

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

- Yes
- No
- Unsure

2. 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)

3. What type(s) of research do you want to pursue during your time in the 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)

4. 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

5. 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

6. Research skills and abilities:

Please indicate whether, as part of your fellowship experience, you would like training in the following research areas.

Would you like training in this area?
(If not, leave blank.)

| | |
|---|--------------------------|
| Literature review/search strategies | <input type="checkbox"/> |
| Identifying available datasets | <input type="checkbox"/> |
| Generation of scientifically testable hypotheses | <input type="checkbox"/> |
| Ability to conceptualize a research project | <input type="checkbox"/> |
| Grant writing | <input type="checkbox"/> |
| Quantitative data analysis (biostats) | <input type="checkbox"/> |
| Statistical software programming | <input type="checkbox"/> |
| Qualitative data analysis | <input type="checkbox"/> |
| Laboratory techniques | <input type="checkbox"/> |
| Interpretation of results | <input type="checkbox"/> |
| Translation of research to practice and/or policy | <input type="checkbox"/> |
| Manuscript review for a journal | <input type="checkbox"/> |
| Responsible conduct of research (RCR) | <input type="checkbox"/> |

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)

7. Communication skills and abilities:

Please indicate whether, as part of your fellowship experience, you would like training in the following areas.

Would you like training in this area?
(If not, leave blank.)

Scientific writing

Public speaking

Teaching

Interpersonal communication

Communication with the Media

Writing for a lay audience (general public)

Professional networking

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

8. Leadership and Management skills:

Please indicate whether, as part of your fellowship experience, you would like training in the following areas

Would you like training in this area?
(If not, leave blank.)

Time management

Conflict resolution

Budgeting for research projects

Supervision of team members

Developing a program of research

Work-life balance

How to engage in team science

Becoming a good mentor

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

9. Service: Please indicate whether, as part of your fellowship experience, you would be interested in service opportunities in the following areas.

Would you be interested in these types of service opportunities?
(If not, leave blank.)

Professional societies

Editorial and advisory boards

Peer review of grants

Peer review of manuscripts

NIH or NCI committees

CPFP FAB committees

If you would like more of these or other opportunities, please provide specific details.

10. Collaboration: Please indicate whether you would be interested in opportunities to collaborate with the following types of researchers.

Would you be interested in these types of collaboration opportunities?
(If not, leave blank.)

Collaboration with other Cancer Prevention Fellows

Collaboration with NCI researchers

Collaboration with NIH researchers (non-NCI)

Collaboration with non-NIH, domestic (U.S.-based) researchers

Collaboration with international researchers

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 11-13 please rate your interest in the following areas:

11. 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"/> |

12. 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"/> |
| Dealing with finicky writers/coauthors | <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"/> |
| Scientific writing for the masses - blogs, popular publications, public education | <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"/> |
| How to present data effectively | <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"/> |
| Activity: Identify collaborators within CPF | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

13. 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"/> |

14. 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

15. Career opportunities: 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 (please specify)

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

17. 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

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

Rank options in order of preference (1=most interested).

| | |
|----------------------|--|
| <input type="text"/> | Specific data sets 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 |

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

Please mark topics of interest and 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' |

20. 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)

21. 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 |

22. 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

23. Would you be interested in leading/teaching a session on any of these topics, or something else not listed here?

- Yes
- No
- Unsure

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

Category 6: Alumni relations committee

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

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

26. How did you identify CPFP alumni to contact?

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

28. 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)

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

- Yes
- No
- Unsure

30. 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 - CPF staff communication

31. Administrative Staff and Procedures: Please indicate how satisfied you are with the CPF staff and the following CPF 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 CPF staff and procedures.

32. CPF Director/Deputy Director: Please indicate how satisfied you are with the CPF leadership in the following areas.

(Please use the "Not applicable" option if you feel you haven't had a chance to assess the CPF 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 CPF 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 CPF leadership.

Category 8: Overall fellowship experience

33. Overall, how satisfied were you with the CPFP orientation?

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

Please add any comments or suggestions for improvement.

34. Overall, how satisfied were you with the summer curriculum?

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

Please add any comments or suggestions for improvement.

35. 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: Additional comments

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