

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

Office of the Vice Chancellor for Research
Institutional Review Board
528 East Green Street
Suite 203
Champaign, IL 61820



June 23, 2008

Matthew Rispoli
Speech & Hearing Science
203 SHS Bldg
M/C 482

RE: *The Growth of Grammar*
IRB Protocol Number: 08731

Dear Matthew:

This letter authorizes the use of human subjects in your project entitled *The Growth of Grammar*. The University of Illinois at Urbana-Champaign Institutional Review Board (IRB) approved, by expedited review, the protocol as described in your IRB-1 application. The expiration date for IRB Protocol Number 08731, is 06/17/2009. The risk designation applied to your project is *no more than minimal risk*. Certification of approval is available upon request.

Copies of the enclosed date-stamped consent forms must be used in obtaining informed consent. If there is a need to revise or alter the consent forms, please submit the revised forms for IRB review, approval, and date-stamping prior to use.

Under applicable regulations, no changes to procedures involving human subjects may be made without prior IRB review and approval. The regulations also require that you promptly notify the IRB of any problems involving human subjects, including unanticipated side effects, adverse reactions, and any injuries or complications that arise during the project.

If you have any questions about the IRB process, or if you need assistance at any time, please feel free to contact me or the IRB Office, or visit our Web site at <http://www.irb.uiuc.edu>.

Sincerely,

Sue Keehn, Director, Institutional Review Board

Enclosures

c: Pamela Ann Hadley

UNIVERSITY OF ILLINOIS
AT URBANA – CHAMPAIGN

College of Applied Health Sciences



Department of Speech and Hearing Science
901 South Sixth Street
Champaign, IL 61820-6206

Dear Parent:

We are faculty in the Department of Speech and Hearing Science at the University of Illinois. We are inviting you and your child to participate in a study entitled "The Growth of Grammar." The purpose of this research is to document the way children's grammatical abilities grow between 21 and 36 months of age. It is our hope that our findings will improve early identification and intervention for children who experience difficulty with early language development such as children with language impairments. We are currently recruiting children for this study. A description of the study procedures follow so that you can decide if you and your child would like to participate.

You and your child's participation will include a variety of activities for children and one parent in our family room. You and your child will visit the Applied Psycholinguistics family room in the Speech and Hearing Science Building at the University of Illinois when your child is approximately 21, 24, 27, 30, 33 and 36 months of age. We will schedule these sessions at a time that is convenient for you and your child. You and your child will be audio and video recorded while you play and talk in the family room. During these visits your child will be asked to wear a vest with a wireless microphone inside so that we can make high quality recordings of your child's speech. If your child is reluctant to wear the vest, we will ask you to wear the wireless microphone. At each visit, you and your child will spend 30 minutes playing with toys as you do at home. Then one of our research staff will play with your child for another 30 minutes engaging your child in structured play with three different sets of toys for about 10 minutes each. You will be present in the family room during these play activities as well. Audio and video records will be made of all of these activities.

We will also ask you to fill out two developmental checklists as the study progresses. The *Ages and Stages Questionnaire* will be completed when your child is 21 and 24 months of age to establish that your child is developing typically in his or her communication, motor, social, and problem-solving abilities. The *MacArthur-Bates Communicative Development Inventory* will be completed when your child is 21, 24, 27 and 30 months of age. This checklist will provide another estimate of your child's ability to say words and simple sentences. We will send these forms to you by mail 1-2 weeks before your scheduled play sessions. We will ask you to bring them with you to the play sessions.

When your child reaches his or her 3rd birthday, we will schedule one or two additional sessions in the Applied Psycholinguistics family room. During these sessions, a member of the research staff will use a formal test, the *Test of Early Grammatical Impairment*, to assess your child's grammatical abilities. You will be present in the room during this testing. This test uses pictures, a puppet, and some toys to create multiple opportunities for your child to demonstrate their developing knowledge of grammar.

You and your child's participation in this study are voluntary. If you choose to withdraw from the study at any time, it will not affect you, your child in any way. Your decision to participate or withdraw will not affect your present or future relations with the University of Illinois in any way. Your child may also

withdraw from any session by stating his or her desire to discontinue. For your participation you will receive \$20 after each visit to the Applied Psycholinguistics Lab. We will also give your child a special gift like a book, toy, or University of Illinois T-shirt on his/her 2nd and 3rd birthdays.

We believe the potential risks to your child are minimal. Our procedures are play-based; however, your child may experience some frustration during the testing at his or her 3rd birthday. To minimize any frustration, we will take breaks as needed. Although there may be no direct benefit to your child, the findings of this study may help parents and professionals better identify and treat late-talking children who are most at-risk for persistent language impairments.

The results of the research study may be published in the form of journal articles, conference/workshop presentations, and student projects/theses, but your child's name will not be used in any summaries or written reports. In return for your participation, we will send you a summary of your child's performance from the final 36-month evaluation. All data obtained from this study (test scores, audio and video recordings and transcriptions of these recordings) will be entered into an anonymous permanent database and may be used in future analyses by members of our research team. The recordings will also be maintained as part of this database for a period up to 20 years and then destroyed. Your records will be given an alpha-number code and will not be filed by your name or your initials. Your records and our recordings will be stored under lock and key. Access to them is restricted to members of the research team. Eventually, our transcribed anonymous data (not the recordings) will be donated to the Child Language Data Exchange System (<http://childes.psy.cmu.edu>). This is an international repository of child language data used by researchers all over the globe. The transcribed data are the conversations of you, your child and a member of our research team during your visits to Applied Psycholinguistics family room. They will be in an electronic format similar to a Word document. We guarantee your name and the name of your child will not be in these documents.

Please indicate your decision below and return this consent form in the self-addressed envelope provided. If you have any questions concerning the study or your child's participation in this study, or wish to express concerns about the conduct of this study, please call or email Dr. Matthew Rispoli (217-244-2544, mrispoli@illinois.edu). If you have any questions about you or your child's rights as a participant in this study, or if you feel you or your child have been placed at risk, please contact the University of Illinois Institutional Review Board at 217-333-2670 (collect calls are accepted if you identify yourself as a research participant) or via email at irb@illinois.edu.

Sincerely,

Matthew Rispoli, Ph.D.
Research Scientist

Pamela A. Hadley, Ph.D.
Associate Professor

I have read and understand the information above. I voluntarily agree to participate in this study. I acknowledge that a member of the project research team has invited my child to periodically play in the Applied Psycholinguistics family room accompanied by me, and that, for a portion of the time spent in the family room, a member of the research team will also interact with us. I am also voluntarily agreeing for my child to participate with me in this study. I understand that sessions in the Applied Psycholinguistics family room will be audio and video recorded and that to be recorded is a requirement of participation. I have been given a copy of this consent for my records.

Name of Child _____

Signature of Parent _____ Date _____

UNIVERSITY OF ILLINOIS
APPROVED CONSENT
VALID UNTIL

JUN 17 2009

UNIVERSITY OF ILLINOIS
AT URBANA – CHAMPAIGN

College of Applied Health Sciences



Department of Speech and Hearing Science
901 South Sixth Street
Champaign, IL 61820-6206

“The Growth of Grammar”
CONSENT TO RELEASE MEDIA

I authorize Dr. Matthew Rispoli or Dr. Pamela Hadley to use segments of DVD recordings, digital audio-recordings and/or photographs of myself and my child _____ (Name of Child) for the purpose of public lectures, seminars, classroom teaching, presentation in newspaper articles, and posters in professional conference presentations. These media will be used for two purposes: (a) to illustrate what parents and children are doing when they participate in the study and (b) to illustrate how the words and sentences children use during conversation and in more structured situations change with age. I understand that my child and I will only be identified in any spoken or written text accompanying these media as “a/the parent/child” or by an assigned alphanumeric code and that any mention of personal names will be edited out. I also understand that even though my child and I will never be identified by our real names, it is possible that my child and I may be recognized in these media.

I understand that I may phone, write, or e-mail Dr. Rispoli (Phone: 217/244-2544, mrispoli@illinois.edu) or Dr. Hadley (217/333-1968, phadley@illinois.edu) to request that specific portions of my child’s participation in the study not be used publicly.

The following portions of our participation in the study “The Growth of Grammar” may be presented publicly: parent-child play and conversational interaction, play and conversational interaction between my child and research personnel, and formal testing administered by research personnel.

I have read this consent and understand it. All blanks were filled in prior to my signing.

Parent Signature _____ Date _____

Parent is to be given a copy of this signed form upon signing, or as soon as possible thereafter.

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APPROVED CONSENT
VALID UNTIL

JUN 17 2009

Rispoli NSF 2008 "Growth of Grammar" Script for Verbal Assent

(To be conveyed to child in the parent's presence to begin each session between 21 and 33 months)

Hi _____ (child's name). We're so happy to see you today. We have a roomful of toys, and you and your mom / dad get to play with them for a while. A little later, _____ (name of research personel) will come into the room and you'll get to play with _____ (name of research personel). We hope you'll have fun and that you'll want to keep coming back to our playroom. Ok? Are you ready to play?

(To be conveyed to child in the parent's presence to begin each session between 21 and 33 months)

Hi _____ (child's name). We're so happy to see you today. Today and you and your mom / dad will play for a while, and then _____ (name of research personel) will play with you for a while. Before you go home today, we'll play some new picture games and then you get to come back again in a few days to play some games with puppets. We hope you have fun during your last visits to the playroom. Ok? Are you ready to play?

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JUN 17 2009