Infant haptic exploration and tool use

## INFANT LEARNING AND DEVELOPMENT LABORATORY **Psychology** Department Whitman College (509)527-5599

ABOUT THE STUDY: How do infants explore new objects? When do they begin to change the way they explore objects based on the objects themselves and the surfaces that the objects are on? When and how do they learn to use tools to get a desired toy? And are there differences in these processes based on socio-economic status and level of parent's education? These are the main questions being asked by an ongoing research program under the direction of Melissa Clearfield, Ph.D. in the Psychology Department at Whitman College. We believe that if we do find learning differences in infants based on socioeconomic status, we can better identify children at risk for later problems, and intervene earlier and more effectively. This study should take about 30 minutes per session. After your child is relaxed, you and your infant will simply sit in a high chair and play some reaching games. You will be with your infant at all times. Your child's behavior will be filmed by our video system, so that we can detail exactly what s/he did.

DATA: The videos will be kept on a locked computer and used to determine where/how long your child looked, what s/he reached for, and how s/he reached. We do not use the videos for anything but research purposes, and the videos do not leave the laboratory. If we want to show it outside the research environment, we will not do so without your permission. The data we derive from the video is kept in a locked cabinet. Subjects will be identified by code in the records and no reference will be made to individuals in oral or written reports that could link individuals to the study. If you choose to withdraw your child from the study, your child's data will be erased.

RISK: We take the utmost precautions to ensure the safety of your child. Our people are carefully and fully trained; they are especially sensitive to the needs of children in a research environment; the procedures and equipment are checked prior to every session; and we do not use harmful or dangerous devices or procedures in our studies. Children usually enjoy our experiments and if they should become fussy or bored, or for some reason do not respond well, then we simply end the session.

We always give participating families a small gift for helping us and you will receive this gift even if we cannot finish the experiment for some reason. You are of course free to stop us at any time if you have reservations about what we are doing or do not wish to continue. We encourage parents to ask questions freely. If you feel you have not been treated according to the descriptions in this form or that your child's rights as a participant in research have been violated during the course of this project, you may contact Professor Melissa Clearfield at 522-4427 or Professor Gilbert Mireles at the Institutional Review Board, 527-5259.

### PARENT OR GUARDIAN CONSENT:

I, \_\_\_\_\_, the parent or legal guardian of \_\_\_\_\_, voluntarily give permission for \_\_\_\_\_\_ to participate in the study outlined above. I have read and understand all of the above, and have had all my questions regarding the experiment and the procedures fully and satisfactorily answered. I understand that I can stop the experiment at any time without penalty if I should have any reservations once started. I have received a copy of this document for my records.

(signature of parent or guardian)

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# **Participant Information Sheet**

## Infant Learning and Development Laboratory Psychology Department Whitman College Walla Walla, WA 99362 (509)527-5599

Infant's Name:	
Date:	
Birth Date:	
Sex:	
Race/Ethnicity:	

Was your infant full-term (38-42 weeks)? Yes No If no, how many weeks early was your infant?

#### **Motor Milestones**

Next to each item, please answer yes or no, and then provide the approximate age (in months or weeks) at which the skill first appeared (if applicable).

Sitting independently (without support of parents or hands):	Yes	No	Age:
Crawling:	Yes	No	Age:
Cruising (moving/walking while holding furniture):	Yes	No	Age:
Walking independently:	Yes	No	Age:

#### **Family Information**

Mother's Educ	ation:								
Some high		High School		Some		College		Post College	
School		Degree	Degree		e	Degree		Education	
	· · · · · · · · · · · · · · · · · · ·		of full-time male	resident Some	t in hous	/			
	Some high		High School			College		Post College	
School	School		Degree		e	Degree		Education	
Τ		1.	1						
	are the followin	ig needs	•		•			<b>•</b>	
Food:	My family		My family		I meet	es' needs		I meet my	
	Is frequently	1	s sometimes					families' needs	
	hungry		hungry		with st	ate help		without help	
Housing: I am homeles		I worry that			I can afford			I can afford	
mousing.	Or will be in		I could be		my home			my home	
	1 month		homeless soon		with state help			without help	
	1 monui		nomeress soon		with St	ate help		without help	
Money: I don't have			I meet basic		I have	some		I have some	
5	Enough money	7	needs but have		extra n	nonev		extra money	
	For basic need		no extra money			ate help		without help	
		-						F	
Access to help:	: There is no		I don't know		I do kr	low how		I do know how	
	State help		How to get		to get s	state help		to get state help	
	For me		State help			ve done it		but don't need it	
			I			-			