

# MU eCompliance

## IRB #2100202 MU

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Project number	2100202
Principal investigator	Song, Xing
Project title	Class projects for Health Management Informatics Topic class (7001) - secondary use of electronic health records
Project status	
App. status	Acknowledged
App. approved	01/17/2024
Expiration date	

January 17, 2024 📧

To	xsm7f@missouri.edu
Subject	IRB Determination Notice Project #2100202 Review #403069
<p>Project #2100202 Project Title: Class projects for Health Management Informatics Topic class (7001) - secondary use of electronic health records Principal Investigator: Xing Song Primary Contact: Xing Song</p> <p>Dear Investigator,</p> <p>The MU Institutional Review Board reviewed your application and supportive documents. It has been determined that this project does not constitute human subjects research according to the Department of Health and Human Services regulatory definitions. As such, there are no further IRB requirements.</p> <p>In addition, students in a class are not required to submit to the IRB for activities they are doing for coursework. There is no need to add your students to this HSR form.</p> <p>If you have questions, please feel free to contact the MU IRB office at 573-882-3181 or email at <a href="mailto:muresearchirb@missouri.edu">muresearchirb@missouri.edu</a>.</p> <p>Sincerely,</p> <p>MU Institutional Review Board</p>	

January 17, 2024 📧

<b>To</b>	xsm7f@missouri.edu
<b>Subject</b>	IRB Received Notice Project #2100202 Review #403069
<p>Project #2100202 Review #403069 Project Title: Principal Investigator: Xing Song Primary Contact: Xing Song</p> <p>The IRB is in receipt of the Human Subjects Research Determination Form (Including QI Projects) submitted by Song, Xing. The IRB office will be working directly with the submitter to ensure a complete submission for IRB review. The PI (if not the submitter) will also be copied if they requested to be copied on all IRB communications.</p> <p>Thank you, MU Institutional Review Board Office: 573-882-3181 Fax: 573-884-4401 Email: muresearchirb@missouri.edu</p>	

# IRB #2100202 MU

## Human Subjects Research Determination Form (Including QI Projects) #403069

Submission date: 01/17/2024

Submitted by: Song, Xing

### 1. Human Subjects Research Determination

#### 1. Project Investigators

Role	Investigator	Department	Consent personnel role	Primary contact	Truman VA Hospital personnel
Principal Investigator	Song, Xing	Biomed Informatics Biostat EPI		<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### 2. Contact Information

##### Principal investigator

Song, Xing	
Job title	PROF, AST
Department	Biomed Informatics Biostat EPI
Division	Medicine
Business unit	University of MO-Columbia

##### Primary contact

Song, Xing	
Job title	PROF, AST
Department	Biomed Informatics Biostat EPI
Division	Medicine
Business unit	University of MO-Columbia

#### 3. Project Title:

Class projects for Health Management Informatics Topic class (7001) - secondary use of electronic health records

#### 4. Describe the purpose of your project.

Note: If you are using an investigational invitro diagnostic device on biospecimens, you must complete the IRB application, even if the biospecimens are unidentified.

We want to leverage real-world healthcare dataset (de-identified) to support multiple class projects for the HMI7001 topic class on "secondary use of electronic health records" offered in 2024 Spring semester.

#### 5. What do you intend to do with the data collected?

We will use the de-identified EHR database (NextGen Precision Health Research Data Lake, IRB2072551) to support multiple class projects for the HMI7001 topic class on "secondary use of electronic health records"

offered in 2024 Spring semester. Students will practice their data collection, wrangling and analytical skills learned in class by working on multiple assigned projects related to real-world healthcare problems.

## 6. Quality Improvement Activities VS Human Subject Research Determination

- A. Do you consider the activities you will perform to be Quality Improvement instead of human subject research?

If yes, you will be prompted with additional questions.

☐ Yes ☒ No

## 7. De-Identified Biospecimens and/or Information

- A. Does this project involve analyzing de-identified, secondary information?

☒ Yes ☐ No

- B. Is this a dataset requiring a contract or other data use agreement to be in place (and potentially an IRB approval)?

Typically datasets requiring a contract or other data use agreement have the potential for identification making the dataset not truly “de-identified”.

If yes to this question, you can stop here and not submit this form. You will need to submit, at minimum, the IRB application for an exemption under category 4 if it applies. However, if it's part of a federally funded, multi-site expedited or full board study, and we are not the IRB of Record, you should contact our office to discuss a reliance agreement and not continue this form.

☐ Yes ☒ No

- C. Does the project involve analyzing de-identified biospecimens (and possibly corresponding de-identified health information) obtained through pathology, an MU associated repository, or another source?

☐ Yes ☒ No

### D. Identifiers

Select all potential identifiers that may be accessed and/or included in the research records for the study.

- ☐ Names
- ☐ Dates
- ☐ Postal Addresses
- ☐ Phone Numbers
- ☐ Fax Numbers
- ☐ Email Addresses
- ☐ Social Security Numbers
- ☐ Medical Record Numbers
- ☐ Health Plan Numbers
- ☐ Account Numbers
- ☐ License or Certificate Numbers
- ☐ Vehicle ID Numbers

- ☐ Web URLs
- ☐ IP Addresses
- ☐ Biometric Identifiers
- ☐ Facial Photos or Images
- ☐ Any other unique identifier
- ☒ No identifiers (none of the above apply)

E. Does the study involve analyzing de-identified information that will be de-identified by a third party unrelated to the research?

☐ Yes ☒ No

F. Describe the de-identification process including (a) information about how these data or biospecimens are already publicly or commercially available in de-identified form, OR (b) what process a third-party has available to provide the information or biospecimens in a de-identified form.

The de-identified data will be accessed from the de-identified copy of the MU School of Medicine's research data warehouse (or NextGen Precision Health Research Data Lake, IRB2072551) . No identified information (defined by HIPAA) will be accessed by the research team.

## 8. DHHS Human Subject Research

A project falls under DHHS regulations if it is research and involves human subjects. The questions below will assist in making this determination.

A. Is the project a systematic investigation, including research development, testing and evaluation, designed to develop or contribute to generalizable knowledge?

This is the DHHS definition of research. MU defines a "systematic investigation" as an activity that involves a prospective plan that incorporates data collection, either quantitative or qualitative, and data analysis to answer a question. MU defines "generalizable knowledge" as those designed to draw general conclusions, inform policy, or generalize findings beyond a single individual or an internal program.

☒ Yes ☐ No

B. Human Subject

The following questions break down this definition to assist in making this determination.

i. Will investigators conduct research about living individuals?

"About" means the information and/or biospecimens collected must be about the living individuals. It may not necessary to obtain IRB approval if the study is about a particular policy, agency, program, technology, technique, or best practice. If information collected is not about the human subject themselves, but rather about an external topic, then it doesn't meet the definition of human subject including "...about whom..".

☒ Yes ☐ No

ii. Will you obtain information or biospecimens through intervention or interaction with the individual, and use, study, or analyze the information or biospecimens?

**Intervention** includes both physical procedures by which information or biospecimens are gathered (e.g. venipuncture) and manipulations of the subject or the subject's environment that are performed for research purposes. **Interaction** includes communication or interpersonal contact between investigator and subject.

☐ Yes ☒ No

iii. Will you obtain identifiable private information or biospecimens?

**Private information** includes information about behavior that occurs in a context in which an individual can reasonably expect that no observation or recording is taking place, and information which has been provided for specific purposes by an individual and which the individual can reasonably expect will not be made public (for example, a medical record). **Identifiable private information or biospecimens** is when the identity of the subject is or may be readily ascertained by the investigator or associated with the information or biospecimen.

☐ Yes ☒ No

Note: If you marked yes to (A) research and yes to (i) living human subjects and yes to (ii) and/or (iii), the activity is human subjects research requiring an IRB application. Please exit this form and complete the IRB Application under IRB Forms.

C. The following activities have been deemed NOT human subject research. Please select from any of the following if it applies to the proposed activities:

- ☐ **Publicly or commercially available information/data** with no restrictions on the use of the information.
- ☐ **Publicly or commercially available biospecimens** with no restrictions on the use of biospecimens.
- ☐ **Public health surveillance activities**, including the collection and testing of information or biospecimens, conducted, supported, requested, ordered, required, or authorized by a public health authority. Such activities are limited to those necessary to allow public health authority to identify, monitor, assess, or investigate potential public health signals, onsets of disease outbreaks, or conditions of public health importance (including trends, signals, risk factors, patterns in diseases, or increases in injuries from using consumer products). Such activities include those associated with providing timely situational awareness and priority setting during the course of an event or crisis that threatens public health (including natural or man-made disasters).
- ☐ Collection and analysis of information, biospecimens, or records by or for **criminal justice agency** for activities authorized by law or court solely for criminal justice or criminal investigative purposes.
- ☐ Authorized operational activities (as determined by each federal agency) in support of **intelligence, homeland security, defense, or other national security missions**.
- ☐ **Scholarly and journalistic activities focused on a person/family/group** (e.g. oral history, journalism, biography, literary criticism, legal research, and historical scholarship), including the collection and use of information, that focus directly on the specific individuals about whom the information is collected.

## 9. FDA Human Subject Research - Clinical Investigations

A project falls under FDA regulations if it is research and involves human subjects. The questions below will assist in making this determination.

A. Does the project involve a test article regulated by the FDA?

A test article is any product that is regulated by the FDA, including: food, dietary supplements, infant formulas, food and color additives, drugs for human use, medical devices for human use, biological products for human use, or certain electronic products used for human health care.

☐ Yes ☒ No

**NOTE: Registered Nurses as PI or Co-I** : If you are a Registered Nurse and Employee of MU Health Care, please contact Renae McIntosh, Coordinator of EBP and Nursing, for additional information regarding MU Health Care project tracking at [mcintoshr@health.missouri.edu](mailto:mcintoshr@health.missouri.edu).

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