

**Department of Electrical Engineering & Computer Science**

**University of Central Florida**

**4000 Central Florida Blvd, Orlando, FL 32816**

**Project title:**  Sharing smart home devices: From the perspective of AirBnB hosts​

**Principal Investigator:** Rajib Dey, PhD student, University of Central Florida  
**Co-Investigator:** Sayma Sultana, PhD Student, University of Central Florida

**Faculty Co-investigator:** Dr. Pamela Wisniewski, Assistant Professor, University of Central Florida  
Director, Socio-Technical Interaction Research lab (STIR lab) [https://stirlab.org](https://stirlab.org/)

You are invited to participate in a research study.  Participation in this research study is voluntary. The information provided is to help you decide whether or not to participate.  If you have any questions, please ask.

**Important Information You Need to Know**

* We are students of Human Computer Interaction Research course are conducting this study.   
  The purpose of our study is to understand how AirBnB hosts are using smart home (IoT devices e.g. smart doorbell, smart camera, voice assistant) devices at their home. Our study will broaden the knowledge about the benefits, concerns and demands of the hosts regarding the use of smart home devices at their property.
* You will be asked to participate in an individual phone interview.
* If you choose to participate it will require a total of 20 minutes of your time.
* The study will not result in any known risks to you; there may be risks unknown at present.
* There is no known benefits to participants.
* If you choose not to participate, we will not initiate the call and delete your contact information.

Please read this form and ask any questions you may have before you decide whether to participate in this research study.

**Why are we doing this study?**

Our study aims at understanding the current situation of AirBnB hosts who are using smart home devices. We want to know which devices they are using most, what the benefits, concerns and demands are regarding the use of those devices. As share economy and smart home devices both have been pervasive in recent time, this study will help us know about the context of their intersection. We have chosen AirBnB as we have found it as the most popular site for sharing homes and properties. We are not related to AirBnB or any kind of share economy or smart home device company.

**Why are you being asked to be in this research study?**

You are being asked to be in this study because you are 18 years old, live in USA and your home or property is listed in AirBnB site for renting.

**What will happen if I take part in this study?**

If you choose to participate in this study, you will be asked to complete a web based survey and then we may schedule a phone call interview with you based on your response to the survey. You will then be asked a set of questions during a recorded phone interview. These questions revolve around your experience with advantages, disadvantages, specific need or demand for using smart home devices you use at your home. We will record the interview (with your permission) so that we may analyze your answers and explanations.

You time commitment will be about 20 minutes for the entire study.

**What benefits might I experience?**

You will not benefit directly from being in this study.  However, others might benefit because the study will help understand how smart home devices are being used in share economies. Which should guide future smart home device designers to develop friendlier designs for future smart home devices that will be used by share economy hosts.

**What risks might I experience?**

The study will not result in any known risks to you. We will remove your contact and any identifying information right after we send you the compensation. Your study data will be stored with a random id, so that it cannot be tracked back to you. Your interview data will be kept confidential from others, except for the research investigators.

**How will my information be protected?**

We plan to publish the results of this study.  To protect your privacy we will not include any information that could identify you. Any information about your participation that is collected by us will be completely confidential.  The following steps will be taken to ensure this confidentiality:

Your interview and your survey response will labeled with random participants id. The generated id will not have any relation to your real identity. We will have a separate linkage file that contains the participant’s id and their email and name. This file will be stored in a password protected location. Participant identifying information that is stored in the linkage file (email and name) will be removed once interview is conducted and compensation is sent for that particular participant. The interview recording will be deleted once the transcription is complete. All the other unidentifiable data will be destroyed after 5 years. All the recorded data will be password protected and only available to study investigators.

Other people may need to see the information we collect about you.  Including people who work for UCF, and other agencies as required by law or allowed by federal regulations.

**How will my information be used after the study is over?**

After this study is complete, study data may be shared with other researchers for use in other studies without asking for your consent again or as may be needed as part of publishing our results.  The data we share will NOT include any information that could identify you.

There still may be a chance that someone could figure out that the information is about you.

**Will I receive an incentive for taking part in this study?**

Upon completion (15 minute minimum), you will be compensated with a $10 Amazon.com gift card. If you withdraw from the study prior to 20 minutes, you will not be provided with a gift card. The gift card will be sent within a maximum of 1 week of study completion in your email address.

**What are my rights if I take part in this study?**

It is up to you to decide to be in this research study. Participating in this study is voluntary. Even if you decide to be part of the study now, you may change your mind and stop at any time. You do not have to answer any questions you do not want to answer. If you with withdraw we will remove your recording and all contact information.

**Who can answer my questions about this study and my rights as a participant?**

For questions about this research, you may contact Dr. Pamela Wisniewski (pamela.wisniewski@ucf.edu)

**IRB contact about your rights in this study or to report a complaint:**   
If you have questions about your rights as a research participant, or have concerns about the conduct of this study, please contact Institutional Review Board (IRB), University of Central Florida, Office of Research, 12201 Research Parkway, Suite 501, Orlando, FL 32826-3246 or by telephone at (407) 823-2901, or email irb@ucf.edu.

**Consent to Participate**

By signing this document, you are agreeing to be in this study. Make sure you understand what the study is about before you sign. You will receive a copy of this document for your records. If you have any questions about the study after you sign this document, you can contact the study team using the information provided above.

I understand what the study is about and my questions so far have been answered. I agree to take part in this study.

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Name and Signature of person obtaining consent          Date