

icant ($F=4.35$, $df=2/57$, $p < .05$), but showed only an RI effect: Control group's RL was significantly better than both RI-weak ($t=2.06$, $df=38$, $p < .05$) and RI-strong ($t=2.73$, $df=38$, $p < .02$). However, a differential RI effect was found on the second recall test (the first RL trial), where the difference between the two RI groups was significant ($t=2.13$, $df=38$, $p < .05$).

Discussion

Confirming the hypothesis and in keeping with previous work on the role of contextual factors, RI was greatest when the list context of IL was present at recall (RI-strong), and reduced when the context of OL was present (RI-weak). This difference persisted through the first two test trials. These results may be accounted for by the mechanism of contextual unlearning during IL (McGovern, 1964; Silverstein, 1967), as well as by the presence of a contextual generalized response tendency (GRT) at recall (Newton & Wickens, 1956; Postman & Stark, 1962). Since the effect of differential list context on RI was not sustained through RL, unlearning and GRT factors are relatively transient.

References

BIRNBAUM, I. M. Context stimuli in verbal learning and the persistence

- of associative factors. *J. exp. Psychol.*, 1966, 71, 483-487.
- GREENSPOON, J., & RENYARD, R. Stimulus conditions and retroactive inhibition. *J. exp. Psychol.*, 1957, 53, 55-59.
- HILGARD, E. R. Methods and procedures in the study of learning. In S. S. Stevens (Ed.), *Handbook of experimental psychology*. New York: Wiley, 1951.
- McGEOCH, J. A., & IRION, A. L. *The psychology of human learning*. (2nd ed.) New York: Longmans, Green, 1952.
- McGOVERN, J. B. Extinction of associations in four transfer paradigms. *Psychol. Monogr.: Gen. & Appl.*, 1964, 78 (16) (Whole No. 593), 21pp. P. 21.
- NEWTON, J. M., & WICKENS, D. D. Retroactive inhibition as a function of the temporal position of interpolated learning. *J. exp. Psychol.*, 1956, 51, 149-154.
- POSTMAN, L., & STARK, K. The role of response sets in tests of unlearning. *J. verbal Learn. verbal Behav.*, 1965, 4, 315-322.
- RUNQUIST, W. N. Verbal behavior. In J. B. Sidowski (Ed.), *Experimental methods and instrumentation in psychology*. New York: McGraw-Hill, 1966.
- SALTZ, E. Compound stimuli in verbal learning: Cognitive and sensory differentiation versus stimulus selection. *J. exp. Psychol.*, 1963, 66, 1-5.
- SILVERSTEIN, A. Unlearning, spontaneous recovery, and the partial reinforcement effect in paired-associate learning. *J. exp. Psychol.*, 1967, 73, 15-21.

Note

1. The data were collected at Cedar Crest College, in fulfillment of the senior author's Independent Study requirement.

Errata

Marx, M. H., & Tombaugh, Jo W. The frustration vigor effect (FVE) as a function of number of rewarded barpress trials. *Psychon. Sci.*, 1967, 8, 105-106. In identifying the curves in Figure 1, the open and closed circle points in the legend were reversed.

Sticht, T. G. & Gibson, R. H. Touch thresholds as a function of onset and offset stimulation. *Psychon. Sci.*, 1967, 8, 255-256. — In the abstract, the positions of the words "application" and "subsequent removal" should be interchanged.