, Challenges, and Strategies. *Am J Health Promot.* 2020 Jul; 34(6):692-694

Reisz PA, Laviana AA, Zhao Z, Huang LC, Koyama T, Conwill R, Hoffman K, Goodman M, Hamilton AS, Wu XC, Paddock LE, Stroup A, Cooperberg MR, Hashibe M, O'Neil BB, Kaplan SH, Greenfield S, Penson DF, Barocas DA. Assessing the Quality of Surgical Care for Clinically Localized Prostate Cancer: Results from the CEASAR Study. *J. Urol.* 2020 Jun 22; :101097JU0000000000001198

Wiese AD, Everson J, Grijalva CG. Social distancing measures: evidence of interruption of seasonal influenza activity and early lessons of the SARS-CoV-2 pandemic. *Clin. Infect. Dis.* 2020 Jun 20;

Coronado RA, Ehde DM, Pennings JS, Vanston SW, Koyama T, Phillips SE, Mathis SL, McGirt MJ, Spengler DM, Aaronson OS, Cheng JS, Devin CJ, Wegener ST, Archer KR. Psychosocial Mechanisms of Cognitive-Behavioral-Based Physical Therapy Outcomes After Spine Surgery: Preliminary Findings From Mediation Analyses. *Phys Ther.* 2020 Jun 18;

Vickers AJ, Assel MJ, Sjoberg DD, Qin R, Zhao Z, Koyama T, Botchway A, Wang X, Huo D, Kattan M, Zabor EC, Harrell F. Guidelines for Reporting of Figures and Tables for Clinical Research in Urology. *BJU Int.* 2020 Jun 15;

Vujkovic M, Keaton JM, Lynch JA, Miller DR, Zhou J, Tcheandjieu C, Huffman JE, Assimes TL, Lorenz K, Zhu X, Hilliard AT, Judy RL, Huang J, Lee KM, Klarin D, Pyarajan S, Danesh J, Melander O,

5. Cost-Benefit Analysis



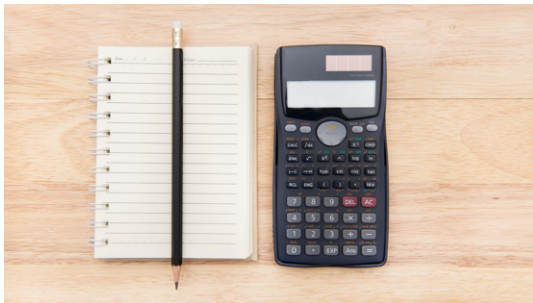
- Initial costs (getting organized) are significant; better if no time pressure
- Ongoing costs (maintenance) are low
- Benefits show over long term: Efficiency, stress reduction, accuracy



5. Costs – Initial



- Install and set up Flight Tracker on a REDCap project (4 hours)
- Education about how to use technology (16 hours)
- Add scholars and demographics (4 hours)
- Verify ongoing collection (2 hours)
- Start-up grant and publication wrangling (1-8 hours pending on size)
- Configure institution-specific grants and verify correct collection



5. Costs – Ongoing (1/2)

- Track individual resource utilization
(5 minutes every time a resource is used)
- Add non-federal grants
(5 minutes per grant for a total of 2 hours per month)
- Monthly, wrangle grants and publications on a monthly basis
(1-2 hours per month)



5. Costs – Ongoing (2/2)



- Education and participation in Flight Tracker Consortium meetings (1 hour per month)
- Yearly, coordinate surveys sent to scholars (for demographics and confirmation; 2 hours per year)
- Mentors and mentees fill out a survey to define their relationship



5. Costs – Miscellany

- Optional: Import grants from internal sources
- Import demographics from internal sources



5. Potential Benefits (1/2)



- Automated NIH Outcomes Reporting to confirm accurate reporting (Tables 5, 6, 8, and CTSA Common Metrics)
- Quicker and more accurate analysis of entire population and/or sub-groups within grants



- More accurate tracking on the individual scholar → see signs of success or early warning signs

5. Potential Benefits (2/2)



- Measure return on investment (ROI) of institutional resources
- Definition of the mentor-mentee relationship and identification of best practices
- Data aggregation to identify national best practices
- Have all your career development data in one place

➔ Free up time and mental energy for other, more meaningful pursuits



What's New & What's Next?



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Next Meeting

August 5, 2020 – **Emails and Surveys Readdressed**



Happy Independence Day!

