

Background



OMB # 0925-0766

Expiration Date: 04/2023

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Dear Current and Former Pediatric Clinical Pharmacology T32 Trainees,

On behalf of the NICHD Pediatric Clinical Pharmacology Training Program, we are seeking to understand factors that influence career decisions. We are also developing resources to support current and future trainees. As a current trainee or recent graduate, your opinion is extremely important. We request your participation in a brief, voluntary survey.

The survey should take **≤ 10 minutes** to complete. Results are anonymous but you have the option of sharing your email address for future contact and follow-up questions. Please click the arrow to begin the survey.

Thank you very much for your participation!

Rachel Randell, Sydney Thomas, and the NICHD Pediatric Clinical Pharmacology Training Program

Do you currently describe yourself as male, female, or transgender? (check all that apply)

- ☐ Male
- ☐ Female
- ☐ Transgender male
- ☐ Transgender female
- ☐ Another gender identity
- ☐ Refused

What sex were you assigned at birth, on your original birth certificate? (choose one)

- ☐ Female
- ☐ Male
- ☐ Refused

Which of these best describes your ethnicity? (choose one)

- ☐ Hispanic or Latino
- ☐ Not Hispanic or Non-Latino

Which of these best describes your race? (choose one or more)

- ☐ American Indian or Alaska Native
- ☐ Asian
- ☐ Black or African American
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ White

Do you self-identify as having a disability?

- ☐ Yes (or previously had a disability)
- ☐ No
- ☐ Decline to answer

Do you identify as an individual from a disadvantaged background (as defined by NSF here: <https://diversity.nih.gov/about-us/population-underrepresented>)?

- ☐ Yes
- ☐ No
- ☐ Decline to answer

Do you identify as any of the following categories? If yes, select all that apply.

- ☐ First generation college student
- ☐ International student
- ☐ Veteran
- ☐ Low socioeconomic background
- ☐ Other (please state)
- ☐ None
- ☐ Decline to answer

What is your terminal degree(s)?

- ☐ MD or DO
- ☐ PhD
- ☐ PharmD
- ☐ Other

What is your current T32 status?

- ☐ Current fellow
- ☐ Graduate
- ☐ Other (please state)

What is your T32?

- ☐ Pediatric Clinical Pharmacology
- ☐ UPTIC

Clinical Pharmacology Careers

When did you first learn about clinical pharmacology?

- ☐ Undergraduate or before
- ☐ During my initial graduate degree program (MD/DO, PhD, PharmD)
- ☐ While applying for funding/fellowships
- ☐ After my graduate degree program
- ☐ During second graduate degree program
- ☐ During clinical rotations (for MD/DO, PharmD)

How did you learn about clinical pharmacology?

- ☐ Advisor/mentor
- ☐ Colleague other than an advisor or mentor
- ☐ Lecture, conference, or webinar
- ☐ Clinical rotation
- ☐ Other (please state)

Which field are you currently in, or are planning to enter after your fellowship?

- ☐ Academia
- ☐ Industry
- ☐ Regulatory
- ☐ Other (please state)

Rank the factors by order of importance for making your career decision, with 1=most important and 10=least important

Salary

Location

Work-life balance

Work environment

Family/personal considerations

Research opportunities

Mentorship

Clinical opportunities

Prestige

Other (please state)

Has student debt influenced your career plans and/or decisions?

- ☐ Strong influence
- ☐ Minor influence
- ☐ No influence
- ☐ Not applicable

How often do you use clinical pharmacology in your current position?

- ☐ Every day
- ☐ 1-2 times per week
- ☐ 1-2 times per month
- ☐ 1-2 times per year
- ☐ Never

How likely are you to be working in clinical pharmacology in 10 years?

- ☐ Very likely
- ☐ Somewhat likely
- ☐ Not likely

How likely are you to obtain your clinical pharmacology board certification?

- ☐ Very likely
- ☐ Somewhat likely

- ☐ Not likely
- ☐ I have already obtained or applied for clinical pharmacology board certification
- ☐ Not applicable

Toolbox

What do you feel are the biggest barriers to a successful T32 fellowship? (select all that apply)

- ☐ Insufficient mentorship
- ☐ Insufficient didactic training
- ☐ Not enough time to devote to research
- ☐ Too many other obligations
- ☐ Not enough funding opportunities
- ☐ Not enough networking/collaborations
- ☐ Other (please state)

For current fellows, what do you need the most help with? (select all that apply)

- ☐ Finding didactics and/or degree program(s) relevant to my research
- ☐ Writing manuscripts
- ☐ Finding funding opportunities
- ☐ Writing grants/applying to funding opportunities
- ☐ Working with mentors
- ☐ Finding new and/or different mentors
- ☐ Preparing for the job market
- ☐ Clinical pharmacology board review
- ☐ Time management
- ☐ Presentation skills
- ☐ Negotiation skills
- ☐ Collaboration/working as part of a team
- ☐ Leadership skills
- ☐ Other (please state)

What do you feel are the biggest **barriers** to launching a successful academic career in clinical pharmacology? (select all that apply)

- ☐ Not enough positions available
- ☐ Too competitive

- ☐ Poor work-life balance
- ☐ Poor compensation
- ☐ Poor job security
- ☐ Unclear career path
- ☐ Not enough (or not visible) senior role models/mentors
- ☐ Lack of networking/collaboration
- ☐ Lack of funding
- ☐ Other (please state)
- ☐ Not applicable

As an early investigator, what do you feel are the biggest **enablers** to launching a successful academic career in clinical pharmacology? (select all that apply)

- ☐ Abundance of job opportunities
- ☐ Good work-life balance
- ☐ Good compensation
- ☐ Good job security
- ☐ Clear career path
- ☐ Senior role models/mentors
- ☐ Networking and collaboration
- ☐ Funding opportunities
- ☐ Other (please state)
- ☐ Not applicable

How many job opportunities do you feel are available in clinical pharmacology?

- ☐ Many opportunities (more than I could ever hope to apply to)
- ☐ Some opportunities in academia, less in other fields
- ☐ Some opportunities in industry, less in other fields
- ☐ Some opportunities in regulatory, less in other fields
- ☐ Few opportunities (I may have to leave the field in order to find a position)
- ☐ Other (please state)

How supported do you feel in your career trajectory?

- ☐ Very supported (I have all the help I need)
- ☐ Supported for certain career paths, less supported for others
- ☐ Somewhat supported (I have some support, but it is not always available/helpful)

☐ Unsupported (I'm on my own)

We are in the process of creating a toolbox with training resources for commonly used computational tools (R, NONMEM, Phoenix, Python, etc). If there is a tutorial/webinar/training resource that you have found useful and would like to add, please list it here:

Can we contact you with follow-up questions related to this survey?

- ☐ Yes
☐ Decline

Thank you! Please enter your name:

Please enter your email address:

Can other T32 fellows contact you about specific topics?

- ☐ Yes
☐ Decline

Thank you! Please enter your name:

Please enter your email address:

Which specific topics can T32 fellows contact you about? Select all that apply.
This information may also be included in your profile on the PedPharmHub Directory.

- ☐ Academic careers
- ☐ Regulatory careers
- ☐ Industry careers
- ☐ Clinical pharmacology boards
- ☐ Analytic skills (statistics, PK/PD modeling, PBPK, others)
- ☐ Interpersonal skills (working with mentors, team building, etc)
- ☐ Communication skills (manuscripts, presentations, etc)
- ☐ Grant writing
- ☐ Other (please state)