



HARVARD

Human Research Protection Program

Harvard T.H. Chan School of Public Health
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Notification of Continuing Review Approval

May 2, 2019

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Protocol Title: Exposure Disparities Related to Resident Behavior and Housing Characteristics
Principal Investigator: Gary Adamkiewicz
Protocol #: IRB15-1756
Submission #: CR15-1756-04
Funding Source: NIH/NIMHD- 5P50MD010428-04REVISED (Active); Environmental Protection Agency- 83615601 (Active)
Review Date: 5/2/2019
CR Effective Date: 6/1/2019
Expiration Date: 5/31/2020
IRB Review Type: Expedited
IRB Review Action: Approved

The Institutional Review Board (IRB) of the Harvard T.H. Chan School of Public Health has approved this Continuing Review. **Please note that the approval for this protocol will lapse on 5/31/2020.**

This approval includes the following:

- Continuing Review Application, CR15-1756-04
 - Summary of Study Progress_05-02-19.doc
 - CRESSH_Y4_RPPR.pdf
 - EPA Annual Report_Web Summary_Year4_Final.pdf
- IRB Protocol: ExposureDisparities_Research-Protocol_clean_08-29-18.doc (20)
- Consent Form: ExposureDisparities_Consent-Form_air quality_clean_04-19-18.pdf (Version 5/04-19-18)
- Consent Form: ExposureDisparities_ConsentForm_sleep2_clean_04-19-18.pdf (Version 5/04-19-18)
- Consent Form: ExposureDisparities_ConsentForm_sleep1_clean_4-19-18.pdf (Version 6/04-19-18)
- Recruitment Materials: ExposureDisparities_ScreeningQuestionnaire_clean_07-30-18.pdf (Version 4/07-30-18)



- Recruitment Materials: ExposureDisparities_ Interested Resident Contact Information_ 7-6-17.pdf (Version 1/07-06-17)
- Recruitment Materials: ExposureDisparities_ Recruitment Email_ 08-07-17.pdf (Version 1/08-14-17)
- Recruitment Materials: ExposureDisparities_ FAQs_ clean_ 04-19-18.pdf (Version 3/04-19-18)
- Recruitment Materials: ExposureDisparities_ ParticipantPostcard_ clean_ 02-02-17.pdf (Version 2/02-02-17)
- Recruitment Materials: ExposureDisparities_ Social Media Recruitment Text_ clean_ 08-07-17.pdf (Version 2/08-14-17)
- Recruitment Materials: ExposureDisparities_ RecruitmentScript_ clean_ 03-10-17.pdf (Version 4/03-10-17)
- Recruitment Materials: ExposureDisparities_ RecruitmentFlyer_ clean_ 06-28-17.pdf (Version 6/06-28-17)
- Other: ExposureDisparities_ Consent Language for community meeting_ clean_ 08-07-18.docx (Version 2/08-07-18)
- Study Instrument/Tools: ExposureDisparities_ Follow-up Questionnaire (Dorchester)_ tracked changes_ 12-18-17.pdf (Version 3/12-18-17)
- Study Instrument/Tools: ExposureDisparities_ Sampling Pick-up Questionnaire_ clean_ 4-26-16.pdf (Version 2/04-26-16)
- Study Instrument/Tools: ExposureDisparities_ Follow-up Respondent booklet (Dor)_ tracked changes_ 12-18-17.pdf (Version 1/12-18-17)
- Study Instrument/Tools: ExposureDisparities_ BaselineQuestionnaire (Dorchester)_ clean_ 06-28-17.pdf (Version 1/06-28-17)
- Study Instrument/Tools: ExposureDisparities_ Study Visual Inspection Tool_ clean_ 7-29-16.pdf (Version 4/07-29-16)
- Study Instrument/Tools: ExposureDisparities_ Sleep Diary2_ clean_ 08-31-17.pdf (Version 1/08-31-17)
- Study Instrument/Tools: ExposureDisparities_ BaselineQuestionnaire_ clean_ 11-3-16.pdf (Version 5/11-3-16)
- Study Instrument/Tools: ExposureDisparities_ Sleep Diary_ 02-02-17.pdf (Version 1/02-03-17)
- Study Instrument/Tools: ExposureDisparities_ Follow-up Questionnaire (Dorchester)_ clean_ 12-18-17.pdf (Version 3/12-18-17)
- Study Instrument/Tools: ExposureDisparities_ Bedroom Schematic with key_ clean_ 11-03-17.pdf (Version 2/11-03-17)
- Study Instrument/Tools: Exposure Disparities_ End of Meeting Discussion Guide_ 7-31-18.pdf (Version 1/07-31-18)
- Study Instrument/Tools: ExposureDisparities_ Follow-up Respondent booklet (Dor)_ clean_ 12-18-17.pdf (Version 1/12-18-17)
- Study Instrument/Tools: ExposureDisparities_ Follow-up Study Visual Inspection Tool_ 12-19-16.pdf (Version 1/12-19-16)
- Study Instrument/Tools: ExposureDisparities_ Sleep Environmental Audit_ clean_ 11-03-17.pdf (Version 3/11-03-17)



Additionally, the IRB has reviewed the following documents:

- Ancillary Approvals/Permissions: Catalyst Reliance Document_FW_ID 2836_Johnson_Determination of Single IRB Review of Multi-site Research.pdf (Version 1/02-02-17)
- Other: SMART IRB Adamkiewicz_1017_Determination Letter.pdf (0.01)
- Individual Investigator Agreement (IIA): IIA for John Walkey and Rosie Bongiovanni - SIGNED.pdf (0.01)
- IRB Authorization Agreement (IAA) Request: IAA HSPH IRB15-1756 BUMC H-35417_8-3-2016.pdf (0.01)
- Other: Level 3 worksheet approval email_7-13-17.pdf (0.01)
- Other: HSPH_level_3_worsheet IRB Protocol Number 15-1756_approved by IT_7-13-17.xls (1)
- Other: NIH K Research Strategy_D.Johnson.pdf (0.01)
- Other: K01 sleep study DSM Plan_clean_07-05-17.docx (1)
- Other: K01 sleep study DSMB_06-28-17.docx (1)
- Other: ExposureDisparities_Sleep Clinic List_07-05-17.docx (Version1/07-05-17)
- Other: ExposureDisparities_Sleep Env Audit respondent booklet_clean_06-28-17.docx (Version 2/06-28-17)
- Other: ED_Follow-up letter for results questionnaire_08-28-18.docx (Version 1/08-28-18)
- Other: ExposureDisparities_Daily Activity Log_clean_7-29-16.docx (Version 2/07-29-16)
- Other: ExposureDisparities_Respondent booklet_clean_12-19-16.docx (Version 4/12-19-16)
- Other: K01 sleep study Recruitment & Retention_clean_07-5-17.docx (1)
- Other: ExposureDisparities HOME Report Back Template_6-15-18_Final.pub (Version2/7-30-18)
- Other: ExposureDisparities_Feedback Letter_clean_06-28-17.doc (3/06-28-17)
- Other: ExposureDisparities_Baseline Q (Dor) Respondent booklet_clean_06-28-17.docx (Version 1/06-28-17)
- Other: ExposureDisparities_GPS Participant Guidelines_6-28-16.docx (Version1/6-28-16)
- Other: Philips Spectrum Actigraph_Terms of Service.pdf (Version1/02-07-17)
- Other: ExposureDisparities_Activity Participant Instructions_clean_06-28-17.doc (Version 2/06-28-17)
- Other: Exposure Disparities_Report Back Evaluation Voicemail Script_Eng and Span_7-31-18.docx (Version 1/07-31-18)
- Other: ExposureDisparities_SaveTheDatePostcard_06-14-18_English.docx (1/06-14-18)
- Other: ExposreDisparities_Dorchester Resource Guide_clean_04-04-18.docx (Version 2/4-04-18)
- Other: ExposureDisparities_Healthy Home tip sheet_4-26-16.docx (Version 1/04-26-16)
- Other: Exposure Disparities_Report Back Community Meeting Agenda Template_8-01-18.docx (Version 1/08-01-18)



- Other: ExposureDisparities_Chelsea Resource Packet_clean_06-12-17.docx (4)
- Translation Attestation Form: Translation Attestation_6-29-2017.pdf (Version 7/06-29-17)

The IRB is in receipt of the following documents:

- Foreign Language Documents:
 - ExposureDisparities_Follow-up Questionnaire (Dor)_Spanish_clean_12-18-17.pdf (Version 1/12-18-17)
 - ExposureDisparities_Chelsea Resource Packet_Spanish_clean_06-12-17.pdf (3)
 - ExposureDisparities_BaselineQuestionnaire_Spanish_clean_11-3-16.pdf (Version 2/11-3-16)
 - ExposureDisparities_RecruitmentFlyer_Spanish_clean_06-28-17.pdf (Version 3/06-28-17)
 - ExposureDisparities_RecruitmentScript_Spanish_06-28-17.pdf (Version 1/06-28-17)
 - ExposureDisparities_Feedback Letter_Spanish_06-28-17.pdf (Version 1/06-28-17)
 - ExposureDisparities_ScreeningQuestionnaire_Spanish_clean_7-30-18.pdf (Version 3/07-30-18)
 - ExposureDisparities_Consent Form_air quality_clean_Spanish_06-12-18.pdf (Version 4/06-12-18)
 - Vietnamese Study Instruments_12-19-17.pdf (Version 3/12-18-17)
 - Exposure Disparities_Report Back Community Meeting Agenda Template_Spanish_8-6-18.pdf (Version 1/08-06-18)
 - ExposureDisparities_Sleep Clinic List_Spanish_09-18-17.pdf (Version 1/09-18-17)
 - ExposureDisparities_Baseline Q (Dor) Respondent booklet_Spanish_clean_06-28-17.pdf (Version 1/06-28-17)
 - ExposureDisparities_ParticipantPostcard_Spanish_02-02-17.pdf (Version 2/02-02-17)
 - ExposureDisparities_Sleep Environmental Audit_Spanish_11-03-17.pdf (2)
 - ExposureDisparities_Activity Participant Instructions_Spanish_06-28-17.pdf (Version 1/06-28-17)
 - ExposureDisparities_Dorchester Resource Guide_VI_9-18-17.pdf (Version 1/09-18-17)
 - ExposureDisparities_Sampling Pick-up Questionnaire_Spanish_8-17-16.pdf (Version 1/08-17-16)
 - ExposureDisparities_ConsentForm_sleep1_clean_Spanish_06-12-18.pdf (Version 4/06-12-18)
 - ExposureDisparities_Respondent booklet_Spanish_12-19-16.pdf (Version 2/12-19-16)
 - ExposureDisparities_Sleep Diary2_Spanish_11-03-17.pdf (Version 1/11-03-17)
 - ExposureDisparities_DorchesterResourceGuide_Spanish_clean_06-12-18.pdf (Version 2/06-12-18)



- Exposure Disparities_End of Meeting Discussion Guide_Spanish_8-6-18.pdf (Version 1/08-06-18)
- ExposureDisparities_SaveTheDatePostcard_06-14-18_Spanish.pdf (1/06-14-18)
- Vietnamese Consent & Recruitment Materials_11-03-17.pdf (Version 3/11-03-17)
- ExposureDisparities_Daily Activity Log_Spanish_8-17-16.pdf (Version 1/08-17-16)
- ExposureDisparities_Sleep Diary_Spanish_06-28-17.pdf (Version 1/06-28-17)
- ExposureDisparities_FAQ_clean_Spanish_06-12-18.pdf (Version2/06-12-18)
- ExposureDisparities_Baseline Questionnaire (Dorchester)_Spanish_clean_06-28-17.pdf (Version 1/06-28-17)
- ExposureDisparities_Follow-up Respondent booklet (Dor)_Spanish_clean_12-18-17.pdf (Version 2/12-18-17)
- ExposureDisparities_ConsentForm_sleep2_Spanish_clean_06-12-18.pdf (Version 3/06-12-18)
- ExposureDisparities_Healthy Home tip sheet_Spanish_6-12-17.pdf (1)
- ExposureDisparities_Consent Language for community meeting_Spanish_clean_08-07-18.pdf (Version 2/08-07-18)
- ED_Follow-up letter for results questionnaire_Spanish_08-28-18.pdf (Version 1/08-28-18)
- ExposureDisparities_GPS Participant Guidelines_Spanish_11-3-16.pdf (Version 1/11-3-16)
- ExposureDisparities_RecruitmentScript_Spanish_clean_02-02-17.pdf (Version 02-02-17)
- ExposureDisparities_Sleep Env Audit respondent booklet_Spanish_06-28-17.pdf (Version 1/06-28-17)

The IRB made the following determinations:

- Risk Determination: No greater than minimal risk
- Research Information Security Level: The research is classified, using Harvard's Data Security Policy, as Level 3 Data.

If you have any questions, please contact me at 617-432-2160 or acastro@hsph.harvard.edu.

Sincerely,

Alma Castro, MA, CIP
IRB Review Specialist