Title of Study: Institute for Creativity, Arts, and Technology longitudinal study

Principal Investigator(s): Phyllis Newbill pnewbill@vt.edu

Purpose of this Research/Project
The purpose of the research is to learn more about how you have experienced the programs provided by the Institute for Creativity, Arts, and Technology (ICAT) at Virginia Tech. We hope to learn how you develop critical and creative thinking skills over time. This form is for you if who have participated in our research as a child with your parent's or guardian's consent. Now that you have turned 18, you are a legal adult and must give your own consent if you wish to continue participating in the research.

Procedures
ICAT programs are designed to build critical and creative thinking skills. In order to participate in these programs, your parent or guardian consented to your participating in our research. Some programs were designed for parents and children to work together. Others were only for older children. We collected basic demographic data from you at registration for each program. During the programs you were probably photographed and videotaped. Researchers may have asked you about your experience and taken notes or recorded your response. Researchers may also have observes interactions, including interactions between you and your parent/guardian. You may have produced artifacts such as journals, films, photographs, objects, computer programs and files, sculptures, drawings, blogs, and presentations. Any of these artifacts produced during or for ICAT programs may be analyzed for ICAT research. Following most ICAT programs, you and/or your parent/guardian were asked to evaluate the experience using a paper or online questionnaire. Responses to these questionnaires may be analyzed for ICAT research.

Because we are interested in how critical and creative thinking changes over time, we may want to contact you in the years following your participation in ICAT programs. Each time we contact you, we will ask whether you would like to continue in the study.

Risks
There are minimal risks to continuing to participate in this study. Risks to participants are no greater than the risks associated with attending a public program. In addition, you have the right to withdraw from participation at any time by notifying one of the researchers in writing or in person of the desire to withdraw.
ICAT Adult Consent Form

Benefits
The results of this research will inform future programs and educational offerings, as well as contribute to our understanding of how critical and creative thinking skills develop. No promise or guarantee of benefits has been made to encourage you to continue to participate.

Extent of Anonymity and Confidentiality
Information gathered from the study may be used in research reports, presentations, and articles in professional journals. Real names will not be used in research publications. Rather, pseudonyms will be used. With your permission, photographs and video documentation of participants may be used in reports, presentations, and articles of professional journals. Researchers will analyze the images and video recordings to answer research questions. All study materials will be retained for an indefinite period in secure locations. When all project research is complete, the data will be destroyed. The Institutional Review Board (IRB) may view this study’s collected data for auditing purposes.

With your permission, your photos and real name may be published in newspapers and online news sources for public relations purposes.

Compensation
Taking part in this study is voluntary; you will not be compensated for continuing to participate in this study.

Freedom to Withdraw
You are free to withdraw from this study at any time without penalty. You may choose to not respond to any research questions that you choose. There may be circumstances under which the investigators may determine that you should not continue to be involved in the study.

Questions about the Research
Should you have any pertinent questions about this research or its conduct, contact:
Phyllis Newbill pnewbill@vt.edu

Should you have any questions or concerns about the study’s conduct or your rights as a research participant, or need to report a research-related injury or event, you may contact the Virginia Tech Institutional Review Board at irb@vt.edu or (540) 231-3732.
ICAT Adult Consent Form

Subject's Responsibilities
I voluntarily agree to participate in this study. I have the following responsibilities:

- Attend and participate in ICAT programs as desired,
- Complete after-program questionnaires,
- Participate in interviews about your experiences since participating in ICAT programs.

Subject's Permission
I have read the Consent and Permission Form and conditions of this project. I have had all my questions answered. I hereby acknowledge the above and give my voluntary consent to participate in the study:

_____________________________________________  __________
Signature of adult research participant                  Date

Printed Name of adult research participant

Please initial your permissions.

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<td>I may be photographed for this research.</td>
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<td>I may be videotaped for this research.</td>
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<td>I may be audiotaped for this research.</td>
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<td>Data collected about me from ICAT programs prior to 2014 may be used for this research.</td>
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<td>The researchers are welcome to contact me in the future to follow up about my experiences in ICAT programs. (I may still withdraw from the study at any time.)</td>
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<td>My real name may be used for public relations (such as newspapers, online news sources).</td>
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