CABTRAC 2023
Cancer Research Training and Education Coordination (CRTEC)
Challenges and Solutions

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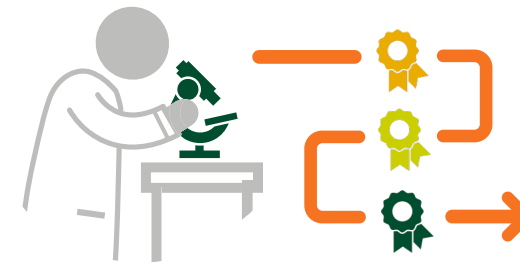# REDCap Database for Trainee Tracking

Metrics Captured (>4,000 current and former trainees)

- ❑ Trainee type (HS, undergrad, grad, med, residents/fellow, post-docs, scientists*)
- ❑ Gender, race/ethnicity, citizenship status
- ❑ Disability/disadvantaged background
- ❑ Graduate program
- ❑ Date range of mentorship
- ❑ Research topic
- ❑ Fellowships / funding during training
- ❑ Awards / prizes during training
- ❑ Outcomes (current position after training) – **17 categories**
- ❑ Grant(s) / major award(s)

Outcomes Categories

- Academic – Administrative
- Academic – Postdoctoral
- Academic – Research
- Academic – Teaching
- Graduate Student
- Government
- Industry – Postdoctoral
- Industry – Research
- Industry – Non-Research

- Medicine – Academic
- Medicine – Private
- Medicine – Resident
- Medicine – Student
- Other – Science-Related
- Other – Non-Science Related
- Unemployed
- Unknown

How do we update our records?

- ❏ Graduate program, residency and research program coordinators
- ❏ Sylvester faculty mentors
- ❏ HR employee lists
- ❏ Canelink system (students only)
- ❏ Internal resources e.g., residents match results, student enrollment reports, and alumni reports, travel award applications
- ❏ Contact trainees directly
- ❏ Google/LinkedIn
- ❏ NIH Reporter

Challenges

- ❏ Time consuming (50% full time position)
- ❏ Manual
- ❏ No or inaccurate reporting by current and former faculty
- ❏ Leveraging RedCap capabilities

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Institutional Roadblocks to Data Collection

- ❑ UM Workday system poor capturing mentor info (postdocs/scientists/researchers)
- ❑ Student Canelink system does not capture mentors.
- ❑ Disadvantaged background or disability not captured
- ❑ Resident and Fellowship data not owned by UM.
- ❑ Trainees with no officially assigned mentor
- ❑ Mentoring history not part of Sylvester membership application

Data Desired but Difficult to Get and/or Unreasonable to Expect

- ❑ Former trainees' extramural (non-NIH) funding / awards
- ❑ Economically disadvantaged/disability information
- ❑ Expanded gender categories
- ❑ Minors (partnering organizations)

Data Use and Evaluation (Cancer Center, UM, State of FL) (part 1)

- ❑ Institutional training and career development award *applications* (T32, R25, K12, ACS)
- ❑ Institutional training and career development award *management* (T32, R25, K12, ACS)
- ❑ Graduate program activities (teaching/ mentoring), Summer program mentor participation, T32 postdoc participation and K12 participation for all faculty

Data Use and Evaluation (Cancer Center, UM, State of FL) (part 2)

- ❑ Trends in outcomes (e.g. grad students in industry)
- ❑ Demographic trends
- ❑ Internal dashboards (e.g. Sylvester Space Utilization Committee, Faculty Productivity Reports)
- ❑ Research Program "Report Cards"
- ❑ IRB approval to access for research purposes

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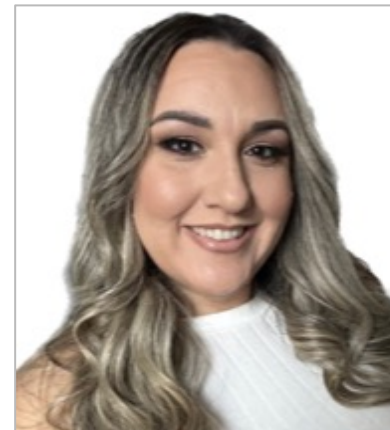
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