

## Appendix D1

### Researcher Survey Form

July, 2002

INSTRUCTIONS: You have been given this form because you have had a *research role* on a TTURC project (core project, research project, or pilot project) over the past twelve months (7/1/01 – 6/30/02). In all questions below, any references to “center” refer to the TTURC center, not others centers you may be associated with.

Your participation is *anonymous*. Your responses will not be identified with you personally in any way. Your participation is also *voluntary*. You are free to not respond at all or to only respond to select items. However, *we ask that you return the instrument, even if you elect not to respond at all*. If there are any questions that you feel you are unable to or prefer not to answer, please leave them blank.

Your participation is important to our understanding and communication of the work associated with the TTURC initiative. If you have any questions or concerns about this evaluation, please feel free to contact Ginny Hsieh (hsiehg@mail.nih.gov; 301-594-6984). Please complete this form **no later than July 31, 2002** and enclose it in the accompanying postage-paid envelope.

#### A. General Information

1. For how many years have you been involved with this TTURC center? \_\_\_\_\_ years.
2. In the past 12 months, on average, how many hours per week did you spend on center-related work? \_\_\_\_\_ hours.
3. Please characterize your research role in center research:
  - ρ **Investigator** (e.g., PI Co-PI or Co-Investigator; Principal, Associate, Core or Project Director, Researcher, Scientist, Research Scientist)
  - ρ **Professional Research Support Staff** (e.g., (Bio)statistician; Research Associate; Research, Laboratory, Data or Web Technician)
  - ρ **Student Research Support Staff** (e.g., Research Assistant, Post Doc, Student)
  - ρ **Other Research Role** (please specify): \_\_\_\_\_
4. Please indicate your disciplinary affiliation(s) (first, second, third and further if relevant) by writing the appropriate number next to each discipline (use as many numbers as needed; use each number only once):

1 = Your Primary Discipline  
2 = Your Secondary Discipline  
3 = Your Tertiary Discipline  
etc.

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Anthropology        | <input type="checkbox"/> Gerontology              | <input type="checkbox"/> Medicine-Other         |
| <input type="checkbox"/> Behavioral Medicine | <input type="checkbox"/> Health Services Research | <input type="checkbox"/> Molecular neurobiology |
| <input type="checkbox"/> Behavioral Science  | <input type="checkbox"/> Immunology               | <input type="checkbox"/> Neuroscience           |
| <input type="checkbox"/> Bioethics           | <input type="checkbox"/> Medicine-Family          | <input type="checkbox"/> Nursing                |
| <input type="checkbox"/> Biology             | <input type="checkbox"/> Medicine-General         | <input type="checkbox"/> Pharmacology           |
| <input type="checkbox"/> Biostatistics       | <input type="checkbox"/> Medicine-Internal        | <input type="checkbox"/> Psychology             |
| <input type="checkbox"/> Communications      | <input type="checkbox"/> Medicine-Molecular Bio   | <input type="checkbox"/> Public Health          |
| <input type="checkbox"/> Economics           | <input type="checkbox"/> Medicine-Pediatrics      | <input type="checkbox"/> Public Policy          |
| <input type="checkbox"/> Education           | <input type="checkbox"/> Medicine-Obstetrics      | <input type="checkbox"/> Sociology              |
| <input type="checkbox"/> Epidemiology        | <input type="checkbox"/> Medicine-Psychiatry      | _____   |
| <input type="checkbox"/> Genetics            | <input type="checkbox"/> Medicine-Subspecialty    | _____   |

5. Indicate any new disciplines with which you have worked in your TTURC-related research over the past 12 months. Place a check next to each new discipline you've worked with.

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Anthropology        | <input type="checkbox"/> Gerontology              | <input type="checkbox"/> Medicine-Other         |
| <input type="checkbox"/> Behavioral Medicine | <input type="checkbox"/> Health Services Research | <input type="checkbox"/> Molecular neurobiology |
| <input type="checkbox"/> Behavioral Science  | <input type="checkbox"/> Immunology               | <input type="checkbox"/> Neuroscience           |
| <input type="checkbox"/> Bioethics           | <input type="checkbox"/> Medicine-Family          | <input type="checkbox"/> Nursing                |
| <input type="checkbox"/> Biology             | <input type="checkbox"/> Medicine-General         | <input type="checkbox"/> Pharmacology           |
| <input type="checkbox"/> Biostatistics       | <input type="checkbox"/> Medicine-Internal        | <input type="checkbox"/> Psychology             |
| <input type="checkbox"/> Communications      | <input type="checkbox"/> Medicine-Molecular Bio   | <input type="checkbox"/> Public Health          |
| <input type="checkbox"/> Economics           | <input type="checkbox"/> Medicine-Pediatrics      | <input type="checkbox"/> Public Policy          |
| <input type="checkbox"/> Education           | <input type="checkbox"/> Medicine-Obstetrics      | <input type="checkbox"/> Sociology              |
| <input type="checkbox"/> Epidemiology        | <input type="checkbox"/> Medicine-Psychiatry      | _____   |
| <input type="checkbox"/> Genetics            | <input type="checkbox"/> Medicine-Subspecialty    | _____   |

**B. General Evaluation**

6. Please evaluate *the overall performance of your center* over the past 12 months in each of the following areas:

CIRCLE ONE CODE FOR EACH ITEM	Inadequate	Poor	Satisfactory	Good	Excellent
a. The training of students, new researchers and staff	1	2	3	4	5
b. The effectiveness of research collaborations within the center	1	2	3	4	5
c. Integration of research across disciplines	1	2	3	4	5
d. Ability to conduct transdisciplinary research	1	2	3	4	5
e. Development of new scientific theories or models, or enhancement of existing ones	1	2	3	4	5
f. Research leading to the development of new research methods	1	2	3	4	5
g. Publication productivity	1	2	3	4	5
h. Quality of publications	1	2	3	4	5
i. Development of improved interventions	1	2	3	4	5
j. Institutional support for research	1	2	3	4	5
k. Recognition of center-related research	1	2	3	4	5
l. Communication of research findings (other than through publications)	1	2	3	4	5
m. Translation of research into practice	1	2	3	4	5
n. Translation of research into policy	1	2	3	4	5
o. Ability to affect ultimate health outcomes (e.g., prevalence, morbidity, mortality)	1	2	3	4	5
p. Overall management of the center	1	2	3	4	5

7. How would you evaluate your experience with the center overall over the past 12 months (CIRCLE ONE)?

Very Negative	Somewhat Negative	Neither Negative nor Positive	Somewhat Positive	Very Positive
1	2	3	4	5

### C. Collaboration

8. Please evaluate the *collaboration within your center*.

CIRCLE ONE CODE FOR EACH ITEM	Inadequate	Poor	Satisfactory	Good	Excellent
a. Support staffing for the collaboration.	1	2	3	4	5
b. Physical environment support (e.g., meeting space) for collaboration.	1	2	3	4	5
c. Acceptance of new ideas.	1	2	3	4	5
d. Communication among collaborators.	1	2	3	4	5
e. Ability to capitalize on the strengths of different researchers.	1	2	3	4	5
f. Organization or structure of collaborative teams.	1	2	3	4	5
g. Resolution of conflicts among collaborators.	1	2	3	4	5
h. Ability to accommodate different working styles of collaborators.	1	2	3	4	5
i. Integration of research methods from different fields.	1	2	3	4	5
j. Integration of theories and models from different fields.	1	2	3	4	5
k. Involvement of collaborators from outside the center.	1	2	3	4	5
l. Involvement of collaborators from diverse disciplines.	1	2	3	4	5
m. Productivity of collaboration meetings.	1	2	3	4	5
n. Productivity in developing new products (e.g., papers, proposals, courses).	1	2	3	4	5
o. Overall productivity of collaboration.	1	2	3	4	5

9. Please rate your views about *collaboration* with respect to your center-related research.

CIRCLE ONE CODE FOR EACH ITEM	Strongly Disagree	Somewhat Disagree	Not Sure	Somewhat Agree	Strongly Agree
a. You are comfortable showing limits or gaps in your knowledge to those with whom you collaborate.	1	2	3	4	5
b. In general, you feel that you can trust the colleagues with whom you collaborate.	1	2	3	4	5
c. In general, you find that your collaborators are open to criticism.	1	2	3	4	5
d. In general, you respect your collaborators.	1	2	3	4	5
e. You have increased the degree to which you collaborate with people outside your primary discipline.	1	2	3	4	5
f. In general, collaboration has improved your research productivity.	1	2	3	4	5
g. In general, collaboration has improved the quality of your research.	1	2	3	4	5
h. Collaboration has posed a significant time burden in your research.	1	2	3	4	5

## D. Transdisciplinary Research

In the TTURC initiative, transdisciplinary research is considered distinct from traditional collaborative research. The questions in this section pertain specifically to transdisciplinary research as you understand or perceive it.

10. Please rate the following *attitudes about transdisciplinary research*.

CIRCLE ONE CODE FOR EACH ITEM	Strongly Disagree	Somewhat Disagree	Not Sure	Somewhat Agree	Strongly Agree
a. I would describe myself as someone who strongly values transdisciplinary collaboration.	1	2	3	4	5
b. Transdisciplinary research interferes with my ability to maintain knowledge in my primary area.	1	2	3	4	5
c. I tend to be more productive working on my own rather than working as a member of a transdisciplinary research team.	1	2	3	4	5
d. In a transdisciplinary research group, it takes more time to produce a research article.	1	2	3	4	5
e. Transdisciplinary research stimulates me to change my thinking.	1	2	3	4	5
f. I have changed the way I pursue a research idea because of my involvement in transdisciplinary research.	1	2	3	4	5
g. Transdisciplinary research has improved how I conduct research.	1	2	3	4	5
h. I am optimistic that transdisciplinary research among TTURC participants will lead to valuable scientific outcomes that would not have occurred without that kind of collaboration.	1	2	3	4	5
i. Participating in a transdisciplinary team improves the interventions that are developed.	1	2	3	4	5
j. Because of my involvement in transdisciplinary research, I have an increased understanding of what my own discipline brings to others.	1	2	3	4	5
k. My transdisciplinary collaborations are sustainable over the long haul.	1	2	3	4	5
l. Generally speaking, I believe that the benefits of transdisciplinary scientific research outweigh the inconveniences and costs of such work.	1	2	3	4	5
m. I am comfortable working in a transdisciplinary environment.	1	2	3	4	5
n. Overall, I am pleased with the effort I have made to engage in transdisciplinary research.	1	2	3	4	5
o. TTURC members as a group are open-minded about considering research perspectives from fields other than their own.	1	2	3	4	5

### E. Methods

11. Please rate the degree to which your center-related research in the past twelve months has led to progress in any of the following areas.

CIRCLE ONE CODE FOR EACH ITEM. IF THE ITEM DOES NOT APPLY TO YOUR RESEARCH, CIRCLE 9.	No Progress	Some Progress	Good Progress	Excellent Progress	Does Not Apply
a. Development of common approaches or methods for defining key terms	1	2	3	4	9
b. Development or refinement of measures	1	2	3	4	9
c. Development or refinement of methods for gathering data	1	2	3	4	9
d. Development or refinement of methods for reporting data	1	2	3	4	9
e. Development or refinement of tools for integration of data across disciplines	1	2	3	4	9
f. Development or refinement of methods for synthesis or meta-analyses	1	2	3	4	9
g. Development or refinement of methods for assessing community or policy interventions	1	2	3	4	9

### F. Science & Models

12. Please rate the degree to which your center-related research in the past twelve months has led to *progress in any of the following areas*.

CIRCLE ONE CODE FOR EACH ITEM. IF THE ITEM DOES NOT APPLY TO YOUR RESEARCH, CIRCLE 9.	No Progress	Some Progress	Good Progress	Excellent Progress	Does Not Apply
a. Development of transdisciplinary theories	1	2	3	4	9
b. Understanding the relationships between biological, psychosocial and environmental factors in smoking	1	2	3	4	9
c. Understanding multiple determinants of the stages of nicotine addiction	1	2	3	4	9
d. Interactions between individual (bio-behavioral) and environmental (nested contextual) variables	1	2	3	4	9
e. Integration of bio-behavioral aspects of tobacco use with the biological mechanisms involved in morbidity/mortality	1	2	3	4	9
f. Understanding interactions between intrapersonal and environmental predictors of smoking	1	2	3	4	9
g. Understanding smoking cessation in hard core smokers	1	2	3	4	9
h. Understanding smoking cessation in smokers with co-morbidities	1	2	3	4	9
i. Understanding relation between nicotine dependence and other forms of drug dependence	1	2	3	4	9
j. Understanding tobacco control within the context of other risk behaviors among adolescents	1	2	3	4	9

CIRCLE ONE CODE FOR EACH ITEM. IF THE ITEM DOES NOT APPLY TO YOUR RESEARCH, CIRCLE 9.	No Progress	Some Progress	Good Progress	Excellent Progress	Does Not Apply
k. Application or adaptation of theories not previously applied to nicotine addiction or tobacco cessation	1	2	3	4	9
l. Understanding the epidemiology of nicotine dependence, especially in minority groups	1	2	3	4	9
m. Understanding the mediated and moderated pathways among predictors of tobacco use	1	2	3	4	9
n. Development of frameworks for addressing addiction within a public health context	1	2	3	4	9
o. Understanding interplay of family dynamics on smoking cessation	1	2	3	4	9
p. Understand better ways to prevent the onset of smoking in youth	1	2	3	4	9
q. Understand better the role of culture in tobacco use and/or prevention and cessation	1	2	3	4	9

### G. Publications & Productivity

Please provide summary information about your center-related publications and other productivity over the past twelve months.

13. Please indicate the approximate numbers for each of the following for center-related work only over the past twelve months:

PLEASE ESTIMATE A NUMBER FOR EACH CATEGORY	Estimated Number
a. New research grants submitted (where you are PI or co-PI)	_____
b. New grants awarded (where you are PI or co-PI)	_____
c. Research presentations at professional conferences	_____

14. Please indicate the approximate numbers of research manuscripts based on center work only on which you were a co-author over the past twelve months:

PLEASE ESTIMATE A NUMBER FOR EACH CATEGORY. COUNT EACH PUBLICATION IN ONLY ONE CATEGORY.	Estimated Number
a. Submitted to refereed journal for review	_____
b. In revise-and-resubmit status with a refereed journal	_____
c. In press in a refereed journal	_____
d. Published in a refereed journal	_____

### H. Support & Recognition

15. Please evaluate the *institutional resources* for conducting your center-related research:

CIRCLE ONE CODE FOR EACH ITEM	Inadequate	Poor	Satisfactory	Good	Excellent
a. Availability of physical resources (e.g., computer equipment, software, supplies, etc.)	1	2	3	4	5
b. Quality of physical resources (e.g., computer equipment, software, supplies, etc.)	1	2	3	4	5

c. Availability of physical space (e.g., office, lab, etc.)	1	2	3	4	5
d. Quality of physical space (e.g., office, lab, etc.)	1	2	3	4	5
e. Availability of the personnel resources (e.g., secretarial support, library support, technical support, etc.)	1	2	3	4	5
f. Quality of the personnel resources (e.g., secretarial support, library support, technical support, etc.)	1	2	3	4	5
g. Availability of electronic or other resources for collaboration between remote research sites	1	2	3	4	5
h. Availability of electronic or other resources for collaboration between research centers	1	2	3	4	5

16. Please rate how important you believe each of the following is at your institution (e.g., your university):

CIRCLE ONE CODE FOR EACH ITEM	Not At All Important	Somewhat Important	Moderately Important	Very Important	Extremely Important
a. Evidence of <i>collaborative</i> research background when hiring new researchers/faculty	1	2	3	4	5
b. Evidence of <i>transdisciplinary</i> research background when hiring new researchers/faculty	1	2	3	4	5
c. Evidence of <i>collaborative</i> research in tenure or promotion decisions	1	2	3	4	5
d. Evidence of <i>transdisciplinary</i> research in tenure or promotion decisions	1	2	3	4	5

### I. Communications

17. How would you evaluate your center's *communications with you* over the past 12 months about:

CIRCLE ONE CODE FOR EACH ITEM	Inadequate	Poor	Satisfactory	Good	Excellent
a. Other center research projects	1	2	3	4	5
b. General information about the center	1	2	3	4	5
c. Research at other TTURC centers	1	2	3	4	5
d. Other activities at other TTURC centers	1	2	3	4	5
e. Funding agency activities and opportunities	1	2	3	4	5

18. How would you rate your center's *communications with the outside world* over the past 12 months about:

CIRCLE ONE CODE FOR EACH ITEM	Inadequate	Poor	Satisfactory	Good	Excellent
a. Center research projects	1	2	3	4	5
b. General information about the center	1	2	3	4	5

19. Overall, how important are each of the following *barriers to communication* in the center?

CIRCLE ONE CODE FOR EACH ITEM	Not At All Important	Somewhat Important	Moderately Important	Very Important	Extremely Important
a. Information overload – too many e-mails, calls, etc.	1	2	3	4	5
b. Lack of time necessary to communicate effectively	1	2	3	4	5
c. Technical problems that hinder communication	1	2	3	4	5
d. Not knowing who to communicate with	1	2	3	4	5
e. Interpersonal problems between center members	1	2	3	4	5
f. Lack of information (such as meeting minutes) needed to guide communication	1	2	3	4	5
g. Lack of interest or response when I try to communicate	1	2	3	4	5
h. Overall size and complexity of the center	1	2	3	4	5
i. Other (Specify)	1	2	3	4	5

### J. Interventions

20. Please rate the degree to which your center-related research in the past twelve months has led to *progress toward the development of new or improved interventions of the following types*:

CIRCLE ONE CODE FOR EACH ITEM. IF THE ITEM DOES NOT APPLY TO YOUR RESEARCH, CIRCLE 9.	No Progress	Some Progress	Good Progress	Excellent Progress	Does Not Apply
a. Pharmacological interventions	1	2	3	4	9
b. Individual level (non-pharmacological ) interventions	1	2	3	4	9
c. Community-based interventions	1	2	3	4	9
d. School-based interventions	1	2	3	4	9
e. Workplace interventions	1	2	3	4	9
f. Health care interventions	1	2	3	4	9
g. Environmental interventions	1	2	3	4	9
h. Policy interventions	1	2	3	4	9
i. Prevention of uptake or initiation	1	2	3	4	9
j. Cessation/quitting	1	2	3	4	9
k. Relapse prevention	1	2	3	4	9
l. Media based interventions	1	2	3	4	9

### K. Policy

21. In the past twelve months, has your *center-related research*...

PLEASE CHECK YES OR NO FOR EACH

a. <i>Informed policy debates</i> in your community/State or otherwise been disseminated into the policy arena?	$\rho$ No	$\rho$ Yes
b. Been used to justify the <i>allocation of funding/resources into tobacco control activities</i> in your community/State (for example, from the state settlement dollars/MSA)?	$\rho$ No	$\rho$ Yes
c. Been used to develop or justify <i>tobacco control legislation or regulations</i> in your community/State?	$\rho$ No	$\rho$ Yes

PLEASE CHECK YES OR NO FOR EACH

- d. Been used as the basis for developing or justifying tobacco control policies or policy interventions? ρ No      ρ Yes

### L. Translation to Practice

22. In the past twelve months has your center-based research involved *developing and/or disseminating materials* (e.g., written, video, software) *for use in practice* to...

PLEASE CHECK YES OR NO FOR EACH

- |   |      |       |
|---|------|-------|
| a. <i>Prevent initiation</i> of tobacco use?                        | ρ No | ρ Yes |
| b. <i>Encourage cessation</i> in current tobacco users?             | ρ No | ρ Yes |
| c. <i>Support long-term maintenance</i> in former users of tobacco? | ρ No | ρ Yes |

23. In the past twelve months has your center-based research involved *developing and/or providing training of health care practitioners or others* to...

PLEASE CHECK YES OR NO FOR EACH

- |   |      |       |
|---|------|-------|
| a. <i>Prevent initiation</i> of tobacco use?                        | ρ No | ρ Yes |
| b. <i>Encourage cessation</i> in current tobacco users?             | ρ No | ρ Yes |
| c. <i>Support long-term maintenance</i> in former users of tobacco? | ρ No | ρ Yes |

24. In the past twelve months has your center-based research involved...

PLEASE CHECK YES OR NO FOR EACH

- |   |      |       |
|---|------|-------|
| a. Developing <i>tobacco use treatment guidelines</i> for health care providers or health care delivery settings (HMOs, group practices, hospitals)?  | ρ No | ρ Yes |
| b. Developing <i>policies banning the use of tobacco</i> in health care delivery settings (HMOs, group practices, hospitals) in your community/State? | ρ No | ρ Yes |
| c. Developing <i>benefit packages</i> for the health care insurance coverage of cessation services?   | ρ No | ρ Yes |

### M. Health Outcomes

It is probably impossible to assess the unique contributions of individual research efforts to ultimate health outcomes, and we won't pretend to try to do that here. Instead, we would like to gauge something akin to "consumer optimism" measures in economic research studies. Here, we would like you to estimate how "optimistic" you are about the effects of your research on ultimate health outcomes of relevance.

25. Please rate how *optimistic* you are that within the next five years your research will help lead to significant positive health outcomes in the following areas.

CIRCLE ONE CODE FOR EACH ITEM

	Not At All Optimistic	Somewhat Optimistic	Moderately Optimistic	Very Optimistic	Extremely Optimistic
a. <i>Early uptake</i> of tobacco use	1	2	3	4	5
b. Progression to <i>regular and addictive levels of tobacco use</i>	1	2	3	4	5
c. Tobacco product <i>consumption</i>	1	2	3	4	5
d. Tobacco use <i>prevalence</i>	1	2	3	4	5
e. Tobacco-related <i>morbidity</i>	1	2	3	4	5
f. Tobacco-related <i>mortality</i>	1	2	3	4	5





