

Welcome to Annual CPF Survey

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This survey is a fellow-driven endeavor to collect information on the training and research needs of Cancer Prevention Fellows (CPFs). The aim is to use this information to improve our experience as CPFs or the CFPF in general. All responses are completely anonymous, so please answer the questions honestly. Much can be learned from your thoughtful and critical feedback. We are grateful for your participation!

Category 1: Background information

1. What year of the fellowship are you currently in?

*This refers to years spent on-site at NCI and does NOT include the MPH year, if you completed one.*

- Second year on-site at NCI
- Third year on-site at NCI
- Fourth year on-site at NCI

2. Prior to entering the fellowship, had you conducted research in the field of cancer prevention and control?

- Yes
- No
- Unsure

3. What type(s) of research are you currently conducting?(Mark all that apply).

- Wet lab/Bench research
- Behavioral/Social Science research
- Epidemiology/Biostatistics research
- Clinical research
- Health Services research
- Dissemination and Implementation research
- Other (please specify)

4. What type(s) of research do you want to pursue in the remaining years of your fellowship? (Mark all that apply).

- Wet lab/Bench research
- Behavioral/Social Science research
- Epidemiology/Biostatistics research
- Clinical research
- Health Services research
- Dissemination and Implementation research
- Other (please specify)

5. Do you plan on applying for jobs in the next 12 months?

- Yes, I am already applying for jobs
- Yes, I am planning on applying for jobs
- Possibly, for select positions
- No
- Unsure

6. What employment sector(s) are you considering working in after completion of the CFPF? (Select all that apply)

- University or Cancer Center
- Industry (e.g., Merck)
- Government (HHS, NIH)
- Healthcare organizations (e.g., Kaiser Permanente)
- Non-Government organization (e.g., American Cancer Society)
- Contract Research Organizations (e.g., Westat, RTI)
- Consulting
- Don't know/ Not sure
- Other (please specify)

Category 2: Training needs for specific skills and abilities

**In this section, we are interested in obtaining two types of information:**

- 1) Quality: How satisfied are fellows with various types of training opportunities available to CPF's?**
- 2) Quantity: What types of training do fellows want more of?**

**When answering these questions, please consider the training you have received from your peers, preceptor (s), other mentors in your branch or division, the CFPF, or other NCI or NIH sources (e.g., the NIH library, OITE, etc.)**

**7. Research skills and abilities:**

Please indicate how satisfied you are with the quality of the training you have received as a CPF, and whether, as a part of your fellowship experience, you would like more training in the following research areas.

*If you have not received any training in an area, select "Not Applicable".*

	Satisfaction	Would you like more training in this area? (If not, leave blank.)
Literature review/search strategies	<input type="text"/>	<input type="text"/>
Identifying available datasets	<input type="text"/>	<input type="text"/>
Generation of scientifically testable hypotheses	<input type="text"/>	<input type="text"/>
Ability to conceptualize a research project	<input type="text"/>	<input type="text"/>
Grant writing	<input type="text"/>	<input type="text"/>
Quantitative data analysis (biostats)	<input type="text"/>	<input type="text"/>
Statistical software programming	<input type="text"/>	<input type="text"/>
Qualitative data analysis	<input type="text"/>	<input type="text"/>
Laboratory techniques	<input type="text"/>	<input type="text"/>
Interpretation of results	<input type="text"/>	<input type="text"/>
Translation of research to practice and/or policy	<input type="text"/>	<input type="text"/>
Manuscript review for a journal	<input type="text"/>	<input type="text"/>
Responsible conduct of research (RCR)	<input type="text"/>	<input type="text"/>

If you indicated RCR above, please provide details on the specific types (e.g. data security, research with vulnerable populations, responsible authorship, conflicts of interest, etc)

**8. Communication skills and abilities:**

Please indicate how satisfied you are with the quality of the training you have received as a CPF, and whether, as a part of your fellowship experience, you would like more training in the following research areas.

*If you have not received any training in an area, select "Not Applicable".*

	Satisfaction	Would you like more training in this area? (If not, leave blank.)
Scientific writing	<input type="text"/>	<input type="text"/>
Public speaking	<input type="text"/>	<input type="text"/>
Teaching	<input type="text"/>	<input type="text"/>
Interpersonal communication	<input type="text"/>	<input type="text"/>
Communication with the Media	<input type="text"/>	<input type="text"/>
Writing for a lay audience (general public)	<input type="text"/>	<input type="text"/>
Professional networking	<input type="text"/>	<input type="text"/>

If you have specific training in mind, please provide details here.

**9. Leadership and Management skills:**

Please indicate how satisfied you are with the quality of the training you have received as a CPF, and whether, as a part of your fellowship experience, you would like more training in the following leadership and management areas.

*If you have not received any training in an area, select "Not Applicable".*

	Satisfaction	Would you like more training in this area? (If not, leave blank.)
Time management	<input type="text"/>	<input type="text"/>
Conflict resolution	<input type="text"/>	<input type="text"/>
Budgeting for research projects	<input type="text"/>	<input type="text"/>
Supervision of team members	<input type="text"/>	<input type="text"/>
Developing a program of research	<input type="text"/>	<input type="text"/>
Work-life balance	<input type="text"/>	<input type="text"/>
How to engage in team science	<input type="text"/>	<input type="text"/>
Becoming a good mentor	<input type="text"/>	<input type="text"/>

If you would like more training, please provide details on the specific types of leadership or management training desired.

**10. Service:**

Please indicate how satisfied you are with the opportunities for service (within and outside of the NIH) you have as a CPF, and whether, as a part of your fellowship experience, you would like more service opportunities in the following areas. *If you have not had an opportunity for a specific type of service, select "Not Applicable".*

	Satisfaction	Would you like more of these types of service opportunities? (If not, leave blank.)
Professional societies	<input type="text"/>	<input type="text"/>
Editorial and advisory boards	<input type="text"/>	<input type="text"/>
Peer review of grants	<input type="text"/>	<input type="text"/>
Peer review of manuscripts	<input type="text"/>	<input type="text"/>
NIH or NCI committees	<input type="text"/>	<input type="text"/>
CPFP FAB committees	<input type="text"/>	<input type="text"/>

If you would like other service opportunities, please provide specific details.

**11. Collaboration:**

Please indicate how satisfied you are with the collaboration opportunities you have as a CPF, and whether, as a part of your fellowship experience, you would like more opportunities to collaborate with the following types of researchers.

*If you have not had an opportunity for a specific type of collaboration, select "Not Applicable".*

	Satisfaction	Would you like more of these types of collaboration opportunities? (If not, leave blank.)
Collaboration with other Cancer Prevention Fellows	<input type="text"/>	<input type="text"/>
Collaboration with NCI researchers	<input type="text"/>	<input type="text"/>
Collaboration with NIH researchers (non-NCI)	<input type="text"/>	<input type="text"/>
Collaboration with non-NIH, domestic (U.S.-based) researchers	<input type="text"/>	<input type="text"/>
Collaboration with international researchers	<input type="text"/>	<input type="text"/>

If you would like more opportunities, please provide specific details.



Category 3: Grants and scientific writing committee

The Grants and Scientific Writing Committee supports the development of knowledge and skills in the areas of grant and scientific writing. In Questions 12-14, please rate your interest in the following areas:

12. Scientific Writing

	Not interested	Somewhat interested	Very interested	Need more information to decide
Reference management software options and tips	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tips to keep up-to-date on the literature in your area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avoiding language pitfalls (e.g. using an active voice, writing without jargon, and basic elements of sentence structure)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making time for writing and staying on task	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The writing process explained (e.g. outlining, editing, and revising)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### 13. Collaborative Writing

	Not Interested	Somewhat Interested	Very Interested	Need More Information to Decide	
Discussing authorship	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dealing with finicky writers/coauthors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding group consensus in team writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific writing for the masses - blogs, popular publications, public education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science and the press - how to effectively communicate your work with journalists	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How to present data effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Activity: Participating in dedicated group writing time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Activity: Identify collaborators within CPF	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 14. Grant Writing

	Not interested	Somewhat interested	Very interested	Need more information to decide
The role of program directors: how they can help you	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K-Awards: Types & Timing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research awards and Grants CPF can apply for while at the NCI (e.g., internal awards, foundation grants, collaborating with outside PIs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Describing innovative or uncommon methods in the grant application (e.g., advanced statistical approaches, qualitative methods, new study designs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Activity: Group writing of specific grant sections (e.g. Specific Aims, Research Strategy, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

15. Please list any other topics related to grant or scientific writing training that would be of interest to you.

Category 4: Career developmental seminar series committee

16. Please indicate whether, as part of your fellowship experience, you want information about the following types of careers.

Please rate your interest in learning more (1=very interested, 5=not at all interested)

Understanding job offer benefits (e.g., retirement plans)	<input type="checkbox"/>
How to be a good mentor	<input type="checkbox"/>
How to effectively communicate with your mentor	<input type="checkbox"/>
Confidence in the workplace/communication	<input type="checkbox"/>
Time management skills and tools	<input type="checkbox"/>
Research jobs in government	<input type="checkbox"/>
Research jobs in academia	<input type="checkbox"/>
Research jobs in industry	<input type="checkbox"/>
Research jobs/jobs in non-governmental organizations (NGOs)	<input type="checkbox"/>
Extramural jobs across HHS	<input type="checkbox"/>
Overview of NIH research grants system	<input type="checkbox"/>
Navigating USA Jobs	<input type="checkbox"/>
“Imposter Syndrome”	<input type="checkbox"/>
Networking	<input type="checkbox"/>
Opportunities to apply for financial research awards as an NCI fellow	<input type="checkbox"/>
Wellness/life planning	<input type="checkbox"/>

Other

17. What career related seminars would you like to see during your fellowship?

18. How satisfied have you been with career related seminars as part of the fellowship?

- Very satisfied
- Satisfied
- Neutral
- Dissatisfied
- Very dissatisfied
- Not applicable

19. Aside from those covered above, are there any other areas in which you would like the CPFP to provide training? Please provide specific details to help us better understand the training needs of CPFs.

Category 5 : Methods and training committee

20. Which of the following topics would you be interested to receive training/guidance in?

Please rank in order of preference (1=most interested)

<input type="text"/>	Specific datasets available for fellows at NCI to use (tips, pitfalls, how to gain access)
<input type="text"/>	Types of approval needed for accessing data/disseminating findings
<input type="text"/>	Tips or hacks for organizing research work (e.g. note-taking software, project management/collaboration software such as 'Asana', reference management software)
<input type="text"/>	Epidemiological study design and analysis approaches
<input type="text"/>	Statistical software

21. A list of specific epidemiological study design/analysis topics of interest was generated at the committee meetings.

Please rank in order of preference (1=most interested)

<input type="text"/>	Matching participants
<input type="text"/>	Multilevel modeling
<input type="text"/>	Survival analysis
<input type="text"/>	Missing data/assessing random/non-randomness/Multiple imputations
<input type="text"/>	Longitudinal data analysis
<input type="text"/>	Analyzing population level survey data (e.g. sampling, inverse probability weighting)
<input type="text"/>	Causal inference (matching, propensity scores and sensitivity to unobserved confounding)
<input type="text"/>	Mediation analyses
<input type="text"/>	Competing risks
<input type="text"/>	Types of bias and tools to address them (e.g. regression calibration)
<input type="text"/>	Spatial/geographic data analysis
<input type="text"/>	Big data analysis, e.g. cluster/supercomputing with 'Biowulf'

22. Which statistical software programming package would you like training for? (Pick the most important one for your current needs)

- SPSS
- SAS
- STATA
- SUDAAN
- R
- GraphPad Prism
- Scripting packages, e.g. Python
- Other (please specify)

23. For the option you chose, please rank the most important aspect of training for that statistical software (1= most important, 4= least important)

<input type="text"/>	Basic programming (e.g. uploading data files, manipulating variables, running basic checks, etc.)
<input type="text"/>	Data Management (e.g. record keeping, merging data, writing code, etc. )
<input type="text"/>	Running specific statistical procedures
<input type="text"/>	Graphics/ Data visualization techniques

24. If we were to offer a workshop for statistical programming, what format would you prefer?

- 2-day workshop (consecutive)
- 1-day workshop
- One afternoon lecture
- Series of lectures
- Informal/peer-led 'lunch and learn' sessions

25. Would you like to lead a peer-led training session on any of the topics listed in the above questions?

- Yes
- No
- Unsure

26. Please state below what topic(s) you would be interested in leading a session on:



Category 6: Alumni relations committee

27. Have you previously attempted to get in touch with CPFP alumni?

- Yes, and I was successful
- Yes, but I was unsuccessful
- No

28. How did you identify CPFP alumni to contact?

29. What would be a CPFP resource or activity that could facilitate your connection with alumni?

30. If you could have access to an alumni database populated with public information about CPFP alumni, what type of categories and information would be helpful to know?  
(select all that are of interest)

- Alumni generally categorized by sector experience
- Postdoctoral discipline
- Program entry/exit date
- NCI/FDA division affiliation during fellowship years
- Other (please specify)

31. Are you interested in hosting or attending an alumni event (social gathering or other meal)?

- Yes
- No
- Not sure

32. If yes, at what type of meetings would you like to host or attend a social gathering?

Local meetings

National conferences

Category 7: Fellowship experience - CPFP staff communication

33. CPFP Curriculum:

Please indicate how satisfied you are with the following aspects of the CPFP.(Please use the 'Not Applicable' option if you feel like you haven't had a chance to assess the CPFP Curriculum in any area.)

	Satisfaction
Total length of the fellowship	<input type="text"/>
MPH experience	<input type="text"/>
Fellows Research Meetings (FRM)	<input type="text"/>
Colloquia	<input type="text"/>
Fall Fellows' Symposium	<input type="text"/>
Summer Curriculum in Cancer Prevention	<input type="text"/>
Speaking about Science training	<input type="text"/>
Grants and Grantsmanship training	<input type="text"/>
CPFP-sponsored leadership and other training activities	<input type="text"/>

Please add any comments or suggestions about CPFP curriculum.

34. Administrative Staff and Procedures: Please indicate how satisfied you are with the CPFPP staff and the following CPFPP procedures. *(Please use the "Not applicable" option if you feel you haven't had a chance to assess staff in any area.)*

	Satisfaction
Awareness of who to contact about specific topics and issues	<input type="text"/>
Timeliness of the communication with administrative staff	<input type="text"/>
Quality of the communication with administrative staff	<input type="text"/>
Relocation/moving issues	<input type="text"/>
Travel requirements and procedures	<input type="text"/>
Event scheduling and notification (e.g., orientation, FRMs, Colloquia, etc.)	<input type="text"/>

Please add any comments or suggestions regarding CPFPP staff and procedures.

35. CPFPP Director/Deputy Director: Please indicate how satisfied you are with the CPFPP leadership in the following areas. *(Please use the "Not applicable" option if you feel you haven't had a chance to assess the CPFPP Director/Deputy Director in any area.)*

	Satisfaction
Availability	<input type="text"/>
Timeliness and quality of the communication (including expectations of fellows)	<input type="text"/>
Guidance about CPFPP activities and experiences	<input type="text"/>
Assistance with career planning	<input type="text"/>
Providing information about independent funding (e.g., grants) or additional training/experiences	<input type="text"/>
Notification about job openings	<input type="text"/>

Please add any comments or suggestions regarding CPFPP leadership.

Category 8 -Fellowship experience - Logistics

36. Out of 100% of your time in an average work week, what percent do you spend on the following.  
 (Please insert number next to activity. Total should equal 100%)

Fellow ship required activities (e.g. FRM, colloquia)

Fellowship non-required activities (e.g. committee meetings, optional trainings, peer mentoring)

Research related activities (e.g. data analysis, manuscript writing, project management)

Pursuit of employment (e.g. informational interviews, job applications, job searches)

Other non-CPF activities (e.g. branch meetings, NCI wide seminars, interest groups, administrative tasks)

37. How easy has it been for you to find the data at the NCI/generate the data necessary to answer the research questions you were interested in?

- Very easy
- Somewhat easy
- Neutral
- Somewhat difficult
- Very difficult
- Not applicable

38. Compared to your non-CPFP peers, how prepared do you think you are for the job market?

- Much less prepared
- Somewhat less prepared
- About the same
- Somewhat more prepared
- Much more prepared

39. Overall, how do you rate your satisfaction with your experience in the CPFP so far?

- Very satisfied
- Satisfied
- Neutral
- Dissatisfied
- Very dissatisfied

Please add any comments or suggestions for improvement.

Category 9 - Mentorship

40. Do you have at least one mentor, at NCI or through the CPFP, that fulfills the following role for you?

	No, but do not want/need	No, but would like to have	Yes
<b>Sponsor</b> - Helps you attain desirable positions or career experiences - Uses influence to support advancement for your career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Career advisor</b> - Helps you learn about NCI and NIH - Gives advice about how to effectively perform within NCI - Provides specific suggestions on how to enhance your performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Advocate</b> - "Runs interference" for you - Shields you from damaging contact or actions from others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Investor</b> - Gives tasks that require you to learn new skills or external opportunities for growth - Provides challenging or "stretch" assignments - Provides opportunities that strengthen existing skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Networker</b> - Helps be more visible within NCI - Creates opportunities to impress key or influential people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	No, but do not want/need	No, but would like to have	Yes
Personal benchmark - Serves as a role model for you - Provides a model that you can identify with or aspire to be	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Supporter - Accepts you as a competent professional - Sees you as knowledgeable - Thinks highly of you	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sounding board - Serves as a sounding board for you to develop and understand yourself - Guides you in professional or personal development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ally - Can be confided in - Provides support and encouragement - Someone you can trust	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

41. Considering all you mentors, at NCI or through the CPFP, how adequate is the mentorship you receive in the following areas?

	Adequate	Somewhat adequate	Inadequate	Unsure
Identification of new research avenues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Help with manuscript preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Promoting you professionally	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Category 10: Additional comments

42. Please provide any additional comments/suggestions in the box below. Is there anything we didn't ask that you want to tell us?