Questionnaire	Number of Items/Questions	Estimated Time to Administer
Basic Health Registry Form – includes scripts and consent/visit information, contact information, deployment/exposure details, a few demographic and general health questions, items about job status and race, exposures, deployment and 8 total questions about mental health from the PC-PTSD and PHQ-4.	81 total questions (includes pre and post deployment questions)	10 Minutes

RAPIDD Baseline Basic Health Registry Form

INTERVIEWER SCRIPT/PARTICIPANT INSTRUCTIONS

Hello, my name is [INSERT RESEARCHER/INTERVIEWER NAME] from [INSERT AGENCY/ORGANIZATION NAME]. We are collecting emergency and disaster related health information; this information is important to our research and other affected people. May I read you a consent statement, and then ask you some questions?

 \Box YES [CONTINUE SCRIPT AND QUESTIONNAIRE ADMINISTRATION] \Box NO [GO TO REFUSAL STATEMENT]

SCRIPT CONTINUED:

We are getting information from people who have been or are about to be exposed to [INSERT SPECIFIC EVENT OR DISASTER] so that we can collect information about their exposures and health. We will provide health information and offer referrals for services as necessary or as requested. You may also be contacted at a later date to see if you want to join other health, emergency or disaster studies. You are free to enroll in the registry or not; all study activities are completely voluntary. If you choose to enroll, we will ask questions about your health, feelings, experiences with [INSERT SPECIFIC EVENT OR DISASTER], or your experience preparing for [INSERT SPECIFIC EVENT OR DISASTER], employment, places you have been or things in your environment and how to contact you in the future. In total, this will take approximately [INSERT MINUTES/HOURS]. You can choose not to answer any questions that you are not comfortable with. All information will be kept confidential to the extent allowed by law and will be used for research purposes only. Please keep in mind that this study has no bearing on fitness for deployment and results will not be shared with your employer(s).

Is now a good time to conduct the interview?
☐ Yes [CONTINUE TO REVIEW OF CONSENT FORM]
□No
When would be a good time to conduct the interview?
Date://
Time of Day: :[AM/PM]
What is the best telephone number to reach you?
()

["INTERVIEWER, REVIEW IRB/OMB APPROVED CONSENT FORM WITH PARTICIPANT. BE SURE THAT ALL SIGNATURES, DATES AND CHECKBOXES ARE COMPLETED AND THAT THE PARTICIPANT'S QUESTIONS AND CONCERNS HAVE BEEN ADDRESSED BEFORE ADMINISTERING ANY QUESTIONNAIRES OR COLLECTING BIOLOGICAL SPECIMENS"]

REFUSAL STATEMENT:

Ok, thank you for your time. If you change your mind about participating, please contact [INSERT AGENCY/ORGANIZATION NAME AND CONTACT INFORMATION] for study details and enrollment information.

V4.0 (04/21/2015) Page 1 of 14

Study Visit Information: (Source: ATSDR Rapid Registry Form/NIEHS GuLF Oil Spill Study)
[INTERVIEWER NOTE: THIS SECTION TO BE COMPLETED BY INTERVIEWER ONLY]
[PROGRAMMER NOTE: AUTO-TIME STAMP AND PRE-POPULATE]
DID THE PARTICIPANT CONSENT TO THE RAPIDD REGISTRY VISIT? □YES □NO
[PROGRAMMER NOTE: IF "NO", DISPLAY MESSAGE= "RECORD CONSENT REFUSAL REASON IF PROVIDED AND END RAPIDD BASELINE REGISTRY BASIC CORE FORM ADMINISTRATION."]
[INTERVIEWER NOTE: IF "NO" RECORD CONSENT REFUSAL REASON IF PROVIDED AND END RAPIDD BASELINE REGISTRY BASIC CORE FORM ADMINISTRATION.]
IF "NO", RECORD REASON(S) FOR CONSENT REFUSAL: [FREE TEXT FIELD]
□NO REFUSAL REASON GIVEN/OBTAINED
[PROGRAMMER NOTE: IF "NO" TO CONSENT, BLOCK ALL FURTHER DATA ENTRY FOR THIS PAGE "STUDY VISIT INFORMATION.]
DISASTER EVENT CODE(S): [01 – HURRICANE, 02 – TORNADO, 03 – FLOOD ETC.]
DISASTER NAME AND DESCRIPTION: (i.e. Hurricane Katrina, 9/11, 2014 Oso Mudslide) [FREE TEXT]
RECORD CONSENT VERSION #:
[PROGRAMMER NOTE: ADD LOGIC CHECK FOR DATA ENTRY OF CONSENT VERSION #]
SITE/LOCATION[FREE TEXT]
INTERVIEWER INITIALS/ID: PARTICIPANT UNIQUE ID:

V4.0 (04/21/2015) Page 2 of 14

Registry and Contact Information: (Source: ATSDR Rapid Registry Form modified)

Participant Contact Information:

The first set of questions will ask you for your contact information and the contact information of a close friend or family member who can be contacted to reach you or in emergency situations. Please answer each question as completely as you can and to the best of your ability.

1. What is your full name? First
2. What is your sex? [INTERVIEWER NOTE: ASK ONLY IF NECESSARY OR NOT APPARENT] □ Male □ Female □ Not Determined □ Refused
3. What is your date of birth? - - _ [MM-DD-YYYY] □ Don't know □ Refused
4. How old are you? [INTERVIEWER NOTE: ASK ONLY IF PARTICIPANT RESPONDED "DON'T KNOW," OR "REFUSED" IN QUESTION 3] □ Don't Know □ Refused
5. What is your Social Security Number? (Your SSN will only be used to match our data to other health registries and will be kept confidential to the extent allowed by the law.) - - GO TO QUESTION 7] □ Don't Know [GO TO QUESTION 7] □ Refused [GO TO QUESTION 6]
[INTERVIEWER NOTE: IF PARTICIPANT REFUSED OR IS UNWILLING TO PROVIDE <u>FULL</u> SSN # ASK THE FOLLOWING]
[PROGRAMMER NOTE: IF "REFUSED" SELECTED, SHOW QUESTION 6; IF "DON'T KNOW" SELECTED, HIDE SSN FOLLOW UP QUESTION 6, GO TO QUESTION 7]
6. Would you be willing to provide the last 4 digits of your social security number instead? □Yes – enter last four digits of SSN#
7. What is your <u>home</u> address? [FREE TEXT] Street
City State[Enter state abbreviation] Zip □ Don't Know □ Refused

V4.0 (04/21/2015) Page 3 of 14

8. How many people live at this address, including yourself? □ □ □ □ □ □ □ □ 1 (I live at this address alone) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
9. What is the <u>best</u> telephone number to reach you? ()
10. Is this a home, work, or cell/mobile number? ☐ Home ☐ Work ☐ Cell/mobile ☐ Other ☐ Don't Know ☐ Refused
11. Do you have an email_address? □Yes, specify (i.e. JohnDoe@aol.com) [FREE TEXT]: □No □Don't Know □Refused
Close Friend/Relative Information:
12. Is there someone who <u>does not</u> live with you who can usually reach you? ☐Yes [GO TO QUESTION 14] ☐No [GO TO QUESTION 13] ☐Don't Know [GO TO QUESTION 13] ☐Refused [GO TO QUESTION 13]
13. Is there someone who <u>does</u> live with you who can usually reach you? ☐Yes [GO TO QUESTION 14] ☐No [GO TO QUESTION 20] ☐Don't Know [GO TO QUESTION 20] ☐Refused [GO TO QUESTION 20]
[PROGRAMMER NOTE: IF "NO", "DON'T KNOW", OR "REFUSED" SELECTED DO NOT DISPLAY ADDITIONAL "CLOSE FRIEND/RELATIVE" QUESTIONS 14-19; GO TO NEXT SECTION, QUESTION 20]
14. What is this person's full name? First
15. What is this person's relationship to you? (i.e., they are my aunt, father, friend, co-worker etc.) □ Specify [FREE TEXT]: □ Don't Know □ Refused

V4.0 (04/21/2015) Page 4 of 14

Basic Health Registry Form

[PROGRAMMER NOTE: IF ANSWER CHOICE "YES" IS SELECTED FOR QUESTION 13, DO NOT DISPLAY QUESTION 16 - IF QUESTION 16 IS PROGRAMMED TO BE VISIBLE, DISPLAY AS FOLLOWS]

16. What is (his/her) home address? [FREE TEXT] (ONLY FILL IN ADDRESS INFORMATION BELOW IF YOU

ANSWERED "YES" TO QUESTION 12. IF YOU ANSWERED "YES" TO QUESTION 13, PLACE A MARK IN
THE CHECKBOX BELOW "SAME AS MY ADDRESS") Street
Street
City
Zip
□ Don't Know
□Refused
\square Same as my address (ONLY SELECT THIS CHECKBOX IF YOU ANSWERED "YES" TO QUESTION 13)
17. What is the <u>best</u> telephone number to reach him/her? ()
□None
☐ Same as my/participant home phone
□Don't Know
□Refused
18. Is this a home, work, or cell/mobile number?
□Home
□Work
□ Cell/mobile
□Other
□ Don't know
□Refused
19. Does (he/she) have an <u>email</u> address? □Yes, specify (i.e. JohnDoe@aol.com) [FREE TEXT]: □No
□ Don't Know □ Refused
Demographics and Sociological Factors: (Sources: ERHMS, NHANES, NHEXAS)
The following questions gather some basic information about you and your lifestyle. This information is often used in scientific studies to compare groups of people who are similar. Please remember that all of the data you provide is held in strict confidence.
20. What is your employment status? Check all that apply. (Sources: WTC Adult Survey Wave 3 answer choices/ ATSDR RRR Survey question – modified)
□ Employed for <u>full-time</u> wages
□ Employed for <u>part-time</u> wages
☐ Unable to work because of health
□ Self-employed
□Out of work for 1 year or more
□Out of work for less than 1 year
Retired
□ On maternity or parental leave
□ Looking for work
□Student
□ Home maker
□Volunteer
□Refused
Other, specify [FREE TEXT]:

V4.0 (04/21/2015) Page 5 of 14

Basic Health Registry Form

□ American Indian or Alaska Native □ Asian □ Black or African American □ Native Hawaiian or Pacific Islander □ White □ Other, specify [FREE TEXT] □ Don't Know □ Refused
22. Do you consider yourself to be of Hispanic, Latin or Spanish origin? (Sources: EPA NHEXAS/NHANES 2013-2014) □Yes □No □Don't Know □Refused
23. Do you use tobacco in <u>any</u> form? ☐Yes ☐No ☐Don't Know ☐Refused
24. Do you drink alcohol in <u>any</u> form? ☐Yes ☐No ☐Don't Know ☐Refused
General Health (Source: ERHMS)
The following questions call should your questly health and reading biotomy. Places are your pash question to the heat
The following questions ask about your overall health and medical history. Please answer each question to the best of your ability.
of your ability. 25. Which of these describes your health, in general? Excellent Very Good Good Fair Poor Don't Know

V4.0 (04/21/2015) Page 6 of 14

Basic Health Registry Form

28. Do you have any medical conditions for which you are currently under the care of a physician? ☐Yes, please explain: [FREE TEXT]
□No □Refused
The next few questions will ask about your thoughts, feelings and behaviors and how an event may have impacted your emotions. Please answer each question to the best of your ability. There are no right or wrong answers.
Over the last 2 weeks, how often have you been bothered by the following problems? 29. Feeling nervous, anxious or on edge Not at all Several days More than half the days Nearly every day Refused
30. Not being able to stop or control worrying □Not at all □Several days □More than half the days □Nearly every day □Refused
31. Little interest or pleasure in doing things □Not at all □Several days □More than half the days □Nearly every day □Refused
32. Feeling down, depressed or hopeless Not at all Several days More than half the days Nearly every day Refused
<u>In your life</u> , have you <u>ever</u> had any experience that was so frightening, horrible, or upsetting that, in the <u>past month</u> , you:
33. Have had nightmares about it or thought about it when you did not want to? ☐Yes ☐No ☐Don't Know ☐Refused
34. Tried hard not to think about it or went out of your way to avoid situations that reminded you of it? ☐Yes ☐No ☐Don't Know ☐Refused
35. Were constantly on guard, watchful, or easily startled? ☐ Yes ☐ No ☐ Don't Know ☐ Refused

V4.0 (04/21/2015) Page 7 of 14

Basic Health Registry Form

36. Felt numb or detached form others, activities, or your surroundings? ☐ Yes ☐ No ☐ Don't Know ☐ Refused
Deployment Information (Sources: ERHMS Pre-Deployment Questionnaire, ATSDR Rapid Registry Form,
Department of Defense/Department of Homeland Security Post Deployment Form) The next few sections contain questions about deployments and exposure history. Answer each of these questions based on your knowledge and experiences. Please attempt to answer each question in as much detail as possible and to the best of your ability. For questions that may not apply to you, there will be instructions for when to skip those questions and where to go next.
37. Are you preparing to respond to [INSERT DISASTER EVENT], recently returning from responding to [INSERT DISASTER EVENT]? □ Preparing to respond to an event [GO TO QUESTION 38] □ Recently returning from an event [GO TO QUESTION 57] □ Currently in training to prepare for an event [GO TO QUESTION 38] □ Other, specify [free text]: □ Refused [END SURVEY]
[PROGRAMMER NOTE: IF "PREPARING TO RESPOND" OR "CURRENTLY IN TRAINING" ARE SELECTED, DISPLAY ONLY PRE-DEPLOYMENT QUESTIONS 38 – 56, BUT DO NOT DISPLAY POST-DEPLOYMENT QUESTIONS FOR DATA ENTRY. IF "RETURNING FROM AN EVENT" SELECTED, DISPLAY POST DEPLOYMENT QUESTIONS 57 – 81.]
Pre-Deployment Information
We would like to get as much information as possible from you about your upcoming deployment for/to [INSERT DISASTER EVENT].
38. Will you be exposed to [INSERT DISASTER EVENT] as: [Check all that apply] (Source: ATSDR Rapid Registry modified) ☐ A First responder or rescue worker (i.e. Firefighter, Police Officer, EMS) ☐ A Government official – Civilian or Military (i.e. State, Federal, County, City, Branch of Military) ☐ A Clean-up or disaster worker (i.e. Hazmat, Search and Rescue) ☐ Part of a non-governmental organization or as a site volunteer (i.e. the Red Cross) ☐ Other, specify [FREE TEXT] ☐ Don't Know ☐ Refused
39. Please provide your deployment site/job location (Modified ERHMS for time tense) [FREE TEXT]: □ Don't Know □ Refused
40. What is your <u>anticipated</u> date of deployment? (Modified ERHMS for time tense) - - _ _ [MM-DD-YYYY] □ Don't know □ Refused
41. What is your anticipated duration of deployment? (Modified EHRMS pre-deployment question; added answer choices)
Enter the number AND the unit of time (i.e. week, month, day, year etc.) _Hour(s)

V4.0 (04/21/2015) Page 8 of 14

□Day(s) □Week(s) □Month(s) □Year(s) □Don't Know □Refused
42. What will be your anticipated_duties during deployment? (Check all that apply) (Source: DHS) Search &Rescue Law Enforcement/Security Safety/Health Recovery Immigration Enforcement duties Operations Peer Support/Critical Incident Stress Management Medical/Health Care Other, specify [FREE TEXT]: Refused
43. Will your work responsibilities involve potential exposure to hazardous substances? (Modified ERHMS for time tense) □Yes, if known, specify which substances [FREE TEXT]: □No □Don't Know □Refused
44. Will there be a need for Personal Protective Equipment (PPE) use? (ERHMS, modified) □Yes □No [GO TO QUESTION 46] □Don't Know [GO TO QUESTION 46] □Refused [GO TO QUESTION 46]
45. If yes, what type of Personal Protective Equipment (PPE) will you wear? Check all that apply. (Source: DHS) Respirator - Please print type (e.g., disposable mask, half face reusable, full face, PAPR, SCBA etc.) [FREE TEXT] Face Shield Gloves Work Coveralls (e.g., Carhartt, Dickie's) Tyvek/Tychem (A full body disposable suit made from polyethylene fibers that protect you from possibly harmful chemicals and vapors.) Slicker Suit (Rain) Insect repellent applied to skin (i.e. DEET) Pesticide treated clothing/uniforms Steel toed construction shoes Rubber Boots/Waders Goggles / Glasses (does not include non-commercial sunglasses or prescription eyeglasses) Hearing Protection (i.e. ear plugs/muffs) Hard hat Other, specify: [FREE TEXT]
46. How many <u>total</u> deployments have you had in the past <u>5 years</u> ? (Source: DOD) □0 or none □1 □2 □3 □4

V4.0 (04/21/2015) Page 9 of 14

□5 or more
□Don't Know
Refused

Pre-Deployment Exposures and Past History of Exposure (Source: ERHMS)

In your <u>iob</u>, have you <u>ever</u> been exposed to any of the following chemicals or work conditions? DK = Don't Know

Chemical/Condition	Select Answer Choice:			
47. Dust?	□Yes	□No	□DK	□Refused
48. Fumes?	□Yes	□No	□DK	□Refused
49. Gases?	□Yes	□No	□DK	□Refused
50. Carbon Monoxide?	□Yes	□No	□DK	□Refused
51. Cement Dust?	□Yes	□No	□DK	□Refused
52. Chemicals/Solvents?	□Yes	□No	□DK	□Refused
53. Blood/Body Fluids?	□Yes	□No	□DK	□Refused
54. Sewage (Raw/Untreated)?	□Yes	□No	□DK	□Refused
55. Smoke/Fire?	□Yes	□No	□DK	□Refused
56. Other exposure? Specify [FREE TEXT]	□Yes	□No	□DK	□Refused

[STOP! END PRE-DEPLOYMENT QUESTIONS HERE. IF YOU HAVE NOT YET BEEN DEPLOYED TO {INSER DISASTER EVENT} AND OR ARE IN TRAINING, THE QUESTIONNAIRE ENDS HERE AND YOU ARE FINISHED]

Post-Deployment Information

The next few sections contain questions about deployments and exposure history. Answer each of these questions based on your knowledge and experiences. Please attempt to answer each question in as much detail as possible and to the best of your ability. For questions that may not apply to you, there will be instructions for when to skip those questions and where to go next.

57. Were you exposed to [INSERT DISASTER EVENT]as: (Check all that apply) (Source: Modified ATSDR Rapid Registry form question)
Registry form question) ☐ A First responder or rescue worker (i.e. Firefighter, Police Officer, EMS)
☐ A Government official – Civilian or Military (i.e. State, Federal, County, City, Branch of Military)
☐ A Clean-up or disaster worker (i.e. Hazmat, Search and Rescue)
☐ Part of a non-governmental organization or as a site volunteer (i.e. the Red Cross)
☐ Other, specify [FREE TEXT]
□Don't Know
□Refused
58. Please provide your deployment site/job location (Source: Modified ERHMS for time tense)
[FREE TEXT]:
□Don't Know
□Refused

V4.0 (04/21/2015) Page 10 of 14

Basic Health Registry Form

59. What was the date of your deployment? (Source: Modified ERHMS for time tense) - - [MM-DD-YYYY] □ Don't know □ Refused
60. What was the duration of your deployment? (Source: Modified EHRMS pre-deployment question; added answe choices)
Enter the number AND unit of time (i.e. week, month, day, year etc.) Hour(s) Day(s) Week(s) Month(s) Year(s) Don't Know Refused
61. What were your duties during deployment? (Check all that apply) (Source: DHS) Search &Rescue Law Enforcement/Security Safety/Health Recovery Immigration Enforcement duties Operations Peer Support/Critical Incident Stress Management Medical/Health Care Other, specify [FREE TEXT]:
62. Did your work responsibilities involve potential exposure to hazardous substances? (Source: Modified ERHMS for time tense) □Yes, if known, specify which substances [FREE TEXT]: □No □Don't Know □Refused
63. Was there a need for Personal Protective Equipment (PPE) use? (ERHMS, modified) □Yes □No [GO TO QUESTION 65] □Don't Know [GO TO QUESTION 65] □Refused [GO TO QUESTION 65]

V4.0 (04/21/2015) Page 11 of 14

Basic Health Registry Form

64. If yes, what type of Personal Protective Equipment (PPE) did you wear? Check all that apply.(Source: DHS/Gu On Shore exposure Assessment)
Respirator - Please print type (e.g., disposable mask, half face reusable, full face, PAPR, SCBA etc.)
[FREE TEXT]
□ Face Shield
Gloves
Work Coveralls (e.g., Carhartt, Dickie's)
☐ Tyvek/Tychem (A full body disposable suit made from polyethylene fibers that protect you from possibly harmful chemicals and vapors.)
□Slicker Suit (Rain)
□Insect repellent applied to skin (i.e. DEET)
□ Pesticide treated clothing/uniforms
□Steel toed construction shoes
□Rubber Boots/Waders
☐ Goggles / Glasses (does not include non-commercial sunglasses or prescription eyeglasses)
☐ Hearing Protection (i.e. ear plugs/muffs)
☐ Hard hat
□Other, specify: [FREE TEXT]
□Don't Know
□Refused
Post- Deployment Exposure Information (Source: ATSDR RRR)
The next few questions ask about activities you may have been involved in, locations you may have visited and exposures that may have occurred or that you may have experienced <u>during or after</u> your deployment for/to [INSERT RELEVANT DISASTER].
65. Were you near or at the [DISASTER EVENT] site when the event started?
□Yes
□No [GO TO QUESTION 68]
□Don't Know [GO TO QUESTION 68]
□Refused [GO TO QUESTION 68]
[PROGRAMMER NOTE: IF "NO," 'DON'T KNOW" OR "REFUSED," SKIP QUESTIONS 66-67 AND DISPLAY
QUESTION 73.]
66. At the start of the [DISASTER EVENT] on [DATE] at [TIME], at what address were you? [FREE TEXT]
□Don't Know
□Refused
67. At the start of the [DISASTER EVENT], were you (check all that apply):
☐ Inside a building or structure
☐ Inside a car or other vehicle
□Outside
□At some other location, specify: [FREE TEXT]
□ Don't Know
□Refused

V4.0 (04/21/2015) Page 12 of 14

Basic Health Registry Form

68. As a result of the [DISASTER EVENT], did you get injured or become iii?
□Yes, describe: [FREE TEXT]
□ Don't Know
□Refused
69. Did you require medical attention <u>during</u> your deployment? (Source: DHS)
□Yes, describe: [FREE TEXT]
□No/Not applicable
□ Don't Know
□Refused
70. Before the [DISASTER EVENT], did you have any of the following conditions? (check all that apply)
□ Chronic illness
□ Physical disability
□ Other disability, specify: [FREE TEXT]
□None [GO TO QUESTION 72]
□ Don't Know [GO TO QUESTION 72]
□ Refused [GO TO QUESTION 72]
71. Please describe your condition: [FREE TEXT]
Refused

V4.0 (04/21/2015) Page 13 of 14

Basic Health Registry Form

Post Deployment Exposure Information (Continued):

The next few questions will ask about a chemical or work condition that you may have been exposed to <u>during your</u> <u>deployment</u> to [INSERT DISASTER EVENT]. To the best of your ability, please answer in as much detail as possible about your experience(s). DK = Don't Know, NA = Not Applicable.

Which of the following chemicals and or work conditions applied to you?	Answer choice(s)	What was the length of your exposure to this chemical or condition? Please report the number of days.	What type of protection did you use with this exposure? And what percentage (%) of the time did you wear protective equipment with this exposure? (e.g., gloves – 50%, respirator - 100%)
72. Dust?	□Yes □No □DK □ Refused	<u> </u> Days □DK □Refused	□DK □Refused
73. Fumes?	□Yes □No □DK □ Refused	<u> </u> Days □DK □Refused	□DK □Refused
74. Gases?	□Yes □No □DK □ Refused	_ Days □DK □Refused	□DK □Refused
75. Carbon Monoxide?	□Yes □No □DK □ Refused	_ Days	□DK □Refused
76. Cement Dust?	□Yes □No □DK □ Refused	_ Days □DK □Refused	□DK □Refused
77. Chemicals/Solvents?	□Yes □No □DK □ Refused	_ Days	□DK □Refused
78. Blood/Body Fluids?	□Yes □No □DK □ Refused	_ Days □DK □Refused	□DK □Refused
79. Sewage (Raw/Untreated)?	□Yes □No □DK □ Refused	_ Days □DK □Refused	□DK □Refused
80. Smoke/Fire?	□Yes □No □DK □ Refused	_ Days	□DK □Refused
81. Other exposure? Specify, [FREE TEXT]	□Yes □No □DK □Refused □NA	_ Days □DK □Refused	□DK □Refused

[END RAPIDD BASELINE QUESTIONNAIRE BASIC REGISTRY CORE FORM]

V4.0 (04/21/2015) Page 14 of 14