



Office of the Vice President For Research
Human Subjects Committee
Tallahassee, Florida 32306-2742
(850) 644-8633 · FAX (850) 644-4392

APPROVAL MEMORANDUM

Date: 5/14/2009

To:

Ralph Radach
MC 7825

Dept.: **FLORIDA CENTER FOR READING RESEARCH**

A handwritten signature in black ink, appearing to read "Thomas Jacobson".

From: **Thomas L. Jacobson, Chair**

Re: **Use of Human Subjects in Research**
Eye Movements and Information Processing in Normal Reading

The forms that you submitted to this office in regard to the use of human subjects in the proposal referenced above have been reviewed by the Human Subjects Committee at its meeting on **5/13/2009**. Your project was approved by the Committee.

The Human Subjects Committee has not evaluated your proposal for scientific merit, except to weigh the risk to the human participants and the aspects of the proposal related to potential risk and benefit. This approval does not replace any departmental or other approvals which may be required.

If the project has not been completed by **5/12/2010** you must request renewed approval for continuation of the project.

You are advised that any change in protocol in this project must be approved by resubmission of the project to the Committee for approval. The principal investigator must promptly report, in writing, any unexpected problems causing risks to research subjects or others.

By copy of this memorandum, the chairman of your department and/or your major professor is reminded that he/she is responsible for being informed concerning research projects involving human subjects in the department, and should review protocols of such investigations as often as needed to insure that the project is being conducted in compliance with our institution and with DHHS regulations.

This institution has an Assurance on file with the Office for Human Research Protection. The Assurance Number is IRB00000446.

cc:

HSC No. 2009.0405-R

CONSENT FORM

Title of Research: Eye movements and information processing in normal reading

Principal Investigator: Ralph R. Radach, Ph.D.

I freely and voluntarily and without undue inducement or any element of force, fraud, deceit, duress, or other form of constraint or coercion, consent to be a participant in the above-named project.

Purpose of the Research: This study is designed to better understand how information is acquired and processed during normal reading.

Procedures for the Research: The total time commitment for this study would be about 60 to 120 minutes, varying somewhat by individual reading speed. Before the actual experiment my vision will be tested with a vision screening that will take approximately 5 minutes and will check for acuity (sharpness of vision), color vision, and stereopsis (binocular vision). To do this an Optec Vision Tester 5000P, a device that is widely used in driver's license or workplace screening, will be used. For the main experimental activity you will be asked to read a series of sentences or paragraphs on a computer screen. At varying time intervals you will be asked comprehension questions about the texts you read. While you are reading the texts on the computer screen your eye movements are unobtrusively recorded by a tiny camera.

Potential Risks or Discomforts and Conditions of Participation: There are no appreciable risks associated with participation in this research. You are free to withdraw consent and discontinue participation at any time without prejudice, penalty, or loss of benefits to which you would otherwise be entitled. If you choose to withdraw consent at any time, you will receive full credit for your participation up to that point.

Potential Benefits to You or to Others: Involvement in this experiment is not likely to produce any direct, immediate benefit to you other than enhancement of your understanding of the purpose and process of psychological research and receiving 0.5 subject pool credits for every 30 minutes of participation. Your participation also holds reasonable promise of contributing to a better understanding of information processing during reading. A summary of the findings will be available to you upon request at the conclusion of the study.

Confidentiality: You will be assigned a participant number and all data collected will be coded only with that number and no names or other identifiers that could be linked to you will be included in any report. No identifying marks other than your participant number will be used on any materials used in the study other than this consent form, which does not contain your participant number. Throughout the data collection process all materials, including computerized data files, will be maintained exclusively within Visual Processing Lab where access is limited to personnel under Dr. Radach's supervision. Once all data have been collected, any identifying information documenting your participation in the study will be destroyed. Original data sheets will be boxed and moved into locked storage cabinets. Accordingly, all information gathered in this research will be treated confidentially to the full extent allowed by law.

Questions and Explanations: Your signature indicates that you have been given the opportunity to ask any questions you may have concerning the experiment and the conditions of participation, and that these questions, if any, have been answered to your satisfaction.

In the future, you may contact Dr. Ralph R. Radach, Associate Professor of Psychology (644-2491), to discuss any aspect of this experiment. Questions about your rights in relation to subject participation and/or reports of any research-related injury should be directed to Dr. Radach or contact the Chair of the Human Subjects Committee, Institutional Review Board, through the Office of the Vice President for Research, at (850) 644-8633.

I have read and I understand the above.

(Participant Signature)

(Date)



Research Participation Parental Consent Form

All students enrolled in PSY 2012: General Psychology at Florida State University are required to gain knowledge of psychological research. One way to satisfy this requirement is through participation in one of the approved research projects being conducted by faculty and students in the Department of Psychology.

Before participating in one of the approved research projects, students are required to complete and sign a consent form, which indicates that they have been informed of the nature of the experiment and that they may cease participation at any time without penalty. Students must be 18 years or older to sign this form. Students under 18 years of age **MUST** have consent from a parent or guardian in order to participate in any research project. Your son or daughter is interested in fulfilling part of the research requirement by participating in a research project. He or she needs this form completed before participating. Please complete this form and return it to your child or dependent.

I, _____, parent/guardian of _____,
(please print) (please print)

give my consent to his/her participation in the following:

Title of Research: Eye movements and information processing in normal reading

Principal Investigator: Ralph R. Radach, Ph.D.

Purpose of the Research: This study is designed to better understand how information is acquired and processed during normal reading.

Procedures for the Research: The total time commitment for this study would be about 60 to 120 minutes, varying somewhat by individual reading speed. Before the actual experiment vision will be tested with a vision screening that will take approximately 5 minutes and will check for acuity (sharpness of vision), color vision, and stereopsis (binocular vision). To do this an Optec Vision Tester 5000P, a device that is widely used in driver's license or workplace screening, will be used. For the main experimental activity the participant will be asked to read a series of sentences or paragraphs on a computer screen. At varying time intervals comprehension questions about the texts will be asked. During reading on the computer screen eye movements are unobtrusively recorded by a tiny camera.

Potential Risks or Discomforts and Conditions of Participation: There are no appreciable risks associated with participation in this research. Participants are free to withdraw consent and discontinue participation at any time without prejudice, penalty, or loss of benefits to which they would otherwise be entitled. If a participant chooses to withdraw consent at any time, he/she will receive full credit for participation up to that point.

Potential Benefits to the participant or to Others: Involvement in this experiment is not likely to produce any direct, immediate benefit to the participant other than enhancement of the understanding of the purpose and process of psychological research and receiving 0.5 subject pool credits for every 30 minutes of participation. Participation also holds reasonable promise of contributing to a better understanding of information processing during reading. A summary of the findings will be available upon request at the conclusion of the study.

Confidentiality: Each participant will be assigned a number and all data collected will be coded only with that number and no names or other identifiers that could be linked to the participant will be included in any report. No identifying marks other than the participant number will be used on any materials used in the study other than this consent form, which does not contain your participant number. Throughout the data collection process all materials, including computerized data files, will be maintained exclusively

within Visual Processing Lab where access is limited to personnel under Dr. Radach's supervision. Once all data have been collected, any identifying information documenting participation in the study will be destroyed. Original data sheets will be boxed and moved into locked storage cabinets. Accordingly, all information gathered in this research will be treated confidentially to the full extent allowed by law.

Questions and Explanations: In the future, you may contact Dr. Ralph R. Radach, Associate Professor of Psychology (644-2491), to discuss any aspect of this experiment. Questions about rights in relation to subject participation and/or reports of any research-related injury should be directed to Dr. Radach or contact the Chair of the Human Subjects Committee, Institutional Review Board, through the Office of the Vice President for Research, at (850) 644-8633.

I understand that this project has been reviewed and approved by the members of the Institutional Review Board at Florida State University.

(Signature)

(Date)



Participant Assent

Title of Research: Eye movements and information processing in normal reading

Principal Investigator: Ralph R. Radach, Ph.D.

Hello, my name is _____, and I am asking if you would like to take part in a
(Experimenter's name)

research study called "Eye Movements and information processing in normal reading. The purpose of the study is to learn more about eye movements during reading. If you would like to participate in this study, the total time commitment would be about 60 to 120 minutes, varying somewhat by individual reading speed. Before the actual experiment your vision will be tested with a vision screening that will take approximately 5 minutes with a device that is widely used in driver's license screening. For the main experimental activity you will be asked to read a series of sentences or paragraphs on a computer screen. At varying time intervals you will be asked comprehension questions about the texts you read. While you are reading the texts on the computer screen your eye movements are unobtrusively recorded by a tiny camera.

There are no appreciable risks associated with participation in this research. You are free to withdraw consent and discontinue participation at any time without prejudice, penalty, or loss of benefits to which you would otherwise be entitled. If you choose to withdraw consent at any time, you will receive full credit for your participation up to that point. Involvement in this experiment is not likely to produce any direct, immediate benefit to you other than enhancement of your understanding of the purpose and process of psychological research and receiving 0.5 subject pool credits for every 30 minutes of participation. Your participation also holds reasonable promise of contributing to a better understanding of information processing during reading. A summary of the findings will be available to you upon request at the conclusion of the study.

In the future, you may contact Dr. Ralph R. Radach, Associate Professor of Psychology (644-2491), to discuss any aspect of this experiment. Questions about your rights in relation to subject participation and/or reports of any research-related injury should be directed to Dr. Radach or contact the Chair of the Human Subjects Committee, Institutional Review Board, through the Office of the Vice President for Research, at (850) 644-8633.

At this point, the experimenter will ask the potential participant if he or she has any questions. Questions will be answered to the best of the experimenter's ability.

Your signature indicates that you have been given the opportunity to ask any questions you may have concerning the experiment and the conditions of participation, and that these questions, if any, have been answered to your satisfaction.

(Participant's signature)

(Experimenter's signature)

(Date)

