

**Request for Approval under the
“Generic Clearance for the Collection of Routine Customer Feedback” (NCI)
(OMB Control Number: 0925-0642-26, Expiration Date 9/30/2014)**

TITLE OF INFORMATION COLLECTION: Life in A Day Phone Application Study (Usability Study)

PURPOSE:

To overcome issues associated with long-term recall, NCI has developed a new mobile phone-based diary, Life in a Day, to measure time spent in daily activities in order to improve the accuracy of self-reported physical activity behavior. Smartphone applications have emerged as key channels for dissemination of health information and the delivery of physical activity interventions. Despite this advance, there are no publicly available applications for researchers to assess physical activity behavior. Life in a Day has been developed to assess contextual information about physical activity with a participant-customizable interface and researcher-defined prompts sent to participant phones to ensure diary completion when there are periods of participant non-use.

The purpose of this request is to obtain approval to perform usability testing to (1) assess design decisions to limit participant instructions and allow participants to customize the application interface when registering their accounts, and (2) assess the free-living experience of participants logging time use data over two 24-hour days with and without prompts, when there are periods of non-use or the application has been running without participant interaction.

DESCRIPTION OF RESPONDENTS:

Eligibility criteria for respondents to participate will be:

- Must live within driving distance of the contractor’s facility in Rockville, MD (in order to attend one in-person session and receive a phone with the app on it);
- Use a cell phone with an Android operating system;
- Have some level of familiarity with apps;
- Have access to a WiFi network (in order to send a data file to the contractor); and
- Be able to participate in an interview using a computer and phone at the same time.

Recruited participants will be both male and female, be from a variety of racial and ethnic backgrounds, have a range of educational attainment and employment status, have a range of comfort using cell phone apps, and range in age from 18 to 64.

TYPE OF COLLECTION: (Check one)

- Customer Comment Card/Complaint Form
- Usability Testing (e.g., Website or Software)
- Focus Group
- Customer Satisfaction Survey
- Small Discussion Group
- Other: _____

CERTIFICATION:

I certify the following to be true:

1. The collection is voluntary.
2. The collection is low-burden for respondents and low-cost for the Federal Government.
3. The collection is non-controversial and does not raise issues of concern to other federal agencies.
4. The results are not intended to be disseminated to the public.
5. Information gathered will not be used for the purpose of substantially informing influential policy decisions.
6. The collection is targeted to the solicitation of opinions from respondents who have experience with the program or may have experience with the program in the future.

Name: Heather Bowles

To assist review, please provide answers to the following question:

Personally Identifiable Information:

1. Is personally identifiable information (PII) collected? Yes No
2. If Yes, will any information that is collected be included in records that are subject to the Privacy Act of 1974? Yes No
3. If Yes, has an up-to-date System of Records Notice (SORN) been published? Yes No

PII will be collected by the contractor to issue an incentive. PII will be kept for several months after the conclusion of the study to confirm that the incentive was received by the participant. NCI will receive de-identified data.

Gifts or Payments:

Is an incentive (e.g., money or reimbursement of expenses, token of appreciation) provided to participants? Yes No

Eligible participants will be given \$40 in appreciation of their time upon return receipt of the cell phone and completion of the study. This incentive is appropriate since participants will need to travel to the contractor’s headquarters on the first day of the study and are expected to use the app from the time of the introduction, parts of 2nd day and through until the usability interview on the 3rd day.

BURDEN HOURS

Category of Respondent	Parts	No. of Respondents	Participation Time	Burden Hours
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			(in hours)	
Individuals	Screener	25	10/60	4
	Day 1 - Introduction to the app	18	1	18
	Days 2 & 3 - Use of the app* and usability interview	18	80/60	24
Totals				46

*On Day 2, it is anticipated that the respondents will use the app between 5-15 minutes. So an additional 10 minutes has been added to the participation time which combines the use of the app and follow-up on Day 3.

Total Burden Hours used for IC's to date: 1,413
 Total Burden Hours Approved for IC's under 0925-0642: 8750
 Total Burden Hours currently requested: 46

FEDERAL COST: The estimated annual cost to the Federal government is \$32,000.

If you are conducting a focus group, survey, or plan to employ statistical methods, please provide answers to the following questions:

The selection of your targeted respondents

1. Do you have a customer list or something similar that defines the universe of potential respondents and do you have a sampling plan for selecting from this universe?
 Yes No

The contractor will use several methods simultaneously to advertise and contact as many potential participants as possible: Craigslist and the contractor's intranet to encourage staff to network. The contractors themselves will not be eligible to participate, however their friends, families, and neighbors are eligible to be screened.

In the event that these sources do not yield a set of potential participants with variation on demographic characteristics such as age, race/ethnicity, gender, and education, we have another option to fill specific demographic niches. We can call individuals culled from the contractor's research volunteer respondent database to screen them for eligibility as Android phone users.

The ads will provide a phone number to call and an email address to send a message if interested in volunteering for the study. These calls and messages will be returned by a contractor employee who will administer the study screener to determine eligibility for the interview, as well as to record the potential participants' demographic characteristics. Those who meet the screening criteria and represent desirable demographic groups will be scheduled for an initial in-person interview to be held at contractor's main campus in Rockville, MD. Participants will be consented (in person) and a

follow-up interview using online software will be scheduled for each participant on the third day of the study.

Administration of the Instrument

1. How will you collect the information? (Check all that apply)

Web-based or other forms of Social Media

Telephone

In-person

Mail

Other, Explain:

2. Will interviewers or facilitators be used? Yes No

List of instruments, instructions, and scripts submitted with this request:

Attachment 1: Screening Questionnaire

Attachment 2: Moderator's Script—Day 1

Attachment 3: Moderator's Script—Day 3

Attachment 4: Consent Form