

Department of Education presents

HALEY VLACH

DEPARTMENT OF PSYCHOLOGY
UNIVERSITY OF CALIFORNIA, LOS ANGELES



MONDAY, FEBRUARY 6, 2012

12 NOON—1:15 P.M.

CONFERENCE ROOM 2024, EDUCATION BUILDING

BASIC COGNITIVE PROCESSES IN THE ACQUISITION AND GENERALIZATION OF CONCEPTUAL KNOWLEDGE

ACROSS SEVERAL FIELDS (E.G., COGNITIVE SCIENCE, DEVELOPMENTAL PSYCHOLOGY, AND EDUCATION), RESEARCHERS HAVE SOUGHT TO DISCOVER THE MECHANISMS UNDERLYING THE ACQUISITION AND GENERALIZATION OF CONCEPTUAL KNOWLEDGE. IN THIS TALK, I WILL PRESENT RESEARCH SUPPORTING THE IDEA THAT BASIC COGNITIVE PROCESSES (E.G., ATTENTION AND MEMORY) ARE CRITICAL FOR LEARNING AND GENERALIZING CONCEPTUAL INFORMATION. INTERESTINGLY, THE COGNITIVE PROCESSES THAT CHALLENGE THE LEARNER, SUCH AS FORGETTING AND RETRIEVAL DIFFICULTY, ARE THE SAME PROCESSES THAT PROMOTE LONG-TERM LEARNING. EXAMPLES OF THIS PHENOMENON WILL BE PROVIDED ACROSS SEVERAL DOMAINS, INCLUDING SCIENCE CONCEPT LEARNING.

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