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ABSTRACT

This bibliography was developed for the use of  
researchers and practitioners in the area of individual differences,  
learning and instruction. It is not exhaustive, given the enormous  
amount of writing on the topic, but hopefully it contains a useful  
selection of the work in this area. (Author)

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**INDIVIDUAL DIFFERENCES,  
LEARNING AND INSTRUCTION:  
A SELECTED BIBLIOGRAPHY**

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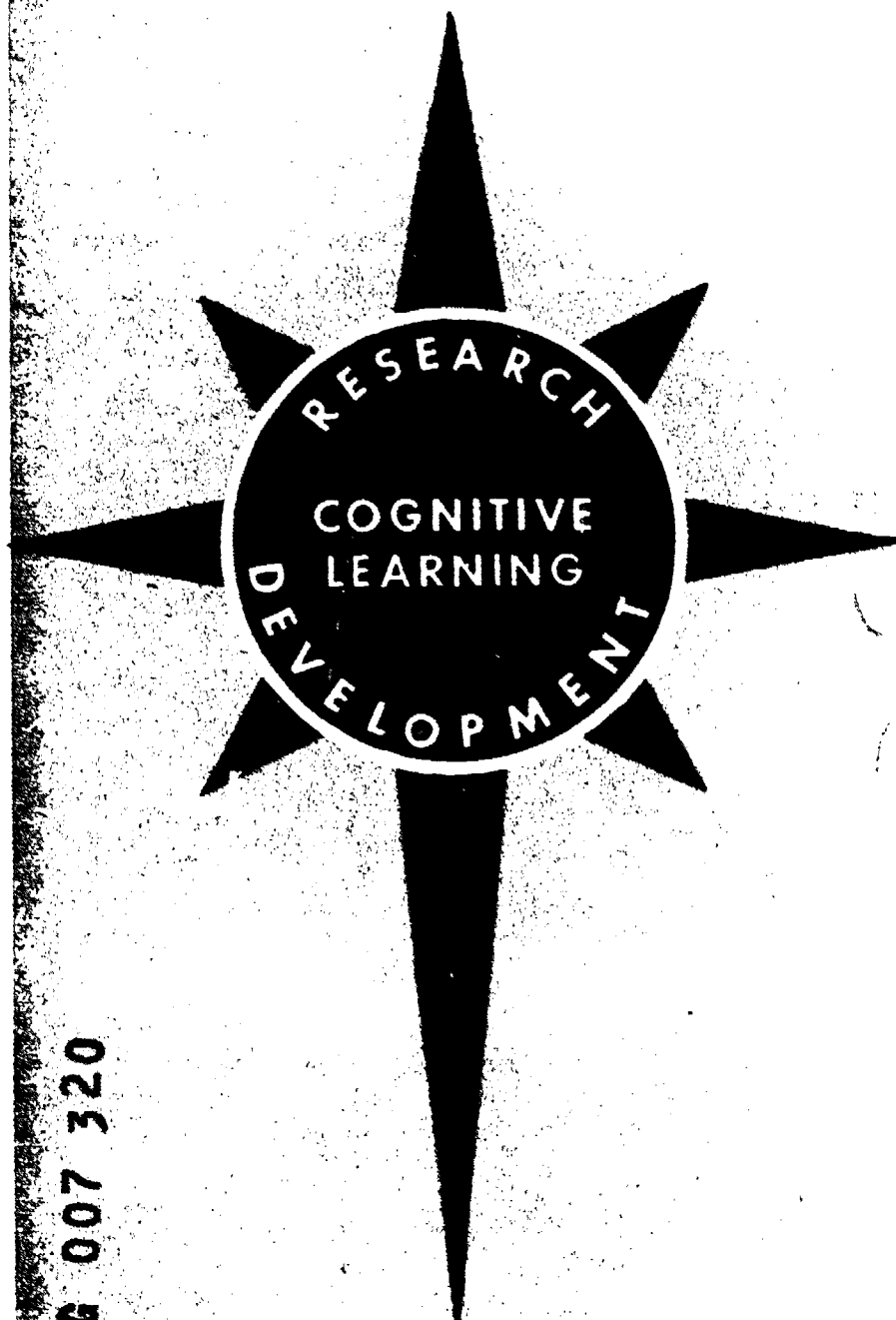
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INDIVIDUAL DIFFERENCES, LEARNING AND INSTRUCTION:  
A SELECTED BIBLIOGRAPHY

Edition One

by Frank H. Farley

Report from the Project on Motivation and Individual  
Differences in Learning and Retention

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Center for Cognitive Learning  
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## STATEMENT OF FOCUS

The Wisconsin Research and Development Center for Cognitive Learning focuses on contributing to a better understanding of cognitive learning by children and youth and to the improvement of related educational practices. The strategy for research and development is comprehensive. It includes basic research to generate new knowledge about the conditions and processes of learning and about the processes of instruction, and the subsequent development of research-based instructional materials, many of which are designed for use by teachers and others for use by students. These materials are tested and refined in school settings. Throughout these operations behavioral scientists, curriculum experts, academic scholars, and school people interact, insuring that the results of Center activities are based soundly on knowledge of subject matter and cognitive learning and that they are applied to the improvement of educational practice.

This Working Paper is from the Motivation and Individual Differences in Learning and Retention Project in Program 1, Conditions and Processes of Learning. General objectives of the Program are to generate knowledge about concept learning and cognitive skills, to synthesize existing knowledge and develop general taxonomies, models, or theories of cognitive learning, and to utilize the knowledge in the development of curriculum materials and procedures. Contributing to these Program objectives, this project has these objectives: to determine the developmental role of individual differences and motivation-attention in the learning and memory process and to ascertain at what age certain individual differences become important in learning and memory and at what age certain motivation-retention relationships emerge; to develop a theory of individual differences and motivation in learning and memory; and to develop practical means, based on the knowledge generated by the research, as well as synthesized from other sources, to maximize the retention of verbal material.

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## ABSTRACT

This bibliography was developed for the use of researchers and practitioners in the area of individual differences, learning and instruction. It is not exhaustive, given the enormous amount of writing on this topic, but it hopefully contains a useful selection of the work in this area. The major categories by which the bibliography is organized are not mutually exclusive, and some overlap occurs. Accordingly, criticisms of the category assignment of many items could be made and are invited. Intensive experimental and developmental research into individual differences in relation to learning and instruction is in its infancy; many of our current categories are at this stage primarily heuristic.

Research papers, technical reports, theses and so on that may not be included in the current version are in some cases referenced in books or extensive reports that are cited in the relevant section.

Readers who know of work that should be included in this bibliography are appreciatively invited to submit recommendations for inclusion in the next edition.

# I

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