Factors Promoting Resiliency in Adolescents with Alcohol Abuse and Learning Problems
BILL LATIMER, MICHAEL D. RESNICK & ROBERT WM. BLUM, University of Minnesota
Adolescents with alcohol abuse and learning problems were compared to a random sample of peers on measures of academic achievement, school connectedness, delinquent behavior, and unintentional injury risk. Stepwise regression analyses indicated that academic achievement and family connectedness protected adolescents with alcohol and learning problems against adverse outcomes.

INVITED SYMPOSIUM
LEARNING BY GROUPS: SOCIALY SHARED COGNITION AT WORK

Friday, 1:00 - 3:00 pm Crystal Room
RICHARD L. MORELAND, University of Pittsburgh, Moderator & Organizer
RICHARD KLIMOSKI, Ohio State University, Discussant

Collective Learning and Forgetting: The Effects of Turnover and Group Structure
LINDA ARGOTE, Northwestern University, & RUKMINI DEVADAS
RAO, IBM Corporation

Integrative Complexity in Work Groups: The Effects of Continuity and Change
DEBORAH GRUENFELD, Northwestern University, & ANDREA HOLLINGSHEAD, University of Illinois

Training People to Work in Groups: The Role of Transactive Memory
RICHARD L. MORELAND & MELISSA WINGERT, University of Pittsburgh

Tact Coordination in Teams: Using Task, Social, and Self Knowledge
GAROLD STASSER & GWEN WITTENBAUM, Miami University of Ohio

ANIMAL COGNITION II
1:00 - 2:45 pm

1:00 Invited Paper
Stimulus-Specific Quantity Judgments by Chimpanzees: How MORE Can Be LESS
SARAH T. BOYSEN, Ohio State University
"Failure" with quantity judgment tasks by chimpanzees resulted from specific rules for allocation of candy arrays. While no animal could select the array which resulted in larger reward, they were successful if Arabic numerals were used instead. These results will be discussed according to their possible significance to "theory of mind".

1:30 Early Cognitive Abilities in New Zealand Parakeets (Cyanoramphus australis)
MILDRED S. FUNK, Roosevelt University
Eleven young parakeets were assessed on 38 Piagetian activities in 3 standardized scales used to examine development in human infants and a few other nonhuman primates. The birds completed 35 tasks (failing, in general, to combine objects) though they differed from human subjects in the ordinal sequence of tasks performed.

1:45 The What and the Where of the Pigeon's Processing of Complex Visual Stimuli
KIM KIRKPATRICK-STEGER, FELICIA D. HALL & EDWARD A. WASSERMANN, The University of Iowa
Pigeons were given a go/no-go discrimination involving 1 positive and 15 negative stimuli. The 16 stimuli comprised four geometric shapes mated with a cube in four spatial configurations. The birds attended to both attributes of the drawings, but shape location exerted stronger stimulus control than shape identity.

2:00 Subpattern Structure Determines Acquisition of Interleaved Serial Patterns
DON M. BENSON, JR. & STEPHEN B. FOUNTAIN, Kent State University
Evidence indicates that rats are sensitive to the organization of nonadjacent serial stimuli. Rats learned interleaved serial patterns composed of subpatterns varying in structural organization. Results showed that subpattern commonalities facilitated acquisition by lowering memory load when structural peculiarities learned in one subpattern could be applied in the other subpattern.

2:15 Invited Paper
What is Learned in Rat Serial Learning?
STEPHEN B. FOUNTAIN, Kent State University
One view is that rat serial-pattern learning involves encoding a representation of pattern structure. This rule-learning hypothesis provides a useful heuristic for organizing our thinking about serial learning, though studies to be discussed indicate the difficulty of characterizing "structure" and the processes involved in encoding it.
CONCEPT FORMATION AND CONCEPTUAL DEVELOPMENT

Friday, 1:00 - 3:00 pm
DENISE DAVIDSON, Loyola University of Chicago, Moderator

1:00 Invited Paper
Shrinking Machines and Symbolic Development
JUDY S. DELOACHE, University of Illinois
Symbolization is at the heart of human cognition, so becoming a proficient symbolizer is a central developmental task. Research will be reported on very young children's understanding and use of symbols. The main claim will be that one must have a higher-order representation of the symbol-referent relation in order to reason from one to the other. This conclusion is based in part on the fact that young children reason successfully from a room to a scale model when they believe a shrinking machine has turned the room into the model but not when the model is a symbol for the room.

1:30 Invited Paper
Children's Understanding of Parent-Offspring Resemblance: Ramifications for Children's Emerging Biological Theories
KARL S. ROSENGREN & MARIANNE G. TAYLOR, University of Illinois
Research has shown that children expect parents and offspring to resemble each other. Some have taken these findings to indicate that children have an autonomous biological theory, but others question this claim. We present several studies examining when children accept variability in parent-offspring resemblance. Results are discussed in terms of children's emerging biological theories.

2:00
Children's Scripts for Going to the Zoo: Differences by Age and Experience
DARLENE DeMARIE-DREBLOW & ALICE NORMAN, Muskingum College
Unlike previous studies of children's scripts, age and previous experience were not confounded in the present study. Scripts for going to the zoo of 50 children ages 3 to 12 who lived in a rural area were analyzed. The results revealed both age and the number of previous experiences predicted reports of what happened at the zoo.

2:15
An Empirical Test of a Radial Category: The Senses of Over
P. WEN LOO, Ohio University
Empirical data were collected to verify the structure of the senses of over proposed by Lakoff (1987). The subjects provided dissimilarity ratings for pairs of sentences involving the word over. Multidimensional scaling procedure showed that subjects' perceived structure of the senses of over corresponds well with that proposed by Lakoff.

2:30
Instance Comparisons and Feature Interpretation During Category Learning
THOMAS L. SPALDING, University of Iowa, & BRIAN H. ROSS, University of Illinois

When learning a new category, people often compare new instances to highly similar previous instances. Research has indicated that features common to compared instances become central to the category. The current research shows that ambiguous features of new instances are interpreted as congruent with features of highly similar previous instances.

2:45
A Structural Approach to Induction and Similarity
MARY E. LASSALINE, University of Illinois
Experiments showing a dissociation between similarity and induction suggest that both processes involve structural alignment, but different aspects of structure are important in the two processes. Shared attributes and relations increased similarity but not induction, whereas binding relations, which connect shared attributes to inferred attributes, increased induction but not similarity.

APA PUBLICATION AND COMMUNICATIONS BOARD SPONSORED OPEN MEETING
HOW TO PUBLISH YOUR MANUSCRIPT

Chair: SUSAN KNAPP, Director of Publications, APA

Friday, 1:00 - 2:50 pm
Private Dining Room 18
Participants
JOEL R. LEVIN, APA Editor
MARTITTA A. LOPEZ, APA Author

Getting your manuscript published is a necessary part of the career of young psychologists, but it is often a difficult and harrowing task. This session, sponsored by the APA Publications and Communications Board, is intended to demystify some of the publication process and to encourage productive manuscript writing, particularly by women and ethnic and minority men and women, who have been underrepresented in psychology journals.

ATTITUDE CHANGE

Friday, 1:00 - 3:00 pm
ALICE H. EAGLY, Purdue University, Moderator

1:00
Need for Cognition and the Sleeper Effect: Examining Hypothesized Persuasion Processes through Individual Differences
JOSEPH R. PRIESTER, Fordham University, DUANE T. WEGENER, Yale University, LEANDRE R. FABRIGAR, Ohio State University, & RICHARD E. PETTY, Ohio State University
The Elaboration Likelihood Model of persuasion predicts that a sleeper effect should be more likely to occur 1) when a strong message has been elaborated
and 2) when a negative cue follows the message. As predicted, only high need for cognition individuals who received a discounting cue exhibited the sleeper effect.

1:15
Functional Matches Versus Mismatches: Effects on Message Scrutiny
DUANE T. WEGENER, Yale University, & RICHARD E. PETTY, Ohio State University
High or low Self-Monitors encountered strong or weak appeals to image or quality. In contrast to traditional functional theories of attitudes, functional matches were not simply more persuasive than mismatches. Strong appeals were more persuasive than weak appeals to a greater extent when appeals matched rather than mismatched functions.

1:30
Attitude Importance and Resistance to Persuasion: A Process Analysis
JULIA R. ZUWERINK, University of Wisconsin-Madison (Sponsor: PATRICIA G. DEVINE, University of Wisconsin-Madison)
Subjects in favor of gays in the military heard a counter-attitudinal message. Cognitive and affective responses to the message were examined as mediators of subjects' final attitude. Results revealed that both the degree of resistance to the message and the process by which it occurred depended upon attitude importance.

1:45
The Impact of Attitude Accessibility on Cognitive Elaboration of Persuasive Messages
LEANDRE R. FABRIGAR, The Ohio State University, DUANE T. WEGENER, Yale University, JOSEPH R. PRIESTER, Fordham University, & RICHARD E. PETTY, The Ohio State University
The relationship between attitude accessibility and cognitive elaboration of persuasive messages was examined. After measuring the accessibility of subjects' attitudes on vegetarianism, subjects read either a strong or weak pro-vegetarian message. Accessibility had a significant impact on message elaboration. The moderating role of need for cognition was also explored.

2:00
The Relation between Age and Susceptibility to Attitude Change: A New Approach to an Old Question
PENNY S. VISSER & JON A. KROSNICK, Ohio State University
We examined attitude change across the life-span, controlling for potentially confounding differences in the experiences that individuals encounter. Our results strongly support the impressionable years hypothesis.

2:15
Self-Generated Thought, Transmitter Tuning, and Persistence in Attitude Change
JOHN D. DOWNING & TIMOTHY C. BROCK, Ohio State University
This study compares the Cognitive Organization explanation of the transmitter-persistence effect offered by Boninger et al. (1991) and the Interrupted Task explanation of the transmitter-persistence effect offered by Lassiter et al. (1993). We provide evidence for a new mediator of persistence in attitude change: self-generated cognitive responses.

2:30
How Speaker Confidence Helps and Hinders Persuasion
PAUL ZARNOTH, University of Illinois at Urbana
Pre-message and post-message attitudes of 111 participants were assessed. Heightened speaker confidence (in the accuracy of the message) increased attitude change if the arguments were strong but decreased persuasiveness if the arguments were poor. Topic relevance did not mediate effects of argument quality or speaker confidence.

2:45
How Does the Accessibility of Source Likability Influence Persuasion?
DAVID R. ROSKOS-EWOLDSEN, JACQUELINE BICHSEL, JOHN HILL & KATHLEEN HOFFMAN, University of Alabama
Research has demonstrated that increasing the accessibility of a source’s likability from memory results in more attitude change. This experiment demonstrated that as the accessibility of a source’s likability increases, subjects are more likely to critically process a message attributed to that source.

ATTRIBUTION AND CAUSAL UNCERTAINTY

Friday, 1:00 - 3:00 pm
Salon 4
DOUGLAS S. KRULL, University of Missouri-Columbia, Moderator

1:00 Invited Paper
Causal Uncertainty Beliefs and Related Goal Structures
GIFORD WEALEY & JOHN A. EDWARDS, Ohio State University
We present a model of motivation that employs the notion of individual differences in the chronic accessibility of causal uncertainty beliefs. We argue that uncertainty about one's understanding of causation has fundamental consequences for the goals adopted and for the manner in which social information is encoded, interpreted, stored, and acted upon.

1:30
Causal Uncertainty and Diagnostic Information Seeking
JILL A. JACOBSON & GIFORD WEALEY, Ohio State University
Low causal uncertainty participants engaged in more information seeking for same sex partners in the high utility condition while high causal uncertainty participants sought more information about opposite sex partners in this condition. There were no differences in the low utility condition for the number of high diagnostic questions selected.

1:45
Some Effects of Causal Uncertainty on Dispositional Attribution
JOHN A. EDWARDS & GIFORD WEALEY, Ohio State University
Subjects read a description of a behavior and situational information relevant to the behavior. Causally certain subjects adjusted their dispositional attributions of the target person for the situational information. Causally uncertain subjects did not, because of their lack of confidence in the situational information.

2:00
Self Vulnerability: The Moderating Effects of Belief in a Just World
ALAN J. LAMBERT, THOMAS E. BURROUGHS & TINA NGUYEN, Washington University in St. Louis
Subjects did, or did not, read an article about an AIDS patient and then estimated personal risks with respect to a variety of negative events. Compared to control conditions, subjects low in Belief in a Just World (BJW) showed higher, but subjects high in BJW showed lower, estimates of risk.

2:15
Invoking Naturalistic and Religious Attributions: A Test of the “God-of-the-Gaps” Hypothesis
MICHAEL B. LUPFER & ELIZABETH LAYMAN, The University of Memphis
This experiment tested the hypothesis that religious attributions ordinarily are not invoked until and unless naturalistic explanations have been first considered and found to be inadequate. Contrary to the “God-of-the-gaps” hypothesis, 177 subjects’ naturalistic and religious attributions were invoked conjunctively more often than disjunctively. Moreover their latencies when invoking religious attributions were actually shorter, contrary to prediction, than their latencies when invoking naturalistic attributions.

2:30
The Victim is Not Responsible: Framing Effects on Victim Perception
DEBRA K. EVANS-RHODES, University of Pittsburgh
To test the hypothesis that labeling an individual as a victim affects attributions of responsibility, subjects read an article in which a falsely accused individual is referred to as “the victim” or “the student.” Results support the hypothesis that less responsibility is attributed to individuals portrayed as victims.

2:45
Criminal Explanatory Style
PAMELA STEINKE & MELANIE REED, Central College
The dimensions of explanatory style were examined in a criminal population. The relationships between internality and globality and internality and stability were significant and positive for positive events but not negative events. The pattern for negative events is inconsistent with research using non-criminal populations but consistent with criminal rehabilitation programs.

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IMPLICIT MEMORY AND RESPONSE COMPETITION

Friday, 1:00 - 3:00 pm
Salon 7
R. ERIC LANDRUM, Boise State University, Moderator

1:00
Cross-Modal and Cross-Formal Priming on Implicit Tests of Memory: An Application of Process Dissociation
KRISHNA TATENENI & NEAL F. JOHNSON, The Ohio State University
Subjects saw an initial study list followed by a word-fragment completion test, with half the fragments coming from study-list words. Conscious and unconscious influences were assessed using Jacoby’s process dissociation procedure. Conscious influences were not affected by changes from study list to test list in either modality or case, but was reduced by dividing attention during study. Unconscious influences were reduced by modality changes, but not case changes or dividing attention.

1:15
Intentionality and Implicit Memory Performance
LESLEY A. MACGREGOR, Berry College, & ROBERT C. RADTKE, Southern Illinois University-Carbondale
The contamination of explicit retrieval strategies on implicit memory performance seemed to be a function of cue type. Subjects tested with word-fragments were more likely to engage in explicit attempts to recall than subjects tested with associative cues. The present findings were interpreted in terms of the task requirements.

1:30
Memory Retrieval in Sequence Learning
RUSSELL A. POLDRACK & NEAL J. COHEN, University of Illinois at Urbana-Champaign
Subjects performed a sequential reaction time task in which they saw twelve different five-position sequences. After 24 blocks of practice, subjects were transferred to new sequences, and the RSI was manipulated. Results suggest that learning in the task results from memory for specific sequences, rather than abstract transition knowledge.

1:45
Nature of the Representation Supporting Skilled Performance in a Digit-Entering Task
SCOTT L. SELCO, RUSSELL A. POLDRACK, & NEAL J. COHEN, University of Illinois at Urbana-Champaign
Subjects performed a digit-entering task and we assessed the nature of the representation supporting learning in this task. Performance during a transfer condition indicated that subjects acquire knowledge of up to second-order transition information. Results suggest that learning involves the use of specific instances as well as general knowledge about transitions.

2:00
Frequency of “Double Responses” as an Indicant of Response Competition in the Stroop Effect
JAMES D. ST. JAMES, Millikin University

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SYMPOSIUM

THE PSYCHOLOGY AND BIOLOGY OF TIME

Friday, 1:00 - 3:00 pm
Salon 5
ANTONIO A. NUNEZ, Michigan State University, Moderator & Organizer

Rhythms in Diurnal Mammals
LAURA SMALE, Michigan State University

Transplantation: A New Approach to Understanding Aging of the Circadian Pacemaker
SUSAN LABYAK, Northwestern University

Optimal Time of Day: Individual and Group Differences Matter
LYNN HASHER, Duke University
A single-trial version of the Stroop task was used to explore the role of response competition in Stroop interference. The frequency of double responses supports the claim that Stroop interference is a result of response competition, coupled with the automaticity of reading.

**2:15**
Evidence for Two-Stage Models of S-R Compatibility
ROBERT W. PROCTOR, Purdue University, & ADDIE DUTTA, Rice University
Three experiments evaluated an account of stimulus-response compatibility effects in which rule selection is followed by response selection through manipulating the ease of rule selection. Practice and pretraining results support the two-stage account with evidence that rule-selection and response-selection operate on similar principles.

**2:30**
Set-Level and Element-Level Compatibility for Different Manual Response Sets
HUIFANG WANG & ROBERT W. PROCTOR, Purdue University
We examined choice reactions to spatial or verbal stimuli with different manual response sets (bimanual keypresses, unimanual aimed movements, bimanual aimed movements). Differences in set-level compatibility were observed, and the magnitude of the element-level compatibility effect did not depend on the degree of set-level compatibility.

**2:45**
Locating the Simon Effect: An Analysis Based on Attentional Models
CYNTHIA CHMIELEWSKI & ADDIE DUTTA, Rice University
A dual-task procedure with go—no-go and letter discrimination tasks was used to determine the stage of processing affected by correspondence between irrelevant stimulus location and response location (the Simon effect). Contrary to response-selection accounts of the effect, it seems to arise at a stage of processing prior to stimulus-response translation.

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**SEXUAL HARASSMENT AND VIOLENCE**

**Friday, 1:00 - 2:45 pm**
**Salon 8**
**L. DENNIS CANNON, Indiana University-Purdue University, Moderator**

1:00 Invited Paper
**Toward a Theory of Sexually Harassing Behavior**
JOHN B. PRYOR & NORA WHALEN, Illinois State University
A general theoretical model of sexually harassing behavior is described. The model differentiates four types of sexually harassing behavior: 1) sexual exploitation, 2) sexual attraction/miscommunication 3) misogyny, and 4) homo-anathema. Analyses of the person and situational factors that produce each type will be discussed.

1:30
**The Attitudinal Antecedents of Rape Myth Acceptance: A Theoretical and Empirical Re-Examination**

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**KIMBERLY A. LONSWAY & LOUISE F. FITZGERALD, University of Illinois at Urbana-Champaign**

Burt (1980) concluded that rape myth acceptance was strongly related to adversarial sexual beliefs, tolerance of interpersonal violence, and gender-role stereotyping. However, the original measures of these constructs share an emphasis on hostile attitudes toward women. Using alternative measures, we demonstrate that hostility toward women can partially account for the relation.

**1:45**
**Pornography and Sexualized Violence: Links between Attitudes and Exposure**
JILL R. STEVENS, DAVID DILALLA & MYANH LE, Southern Illinois University (Sponsor: LINDA R. GANNON, Southern Illinois University)
In this pilot study, pornography acceptance and exposure were significantly related to attitudes toward the following: women, sex roles, rape myths, sexual aggression and coercion, rape prevention programs, and self-report coercive and sexually assaultive behavior. It appears that male pornography use may present a formidable barrier to rape prevention efforts.

**2:00**
“**If Only’s” and “Should Have’s”: A Study of Counterfactual Thinking and Judgments of Victim Blame**
LYNNE J. MOBILIO & EUGENE BORGIDA, University of Minnesota
To examine how people think about the victims of negative events, we constructed four scenarios describing a physical assault. Based on norm theory, we manipulated the routineness of the victim’s day as well as the prior probability of the assault. The victim of domestic violence who had deviated from her routine stimulated the most counterfactual thoughts and was seen as most responsible for the outcome.

**2:15**
**Sexual Harassment: An Experimental Test of Sex-Role Spillover Theory**
DIANA BURGESS & EUGENE BORGIDA, University of Minnesota
Participants read scenarios describing three types of harassing incidents (unwanted sexual attention, gender harassment, sexual coercion) in which the female target’s occupation was either traditional or nontraditional. Results indicated that sexual coercion was least likely to be labeled as harassment when the target was nontraditional, providing empirical support for sex-role spillover theory.

**2:30**
**Sex Role Identity and Its Relation to Male Attitudes Toward Sexual Coercion**
BRENDA L. RUSSELL & LAUREN PERDUE, Central Connecticut State University (Sponsor: E. CLARK, Saint Louis University)
College men responded to a survey assessing attitudes, beliefs and behaviors illustrative of date rape and tolerance of sexual harassment. Results indicated date rape was a highly significant predictor for sexual harassment. In addition, it was found that males high in masculinity were more tolerant towards sexual harassment.
1 Envy, Deservingness, and Pleasure at Another's Misfortune
NANCY L. BRIGHAM, MARK A. JACKSON, KIM KELSO & RICHARD H. SMITH, University of Kentucky
This study examined the effects of deservingness on schadenfreude (pleasure at another's misfortune). Undergraduates watched a videotape of a superior/average target person who deserved/did not deserve a misfortune that befell him. Deservingness had no effect, but the superior target person elicited schadenfreude regardless of the level of deservingness.

2 Sexual Outcasts: The Perceived Impact of Body Weight on Sexuality
PAMELA C. REGAN & KELLY CARYL, Albion College
Participants made inferences about the sexuality and interpersonal sexual experiences of a normal or obese, male or female stimulus person. Obese men were assumed to be as sexually attractive, warm, skilled, and experienced as normal weight men. However, obese women were viewed as less sexually attractive, warm, and skilled, less likely to feel sexual desire, and less able to attract a sex partner than normal weight women and obese men.

3 Differences in Perceived Causes of Male and Female Sexual Desire
PAMELA C. REGAN, Albion College, & ELLEN BERSCHEID, University of Minnesota
Participants in this study answered free response questions about the causal antecedents of male and female sexual desire. The results indicated that male and female sexual desire are believed to have different causes: Intraindividual and erotic environmental factors are believed to cause male sexual desire, but interpersonal and romantic environmental factors are believed to cause female sexual desire.

4 The Influence of Various Aspects of Sexuality on Related Humor Appreciation and Subsequent Mood
FRANK J. PREROST, Western Illinois University
Female participants were assessed on a number of components of sexuality including sexual anxiety previous to experiencing either an anger induction or nonarousal experimental condition. Mood state was measured following exposure to sexual, sexist or neutral humor. The effectiveness of humor to diminish anger was related to humor content and personal sexuality.

5 The Effect of Distraction on Sexist Humor Elicitation
JULIE A. WOODZICKA, AMY M. MILLER, KENNETH A. GRAETZ, ERIN L. MURPHY, ERIN C. RYAN & CHRISTINE M. SINTICH, University of Dayton
We investigated the effect of distraction and the relationship of sexist attitudes on the perceived funniness of sexist jokes. Distracted participants rated sexist jokes as more humorous than did undistracted participants. Surprisingly, this effect was not moderated by either gender or sexist attitudes toward women. A new elaboration-likelihood model of sexist humor elicitation is advanced.

6 Self-Regulatory Behavior and Academic Performance In Kindergarten Children
NICOLE J. SETZER & LAWRENCE C. PERLMUTER, Finch University of Health Sciences/The Chicago Medical School
Motor inhibition, motivational orientation, and anxiety were examined in relation to IQ in kindergartners (N=29). Intrinsic motivation and the ability to control walking speed independently contribute to IQ scores in kindergarten children. Moreover, higher state anxiety scores, while not correlated directly with IQ, reduced children's motor control or inhibition.

7 See No Evil, Hear No Evil, Speak No Evil: Effects of Visual, Musical, and Dialogue Components on Aggressive Cognition and Affect
JEFFREY L. DONAHUE, BRAD J. BUSHMAN, & JOANN M. SEAMANS, Iowa State University
Two experiments were conducted to test the independent and joint effects of aggressive visual images, spoken dialogue and music on aggressive affect and cognition. The findings underscore the necessity of understanding how these components work together to produce the overall effect that a film has on one's affect and cognition.

8 Is Mutability the Mediator of Emotional Intensity Following Action Versus Inaction?
AHOIGNI NG'BALA & NYLA R. BRANSCOMBE, University of Kansas
Subjects read a scenario about a person who either won a $500 prize or suffered food poisoning following an act he committed or omitted. Ratings of the actor's experience of regret were influenced by both action and outcome, however, the ratings of joy were due to outcome valence only.

9 On the Automaticity of Automatic Evaluative Priming
JOHN J. SKELLY, W. BLAIR, G. JARVIS & RICHARD E. PETTY, Ohio State University
The results of four experiments are reported assessing whether the automatic activation of attitude information necessarily implies automatic use of that information in influencing attitude and non-attitude judgments. Our results suggest that evaluative priming effects are moderated by attention to context information when processing judgment information.

10 Expectancies for Negative Mood Regulation among School-Aged Children: Initial Scale Development and Validation
SALVATORE J. CATANZARO & JEFF LAURENT, Illinois State University,
JACK MEARS, California State University, Fullerton, & SHARYN R. KROGEN, Illinois State University
Children in grades 4 through 8 (N = 79) completed the Children’s Depression Inventory and a new measure, the Youth form of the Generalized Expectancies for Negative Mood Regulation Scale (NMR-Y). Internal consistency, temporal stability, and a negative relation with depressive symptoms were demonstrated for the NMR-Y.

12
Pain, Irritability and Perceived Association of Aggressive and Ambiguously Aggressive Words
KATHRYN B. ANDERSON, CRAIG A. ANDERSON, KAREN F. DILL & WILLIAM F. DEUSER, University of Missouri-Columbia
Pain and chronic irritability were tested for their effects on the aggressiveness of word associations. Chronic irritability coupled with experience of pain resulted in the greatest association of aggressive words. Anger-provoking cues may therefore initiate aggressive cognitions for chronically irritable people.

13
Odor, Experiential Orientation, Mood, and the Availability Heuristic
GARY M. WONG & GERALD L. CLORE, University of Illinois at Urbana-Champaign
Exposure to a pleasant odor is hypothesized to induce a focus on subjective experience. Compared to subjects who solved syllogisms, those who rated pleasant odors showed greater susceptibility to mood and greater use of the availability heuristic, which depends on the experience of ease of retrieval.

14
Mood Regulation in Anticipation of Social Interaction: The Leave Me Alone Effect
NICOLE THERRIAULT & RALPH ERBER, DePaul University
This study examined the relationship between social interaction and mood. Subjects expecting to interact with a stranger spent less time watching a depressing video than subjects expecting to be by themselves. The results indicate that people are more likely to regulate their bad moods in response to situational constraints.

PERSON PERCEPTION

15
Category Activation as an Explanation for Correspondence Bias
MARK D. ALICKE & FRANK M. LOSCHIAVO, Ohio University
This research considers a new theoretical explanation for how correspondence bias operates. One consequence of the typical paradigm is that propositions related to the attitude issue become activated, and thus increase their availability and likelihood of being ascribed to a target. The results are consistent with a category activation model.

16
Victim Characteristics Influencing Attributions of Responsibility to Rape Victims: A Meta-Analysis
MARK A. WHATLEY, University of Kentucky
The present study used meta-analysis to investigate which victim characteristics influence the amount of responsibility assigned to rape victims. The characteristics examined were: clothing revealingness, victim character, physical attractiveness, and victim acquaintance. Results showed that physical attractiveness and victim acquaintance require further investigation. Potential moderators are discussed.

17
Misattributions of Friendly Behavior
ANGELA M. BARTOLI & KIMBERLY BRATCHER, Shippensburg University of Pennsylvania
Male and female observers viewed a brief videotape of a male/female interaction. The interaction which was initiated by either the male or the female was friendly, neutral, or unfriendly. Attributions of sexual interest were more often made by male observers to both male and female actors especially under friendly conditions.

18
The Role of Set Size and Distinctiveness in Illusory Correlation
SASIWimon SMITIPATANA, STEVEN S. POSAVAC & DAVID M. SANBON-MATSU, University of Utah, & SHARON SHAVITT, University of Illinois
Our study of group perceptions found that illusory correlations were more likely to form when the amount of information describing the majority group relative to the minority group was increased. Illusory correlation occurred even when no distinctive behavior was described. Implications concerning the processes underlying illusory correlation are discussed.

19
The Effect of Morningness-Eveningness on Distinctiveness-Based Illusory Correlation
LIZA L. WILLROTH & RANDALL A. GORDON, University of Minnesota-Duluth
The relationship between circadian variations and the formation of illusory correlation was examined. Subjects who participated at nonoptimal times (morning-types participating at night and evening-types during the day) formed significant illusory correlations; optimal subjects did not. These findings are consistent with viewing illusory correlation as a byproduct of a cognitively economical heuristic process.

20
Who Wears the Pants in Your Relationship?: How Control Affects Perceptions of Fault, Stability, and Satisfaction
ANN MARIE ZAK, College of Saint Rose, LAYLA HUNTON, RACHEL KUHN & JENNIFER PARKS, Ball State University
We believed that interpersonal control is a crucial variable in making judgments about intimate relationships. It was predicted that high control subjects would blame their partners more and themselves less for a recent conflict and experience less satisfaction and stability in their relationships than low control subjects. Results supported predictions.

21
Effects of Racism on Evaluations Depend on Stereotypicality of Target Information
CHRISTOPHER S. JONES, NEIL D. CHRISTIANSEN & MARTIN F. KAPLAN, Northern Illinois University
High (HP) or Low (LP) prejudice Ss evaluated black scholarship applicants
described by one or four, stereotypic or non-stereotypic traits. Findings suggest that groups differ not in disposition, but in readiness of HPs to activate dispositions given minimal negatively stereotyped information. LPs require larger amounts of such information to activate dispositions.

22
Personality and Subjective Well-Being: A Quantitative Synthesis of 118
Personality Traits
KRISTINA M. DE NEVE, Baylor University
This meta-analysis integrates 1450 correlations relating 118 distinct personality constructs with subjective well-being (SWB) to determine which specific traits are most closely linked with SWB. Results indicated that the most influential personality traits were trust, ego strength, hardiness, negative affectivity, neuroticism, perceived control, cognitive structure, and egoic tension.

23
The Elderly and their Subgroups: Are they One and the Same?
CHRISTOPHER S. JONES, Northern Illinois University, CAROLE S. SLOTTERBACK, Case Western Reserve University, & KIMBERLY K. POWLISHTA, Northern Illinois University
The purpose of this study was to assess the subgroups that are associated with the elderly. Through discriminant function analysis, distinct positive and negative subgroups were found. This suggests that people can encounter both positive and negative elderly targets, subgroup them, and consequently leave their global stereotype intact.

24
Implicit Attraction: Influence of Unconsciously-Formed Attitudes on Helping
STACY L. TAYLOR, Indiana University, JOHN F. DOVIDIO, Colgate University, & TODD NELSON, Michigan State University (Sponsor: RUSSELL H. FAZIO Indiana University)
This study examined whether implicit attitudes may be created by subliminal conditioning and whether and how these attitudes relate to behavior. Positive and negative semantic stimuli were subliminally paired with schematic faces resembling a male confederate. The confederate subsequently requested help. As predicted, the evaluations of the schematic faces were significantly related to liking for the confederate which in turn predicted helping.

25
Effects of Physical Androgyny on Ratings of Attractiveness
LAURA MADSON, Iowa State University
Are individuals whose gender is not readily apparent perceived as less attractive than individuals whose gender is easily identified? Participants rated the attractiveness of 35 faces, 18 of which were physically androgynous. These androgynous stimuli were rated as significantly less attractive than were stimuli with a clearly identifiable gender.

26
Mind Over Matter: IQ Versus Need for Cognition as Mediators of Recovery From Biased First Impressions
RANDALL E. OSBORNE, BRANDY R. FINFROCK & KEEN WEADICK, Indiana University East
For subjects with a biased first impression of a target person, those scoring high on Need for Cognition recovered more than any other group. Findings suggest that Need for Cognition is a better predictor of who will recover from bias than IQ. Implications for person perception research are discussed.

27
Racial Preference and Identification among African-American and Caucasian Boys
SERENA CHU, IFFAT MOBIN-UDDIN, & MARTY JOHNSON, Ohio State University (Sponsor: WILLIAM VON HIPPEL, Ohio State University)
Our research explored doll preferences among six and seven-year-old African-American and Caucasian boys. Results revealed that African-American and Caucasian children both preferred dolls of their own race. However, both sets of children felt that other people would prefer the Caucasian dolls over the African-American dolls.

28
Thought Suppression and Impression Formation: A Self-Induced Contrast Effect
LEONARD S. NEWMAN, KIMBERLEY J. DUFF & DANA A. HEDBERG, University of Illinois at Chicago
Subjects spoke for five minutes about familiar others. Some suppressed thoughts about specific traits, while others (controls) just had those traits mentioned to them. Control subjects subsequently assimilated impressions of an ambiguous target person to the primed traits, but suppression produced contrast effects. Thought suppression may have significant interpersonal consequences.

29
When do Spontaneous Inferences Occur? An Investigation of Dispositionally Focused and Situationally Focused Perceivers
JODY C. DILL, DOUGLAS S. KRULL & DARIN J. ERICKSON, University of Missouri-Columbia
Dispositionally focused and situationally focused perceivers viewed a silent videotape of an anxious target and answered behavior interpretation, dispositional, and situational questions. Reaction time data suggested that dispositional inferences, but not situational inferences may occur spontaneously.

30
Majority Influence and Behavior Perception
MELISSA J. BEERS & G. DANIEL LASITER, Ohio University
The impact of consensus information on behavior perception was examined. Regardless of their initial impressions of a target (positive or negative), subjects unitized the target's behavior less finely (i.e., employed an avoidance strategy) when consensus information indicated the majority opinion of the target was negative.

31
The Relationship Between Need for Cognition and Person Memory
PAMELA D. HALL, Hampton University
This study was done to determine if individuals High versus Low in Need for Cognition had better person memory and organization. Subjects read four
items about four targets. The results were conclusive. These findings extend the effects of Need for Cognition from a single to a multi-target setting.

32 Congruence of Self and Other Appraisals Under Two Observational Modalities
VYTENIS B. DAMUSIS, Purdue University Calumet, & LINA T. DAMUSIS, Purdue University West Lafayette
Spontaneous videotaped performances by 39 female subjects varying in measured self-appraisal were rated by two randomly assigned groups of judges under two observational conditions: See-Hear and Hear Only. Observers who viewed and also heard the subjects produced more positive ratings than observers who only heard the target’s performance. While observer ratings were directly related to the target self-appraisals in both conditions, the relationship was stronger in the See-Hear condition. The addition of nonverbal cues produces a more accurate impression of another person as assessed against self-report.

33 The Perception of Interpersonal Episodes
MARJORIE A. LOGAS & JOHN ADAMPOULOS, Grand Valley State University
Episode identification depends on action frames and abstract interaction rules. Participants were exposed to partial instantiations of rules, and were asked to recognize episodes involving different frames. Frame type had a significant effect on recognition. This effect was modified by the type of rule represented by the specific episode.

There are no posters numbered 34-50.

SOCIAL COGNITION

51 Attitudes Toward Homosexuality and Importance of Sexuality in Self-Concept
DEBRA J. MANNING, University of North Dakota
Examined the relationship between attitudes toward homosexuality and participants’ rankings of sexuality in their concept of self. Results indicated that attitudes toward homosexuality were negatively related to subjects’ rankings for males only. Specifically, males with more negative attitudes ranked sexuality as a more important part of their self-concept.

52 Homosexuality and AIDS in the Popular Media: Can Movies Effect Attitude Change?
DEBRA J. MANNING, University of North Dakota
Examined whether people’s attitudes toward homosexuality and AIDS can be influenced by portrayals of these topics in the popular media. Results indicated that participants’ attitudes were: 1) most negative toward the homosexuality/AIDS movie 2) altered most positively following the AIDS only movie than following the homosexuality/AIDS movie or control.

53 Attitude Toward Abortion: Importance of Religion vs. Fundamentalist Beliefs
JOEL ROYALTY, Murray State University
In a sample of 232 Christian undergraduates, commitment to religion per se accounted for a greater proportion of variability in attitude toward abortion than did attitudes toward cultural issues associated with Christian fundamentalism (Biblical inerrancy, sexually explicit entertainment, personal conscience vs. religious teaching as a guide to behavior, and traditional marriage).

54 Motivated Inference in Judgments of General and Specific Events
DAVID C. HOUGHTON, University of Cincinnati, PERILOU GODDARD, Northern Kentucky University, & FRANK R. KARDES, University of Cincinnati
Participants estimated the likelihood of general and specific, positive and negative, and self- and other-related events. Positive events were judged as more likely than negative events when these events concerned the self (vs. another) or when the events were general (vs. specific), consistent with the implications of construal theory (Griffin & Ross, 1991).

55 Confirmation Bias in Intuitive Prediction
STEVEN S. POSAVAC, DAVID M. SANBONMATSU, University of Utah
Our experiments demonstrated that the tendency to perceive events as more plausible than is possible underlies the assignment of inflated probabilities to hypothesized events. Our findings indicate that this subjective overestimation is due to confirmatory processing.

56 Confidence in Forecasts: Agreeing and Disagreeing with Extreme and Typical Advice
KRISTINE M. KUHN, DAVID S. SPURLOCK & JANET A. SNIEZEK, University of Illinois at Urbana-Champaign
Subjects were asked to generate either supporting or contradicting reasons for either deviant or typical long-range forecasts, presented as “advice” from another subject. Results show that subjects’ confidence in their own subsequent forecasts was influenced both by the alternative considered and how it was processed.

57 The Development of Sensitivity to Social Meaning in Patterns of Motion
JO A. MEIER, DIANE S. BERRY & KEN SPRINGER, Southern Methodist University
Preschoolers and adults viewed versions of the Heider and Simmel (1944) film. Responses to series of probe questions assessed their social attributions regarding the film. Results revealed that although children’s and adults’ impressions reflected similar social themes, there was less consensus among children’s perceptions than among those reported by adults.

58 Health and Ironic Processes: The Mental Control of Perceived Nasal Congestion
ALEXIS BROOME & DANIEL M. WEGNER, University of Virginia
We examined subjects' ability to control the amount of nasal congestion they felt while they were under high or low cognitive load. Results showed that subjects were able to control congestion under low load, but under high load they felt the symptom opposite the one they were trying to feel.

59
Changes Over Time to Victim and Perpetrator Narrative Biases
ARLENE M. STILLWELL, SUNY Potsdam, & ROY F. BAUMEISTER, Case Western Reserve University
Victim and perpetrator narrative biases increased over time. Victims emphasized their negative outcome and downplayed information that explained the perpetrator's actions. Perpetrators tended to feature mitigating or extenuating circumstances and downplayed information regarding the negative outcome. The passage of time increased the role-based narrative biases.

60
The Believability of Hearsay Testimony
JONATHAN M. GOLDING, SANDRA A. SEGO & REBECCA R. POLLEY, University of Kentucky (Sponsor: T. ZENTALL, University of Kentucky)
The believability of hearsay testimony was assessed using mock juries. Subjects read a fictional trial summary and completed a questionnaire concerning their judgments of the case. Hearsay testimony alone had as great an effect on juries as the victim's testimony and both were more effective than when neither testified.

61
A Ubiquitous Contrast Effect in Judgments of Performance Quality
RODNEY R. FUNK, GLENN D. REEDER & GORDON M. REDDING, Illinois State University
Judgments about the quality of a neutral target performance were contrasted in relation to contextual performances. This effect was not diminished when the same person performed both the contextual performances and the target performance. However, contrast was influenced by whether the context and target were presented simultaneously vs. sequentially.

62
Priming Causal Explanations
RICHARD C. SHERMAN, ANNA M. GOLDBAHN & KATHERINE A. SINAI, Miami University
Subjects attributed causes for several behavioral events and then completed a timed recognition test for items of context information that accompanied each event. Recognition was primed more by items that were consistent versus inconsistent with the causal locus implied by the bulk of the information.

63
Cognitive Dissonance or Self-Perception: That Is the Question
KARIN L. CAMPBELL, TERRY L. ALLEMAN & G. DANIEL LASSITER, Ohio University
Steele, Southwick & Critchlow (1981) presented evidence that drinking alcohol after engaging in counterraditional behavior can reduce cognitive dissonance. The present study employed Bem's interpersonal simulation method to Steele, et al.'s Study 2 to show that the more parsimonious self-perception theory (Bem, 1967) can explain the results obtained.

64
The Numeric Values of Rating Scales Change the Meaning of Scale Labels
CARLA E. GRAYSON & NORBERT SCHWARZ, University of Michigan, & HANS J. HIPPLER, Gesellschaft fur Zeitungsverlage
Two experiments demonstrate that the numeric values presented as part of a rating scale (e.g., 1 to 11 vs. 0 to 10) may change the meaning of the scale's verbal endpoints, resulting in different substantive ratings. This holds true for evaluative judgments as well as behavioral reports. Implications for scale construction are discussed.

65
When Money Backfires: Communicative Implications of Rewarding Better Reasoning Performance
MARKUS KEMMELMEIER & HERBERT BLESS, University of Heidelberg, & GERD BOHNER, University of Mannheim (Sponsor: NORBERT SCHWARZ, University of Michigan)
Using a conversational framework we predict that monetary incentive can have a detrimental effect on logical reasoning performance. When conceptual knowledge is poor individuals use the experimenter's promise of performance-contingent reward as a cue to (mis-)interpret the experimental situation. An initial study that used the Wason card selection task confirmed these predictions.

66
Atonement: Self-Prescriptive Stigma Management
BRUCE BLAINE, Hope College, & JON E. GRAHE, University of Toledo
Subjects participated with a stigmatized partner whose failing was represented as either controllable or uncontrollable. After the partner atoned for his stigma by either acknowledging it to the subject or declaring an intention to change, subjects evaluated the partner. Atonement as a self-prescriptive tactic altered subjects perceptions of the partner with the controllable mark.

67
Categorization of Moral and Immoral Behaviors
KAREN CATES, EVA GILBOA & DAVID MESSICK, Northwestern University
Impression formation theories are extended to predict cognitive biases in the categorization of moral and immoral acts. Reaction times indicated faster categorization into the moral category, faster categorization of extreme acts, and a category by behavior interaction. Implications of this data for cue-diagnosticity and expectancy-contrast theories are discussed.

68
Attachment Style Differences in Ego Identity Status and Self-Concept
NEBI SUMER & CATHERINE COZZARELLI, Kansas State University
Overall, this study showed that individuals with different attachment styles differ on both identity status and self-concept variables. Secures obtained the highest scores on self-concept clarity and self-esteem, fearfuls were most likely to be diffusion, preoccupicps were the highest in moratorium, and dismissives were the least likely to be foreclosed.

69
Self Evaluation and Evaluation by Others: The Effect of Student Estimates of Grades on Exam Performance, Previous Beliefs, and Reactions to Obtained Grades
BRIAN C. CRONK, Missouri Western State College
The effect of having students perform self evaluation during an exam was studied. It was found that students overestimate their performance before taking the exam, and underestimate it after the exam. It was also found that having students perform self evaluation during the exam produced more accurate estimates than when students do not estimate their grades during the exam.

70 The Effect of Race on Juridical Civil Case Judgments
AMIE R. MAJERNIK & LEA T. ADAMS, Illinois State University
This mock jury study examined how jurors’ prejudicial attitudes and the race of the defendant and plaintiff affects the monetary awards granted in civil suits. Results indicate that when the defendant was white, the jury selected a higher monetary amount to be awarded to the plaintiff, regardless of plaintiff’s race.

71 The Role of Social-Communicative Context in Talking Versus Thinking About Negative Emotional Reactions
MARNIE MENDOLIA, The University of Mississippi, ROBERT E. KLECK, Dartmouth College, & STEPHEN A. HEARNE, The University of Mississippi
Subjects talked or thought about their emotional reactions to a negative video in the presence (Study 1) or absence of a listener (Study 2). In Study 1, talk-condition subjects were less responsive to a video re-exposure than were think-condition subjects; in Study 2, they were more responsive to the re-exposure than were think-condition subjects.

72 Nonverbal Behavior and Argument Strength: Effects on Credibility and Persuasion
DAWN M. HART, DEANA L. JULKA & KERRY L. MARSH, University of Notre Dame
Moderately and highly involved subjects watched a speaker who exhibited neutral or negative nonverbal behavior and presented strong or weak arguments. Argument strength directly affected agreement for moderately involved subjects. Message thoughts mediated this effect for highly involved subjects. Argument strength may elicit agreement through both heuristic and systematic processes.

73 Thought Rebound and Obsessionality
PATRICIA C. RUTLEDGE, ROBERT A. HANCOCK & LISA R. HALE, Lincoln University
Daniel Wegner posited that the thought rebound phenomenon underlies obsessionality. The present findings dispute this assertion. Specifically, an unexpected correlation between thought rebound scores and scores on the Maudsley Obsessive-Compulsive Inventory was obtained for 47 black undergraduates; for 131 white undergraduates, the correlation also was negative, but nonsignificant.

74 How Do We Blame Others?: An Examination of an Attributional Model
JOSEPH W. HUFF, Northern Illinois University, & WALTER G. STEPHAN
New Mexico State University
We examined the components of Shaver’s (1985) attributional model of blame assignment. Substantial support was found. The attributional categories of causality and responsibility do predict blame responses rather well. Further, the temporal relation of causality and responsibility attribution preceding blame judgments receives support.

75 The Role of Stereotype Activation in Blame Judgments
JOSEPH W. HUFF, Northern Illinois University, & WALTER G. STEPHAN, New Mexico State University
Three propositions were extrapolated from the selective processing hypothesis developed by Bodenhausen (1988) which describes that stereotypes act as a heuristic device resulting in increased attention to stereotype consistent information. Support was found for outcome results in that negative stereotype activation yielded more severe judgments. Little evidence was found supporting the selective processing nature of stereotypes.

76 Examining the Self-Presentational Underpinnings of Cognitive Other Enhancement
KEVIN TAYLOR & JAMES A. SHEPPERD, University of Florida
Will people uncertain of the outcome of a competition perceive their opponent as advantaged? The present study examines this possibility within a social comparison framework. We found the tendency to perceive a target as advantaged was moderated by the timing of the performance, but unaffected by self-presentational concerns and anticipation of performance feedback.

77 Accessibility, Inaccessibility, and Attitude Judgments in Different Contexts
DANIEL J. WHITAKER & LEONARD L. MARTIN, University of Georgia
Subjects rated normatively accessible and inaccessible attitude items in terms of importance or trivialness. The accessible items did not differ in importance as a function of judgment type. However, the inaccessible items were rated as more important when ratings were made on the dimension of trivialness vs. importance. This suggests that inaccessibility may be used as information in making a judgment.

78 Correspondence Bias: The Effects of Information From Others
TIMOTHY J. LAWSON, College of Mount St. Joseph, & ARTHUR G. MILLER, Miami University
Participants read abortion essays and received no information, an argument supporting the target person’s constraint, or prior information about the target from a “fellow classmate” who suggested the target person held an essay-inconsistent attitude. The CB was substantially attenuated by the constraint argument and was reversed by prior information.

79 The Persuasive Efficacy of Mystery Messages
ELIZABETH C. LANTHIER & RUSSELL H. FAZIO Indiana University
A counterattitudinal editorial either did not reveal that the topic of the message was nuclear power until the very end (mystery) or did so at the very
beginning (non-mystery). The mystery message was relatively more effective among those high in Need for Cognition; the reverse was true among the low.  

80  
A Comparison of Influences on Behavioral Intention  
R. E. THOMAS & BARBARA K. MACKINAW, Otterbein College  
We examined the relative influence of five different variables proposed to account for behavioral intention. Across five different issues we found each component of the model (attitude, subjective norm, perceived behavioral difficulty, enjoyability of the behavior, and perceived behavior of friends) was a significant predictor of behavioral intention. Subjective norms appeared to be least influential of all the factors.  

81  
Differential Response to Juvenile Versus Older Adult Criminal Offenders: An Attributional Analysis  
AMY J. POSEY & JONATHAN T. BOULTON, University of Kansas  
Subjects generated explanations for the criminal behavior of offenders ranging in age from 12 to 30 years. Explanations were coded along the attributional dimensions of locus, stability, and controllability. Behavior of young offenders was more frequently attributed to external, stable, uncontrollable factors than that of older offenders.  

82  
Sex-Types in the 90’s: Implications for the Bem Sex-Role Inventory  
SUSAN A. TICE & GARY M. SCHUMACHER, Ohio University  
Recent research suggests that the Bem Sex-Role Inventory items no longer reflect the attitudes our culture has about the sexes. One hundred twenty subjects rated 500 personal attributes for a man and a woman. Results of two experiments produced a list of masculine and feminine attributes, of which only 21 of the 40 BSRI items were retained.  

83  
Student Confidence and Study Decisions as a Function of Motivation, Ability, and Opportunity  
CARLA J. RECKS & IRWIN P. LEVIN, University of Iowa  
The effects of motivation ability, and opportunity on student attitudes and study decisions were investigated. All three variables played a role in student confidence and behavior. The relative importance and pattern of interactions of the variables are discussed in developing a framework for extending the investigation of these three constructs.  

84  
Adolescent Sexual Behaviors, Beliefs, and Knowledge: A Comparison of Teenage Parents and Their Nonparent Peers  
J. L. KEMP & VEA NNE ANDERSON, Indiana State University  
Adolescent males' and females' attitudes toward contraception and pregnancy, knowledge of human sexuality self esteem, assertiveness, and family relationships were assessed. Results indicated that attitudes toward pregnancy and knowledge of human sexuality were influenced by gender ethnic background, and parenting status. 

85  
A Meta-Analytic Investigation of the Theory of Planned Behavior  
RANDALL A. GORDON, University of Minnesota, Duluth  
A comprehensive search was conducted to find empirical research on the predictive validity of Ajzen's (1985) theory of planned behavior. The data revealed a small to moderate mean effect size for the relationship between perceived control and intention and a smaller effect for the relationship between perceived control and behavior or outcome. The impact of several significant moderator variables is discussed.  

86  
The Role of Peers and Belonging in African-American Academic Performance  
ROBERT E. WOODS, MARTIN P. GOODEN & WILLIAM VON HIPPEL, Ohio State University  
We hypothesized that as the percentage of African-American students increases, African-American students would experience an increased sense of belonging, which was expected to lead to a higher GPA, higher self-esteem, and better health. Path analyses of a survey of 700 African-Americans provided support for these predictions.  

APA DISTINGUISHED SCIENTIST LECTURE  
FAMILIES IN TRANSITION: DIVORCE AND REMARRIAGE  
E. MAVIS HETHERINGTON, University of Virginia  
Friday, 1:30 - 3:00 pm  
H. HILL, GOLDSMITH, University of Wisconsin, Moderator  
Monroe Room  
MPA thanks the American Psychological Association for its sponsorship of this lecture.  

PRESIDENTIAL ADDRESS  
ATTENDING AND REMEMBERING  
ROSE T. ZACKS, Michigan State University  
Friday, 3:30 - 4:30 pm  
DAVID C. RICCIO, Kent State University, Moderator  
Monroe Room  

BUSINESS MEETING  
REPORTS OF MPA BUSINESS FOR 1994-95  
Friday, 4:30 - 5:30 pm  
Monroe Room
MEETING OF THE LOCAL REPRESENTATIVES
Friday, immediately following the Business Meeting
Monroe Room
RUTH H. MAK, North Dakota State University &
JUDITH E. OWEN BLAKEMORE, Indiana University-Purdue University, Moderators

**SOCIAL HOUR**
Friday, 5:00 - 7:00 pm
Adams Room

PSYCHOTHERAPY AND INTERVENTION
Saturday, 8:30 - 10:15 am
Salon 1
F. RICHARD FERRARO, University of North Dakota, Moderator

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tr>
<td>8:30</td>
<td>Invited Paper</td>
<td>Discourse in Child and Adult Psychotherapy</td>
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<td>ROBERT L. RUSSELL, Loyola University of Chicago</td>
<td>P-technique analyses of discourse in child and adult psychotherapy are presented and compared. First, child and adult clients’ and child and adult therapists’ discourse contributions are assessed. Next, their structures of interaction over 2-lags of conversation are compared. Results are discussed in terms of clinical and developmental theories of discourse.</td>
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<tr>
<td>9:00</td>
<td>A Comparison of Random and Selective Assignment to Cognitive or Behavioral Therapy of Depression</td>
<td>MICHAEL WIERZBICKI, Marquette University</td>
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<td>Sixty depressed clients were treated by graduate students using either cognitive or behavioral therapy. Therapy type was determined either randomly (n = 24) or selectively (based on the client’s initial presentation; n = 36). Both treatments were found to be equally effective. However, randomly assigned treatment was as effective as selective treatment.</td>
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<tr>
<td>9:15</td>
<td>Rural Clients’ Preferences Regarding Psychotherapy</td>
<td>ALPHONS J. RICHERT, Western Illinois University</td>
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<td>Convergence of factor analyses of role preference data from two samples of applicants for psychotherapy from rural areas suggests that clients vary primarily in terms of their preference for active problem exploration. Focus on personal experience or on situational circumstances, therapist characteristics, and relationship quality were not found to be important dimensions of these clients’ preferences regarding treatment.</td>
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<tr>
<td>9:30</td>
<td>Korean-Americans’ Perceptions of Mental Health Service Providers</td>
<td>JIN YONG SHIN &amp; GERSHON BERKSON, University of Illinois at Chicago</td>
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We examined Korean-Americans’ perceptions of mental health service providers in terms of acculturation. Degree of acculturation was not related to perceived helpfulness of professionals although the more acculturated had more positive attitudes toward professionals than the less acculturated.

9:45
The Use of Exposure in the Treatment of Bulimia Nervosa
JULIE A. NELSON-KUNA, LARRY GRIMM & AUDREY RUDEMAN, University of Illinois at Chicago
This study was designed to compare two variations of cognitive-behavior therapy for bulimia nervosa. One group received CBT plus the standard use of exposure and vomiting prevention procedures (EVP). The other group received a new treatment, exposure and binge prevention (EBP), developed for this study. Both groups showed significant improvement on all measures from pre-treatment to post-treatment. However, subjects in the EBP group obtained significantly improved scores on several measures. Implications for treatment and theoretical understanding of bulimia will be presented.

10:00
Use of the Nicotine Transdermal Patch in Hospitalized Patients: A Lost Opportunity
JEAN L. KRISTELLER, Indiana State University
Consecutive patients prescribed the nicotine transdermal patch (N=52) were surveyed. 29% of the prescriptions were initiated by the patient. The patch was used both to reduce withdrawal symptoms in a smoke-free setting and to facilitate smoking cessation. However, fewer than 10% of patches were provided in conjunction with recommended behavioral counseling.

EVENT MEMORY
Saturday, 8:30 - 10:30 am
Salon 2
JANICE N. STEIN, Georgia Southern University, Moderator

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<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tr>
<td>8:30</td>
<td>Autobiographical Memory: Pleasantness and Unpleasantness Fade with Time</td>
<td>W. RICHARD WALKER, CHARLES P. THOMPSON &amp; RODNEY J. VOGEL, Kansas State University</td>
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<td>Memory for personal events was tested after intervals ranging from a few days to almost five years. Subjects made pleasantness ratings both during recording and during testing of the events. These data show that judgments of pleasantness or unpleasantness of an event become less extreme as retention interval increases.</td>
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<td>8:45</td>
<td>The Impact of a Calendar Upon Event Dating</td>
<td>JEFFREY A. GIBBONS &amp; CHARLES P. THOMPSON, Kansas State University</td>
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<td>We investigated whether the use of a calendar drives the day-of-week effect found in past diary research where subjects date autobiographical events. To obtain a day-of-week effect, a calendar is not necessary during a regular semester but it is necessary during a summer session.</td>
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9:00
Intra-Stimulus Interactions in the Recall of Spatial and Temporal Occurrence
ADDIE DUTTA & KELLY NEVILLE, Rice University
Two experiments showed that recall of an item's spatial or temporal position depends on the relation between these dimensions at the time of study even when subjects are cued to attend only to either spatial or temporal position. Evidence was also found for the relative dominance of spatial processing.

9:15
The Use of Affect as Information in Memory
ROLF REBER, University of Michigan at Ann Arbor (Sponsor: NORBERT SCHWARZ, University of Michigan at Ann Arbor)
We tested the recall of affective versus neutral words learned under shallow versus deep level-of-processing (Lop) conditions. In four experiments affective words showed higher recall under shallow but not deep LOP conditions. This result supports the hypothesis that affective information of stimuli is only used when the items are not conceptually organized.

9:30
The Effects of Anxiety on Memory for Central and Peripheral Details of Events
PENNEY NICHOLS-WHITEHEAD, University of Iowa (Sponsor: TERRY LIBKUMAN, Central Michigan University)
Sixty-seven subjects, classified as anxious or non-anxious on state and trait anxiety scales, viewed neutral or anxiety-inducing slide stories. A recognition test assessed memory for central and peripheral details of the story. Results indicate the effects of state anxiety on memory for peripheral details may be curvilinear.

9:45
Correlates of Eyewitness Accuracy
KERRI L. PICKEL, Ball State University
This purpose of this research was to determine which valid cues subjects use to assess eyewitness accuracy. Experiment 1 identified seven cues. The results of Experiment 2 showed that mock jurors were better than chance at discriminating accurate from suggested reports and revealed which cues they primarily utilized in making these discriminations.

10:00
Effects of Multi- vs Single-Modality Presentation of Repeated Suggestions on Source Misattribution Errors
KAREN J. MITCHELL & MARIA S. ZARAGOZA, Kent State University
We investigated source misattributions as a function of repeated exposure to misleading suggestions in either a single modality or multiple modalities. While errors increased as a function of number of exposures overall, the increase was greater for subjects exposed to suggestions in three modalities than those exposed via single modality.

10:15
The Role of Recollection in Feeling-of-Knowing Judgments
ROBERT L. WIDNER, JR., Texas A&M University
Dividing attention when making feeling-of-knowing (FOK) judgments reduced the frequency and accuracy of FOKs relative to a full-attention condition. Further, cue priming increased the frequency of FOKs under full but not under divided-attention conditions. These findings suggest that recollection is critical in reporting FOKs.

SYMPHONY
THE ROLE OF CONTEXT AND CATEGORIZATION IN PAIRED COMPARISON
Saturday, 8:30 - 10:30 am
DOUGLAS H. WEDELL, University of South Carolina, Moderator & Organizer

Effects of Categorization on Color Perception
ROBERT GOLDSTONE, Indiana University

Contrast Effects in Paired Comparisons: A Test of Three Models
DOUGLAS H. WEDELL, University of South Carolina

Memory Psychophysics and Fundamental Measurement: Similarity Comparisons with Perceived and Remembered Magnitudes
WILLIAM M. PETRUSIC, Carleton University

The Effects of Context on Comparative Judgment and Property Verification
KEVIN SAILOR, Lehman College, CUNY

Types of Categorization in Comparative Judgments
EDWARD J. SHOBEN, University of Illinois

SYMPHONY
UNDERGRADUATES AS EXPERIMENTAL SUBJECTS: TRENDS, ISSUES, AND CONCERNS
Saturday, 8:30 - 10:30 am
R. ERIC LANDRUM, Boise State University, Moderator & Organizer

Evaluating Research Projects via Credit Slips
RICHARD L. MORELAND, University of Pittsburgh

Departmental Subject Pool Policies: A Hindrance to Analogue Research?
JOSEPH J. PLAUD, University of North Dakota

Formation and Role of Department Ethics Committees
ELEANOR MIDKIFF, Eastern Illinois University

The Role of the IRB
VERN C. HALL, Syracuse University

Beginning a Subject Pool: Approval of Initial Subject Pool Guidelines by the IRB
GARVIN CHASTAIN, Boise State University

Ethical Concerns of the IRB When Undergraduates are Experimental Subjects
K. W. JACOBS, Loyola University of Chicago
We examined the role that personality traits and social categories play in retrieving known exemplars. Subjects retrieved exemplars either with a trait-based cue ("name 'kind' people") or a category-based cue ("name 'women'"). Differences were found in which persons were retrieved and in what ways these names were retrieved.

9:00
The Role of Situational Information in Person Memory
JENNIFER L. WELBOURNE & MARILYNN B. BREWER, Ohio State University
Participants received expectancy-consistent, inconsistent, and irrelevant behavioral information about an individual. When the location in which the behaviors occurred was provided, recall was enhanced and participants recalled equal amounts of expectancy-consistent and expectancy-inconsistent behaviors. Two models are proposed to explain how individuals may be using situational information.

9:15
Culture and Spontaneous Trait Inference
KIMBERLEY J. DUFF, LEONARD S. NEWMAN & CHRIS WOLSKO, University of Illinois at Chicago
Under memory instructions, subjects were presented sentences that were causally ambiguous. Subjects high in idiocentrism had higher trait cued recall than low idiocentrics, but there was a negative correlation between idiocentrism and situation cue. Subjects low in idiocentrism demonstrated superior recall with a situation cue rather than a trait cue.

9:30
Correspondence between Self and Peer in the Response-Time Processing of Trait Judgments about the Self
ROBERT W. FUHRMAN, University of Texas at San Antonio, & DAVID C. FUNDER, University of California at Riverside
Response-time patterns from self-ratings were compared with traits attributed to the person by friends. Peer-ratings were nearly as accurate as self-ratings in predicting these RT patterns. Moreover, extreme self-ratings were predictive of quick peer-judgments. This suggests that schemas formed of a person by peers are similar to the person's own self-schema.

9:45
Personality Traits and Social Categories as Retrieval Cues
AMY S. HARASTY & MARILYNN B. BREWER, The Ohio State University

9:00
Executive Processes in Cognition
PATRICIA SIPLE, Wayne State University, Moderator

8:50 Invited Paper
Research on Private Speech: Implications for Children with Serious Learning Problems
LAURA E. BERK, Illinois State University
Research on the social origins, development, and functional significance of private speech in normally achieving children and children with serious learning problems (attention deficits, impulsivity, and learning disabilities) is reviewed. Implications of Vygotsky's sociocultural theory for intervention are discussed.

9:00
Individual Differences in IQ Scores Moderate Effects of Choice on Performance in Kindergarten Children
K. S. ANDERSON & L. C. PERLMUTER, University of Health Sciences/The Chicago Medical School
Allowing individuals to choose materials to be learned enhances the perception of control which, in turn, increases motivation and improves performance. Results indicate that in kindergartners choice improved paired-associate learning only for high IQ children, while for lower IQ children choice failed to enhance performance.

9:15
The Training and Transfer of Insightful Problem Solving
PAMELA L. DALLOB & ROGER L. DOMINOWSKI, University of Illinois, Chicago
To train insightful problem solving, we used strategy instructions and practice that included guided solution and problem comparison procedures. Subjects who went through the training solved more test problems than control subjects. These results demonstrated that insightful problem solving can be conceptualized as a general thinking skill.
9:30 Motivational Determinants of Expectancy Use in Reconstructive Memory  
HUGH E. MCDONALD & EDWARD R. HIRT, Indiana University  
Bloomington  
Subjects were given a likeable, unlikeable, or neutral student's midterm grades  
and an expectancy that the student would improve or decline. Following  
receipt of outcome information, memory for the midterm grades was assessed.  
Results supported the hypothesis that subjects' motivations to see certain outcomes  
would determine their use of expectancy information at retrieval and  
thus affect expectancy-congruent distortion.

9:45 Mood and Gender Effects upon Impression Formation and Memory  
KATHRYN A. MEYER, University of Nebraska-Lincoln & DAVID A.  
BORGEAL, University of Iowa (Sponsor: JOHN H. FLOWERS, University of  
Nebraska-Lincoln)  
The present study investigated the effects of mood and gender on impression  
formation and memory. Subjects, randomly assigned to a manipulated mood  
condition, read different descriptions, each consisting of positive and negative  
traits, about four stimulus characters. Main and interactive effects between  
gender and mood were found.

10:00 Unforgettable: Do We Really Forget What We're Told to Forget?  
LORI CLANCY McKinney & ADDISON E. WOODWARD, Governors State  
University  
Subjects who were told to forget selected words from a presentation list  
recalled and recognized these words less well than words they had been  
instructed to remember. These findings did not extend to performance on a  
word completion task, where to-be-forbidden words as frequently as to-be  
 remembered words.

10:15 Working Memory Capacity as Controlled Attention  
NATALIE A. ORANSKY, Appalachian State University, & RANDALL W.  
ENGLE, University of South Carolina  
The process dissociation procedure was used to determine whether High and  
Low working memory capacity subjects differ on the parameters reflecting  
automatic or intentional processing. Results show that controlled processing  
estimates were higher for High WM span subjects, but this difference  
disappeared when the memory task was performed under load.

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**COOPERATION AND COMPETITION**

Saturday, 8:30 - 10:30 am  
Salon 8  

**LAWRENCE T. WHITE**, Beloit College, Moderator

8:30 Comparison Between the Effects of the Group-Based Pledge and the Face-to-Face Discussion in Solving Social Dilemmas  
XIAO-PING CHEN, University of Illinois at Urbana-Champaign

9:45 The Use of Prompts to Promote Cooperation in a Social Dilemma  
PUL ZARNOT & KELLY S. BOAS, University of Illinois at Urbana  
Before participating in a prisoner's dilemma, subjects received a positively- or  
 negatively-worded prompt urging cooperation, or were placed in a no-prompt  
control condition. Negative prompts were predicted to be most useful in  
 promoting cooperation in a "loss" condition. Positive prompts were expected to  
be most effective in a "gain" condition.

9:00 The Effects of Communication Medium in a Longitudinal Social Dilemma  
KELLY S. BOAS, University of Illinois at Urbana-Champaign, & KATHLEEN  
M. O'CONNOR, Rice University  
Levels of contribution to a group product (weekly group quiz) were studied as  
a public goods dilemma embedded in a longitudinal study. Effects of communica-  
tion medium and time were studied as possible explanations of free-riding.  
Competing hypotheses based on expectation of future interaction and  
group identity theories were tested.

9:15 Lifeboat: When Pro-Socials Bail Out  
ALEX MIRONOFF & DAVID A. SCHROEDER, University of Arkansas  
We classified 85 undergraduates according to social motive type and posed  
them with a social dilemma that required ratings of four solutions. altruists  
and Cooperators are significantly more likely than Individualists and  
Competitors to endorse self-sacrifice even when the greatest social utility for  
the group depends on them making a "selfish" choice.

9:30 The Effects of Inequality and Reasons for Inequality on Cooperation in a Social Dilemma  
JAY JACKSON, CHERI SPARKS & ELIOT SMITH, Purdue University  
Subjects were given unequal amounts of money and placed in a social dilemma.  
The inequality was based on ability, random assignment, or category  
membership. Cooperation and group identification were measured. As predicted,  
reasons for inequality (not simply the fact of inequality) significantly  
altered group identification, which in turn, significantly influenced cooperation.

9:45 Status Congruity and Intergroup Cooperation  
MICHAEL J. SARGENT & MARILYN B. BREWER, The Ohio State  
University  
Participants were randomly assigned to two categories and informed that one  
group was higher in status. Two members from each category cooperated on
a quiz task under conditions of task-status congruity or incongruity. This study tests the hypothesis that incongruity will reduce status-differentials in intergroup perceptions.

10:00
Motivational Mediators of Cooperative Learning
ROBERT DANIELS, Illinois Institute of Technology (Sponsor: M. ELLEN MITCHELL, Illinois Institute of Technology)
Introductory psychology students, 43 male and 44 female, participated in an experiment comparing the effects of cooperative versus individualistic learning techniques on approval and achievement motivation. Results indicated that cooperative learning techniques enable students to coordinate their approval and achievement motivation by presenting academic excellence as a socially desirable behavior.

10:15
Negotiation, Mediation, and Arbitration: Procedural Preferences in Reaching Agreement
BRIAN C. SMITH & MARK SNYDER, University of Minnesota
In vignette studies, participant-purchasers sought price agreement with a vendor. We manipulated expectations about the other's trustworthiness and the price difference. Given no price information, negotiation and mediation were equally attractive more than arbitration. An untrustworthy other, or a large price difference, decreased negotiation's attractiveness. Mediation was preferred overall.

INVITED ADDRESS
REACTIONS TO THE OTHER SEX: AS INDIVIDUALS OR AS A COLLECTIVE

ELEANOR E. MACCOBY, Stanford University
Saturday, 9:00 - 10:30 am  Monroe Room
MEGAN GUNNAR, University of Minnesota, Moderator

ANIMAL LEARNING/COMPARATIVE/PHYSIOLOGICAL POSTER SESSION

Saturday, 9:30 - 11:30 am  Upper Exhibit Hall
JOSEPH J. FRANCHINA, Virginia Polytechnic Institute & State University, Moderator

ANIMAL BEHAVIOR

1  Attenuation and Reacquisition of Foraging in a Patchy Environment
JEFFREY L. CALTON, JULIE A. HART, ROBERT C. TRELKELD & TODD R. SCHACHTMAN, University of Missouri
Pigeons ate from four patches of eight feeders, each patch containing a different food density. Birds then received eight days of response elimination treat-

ment consisting of food available outside the patches or the absence of food. Birds receiving food during response elimination reacquired density sensitive foraging behavior faster upon reacquisition.

2  Diet Preference in Rats (Rattus norvegicus) as a Function of Diet Familiarity and Odor Exposure
KATHLEEN R. STEETER, LEE I. MCCANN & MICHAEL T. SEGAR, University of Wisconsin-Oshkosh
Differences in diet choice based on diet familiarity persisted following subsequent exposure to a novel odor, but not following exposure to a conspecific that had consumed a different novel diet. These results suggest that odor exposure and conspecific interaction may be separate processes that influence diet preference in different ways.

3  Increased Susceptibility to Social Modeling of Dietary Preference in Pregnant Rats
LEE I. MCCANN, MELISSA M. SCHWARTZ & KATHLEEN R. STEETER, University of Wisconsin-Oshkosh
Social modeling of dietary preference has been repeatedly demonstrated in nonpregnant rats. Expected modeling effects were found in both pregnant and control rats, but pregnant rats were more responsive to such models. This may reflect the adaptive advantage of protecting developing pups from toxic substances.

4  Effects of Alcohol on Mating Behavior of the Female Rat
DOMINIC J. COSTANZO & DONALD T. LLOYD, Muskingum College
Hormone or placebo injected receptive vs nonreceptive ovarioctomized female rats were IP injected with Ethanol (.5 mg/kg) or placebo and paired in the home cage of sexually active males. Alcohol dramatically disrupted lordosis in the receptive females as well as reduced overall interest in responding to the males.

5  Decreased Startle Response in a Rat Model of Endogenous Depression
INES L. STAFFORD-SEGERT, SETH DICKERSON & JAMES INGHAM, University of Missouri, Columbia
Rats neonatally injected with the antidepressant clomipramine have been shown to develop behavioral abnormalities as adults which mimic human endogenous depression. We report that neonatal clomipramine also produces a significantly decreased acoustic startle response compared to control rats neonatally injected with saline. Results are consistent with theories proposing decreased noradrenergic neurotransmission in depression.

6  Rats Prefer the Novel Flavor of an Ill Demonstrator Has Consumed Over That of an Intact Demonstrator
STEVEN OLSON, LEE MCCANN & KATHLEEN STEETER, University of Wisconsin, Oshkosh
Previous studies have questioned the idea that taste aversion information is socially transmitted between rats. These studies have used only sequential pre-
sentation of ill and well demonstrators. This study allowed simultaneous interaction with ill and well demonstrators. Results indicate that observers preferred the diet consumed by ill demonstrators.

**PSYCHOBIOLOGY**

7

**Fos Expression in Limbic Brain Regions Following Social Separation in Rats**

LARRY NORMANSELL & ANGELA WILSON, Muskingum College

Functional brain circuits can be visualized using immunocytochemical techniques to localize the immediate early gene c-fos or its protein product Fos. Following a brief period of social separation, labeling was observed in isolated but not control rats in several limbic brain regions including the lateral habenula, amygdala, and central grey.

8

**Fetal Cell Transplantation into a Rat Model of Neonatal Ischemic-Hypoxia**

LEAH SOLBERG, SARAH WILSON, ELIZABETH JANSEN & WALTER LOW, University of Minnesota (Sponsor: MARGUERITE FITCH, Central College)

Ischemic-hypoxia was created in neonatal rats by ligating one carotid artery and placing the animal in an oxygen deprived chamber. The fetal cell transplant was then injected into the striatum of the animal. The transplant improved performance on the locomotor task when compared with animals who did not exhibit hypertrophy in the uninjured hemisphere.

9

**Analysis of the Glutamate-Hippocampal Model of Schizophrenia**

KATRINA L. MARSHALL, JENNIFER L. GERSON, & RICHARD A. DEYO, Winona State University

Bilateral injections of ibotenic acid in the dorsal hippocampus were administered to 16 rats on day 5 postpartum. Behavioral and neuroanatomical characteristics similar to schizophrenia were observed including: inappropriate emotive behavior, learning deficits, hippocampal lesions, and enlarged ventricles. These data provide support for the glutamate-hippocampal theory of schizophrenia.

10

**The Influence of Hippocampal Lesions on Duration Processing in Pigeons**

JOHN M. DOSE, RUSSELL W. BROWN, CHRISTOPHER K. RANDALL, JAMES F. ZOLMAN & PHILIPP J. KRAEMER, University of Kentucky

Pigeons trained to discriminate 2- and 10-s durations of a red or white light were subsequently given bilateral aspiration lesions of the hippocampus. When tested with intermediate durations (3, 5, 7, or 9 s), birds were more likely to judge the signal as long after the lesion than before the lesion.

**PSYCHOPHARMACOLOGY**

11

**The Effects of Reserpine on Amphetamine-, Phencyclidine-and MK801-Induced Locomotor Activity**

RHEA STEINREIF, JOHN PANOS & MIKE KRAMER, University of Wisconsin-Milwaukee

Amphetamine, PCP and MK801 were administered to rats before and after catecholamine depletion with reserpine. Reserpinization decreased the amphetamine-induced locomotion, whereas it increased these effects in MK801 and PCP. These results may reflect differences in the effects of these drugs on stored versus newly synthesized dopamine.

12

**Individual Differences in Novelty-Induced Activity and the Reinforcing Effects of Novelty and Amphetamine in Rats**

PATRICIA M. ROBINET, JAMES K. ROWLETT & MICHAEL T. BARDO, University of Kentucky

Utilizing a conditioned place preference procedure, a negative correlation was found between novelty-induced locomotor activity and novelty reward. A relationship was also suggested between novelty reward and the magnitude of amphetamine reward.

13

**The Effects of Amphetamine and Cocaine on Voluntary Social Behavior of Rats**

HEIDI KUPPINGER, AMY HARRINGTON, HELEN KAZMAREK & RHEA STEINREIF, University of Wisconsin-Milwaukee

The effects of amphetamine and cocaine on social behavior were determined by restricting the movement of either the drugged or undrugged rat. Amphetamine-induced social withdrawal appeared to be a function of mutual withdrawal by both animals under non-threatening conditions (i.e., tethering), and cocaine did not produce social withdrawal.

14

**Effects of MK-801 on Amphetamine- and NPA-Induced Behavioral Sensitization in the Preweaning Rat**

MARCUS A. DUKE, JASON O’NEAL & SANDERS A. MCDougALL, California State University-San Bernardino

Behavioral sensitization was induced in 17-day-old rats by repeated injections of either amphetamine or NPA. The sensitization induced by these DA agonists was fully blocked by prior treatment with the NMDA antagonist MK-801. Interestingly, when given independent of the DA agonists, MK-801 was able to enhance activity and sensitize the behavior of preweanling rats.

15

**Neonatal Cocaine Exposure and Activity Rhythms in Rats**

LYNNE HANSEN-TRENCH, DAREN H. KAISER, & SUSAN BARRON, University of Kentucky

We investigated effects of neonatal cocaine exposure on running wheel activity over 48 hrs in rats. Although activity rhythms appeared unaffected, neonatally cocaine exposed females displayed a sex-specific hyperactivity relative to controls in response to the novel test apparatus and the experimenter.

16

**Effects of D1 and D2 Antagonists on Cocaine-Induced CPP in Preweanling Rats**

DOUGLAS L. PRUITT, Bowling Green State University, & CARLOS A. BOLANOS & SANDERS A. MCDougALL, California State University-San Bernardino
The effects of D1 and D2 antagonists on the reward processes of young rats were assessed using the CPP paradigm. Rats were injected with the D1 antagonist SCH 23390 or the D2 antagonists eticlopride and sulpiride prior to cocaine CPP. D2 antagonists blocked CPP in 10-day-old rats, while leaving 17-day-olds unaffected; whereas, SCH 23390 blocked CPP in both aged rats.

17
Strength of Cocaine Conditioned Place Preference in Domestic Fowl Depends on the Number of CS-US Pairings
MIKKA M. OLSON, TIMOTHY J. WIEGAND, MICHAEL R. BAKER & RICHARD A. HUGHES, Iowa State University
Pullets received 4 or 6 cocaine (0.0 or 2.0 mg/kg; ip) pairings with CS+ and 0.0 mg/kg with CS−. A significant CS+ preference occurred with 6 pairings; 4 pairings produced an intermediate preference. Drug treatment did not significantly affect total choice percentage, activity, or vocalizations on test.

18
Massed Exposure to Morphine Does Not Prevent The Development of Associative Morphine Tolerance
ANTONIO CEPEDA-BENITO, Texas A&M University
Two independent theories of drug tolerance predict that massed exposure to a drug should prevent the development of context-specific drug tolerance. A series of three studies demonstrated that a high dose of morphine delivered 6 hr prior to morphine-distinctive context pairings did not prevent the development of context-specific morphine tolerance.

19
Naloxone Effects on Distress Vocalizations in Young Domestic Fowl Are Rate Dependent
MICHELLE L. BLOCK, NICOLE M. MANSON, LISA M. RICHTER, MICHAEL R. BAKER & RICHARD A. HUGHES, Iowa State University
Pullets received 0 or 4 apparatus exposures before measuring naloxone effects on isolation induced vocalizations. On test, naloxone (0.0, 5.0, or 10.0 mg/kg) dose dependent increased high baseline (4 exposures) and decreased low baseline (0 exposures) vocalization rates, increased body temperature, but did not significantly affect respiration or activity.

20
Thyroxine-induced Changes in the Development of Spontaneous Locomotor Activity and Passive Avoidance Behavior
DONALD W. RAY, Mount Union College, & Z. MICHAEL NAGY, Bowling Green State University
The effect of neonatal thyroxine treatment upon subsequent development of spontaneous activity and a passive avoidance response (PAR) was studied in infant, juvenile and adult mice. Treated subjects showed accelerated development of behavioral arousal and 24-hr retention of the PAR, but somewhat impaired inhibitory control of activity and PAR acquisition.

21
Effects of Rb1 on Acquisition and Retention of a Visual Discrimination Task
RICHARD A. DEYOS, JENNIFER L. GERSON, DONALD A. SKIFTER, MICHAEL J. WALTER & JAMES D. CHURCHILL, Winona State University
Ginseng's effects on memory may be due to the actions of one of 32 saponins. Eighty-two male chicks received 0, 0.025, 0.25 or 2.5 ug of the saponin Rb1 ICV, followed by testing on a visual discrimination task. Rb1 (2.5 ug) altered acquisition and retention for up to 24 hours after treatment.

There are no posters numbered 22-62.

63
The Disinhibitory Effects of Diazepam on Conditioned Taste Aversion
KAREN D. SABA & DAVID C. RICCO, Kent State University
The mechanisms behind behavioral inhibition are unclear, but research concerning pharmacological manipulation of this phenomenon suggests the role of serotonergic systems Benzodiazepines, which act on these systems, serve to reduce an animal's capacity to inhibit behavior in diverse paradigms, including: neophobia, delayed reward, and punishment procedures. The present study extends this finding to CTA.

64
Effects of Nerve Growth Factor on Conditioned Odor and Taste Aversion Learning in Rats
Rats given Nerve Growth Factor (NGF) were tested for taste, odor and taste-potentiated odor aversion learning. Relative to Bovine Serum (BSA) controls, NGF raised neural acetylcholine activity; it also facilitated acquisition and prolonged extinction of conditioned taste aversions, but not conditioned odor aversions.

65
Memory of Extinction Training and its Susceptibility to Disruption by Hypothermia Treatment
RUSSELL E. MORGAN, Cornell University, & DAVID C. RICCO, Kent State University
Two experiments examined whether memories of fear extinction were susceptible to disruption by hypothermia, similar to memories of excitatory training. Hypothermia was shown to produce both anterograde and temporally-graded retrograde amnesia for limited duration extinction training. Disinhibition was discussed as a possible interpretation for failure to reverse the memory impairments with recooling.

66
A Comparison of Saccharin and Sucrose in CTA: Asymmetrical Release from Latent Inhibition
CHRISTOPHER K. RANDALL, RUSSELL W. BROWN & PHILIPP J. KRAEMER, University of Kentucky
Saccharin and sucrose were compared in a CTA procedure. Aversions to both endured a 7-day retention interval and sucrose aversions generalized to saccharin. Although latent inhibition was produced by generalized preexposure to either stimulus, responding after sucrose-preexposure/saccharin-conditioning, but not after saccharin-preexposure/sucrose-conditioning, was restored following a delay.
67 Evaluating the Motivational Properties of Ethanol: Does an Ethanol-Induced Taste Aversion Block Acquisition of a Conditioned Place Aversion in Rats? LEE BAKNER, Linfield College, & LORI GIBSON & CHRISTOPHER L. CUNNINGHAM, Oregon Health Sciences University
The present investigation attempted to evaluate ethanol’s motivational properties by blocking acquisition of an ethanol-induced conditioned place aversion with a flavor aversion. Although saccharin-ethanol pairings produced a conditioned taste aversion, presentation of saccharin prior to place conditioning trials failed to block acquisition of a conditioned place aversion.

68 Conditioned and Unconditioned Effects of Morphine in Preweaning and Adult Rats CHRISTOPHER K. RANDALL, PHILIPP J. KRAEMER & MICHAEL T. BARDO, University of Kentucky
Preweaning and adult rats received morphine injections paired with distinct visual, tactile, and olfactory stimuli. Although age, sex, and drug dose influenced locomotor activity during conditioning, those factors did not affect place preference or conditioned hypoaesthesia. Thus, preweanlings associate drug reward with multiple-element stimuli as proficiently as do adults.

69 The Role of Arousal State in the Facilitative Influence of a Salient Context on Infantile Learning SUSAN M. BRASSER & NORMAN E. SPEAR, Binghamton University
Preweaning rats received epinephrine or saline prior to tone-shock fear conditioning with a 90 or 20 sec trace interval in a nonenhanced context. Epinephrine-induced arousal resulted in potentiated conditioning by CS learning, mimicking the effect of an enhanced context on context-CS selection in the infant rat.

70 Stress-Induced Enhancement of Memory for Fear Conditioning in Rats ROBERT W. FLINT, JR., MITCHELL M. METZGER, DON M. BENSON & DAVID C. RICCIO, Kent State University
Following passive avoidance training, rats received a swim-stressor. Stress exposure enhanced retention for training when administered immediately, but had no effect if delayed for 15 minutes. This effect was similar, but not identical, to the memory enhancing effect of glucose. Furthermore, chronic exposure to the stressor did not attenuate the enhancing effects on retention.

71 Glucose and Epinephrine Do Not Enhance Memory for CTA ROBERT W. FLINT, JR., MITCHELL M. METZGER, CANTLEY L. LAND, KAREN D. SABA & DAVID C. RICCIO, Kent State University
Rats in each experiment were administered an injection of LiCl immediately following sucrose exposure to induce mild CTA. In conjunction with LiCl injections each rat received a sc injection of either glucose or epinephrine. Epinephrine was shown to have a mild CTA effect in one experiment, however, this was not replicated. Neither compound had any memory enhancing effect on retention of a CTA.

72 Lack of Duration x Intensity Trade-Off in Hypothermia-Induced Retrograde Amnesia ROBERT W. FLINT, JR., PHIL MELILLO & DAVID C. RICCIO, Kent State University
Hypothermia has become an accepted means of inducing retrograde amnesia (RA), however, studies of threshold have been confounded by differences in rewarming time, and thus differences in duration of hypothermia. The present study investigated this issue more closely and suggests that there is a critical threshold important for RA, and that RA is not simply a result of an extended duration of hypothermia.

73 Alleviation of Hypothermia Induced Retrograde Amnesia by Odor Cue Presentation: Transfer of Retrieval Processes ANGELA S. BURCH-VERNON, RICHARD KEEN & DAVID C. RICCIO, Kent State University
Although hypothermia induced retrograde amnesia has been shown to be alleviated by partial recolcing of subjects prior to test, transfer of control over retrieval to other cues present at recolcing has proven difficult. This difficulty was overcome by latently inhibiting formation of context cue associations.

74 Failure to Extinguish Associatively Controlled Cold Tolerance in Rats MITCHELL M. METZGER, STEVEN C. KISSINGER, ROLANDO TOULON & DAVID C. RICCIO, Kent State University
Rats made tolerant to cold received extinction exposures or no further treatment. Results indicate that rats receiving either a five or fifteen day extinction period remained comparable to controls animals on a subsequent test for tolerance. These results suggest that the context may be functioning as an occasion setter, rather than a conditioned stimulus.

75 Hypothermia-Induced Retention Deficits in Infant Mice Following Multi-Trial Training on a Discriminated Escape Task ERIC BECK, TERRI LEHMAN & Z. MICHAEL NAGY, Bowling Green State University
Hypothermia was administered to infant mice following 25 training trials on a discriminated shock-escape task at 9-, 11-, or 13-days of age in order to determine the relative susceptibility to disruption by this amnestic agent. Overall, the extent of memory disruption was related to drop in body-temperature.

LEARNING AND ANIMAL COGNITION

76 Ontogenetic Differences in Short- and Long-Term Memory for Learned Suppression of a Negative Geotactic Response in Mice Z. MICHAEL NAGY, LINDA S. FORSTER & AMY MURNE, Bowling Green State University
Although commonly used as an index of development, the negative geotactic response, an unlearned response to turn upward when placed facing down an incline, has been largely ignored as a learning/memory phenomenon. The
present study explores the ontogenetic changes in learning/memory abilities of mice to suppress this response.

77
Learned Helplessness in Weanling Mice: Immunization and Retention
YOLANDA SANCHEZ, RENA CORBIN & Z. MICHAEL NAGY, Bowling Green State University
Retention of learned helplessness and its possible immunization were explored in mice. Animals were exposed to escapable and/or inescapable shock as weanlings then retested 5, 25, or 55 days later. Helplessness persisted for at least 55 days, while immunization was not successful in preventing learned helplessness.

78
An Ontogenetic Analysis of Long-Term Spatial Memory
RUSSELL W. BROWN & PHILIPP J. KRAEMER, University of Kentucky
We examined the ontogeny of long-term retention of spatial memory using the Morris water maze. The results indicated that adult animals retained spatial information over long delays better than younger animals. Gender differences were also analyzed.

79
Delay Conditioning and the US Preexposure Effect
CHARLES F. HINDERLITER, University of Pittsburgh at Johnstown, & JAMES R. MISANIN, Susquehanna University
US preexposures attenuated conditioning in a 29-min CS-US delay group, but had no effect on a 0-min CS-US group. Results call into question explanations of the US preexposure effect suggesting that the interval between the preexposure treatment and the CS are unimportant and explanations based on the US-US interval.

80
Effect of Remote US Preexposure on the Proximal US Preexposure Effect
JAMES R. MISANIN, Susquehanna University, & CHARLES F. HINDERLITER, University of Pittsburgh at Johnstown
To assess the effect of remote US preexposure on the proximal US preexposure effect rats received 0, 2, 4, or 6 USs 24 h or more prior to being given the proximal US 2 h before taste aversion conditioning. The results indicated that 2 remote USs augmented and six eliminated the proximal US effect.

81
The Influence of Retention Interval on Stimulus Selection: Changes in Blocking Over Time
JAMES S. MILLER & JOYCE A. JAGIELO, Edinboro University of Pennsylvania
When rats were tested 1 day after training, prior conditioning to either an odor or black chamber blocked subsequent conditioning to the other CS element when it was trained in compound (odor-context US). This blocking effect was not apparent when animals were tested after a 15 day retention interval.

82
One-Trial Conditioned Place Preference Using Intravenous Drug

Administration in Rats
JOANNE M. VALONE, TONYA R. GIBSON, RICK A. BEVINS & MICHAEL T. BARDO, University of Kentucky
Amphetamine (1 mg/kg) and morphine (10 mg/kg) was used to induce a conditioned place preference (CPP) in rats. CPP was obtained with each drug after a single 30 minute conditioning trial. However, increasing the trial duration to 60 minutes did not enhance CPP for amphetamine-treated rats and attenuated CPP in morphine-treated rats.

83
Reinforcer Rate and Timing
MARK S. HOYER & JENNIFER LEWIS, Indiana University Northwest
Pigeons could obtain food for responding to one key after 10s or by pecking a second key after 80s. The probability of reinforcement and trial duration were varied systematically. Changes in psychometric functions followed changes in reinforcement availability and were insensitive to changes in reinforcement rate.

84
Effects of Varying the Number of Trials Per Session on Acquisition of Matching-to-Sample in Pigeons
CHARLES A. EDWARDS & JOHN M. JOHNSON, Edinboro University of Pennsylvania
Pigeons were trained on a matching-to-sample task that included either 24 or 96 trials per session. The total number of trials (not sessions) required to reach a criterion of 90% correct was comparable for the two groups, although there was no within-session improvement in performance in either group.

85
The Efficacy of Representations of Food as Mediators of Choice Behavior in Pigeons Depends on the Function of Food in a Symbolic Matching-to-Sample Task
DANIEL C. LINWICK, University of Wisconsin-River Falls
Control over pigeons' choices transferred from the conditional cues used in symbolic matching-to-sample training to discriminative autoshaping stimuli. This transfer was mediated by representations of foods—safflower and milo—that were common to the two procedures. The efficacy of these representations as mediators of choice behavior depended on the function of food in the matching-to-sample task, i.e., whether a particular food cued a response to one of the choice stimuli at the beginning of a trial or reinforced a correct response at the trial's conclusion.

86
Serial-Pattern Learning in the Cili Mouse
SCOTT M. KRAUTHWURS, Kent State University, JAMES D. ROWAN, Wesleyan College, & STEPHEN B. FOUNTAIN, Kent State University
Like rats in comparable tasks, mice were able to learn 24-element serial patterns. When one element violated pattern structure, mice, like rats and humans in other tasks, produced rule-overextension errors at the violation. However, temporal phrasing did not facilitate acquisition for mice as it does for rats and humans.
INVITED ADDRESS
WHEN DO SOCIAL NORMS DIRECT SOCIAL CONDUCT?

ROBERT B. CIA LDINI, Arizona State University

Saturday, 11:00 am - 12:30 pm  Montre Room
RICHARD E. PETTY, Ohio State University, Moderator

EATING DISORDERS, SMOKING AND COMPULSIVE BEHAVIOR

Saturday, 11:00 am - 12:45 pm  Salon 8
JEROME A. CERNY, Indiana State University, Moderator

11:00
Attachment to Fathers: Risk Factors for Eating Disorders Among Female College Students
KIMBERLY H. SHAW, University of Miami School of Medicine, & LAURIA MORET, Washington University
Relative Risk Ratios were calculated for attachment theory driven risk factors of eating disorders (coping/cognitive-affective behavioral styles, attachment style to father, depression) among young adult women (N = 99). Low paternal acceptance/high paternal rejection & insecure paternal attachment style doubled the risk for maladaptive coping styles associated with eating disorders.

11:15
The Effect of Dysphoric Affect on Real and Ideal Body Image in Restrained and Unrestrained Eaters
J'DENE M. ROGERS and JEFFREY M. LOHR, University of Arkansas
We examined the effect of induced mood on body image in college women classified as either restrained or unrestrained eaters. Negative and neutral somatic self-referential statements were used to induce mood. Negative self statements increased depression. Restrained eaters were more anxious at post-assessment than unrestrained eaters. Various components of all body image indices were affected. Results suggest that body image may be influenced by altering mood, and that the affect and body image of restrained eaters may be more easily altered.

11:30
The Attention to Body Shape Scale (ABS): A New Measure of Body Focus and Orientation
DEAN W. BEEBE & GRAYSON N. HOLMBECK, Loyola University of Chicago
A brief questionnaire was created to measure how strongly a person focuses on her/his body shape. Data suggest that this measure is internally consistent and possesses good convergent and discriminant validity. The ABS may aid significant advances in the research, theory, and clinical treatment of anorexia and bulimia nervosa.

11:45
Negative Priming Deficits in Individuals At-Risk for Eating Disorders
P. RICHARD FERRARO, KRISTA JOHNSON & STEPHEN WONDERLICH, University of North Dakota
Fifty individuals (25 At-Risk, 25 Normal) performed a negative priming experiment. Normal subjects displayed the standard negative priming effects (Critical trial latencies slower than Control trial latencies). At-Risk subjects revealed no such negative priming results, suggesting deficiencies in this group’s ability to adequately inhibit irrelevant information.

12:00
The Impact of Urges to Smoke on Cognitive Strategies
CELESTE A. ELASH, LISA A. SANDERSON & STEPHEN T. TIFFANY, Purdue University
An imagery procedure designed to manipulate smoking urges was used to evaluate the impact of smoking urges on cognitive coping strategies. Results indicated that urges and type of cognitive task influenced the number and quality of subjects’ reasons to change smoking behavior.

12:15
Does the Smoker Prototype Predict Smoking Relapse?
TAMI J. HEDGES & FREDERICK X. GIBBONS, Iowa State University
This study assessed favorability of the typical smoker image for 176 individuals in a cessation program. As predicted, individuals with a more favorable image of the smoker were more likely to relapse, whereas, individuals with a less favorable image were more likely to maintain abstinence. Results have implications for smoking clinics.

12:30
Obligatory Running and Compulsive Behavior
KAREN A. JACOBI, Geisinger Medical Center, & FRANK H. GILNER, PAUL J. HANDAL & H. RUSSELL SEARIGHT, St. Louis University
Obligatory and non-obligatory runners were compared on the Jacobi Obligatory Running Scale and the Brief Symptom Index for compulsive aspects of running. Results indicate that non-obligatory runners score higher on the Obsessive Compulsive scale than obligatory runners. These results and further research ideas are discussed.

ISSUES IN ADOLESCENCE

Saturday, 11:00 am - 12:45 pm  Salon 1
DONALD S. PASZEK, Grand Valley State University, Moderator

11:00
Relations Between Race, Achievement and Delinquency: A Neighborhood Analysis
DONALD R. LYNAM & TERRIE E. MOFFITT, University of Wisconsin-Madison, & MAGDA STOUTHANGER-LOEBER & ROLF LOEBER, Western Psychiatric Institute (Sponsor: MARGO J. MONTEITH, University of Kentucky)
A previous study suggested that the relation between school achievement and
delinquency was stronger for blacks than for whites. The present report examined whether or not this interaction was due to the differential social contexts in which blacks and whites were embedded. Results supported this contextual account.

11:15
Correlates of Parent-Child Interaction among Adolescent Latina Mothers
JOSEFINA M. CONTRERAS, Kent State University, & SARAH C. MANGELSDORF, MARISSA L. DIENER & JEAN E. RHODES, University of Illinois at Urbana-Champaign
The correlates of Latina adolescent mothers' parenting competence were investigated. Consistent with adult models, psychological adjustment, overall social support, and support from fathers were associated with more positive parent-child interactions. In contrast, satisfaction with childcare support and childcare support from parents were associated with lower sensitivity and greater intrusiveness.

11:30
Predicting Child Abuse Potential in Adolescent Mothers
TAMMY L. DUKEWICH & JOHN G. BORKOWSKI, University of Notre Dame
This project supports a mediational model for predicting adolescent mothers' child abuse potential based on measures of child temperament, maternal psychological adjustment, and maternal parenting orientation. The relationship between these three risk factors and abuse potential was mediated by parents' perceived level of stress and lack of aggression inhibition (Wolfe, 1987).

11:45
Adolescents' Work Affects Achievement, Motivation and Friendship: Urban and Rural Differences
KRISTELLE E. MILLER & PAULA PEDERSEN-RANDALL, University of Minnesota-Duluth
Do the numbers of hours worked by adolescents (n = 869) in two communities have a negative impact on performance in school and friendship quality? The number of hours worked Monday - Thursday have a greater impact than hours worked during the weekend. Regardless of when students worked, there is a negative relation to friendship quality. Farm-work hours Friday through Sunday have a negative relation to GPA and friendship.

12:00
Parents as Models of Adolescents' Interactions with Opposite-Sex Friends: A Comparison Between Intact and Divorced-Mother Families
KRISTELLE E. MILLER, CAROLYN HANEY & NANCY LITMAN, University of Minnesota-Duluth
The purpose of this study was to discover the influence that parents have on interaction style. Mother, father and their adolescent, n = 24, and divorced mother and her adolescent, n = 23, were videotaped while interacting, as were the adolescents' with their opposite-sex friends. Especially true for divorced families, there was no overlap between adolescents' interactions with parents and their opposite-sex friends.

12:15
Communication Differences Between Mothers, Fathers, and Adolescents
DEBRA K. HUNTLEY & KIMBERLY NIELSEN, Governors State University
The nonverbal communication of 62 adolescents and their parents was studied. Families were videotaped during their discussion. Results showed that mothers were more likely than fathers to demonstrate embarrassment, uncomfortableness, playfulness or tension-breaking, and interest. However, results did not show a difference in the adolescent's behavior toward mother or father.

12:30
Developmental Implications of Service and Experiential Involvements: An Analysis of College Student Outcomes
JAY W. BRANDENBERGER, University of Notre Dame
This study examines student participation in service and experiential learning within the context of higher education. Data from a large sample of recent graduates from a private, selective university are examined within a developmental framework. Potential student development impacts with respect to life goals, moral and religious attitudes, and socio-political beliefs are assessed, and implications discussed.

WORD RETRIEVAL AND THE MENTAL LEXICON
Saturday, 11:00 am - 1:00 pm
FERNANDA FERREIRA, Michigan State University, Moderator

11:00 Invited Paper
Linguistic Cues, Form Priming, and the Structure of the Lexicon
LOUISA M. SLOWIAZEK, MARYBETH HAMBURGER, EMILY G. SOLTANO & MICHELLE BECHLY, University at Albany-SUNY
Research suggests that various linguistic cues are utilized during the initial stages of word processing. Inhibitory and facilitatory effects have been obtained in our laboratory when primes and targets share phonetic, phonological, orthographic and/or prosodic information. These effects and their implications for the structure of the lexicon will be discussed.

11:30
Not All Letters Are Alike: The Role of Phonology in Word Recognition
JENNIFER GROSS, REBECCA TREIMAN & JOSEPH INMAN, Wayne State University
Previous research which investigated the role of onset and rime units in reading has failed to control for phonological ambiguity and has predominantly used a speech-based task (i.e., controlling for these confounds and using a letter-detection task, the results showed support for the role of sub-syllabic phonological units in word recognition.

11:45
Similarity of Two Features in Early Language States with Adult Forms
J. J. HANTSCH, University of Illinois, Chicago
When initially developing language, infants control a very limited set of phones. These eventually realign with their adult's inventory. How quickly and is this dependent on adult language characteristics? This research tests the uniformity of first words, baby talk and adult speech in a survey sample of world languages.

12:00
Representation of Cognate and Noncognate Words in French-English Bilingual Semantic Memory
KAREN E. ECK & JOSEPH H. DANKS, Kent State University
Is bilinguals’ word knowledge stored in two distinct memories or is it integrated in one? Compound and coordinate bilinguals made lexical decisions about cognate and noncognate French targets, which were preceded by masked English primes—translations, associates, or unrelated words. Both types of bilinguals exhibited integrated semantic memories for both cognate and noncognate words.

12:15
The Locus of the Word Frequency Effect in Language Production
ZENZI GRIFFIN, University of Illinois at Urbana-Champaign
Response times and probabilities for producing homophones as sentence completions were used to investigate the locus of the word frequency effect in three experiments. High and low frequency homophones had similar response latencies and primed each other equally. The results argue that the frequency effect arises in accessing phonological representations.

12:30
Blocking, Tip-of-the-Tongue Reports, and Incubation in Word Retrieval
STEVEN M. SMITH, DEBORAH R. TINDELL & STEPHEN P. BALFOUR, Texas A&M University
Word recall was cued by definitions after processing semantically related or unrelated words, and retested immediately or delayed. Related words decreased recall and increased tip-of-the-tongue reports. Incubation occurred only after initial blocking. Recall of blockers decreased with delays. Incubation was more consistent with diminished blocking than spreading activation.

12:45
Changing Linguistic Contexts Increases the Likelihood of Resolving Retrieval Blocks
ROBERT L. WIDNER, JR., JYOTSNA VAID & STEVEN M. SMITH, Texas A&M University
Retrieval of rare words to presented definitions were resolved more frequently, using bilinguals, when the language of the definition was manipulated between presentations and, within a language, if the second presentation was a paraphrased version of the first. We discuss these findings in light of common-versus multi-store linguistic models.

INVITED SYMPOSIUM
PSYCHOLOGY AND SURVEY RESEARCH

Saturday, 11:00 am - 1:00 pm
Salon 4
KENNETH A. RASINSKI, National Opinion Research Center, Moderator

Conducting Psychological and Other Experiments within the Context of Surveys
JARED JOBE, National Center for Health Statistics

Mental Coin-Flipping and Non-Differentiation in Surveys: Tests of Satisficing Hypotheses
WENDY R. SMITH & JON A. KROSNIK, Ohio State University

What Your Respondents Learn from Your Questionnaire May Include What You Never Wanted to Tell Them
NORBERT SCHWARZ, University of Michigan

The Use of Psychological Laboratory Techniques to Study Responses to Sensitive Survey Questions
GORDON WILLIS, National Center for Health Statistics

PSYCHOPHARMACOLOGY

Saturday, 11:00 am - 1:00 pm
Salon 5
K. W. JACOBS, Loyola University of New Orleans, Moderator

11:00
The Administration of Corticotropin Releasing Factor into the Periaqueductal Gray Enhances Acquisition in Aversive Conditioning
S. A. TERSHNER & F J. HELMSTETTER, University of Wisconsin-Milwaukee
We propose that projections from the amygdala to the PAG may use CRF as a neuromodulator in the acquisition of conditional fear. This study revealed that rats that receive CRF injections in the PAG prior to training show an enhanced freezing response to shock associated stimuli.

11:15
Chlordiazepoxide Reduces Successive Negative Contrast in a Two Period Paradigm
DANNA C. VESSELL & DENNIS C. WRIGHT, University of Missouri-Columbia
Chlordiazepoxide eliminated successive negative contrast on the first post-shift day in rats which received preshift training of two sucrose access periods each day, as used in anticipatory contrast paradigms.

11:50
BRIAN L. CARTER & STEPHEN T. TIFFANY, Purdue University
This research examined the profiles of cross-tolerance to mu- (fentanyl) and kappa- (U50488H) specific opioids as a function of the associative or nonassociative nature of morphine tolerance. Nonassociative tolerance displayed cross-tolerance with mu- but not kappa- agonists, whereas associative tolerance was cross-tolerant with both types of agonists.

11:45
Cue-specific Taste Aversion Using a Morphine US: Unexpressed Salt Aversion Detected with Second-order Conditioning
RICK A. BEVINS & MICHAEL T. BARDO, University of Kentucky
Unlike rats conditioned with a 0.1% saccharin flavor, rats given a salt taste (1%, 1.5%, or 2%) paired with 15 mg/kg morphine did not show an aversion to the salt solution. However, a second-order conditioning procedure revealed conditioning to the salt despite not being detected in a direct one-bottle test. Neophobia and generalization were eliminated as possible interpretations.

12:00
Cocaine Conditioned Place Preference in Young Domestic Fowl: One vs. Four CS-US Pairings
MICHAEL R. BAKER & RICHARD A. HUGHES, Iowa State University
Pullets received cocaine (0.0, 2.0, 5.0, or 10.0 mg/kg) paired once with CS+ and saline with CS−. On test, group 2.0 mg/kg displayed a slight CPP to CS+ and aversion at higher doses. After 3 additional pairings, all cocaine groups displayed a CPP.

12:15
Individual Differences in Amphetamine Drug Discrimination
JENNIFER E. KLEBAUR, RICK A. BEVINS & MICHAEL T. BARDO, University of Kentucky
Individual differences in response to novelty as measured by an activity or place preference test did not predict amphetamine's ability to serve as a discriminative stimulus in an amphetamine discrimination and generalization task. However, rats classified as high responders were more sensitive to the rate suppressant effects of amphetamine than low responders.

12:30
Stimulus and Response Variables Affecting the Development of Behavioral Sensitization to Apomorphine
BRUCE A. MATTINGLY, SONIA FIELDS, MIKE LANGFELS & TRACEY ELLISON, Morehead State University
Repeated apomorphine treatments resulted in a progressive increase in locomotor activity (behavioral sensitization) in rats tested in a running wheel. In contrast, rats treated with apomorphine and placed in an immobilized running wheel daily did not display sensitization when subsequently tested in the freely moving wheel.

12:45
Behavioral Measures of Rats Prenatally Exposed to Buprenorphine
TRACY M. SEGAR, JENNIFER A. SWOPE, LYNNE HANSEN-TRENCH & SUSAN BARRON, University of Kentucky
This pilot study examined the effects of prenatal buprenorphine exposure on offspring body weights, odor preference, balance, activity, and cocaine responsivity. While prenatal buprenorphine exposure did impair balance, none of the other dependent variables were affected. Additional experiments are needed to further assess the effects of prenatal buprenorphine exposure.

ATTENTION AND PERFORMANCE
Saturday, 11:00 am - 1:00 pm
Salon 7

11:00 Invited Paper
Computer-Based Performance Appraisals: The Role of Information Format and Processing Goals
CAROL T. KULIK, University of Illinois at Urbana-Champaign, MAUREEN L. AMBROSE, University of Colorado at Boulder, & JAMES SCHMIDTKE, University of Illinois at Urbana-Champaign
This study examined how information format and processing goals influence performance appraisals. Raters with either a performance appraisal goal or a scheduling goal searched computer-monitored performance data that was person-blocked, day-blocked, or unblocked. Results indicated that format had a powerful effect on encoding and judgment processes.

11:30
Does Attention Operate atEncoding, at Retrieval, or at Both?
CONSELVO B. BORONAT & GORDON D. LOGAN, University of Illinois at Urbana-Champaign (Sponsor: DAVID E. IRWIN, University of Illinois at Urbana-Champaign)
We examined whether attention operates in the encoding or retrieval of automatized information. Ss searched two-word displays for members of a target category in focused-attention or divided-attention conditions. Attention was found to operate at both encoding and retrieval. These findings support the instance theory of automatization.

11:45
Effects of Intermediate Steps in Algorithmic Processing in Mental Arithmetic
N. JANE ZIBROD Off, University of Illinois
Direct evidence of counting was assessed in experiments in which subjects verified alphabet-arithmetic equations (e.g., A + 3 = D). Intermediate counts resulted in opportunistic stopping of algorithmic processing in verification and in facilitated and inhibited performance on a name-matching task. Evidence suggests counting steps involve name codes but not physical codes.

12:00
Lifespan Norms for Attention Span/Short-term Memory
MARK, H. STONE, Adler School of Professional Psychology
A revision of Knox's Cube Test was calibrated and used to gather norms on a sample of 1010 persons ages two to eighty. Separate samples of distinct clinical groups; alcoholics, schizophrenics and ADHD school age students were also assessed. The normative sample provides a guide to Attention Span/STM development and decline. The clinical groups show distinct differences from the norms.
Visual, Touch, and Cross-Modal Performance of a Difficult Shape
Discrimination Task: Initial and Long-Term Practice Effects
CALVIN P. GARBIN & KIMBERLY D. TURNAGE, University of Nebraska-
Lincoln
Two experiments show the initial effect of practice is to reduce response bias
and continued practice yields equivalent asymptotic performance for different
modality conditions. We discuss the distinction between modality differences
in performance and in acquisition of performance, and how these relate to
differences in visual and touch experiences.

12:30 Invited Paper
Beyond the Laboratory: Lessons from Human Factors
JOHN FLACH, Wright State University
Problems of designing human-machine systems suggest that the reduction
of the human information processing system into a series of independent
stages is a fiction that is only appropriate for carefully staged, laboratory
settings. This talk will consider "functionalism" (e.g., Dewey, Brunswik, &
Gibson) as an alternative framework for studying human performance in
a way that generalizes beyond the laboratory.

EVALUATION AND MEASUREMENT
Saturday, 11:00 am - 12:15 pm
EMIL POSAVAC, Loyola University of Chicago, Moderator

11:00
Creativity and Choice: The Negative Effects of Experimenter and Self-
Evaluations
KATE SZYMANSKI & JUDITH A. GARCZYNSKI, Derner Institute, Adelphi
University (Sponsor: STEPHEN G. HARKINS, Northeastern University)
Previous research (Szymanski & Harkins, 1994) has demonstrated that partici-
pants seek to self-evaluate in the absence of experimenter evaluation. The
present study demonstrates that participants will avoid evaluation by the self as
well as the experimenter when instructed to be creative, and that the highest
creativity is exhibited in the no evaluation condition.

11:15
Gender Effects on Student Evaluations of Faculty
CLAYTON N. TATRO, JULIE A. ALLISON & DAVID P. HURFORD, Pittsburg
State University
This study investigated gender bias in faculty evaluations. ANOVA results
found that significant main effects were moderated by an interaction between
student and instructor gender: female students rated female instructors more
positively than any other condition. Discussion includes effects of instructor
empathy, grade leniency, and student motivation on faculty evaluation.

11:30
Within-Rater Halo Effects
NORMAN D. HENDERSON, Oberlin College
A pooled within-rater covariance matrix of four performance dimensions was
computed from a set of 5002 evaluations of 418 firefighters. Correlations
among all rating dimensions were significant. Among several structural equa-
tion models tested, those best fitting the observed covariances showed a rating
process that progressed from global to specific ratings.

11:45
Decomposing Multiattribute Judgments: An Investigation of Two Multiple
Criteria Decision Making Methodologies
OSVALDO F. MORERA & DAVID V. BUDESCU, University of Illinois at
Urbana-Champaign (Sponsor: LAWRENCE JONES, University of Illinois at
Urbana-Champaign)
The "divide and conquer" principle states that the decomposition of multiat-
tribute judgments leads to more accurate judgments, relative to intuitive or
holistic judgments. We asked subjects to make holistic and decomposed deci-
dions between hypothetical apartments using MAUT and another MCDM
indicate that the benefits of decomposing complex decisions generalize across
both multiple decision making methodologies.

12:00
An Iterative Approach to Estimating Subjective Utilities and Subjective
Probabilities
THOMAS E. NYGREN, The Ohio State University, OSVALDO F. MORERA,
University of Illinois at Urbana-Champaign, & MICHAEL E. WALKER, The
Ohio State University
The assessment of subjective utilities and probabilities has frustrated decision
analysts and behavioral decision theorists. We propose an iterative modifi-
cation of the Davidson, Suppes and Siegel (DSS, 1956) procedure that gradu-
ally relaxes the requirement that a subjective probability of 50% is .5. Results indi-
cate that our procedure leads to more satisfactory probability estimates and
utility functions.
PSI CHI POSTER SESSION I

Thursday, 9:30 - 11:00 am

Upper Exhibit Hall

1 Effects of Quantity Oriented Progress Feedback on Task Satisfaction and Time Estimation. S. ADAM BOESEN & CHRIS HENLE, University of Northern Iowa (Dr. David A. Whitsett, Faculty Sponsor)

2 Pink and Blue, Is There a Difference Between Me and You: A Look at the Effects of Gender Differences in Mood Induced Situation Perceptions. J. J. ABELE, Moorhead State University (Dr. E. W. Hallford, Faculty Sponsor)

3 Categorization and Art: Effects of Training and Gender. PHIL LEARY, SHAWN WITTMAK, CHAD SCHUMACHER & HOLLY WIESER, Moorhead State University (Dr. E. W. Hallford, Faculty Sponsor)

4 The Effects of Gender-Based Expectations on Performance Among High and Low Academic Self-Confidence Individuals. M. P. SWART, Moorhead State University (Dr. E. W. Hallford, Faculty Sponsor)

5 Reptile Red and Gridiron Green in Distinct Subcultures: Salience of Color Categories. R. A. WILSON, Moorhead State University (Dr. E. W. Hallford, Faculty Sponsor)

6 The Effect of Analogic Reasoning Ability on Metaphor Comprehension. G. GONSEN, Moorhead State University (Dr. E. W. Hallford, Faculty Sponsor)

7 Repression and Recollection: Mind Games about Childhood. T. M. PEDERSON, Moorhead State University (Dr. E. W. Hallford, Faculty Sponsor)

8 Does Dream Interpretation Facilitate Insight? BAMBI PRINCE, Hamline University (Dr. R. Kim Guenther, Faculty Sponsor)

9 Gender, College Major, and Spatial and Verbal Memory. CAROLYN J. GOSHE, Heidelberg College (Dr. Wallace E. Dixon, Jr., Faculty Sponsor)

10 Maternal Language Differences in Speech to Children: Indications for Gender Differentiation. CAROLYN J. GOSHE, DESTINY C. SHELLHAMMER, WALLACE E. DIXON, JR., Heidelberg College (Dr. Wallace E. Dixon, Jr., Faculty Sponsor)

11 The Effects of Stereotypes on Recall of Stereotype Consistent and Inconsistent Information. AYME L. MCCAIN, John Carroll University (Dr. Jan Larsen, Faculty Sponsor)

12 Similar to Me?: A Study of the Effects of Age, Sex, and Race Similarities on Interview Evaluations. CHARLES E. SMITH, Southern Illinois University at Edwardsville (Dr. Gary Allen, Faculty Sponsor)

13 Ethnicity and Children's Knowledge About Coping Strategies. JENNIFER A. BEISE & ROBIN H. PARRITZ, Hamline University (Dr. Robin H. Parritz, Faculty Sponsor)

14 Timing, Comprehensibility, and Form of Sentencing Instructions in the Capital Penalty Trial. JENNIFER A. SOFTLEY & COURTNEY C. PETERSEN, Beloit College (Dr. Larry White, Faculty Sponsor)

15 Disciplining Strategies for Classroom Misbehavior. CRYSTAL DENISE BENTLEY, University of Michigan at Dearborn (Dr. Robert Hymes, Faculty Sponsor)

16 Lucid Dreaming: Taking Control of the Night. DEREK WADE SUNDLEE, Hamline University (Dr. Kim Guenther, Faculty Sponsor)

17 High School Students' Perception of the Elderly in Today's Society. JENNIFER MILLER, Lewis University (Dr. Chwan-Shyang Jih, Faculty Sponsor)

18 Real Self, Ideal Self, and Modem Self: Differing Personalities on a Bulletin Board System. KAREN ADAMCZYK, Lewis University (Dr. Chwan-Shyang Jih, Faculty Sponsor)

19 We're All the Same: How Conflict Promotes In-group Homogeneity. MELODY SADLER, Southern Illinois University at Edwardsville (Dr. Susan Thomas, Faculty Sponsor)

20 Gender Differences in Perceptions of Intimacy in Cross-sex and Same-sex Friendships. WENDY LOOMANS & ERIN SHADICK, University of Wisconsin-La Crosse (Dr. Betsey Morgan, Faculty Sponsor)

21 Perceptual Biases in Job Analysis Ratings Between Job Incumbents and Their Supervisors. GARY S. GLASSMAN, Southern Illinois University at Edwardsville (Dr. Lynn Bartels, Faculty Sponsor)

22 Activity Differences in a Rat Model of Depression. KARA STONE & INES STAFFORD-SEGERT, University of Missouri-Columbia (Dr. Ines Stafford-Segert, Faculty Sponsor)

23 The Effect of Culture on Self-Monitoring Behavior. KERI BETH COFFMAN, University of Wisconsin at Eau Claire (Dr. Larry Morse, Faculty Sponsor)

24 Predictors of Performance on the ETS Major Field Achievement Test in Psychology. TIFFANY LYNN DEMLING, JEFFREY B. BROOKINGS & BRIAN BOLTON, University of Arkansas (Dr. Jeffrey B. Brookings, Faculty Sponsor)

25 Positive Illusions: Pathways to Happiness or Barriers to Personal Growth? KRISTEN M. LAHR, JENNIFER E. HELLMAN, EILEEN L. SCHWABERO, ROBIN A. MURPHY, JAMES P. SCHONITZER, STACEY L. FELDMAN, ELIZABETH J. SAUER, ELLEN M. BOEDER & JEFFREY B. BROOKINGS, Wittenberg University (Dr. Jeffrey B. Brookings, Faculty Sponsor)

26 Risk and Responsibility: Blame Assigned to Persons with AIDS. MATTHEW STEICHEN, University of Wisconsin-Eau Claire (Dr. Blaine Peden, Faculty Sponsor)

27 Simulated Juror Responses to a Repressed Memory Case. BRUCE W. SMITH, St. Louis University
28 Hypnosis and Post-hypnotic Suggestion. KIMBERLY K. LARSON, TAMMY J. FISHER, ANANTA DASGUPTA & KENNETH HEILMAN, University of Wisconsin-Eau Claire

29 Video Self-Recognition and Differential Responses to the Self in Infants with and Without Video Experience. ANGELA L. SCHRAEDER, Beloit College (Dr. Lawrence T. White & Suzanne Cox, Faculty Sponsors)

30 Long-term Potential of Hypnosis and Cognitive Interview as a Tool for Memory Recall. KIMBERLY K. LARSON, KRISTON A. HINES, ANANTA DASGUPTA & KENNETH HEILMAN, University of Wisconsin-Eau Claire

31 The Recollection of Face-ism Among College Students. JENNIFER B. MARKEY, University of Michigan-Dearborn (Dr. Robert Hymes, Faculty Sponsor)

32 The Reliability and Validity of the Adolescent Dissociative Experiences Scale (A-DES). STEVEN R. SMITH, Beloit College (Dr. Eve B. Carlson, Faculty Sponsor)

33 Physical Attractiveness Influences Perceptions of Economic Status. KRISTEN E. HALEK & JANDEEN M. BOONE, Saint Mary's College of Winona, MN (Dr. Andrew Manion, Faculty Sponsor)

34 Major Field of Study and Year in College Affect Moral Development of College Students. SHERRI P. SCHILLER, Saint Mary's College of Winona, MN (Dr. Andrew P. Manion, Faculty Sponsor)

35 The Red Ribbon Effect: Psychological Determinants of Life Satisfaction in Volunteers and HIV Positive Clients. ANGIE B. BODDEN, ROBERT J. CRACCHIA, ELIZABETH M. DICKSON, DONNA HASKELL, JANET LINICUM, CHRISTINA REDDEN, MELODY SADLER, TRACY SARGENT, CHARLES E. SMITH & MITCHELL J. VONGEMMINGEN, Southern Illinois University at Edwardsville (Dr. Susan Thomas & Dr. Kenneth M. Kleinman, Faculty Sponsors)

36 Acquaintance Rape Attitudes as a Function of Masculinity Ideology, Attitudes Toward Feminism, and Homophobia. DANA M. TRUMAN & DAVID M. TOKAR, University of Akron

37 Women in Science: An Investigation of Discrimination Faced By Women Scientists. SARA FINNEY, University of Wisconsin-Eau Claire (Dr. Blaine Peden, Faculty Sponsor)

38 Hemispheric Differences in the Stroop Effect as a Function of Visual Target Type. STACEY L. AMBROSE & RICHARD HAUDE, The University of Akron

39 Eating Behaviors and Body Image Concerns Among School-Aged Obese Children. MARC JANEEN WELTER, University of Missouri-Columbia (Dr. Harris Cooper, Faculty Sponsor)

40 Detecting Deception in Acquaintances, Friendships, and Close Relationships: Are We As Good As We Think? KIMBERLY A. HANSON, Nebraska Wesleyan University (Dr. Mary Beth Ahlum-Heath, Faculty Sponsor)

41 The Effect of Reward on Counterproductive Behavior. SONYA ORGAN & HARVARD ARMUS, University of Toledo

42 The Relationship Between Maternal Locus of Control and Birth Experience Satisfaction. CHRISTINE HARNESS & DAN SCHROEDER, Alverno College (Dr. Jane Holonen, Faculty Sponsor)

43 Gender Differences in Free Recall and Intrusion Errors After Viewing Emotion Provoking Stimuli. JODIE DEMETS, JEN MCGREGGOR, LINDA STEFFENS & LAURA WACHHOLZ (Dr. Kathleen Stetter, Faculty Sponsor)

44 Feminism and the Experience of Menstruation. NATALIE J. MARTIN & M. SHELTON SMITH (M. Shelton Smith, Faculty Sponsor)

45 Group Symbols: Effect on Evaluation of Out-group Members. BRIAN A. JOHNSON, MELVIN E. GONNERMAN, JR., & M. SHELTON SMITH, University of Northern Iowa (M. Shelton Smith, Faculty Sponsor)

46 Race of Defendant and Tolerance as Related to Guilt Judgments. CHRISTINE M. CRKVENAC, BETSY J. KNIGHT & AIMEE R. MILLER, Muskingum College (Dr. Jeanie Lee Ng, Faculty Sponsor)

47 Perceptions of Ethical Violations in a Research Setting. JASON VALLEE & DAVID ZEH, Plymouth State College (Dr. David Zehr, Faculty Sponsor)

48 The Application of the Transtheoretical Model to Changes in Exercise Behavior. WENDY WAGGENEER & DR. TOM DILORENZO, University of Missouri-Columbia (Dr. Harris Cooper, Faculty Sponsor)

49 The Impact of Managed Care Restrictions on Physician Attitudes in Prematurely Terminated Psychotherapy. DAWN C. WORLEY, University of Michigan-Dearborn (Dr. Roger Loeb & Dr. Nancy Wrobel, Faculty Sponsors)

50 Birth Order Stereotypes: Assigning Personality Traits on the Basis of Sibling Status. MELISSA L. MILLER, Beloit College

51 The Effect of Sex and Status Bias on Level of Agreement with Statements of Opinion. ELIZABETH CHRISTIANSEN, North Park College (Dr. Diane Marston, Faculty Sponsor)

52 Difficulty in Identity Formation: A Comparison of First and Third Generation Americans. JOELLE C. LUCIDO & NANCY WROBEL, University of Michigan-Dearborn (Dr. Nancy Wrobel, Faculty Sponsor)

53 Relationships of Caregiver Personality Characteristics with Adaptation among Children with Juvenile Rheumatoid Arthritis. CARLA SCHIEBER & KRISTOFER HAGGLUND, University of Missouri-Columbia (Dr. Harris Cooper, Faculty Sponsor)
54 Social Interaction of Hearing Impaired and Hearing Students Mainstreamed in Public School Classroom. LISA AHLBERG, Nebraska Wesleyan University (Dr. Mary Beth Ahlum Heath, Faculty Sponsor)

55 The Effects of Sexually Violent Rap Music on Male's Attitudes Toward Women. STEPHEN R. WESTER & CYNTHIA CROWN, Xavier University (Dr. Cynthia L. Crown, Faculty Sponsor)

56 Comparing Smokers and Nonsmokers on Nicotine Knowledge, Risk Behavior, and Optimistic Bias. KIMBERLY A. FINCH, Winona State University (Dr. Kristi Lane, Faculty Sponsor)

57 The Relation Between Job Satisfaction and Psychological Well-Being. JEFFREY O. BURKE & CHRISTINA R. WHIPPLE, Western Illinois University (Dr. Mark D. Kroll, Faculty Sponsor)

58 The Relationship Between Place of Residence and Perception of Personal Safety. LINETTE J. WICKLUND & ELAYNE M. THOMPSON, Cardinal Stritch College (Dr. Elayne M. Thompson, Faculty Sponsor)

59 The Reliability of the CAPER. STACIA M. CHAPMAN, Grand Valley State University (Dr. Sandra Portko, Faculty Sponsor)

60 Are Course Evaluations Confounded by Student Trait and State Mood? HALEY E. MUNZ, Saint Louis University

61 As Contagious as the Common Cold. MICHELLE KLINE & BRIAN GORDY, Ball State University (Dr. Lambert Deckers, Faculty Sponsor)

62 Acculturation Style and Adjustment of Vietnamese Adolescents. SANDRA N. PHAN & HUONG NGUYEN, Michigan State University (Dr. Huang Nguyen, Faculty Sponsor)

63 The Effects of Hints and Retention Interval on Problem Solving. JULIE PIERCE, MALORIE FREDDIE, KRISTEN LISCHER, NICOLE MUSAW & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

64 Group Size and Time on Task Effects on Positive Transfer in Problem Solving. JENNIFER ELLIOTT, LISA TOSCHCOFF-PETROSON & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

65 Hint Type, Hint Placement, Time and Difficulty Influences in Problem Solving. MALORIE FREDDIE, JULIE PIERCE, DIANA NEWBERRY, & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

66 Transfer Generalization Using Item Pairs in Problem Solving. K. C. BEAN, TREENA CLARK, HEATHER PLAGER, JERRY M. MCADAMS, NITA LARAMIE & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

67 Using the Transfer Index in Contextual Problem Solving Situations. HEATHER PLAGER, JERRY M. MCADAMS, TREENA CLARK, NITA LARAMIE, K. C. BEAN & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

68 Negative Transfer in Problem Solving: A Normative Study. TAMMY MIDDLETON, SUSAN OZIMKIEWICZ, & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

69 Multiple Exposures to Inhibitory Problems and Negative Transfer. SUSAN OZIMKIEWICZ, TAMMY MIDDLETON & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

70 Time of Day Preference, Congruity, and Order Effects in Problem Solving. JULIA SPENCER-FRANKLIN, JERRY M. MCADAMS & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

71 Identifying Instant Problems: An Empirical Demonstration Using Feeling-of-Knowing Judgments. TREENA CLARK, HEATHER PLAGER, GARVIN CHASTAIN & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

72 The Effects of Age on Motivational Orientation Toward Classroom Success. JERRY M. MCADAMS, GARVIN CHASTAIN & R. ERIC LANDRUM, Boise State University (Dr. R. Eric Landrum, Faculty Sponsor)

73 Introversion-Extroversion and Locus of Control. CINDY J. HEIKKINEN & DANIEL SCHROEDER, Alverno College (Dr. Jane Halonen, Faculty Sponsor)

74 Attitudes Toward Men: Validation and Comparison Between Abused & Non-Abused Women. KELLY WILLIAMS & DAN SCHROEDER, Alverno College (Dr. Jane Halonen, Faculty Sponsor)

75 The Effects of Socioeconomic Status on the Cognitive Development of Children Attending Day-Care or Head Start. E. BEVERLY, K. MARTENS, K. BECKSTROM, M. MCLAIN, M. KEERANS, K. CARTER, D. DAVIS & H. WATTERSON, Wittenberg University

76 Perceptions of the Stepmother Role: Effects of Situation, Stepchild Age, & Stepparent Gender. DONNA M. WRIGHT, The University of Michigan-Flint

77 Gender, Incongruence, and Depression. SHERI MATHIEU & DEECY BRISSEL, Southwest State University (Dr. William Pavot, Faculty Sponsor)

78 Seminarians and non-seminarians have Negative Attitudes Toward Sexually Inactive Homosexuals. STEPHEN E. MCMILLIN, St. Mary's College of Minnesota (Brother Stephen McMillin, Faculty Sponsor)

79 Gender Differences in the Perceptions of Depressed Males and Females. AMY R. SIMONSON & DOROTHY DIETRICH, Hamline University (Dr. Dorothee Dietrich, Faculty Sponsor)

80 Relationship Differences in Cross-Gender Versus Same-Gender Mentoring Dyads. KRIS JOHNSON & DAN TURBAN, University of Missouri-Columbia (Dr. Harris Cooper, Faculty Sponsor)
81 Flash and Embedded Subliminal Messages Influence Perceptions or Preferences for Nature Scenes. VALERIE MONAGHAN, St. Mary's College of Minnesota (Dr. Andrew Manion, Faculty Sponsor)

82 Physical Child Abuse: Variables Affecting Attribution of Blame. ANNETTE R. SADE & PEG HULL-SMITH, The University of Toledo (Dr. Peg Hull-Smith, Faculty Sponsor)

83 The Bystander Effect: For Adults Only? DEVEREAUX A. POLING & PEG HULL-SMITH, University of Toledo (Dr. Peg Hull-Smith, Faculty Sponsor)

CTUP/PSI CHI FORUM ON STUDENTS' CONCERNS ABOUT PROFESSIONAL DEVELOPMENT

Thursday, 11:45 - 12:45 PM Private Dining Room 16
Moderators: BLAINE F. PEDEN, University of Wisconsin-Eau Claire, & LINDA J. SKITKA, University of Illinois of Chicago

Participants:
Adam Hafzah, University of Wisconsin-Eau Claire
Linda Hurt, St. Louis University
Racel Traver, Hamline University

PSI CHI REGIONAL RESEARCH AWARDS PAPER PRESENTATION SESSION I

Thursday, 1:00 - 2:00 PM Private Dining Room 16
Moderator: SUSAN THOMAS, Southern Illinois University at Edwardsville

The Effects of Narcissism and Gender on the Perception and Preference of Body Type. KENNETH S. WALTERS, Western Illinois University (Drs. Kermit & Katherine Hoyenga, Faculty Sponsors)

Hand and Foot Dominance Influencing Reaction Time. JOHN T. RAPP & ANDREW MANION, St. Mary's College of Minnesota (Faculty Sponsor: Dr. Andrew Manion)

The Effect of Coaching Style on Competition Performance. BEVERLY LENICKY, Northern Kentucky University (Dr. David E. Hogan, Faculty Sponsor)

Children's Beliefs About Divorce: Can They be Modified by Small Group Interventions? KATHERINE F. WALLNER & THERESA HEMKER, Southern Illinois University at Edwardsville (Dr. Linda J. Skitka, Faculty Sponsor)

PSI CHI REGIONAL RESEARCH AWARDS PAPER SESSION II

Thursday, 2:00 - 3:00 pm Private Dining Room 16
Moderator: DAVID HOUSTON, University of Memphis

The Influence of Natural Light and Dark Adaptation on Color Specific Thresholds. M. D. DOLLINGER, Moorhead State University (Dr. M. Chalikia, Faculty Sponsor)

Effects of Locus of Control and Task Expectancy on Performance. DAVID A. MENK & DORA M. HAUGEN, Gustavus Adolphus College

A Developmental Shift in Haptic/Visual Performance. RONDA L. MANCINI, Benedictine College (Dr. Giovanni F. Misceo, Faculty Sponsor)

An Investigation into the Construct Validity of Gender Role Masculine and Gender Role Feminine of the MMPI-2. NICOLE L. ENGLUND & JAMES ALLEN, University of South Dakota (Faculty Sponsor: Dr. Barbara Yutzhenka)

PSI BETA DISTINGUISHED SPEAKER PSYCHOMETRICS AND THE TIME DIMENSIONS

ROBERT GUTHRIE, Southern Illinois University at Carbondale

Thursday, 3:00 - 4:00 pm Private Dining Room 16
Host: Dr. SUSAN HARRIS-MITCHELL, College of DuPage

CTUP: HOW TO LAND A JOB AS A COLLEGE TEACHER

Thursday, 4:00 - 5:15 pm Private Dining Room 16
Moderator: JAMES H. KORN, St. Louis University

Emerging from the Pond. JAMES H. KORN, St. Louis University
Hook, Line and Sinker. JANE S. HALONEN, Alverno College
Desperately Seeking Recognition. NEIL S. LUTSKY, Carleton College

CTUP, PSI CHI, PSI BETA & CUPP PLANNING SESSION

Thursday, 5:15-5:45 pm Private Dining Room 16
CTUP: CAPSTONE EXPERIENCE

Friday, 8:30 - 9:45 am  
Private Dining Room 16  
Moderator: DOROTHEE DIETRICH, Hamline University

Developing a Capstone Course to meet your Objectives and Constituency.  
LAUREL CAMP, Marian University
Integrating Theory, Research, and Practice in the Senior Seminar.  
TOM PUSATERI, Loras College
Facilitating Empirical Research in the Senior Seminar.  
DOROTHEE DIETRICH, Hamline University
Designing a Capstone Course for the Masses.  
MICHAEL REINER, Kennesaw State College

PSI CHI DISTINGUISHED SPEAKER

Friday, 9:00-10:15 am  
Private Dining Room 18  

GENDER IN THE IVORY TOWER: PROBLEMS AND PROGRESS

CHRISTINA MASLACH, University of California, Berkeley

Host: LINDA J. SKITKA, University of Illinois, Chicago

PSI CHI POSTER SESSION II

Friday, 9:15-10:45 am  
Upper Exhibit Hall

1 Characteristics of Life Events in Adolescence.  
KELLY KLAAS, University of Missouri-Columbia (Dr. David DuBois, Faculty Sponsor)

2 Representation of Stimuli Location in Retinal Ganglion Cell Receptive Field Centers in the Temporal Pattern of the Response.  
RADLEY D. HELIN, University of Illinois at Chicago (Dr. Michael W. Levine, Faculty Sponsor)

3 Teaching Experience and Sex of Child as Determinants of Teachers' Referral Decisions.  
BRENDA R. ERDMAN, Beloit College (Dr. Laurence T. White, Faculty Sponsor)

4 Life Events and Adjustment in Adolescence.  
SHANNON DOUGHERTY, University of Missouri-Columbia (Dr. David DuBois, Faculty Sponsor)

5 The Effect of Positive vs. Negative Labels on the Selective Encoding and Retrieval of Behavioral Information.  
REBECCA ANN WYERS, Southern Illinois University at Edwardsville (Dr. Kenneth M. Kleinman, Faculty Sponsor)

6 Attitudes Toward Child Sexual Abuse in Jury Selection.  
JULIE MOLITOR, University of Missouri-Columbia (Dr. Joseph Lopiccolo & Harris Cooper, Faculty Sponsors)

7 The Effects of Gender and Sex Role Attitudes on the Perception of Sexist Humor.  
JULIE L. MARTZKE, University of Wisconsin Eau Claire (Dr. Blaine Peden, Faculty Sponsor)

8 Sexual and Psychological Violence: A Study of Predictors in College Men.  
MARK R. BECKER AND GLENN E. GOOD, University of Missouri-Columbia (Dr. Harris Cooper, Faculty Sponsor)

9 Do Female College Students with Eating Disorders Differ in Academic Success?  
SARA E. DAMERON, MOLLIE D. KOHN, VICKI L. SILVERS, JULIE E. WILDER & ROBERT F. AHLERING, Central Missouri State University (Dr. Robert F. Ahlering, Faculty Sponsor)

10 The Influence of Interviewers' Language and Questioning Style on the Responses of Alleged Child Sexual Abuse Victims.  
JULIE R. GALAS, TRACI R. GLEASON, JENNIFER S. HUNT, LORI A. KOMORI & LISA M. KELLEN, Creighton University (Dr. Nancy W. Perry & Dr. Thomas Lee Budesheim, Faculty Sponsors)

11 Academic Self-Concept: A Multi-dimensional Model.  
STEPHANIE LEE JOHNSON, North Central College (Dr. Karl Kelley, Faculty Sponsor)

12 Fashion and Fitness Magazine Exposure Decrease Body Satisfaction in College Men and Women.  
SUZANNE M. BROM, St. Mary's College of Minnesota (Dr. Andrew Manion, Faculty Sponsor)

JASON KANZ, Northwestern College of Iowa (Dr. Scott Vander Stoep, Faculty Sponsor)

14 Creative Delinquency: Anti-Social Behavior in Gifted Children.  
JASON A. WERNER, University of Missouri-Columbia (Dr. Debora J. Bell-Dolan, Faculty Sponsor)

15 Concurrent Validity of the Kaufman Adolescent and Adult Intelligence Test (KAIT) and Wechsler Intelligence Scale for Children - Third Edition (WISC-III) for African-American Early Adolescent Children.  
LINDA A. SNARR, Southern Illinois University at Edwardsville (Dr. Robert E. Limp, Faculty Sponsor)

16 The Effect of Maternal Depression on Perceptions of Delinquent Female Adolescents Behavior Problems.  
JENNIFER GOODWIN, University of Missouri-Columbia (Dr. Charles Borduin, Faculty Sponsor)

17 Racial Identity Differences in the Correlates of Body Image.  
HOLLY MARTIN, University of Missouri-Columbia (Dr. Harris Cooper, Faculty Sponsor)
18 The Five Factor Model of Personality in Relation to the Eating Disorder Continuum. TRACY LYNN TYLKA, University of Akron
(Dr. Linda M. Subich, Faculty Sponsor)

19 Differences in Affect and Moral Attitudes Between Former Public and Parochial School Students. NANCY ANGELELLA, University of Michigan-Dearborn (Dr. Robert W. Hymes, Faculty Sponsor)

20 Social Support, Cognitive Functioning, and Desire to Succeed Facilitate Occupational Therapy. JANE A. POULIOT, St. Mary's College of Minnesota (Dr. Andrew P. Manion, Faculty Sponsor)

21 Imipramine and Behavior Modification Effectively Treat Enuretic Boy with Oppositional Defiant Disorder. KATHLEEN A. KEATING, St. Mary's College of Minnesota (Dr. Andrew P. Manion, Faculty Sponsor)

22 American Indian Children's Perceptions of Family Cohesion. TINA KARAS & ANNA KETTLEWELL, University of Wisconsin Eau Claire (Dr. Allen Kenniston, Faculty Sponsor)

23 A Measure of Adolescent Peer-Harassment Effects on Environment and Perceptions in Middle School. JANICE F. BERRY, University of Wisconsin-Eau Claire (Dr. Blaine Peden, Faculty Sponsor)

24 Offaction: An Investigation of the Dual-Code Theory and Memory Duration. ADAM HAFDAHL, University of Wisconsin-Eau Claire (Dr. Blaine Peden, Faculty Sponsor)

25 The Effects of Elaboration of the Recall of Prose Material. DANIEL P. MLADNICK, University of Wisconsin-Eau Claire (Dr. Dennis Mac Green, Faculty Sponsor)

26 Creativity in Dyads versus Nominal Groups: Is There a Difference? KATHLEEN A. DONNELLY, John Carroll University (Dr. Janet Larsen, Faculty Sponsor)

27 Perception of Husband Abuse Dependent on Gender of Subject and Victim. MARIE LEHMANN, John Carroll University (Dr. Janet Larsen, Faculty Sponsor)

28 The Effects of Disability Disclosure on Employment Interview Outcomes. ERIN L. HENDERSON, GARY ADAMS, & LYNDA KING, Central Michigan University (Dr. Lynda King, Faculty Sponsor)

29 The Relationship Between Birth Order and Self-Perceptions. TANYA M. SAGER & ELAYNE M. THOMPSON, Cardinal Stritch College (Dr. Elayne MacArthy Thompson, Faculty Sponsor)

30 An Assessment of Classroom Climate. BENJAMIN T. MAST, Calvin College (Dr. Martin Bolt, Faculty Sponsor)

31 Physical Attractiveness as an Employment Selection Tool for Females. LISA MARTIN, Barat College (Dr. Jerry Cleland, Faculty Sponsor)

32 Who Participates in Medical Studies? WILLIAM P. LANDERS, KATHLEEN A. MOORE, JOSEPH H. DANKS, LISA M. KLEPAC, KRISTEN M. BUCARO, PETER H. DITTO & WILLIAM D. SMUCKER, Northeastern Ohio University College of Medicine (Dr. William D. Smucker & Joseph H. Danks, Faculty Sponsors)

33 Improving Work Performance of Fast Food Restaurant Employees with a Newsletter. KARA J. COLLINS, Northern Kentucky University (Dr. David E. Hogan, Faculty Sponsor)

34 Perceived Threat and Workload in the Identification of Motorcycles. ERIC DULANEY, JEFFREY SMITH & CYNDI MCDANIEL, Northern Kentucky University (Dr. Jeffrey Smith, Faculty Sponsor)

35 Just Do It! Exercise Intention and Behavior in Action Versus State Oriented Individuals. BENITA NORDENSTROM, Moorhead State University (Dr. Ernest W. Hallford, Faculty Sponsor)

36 The Effects of Prosodic Cues on the Perception of Vowel Sequences. BENITA NORDENSTROM, Moorhead State University (Dr. Magdalene Chalikia, Faculty Sponsor)

37 Weight Concerns and Attitudes in a College Population: Social and Developmental Foundations. D. ADAM LONG, Southern Illinois University at Edwardsville (Dr. Kenneth M. Kleinman, Faculty Sponsor)

38 Structural Relationships Between Personal Characteristics, Attributional Styles, and Premises of the Abortion Debate. CYNTHIA DAUGHENBAUGH & SUSAN THOMAS, Southern Illinois University at Edwardsville (Dr. Susan Thomas, Faculty Sponsor)

39 Stereotype Development and Strength: Are There Differential Effects of Contact, Familiarity, and Liking? LOUIS TRETTER, University of Missouri-Columbia (Dr. B. Ann Bettencourt, Faculty Sponsor)

40 Effects of Depression on the Autonomic Control of the Heart. MARCI C. SMITH & JULIAN P. THAYER, University of Missouri-Columbia

41 The Angry Male and the Passive Female: The Role of Gender and Self-Esteem in Anger Expression. JANÁ S. NUNN & SUSAN L. THOMAS, Southern Illinois University at Edwardsville (Dr. Susan L. Thomas, Faculty Sponsor)

42 Gender Differences in Self-Esteem and the Degree of Self-Disclosure in Best Versus Casual Friendships. TRISTAN M. MÉNÉLLE, John Carroll University (Dr. Janet Larsen, Faculty Sponsor)

43 The Validity of the SIFFM. JOHN R. HOLCOMB, University of Missouri-Columbia (Dr. Timothy J. Trull, Faculty Sponsor)

44 Memory for the Manual Alphabet. CARRICK WILLIAMS, Kansas State University (Dr. Charles P. Thompson, Faculty Sponsor)
45 Monolingual and Bilingual Children's Differential Use of Informational Cues on Word Learning. SARAH HARRISON, N. GETZ, K. GUY, S. VANDERSPOOL & K. WINDFUHR, Hope College (Dr. Lorna Hernandez Jarvis, Faculty Sponsor)

46 The Use of Linguistic Rules and Spatial Reasoning Among Engineering and Non-Engineering Students. NANCY J. WILLIAMS, University of Michigan-Dearborn (Dr. Michael Akiyama, Faculty Sponsor)

47 The Effect of Priming on Lexical Decision of High and Low Divergent Subjects. MOLLY A. MCWHINNEY, TROY A. OLTMAN, JENNIFER L. LILLIG & NUKHET D. YARBROUGH, Coe College (Dr. Nukhet D. Yarbrough, Faculty Sponsor)

48 Factors Influencing Attitudes Toward Persons With AIDS. LORI PETERS, Winona State University (Dr. Peter Miene, Faculty Sponsor)

49 Pretest Posttest Results of 'At Risk' Preschool Children on Prosocial Developmental Rating Scale. LOWRY C. FREDRICKSON & JULIE L. TREVITT, Coe College

50 Characteristics of Male Batterers Who Were Court Ordered to Attend an Intervention Program. KATHERINE L. APPLEGATE & MICHAEL J. MARSHAL, West Liberty State College (Dr. David R. Linden, Faculty Sponsor)

51 Perceived Parenting Style as a Predictor of Identity Development. HARMONY GESKE & KRISTINE PETERSON, Gustavus Adolphus College (Dr. Mark Kruger, Faculty Sponsor)

52 Interference Theory and the Misinformation Effect: The Influence of Presentation Order. MICHELLE FORD, Gustavus Adolphus College (Dr. Mark Kruger, Faculty Sponsor)

53 The Pattern of Learning and Performance in Alzheimer's Disease During a Computerized Repeated Acquisition Task: A Pilot Study. JOSEPH E. GAUGLER & CELIA WOLK GERSHENSON, University of Minnesota (Dr. Mark Kruger, Faculty Sponsor)

54 Borderline Personality Disorder: Clients' Perceptions of Successful Therapeutic Relationships. JO M. WEIS & ELAYNE M. THOMPSON, Cardinal Stritch College (Dr. Elayne MacArdy Thompson, Faculty Sponsor)

55 Educating Parents: The Influence on Parental Attitudes Toward Underage Drinking. KATHIE KOENIG & ELAYNE THOMPSON, Cardinal Stritch College (Dr. Elayne MacArdy Thompson, Faculty Sponsor)

56 The Effects of the Socio-economic Status of an African-American Male on Criminal Sentencing. LAURA ALLEN, JULIE FLEKAL, TERESSA HAGERMAN, & FRANK STAGGERS, Southern Illinois University at Edwardsville (Robert Grace MS-R, Faculty Sponsor)

57 Can Expert Opinion Alter One's Social Attitudes? TERESA BRANCH, CYNTHIA HAAR, MARK JURGENA & MOLLY PANCHORST, Southern Illinois University-Eddiesville (Robert Grace MS-R, Faculty Sponsor)

58 The Effect of Interpersonal Distance on Arousal Levels Between Genders. ANN BINGHAM, AMY R. KLEIN, ANDREA HARWARD & SUSANNE M. WEISE, Southern Illinois University at Edwardsville (Robert Grace MS-R, Faculty Sponsor)

59 Helping Behaviors: Helping Behaviors as a Function of Perceived Previous Helping. DOUGLAS GIFFORD, CLAIRE ROUTREE, CRAIG BAUER & DIANA MCCUSKEY, Southern Illinois University at Edwardsville (Robert Grace MS-R, Faculty Sponsor)

60 Halfway Between the Parallel-Lines Illusion and the Baldwin Illusion: A Test of the Assimilation Theory. THOMAS F. M. DEBRIS & ERNEST W. HALLFORD, Moorhead State University (Dr. Ernest W. Hallford, Faculty Sponsor)

61 The Role of Dimensionality in Determining the Rate of Mental Rotation. JULIE LARSON & STEPHANIE ROISE, Moorhead State University (Dr. Magdalene Chalikia, Faculty Sponsor)

62 Heinousness of Crime and the Assignment of the Death Penalty. KATHERINE SAMS & DOROTHEE DIETRICH, Hamline University (Dr. Dorothee Dietrich, Faculty Sponsor)

63 Gender Based Attitudes Toward Physical Abuse. APRIL J. BOOM, University of Wisconsin-La Crosse (Dr. Emily Johnson, Faculty Sponsor)

64 Categorization and Preference in Art. CHAD SCHUMACHER & SHAWN WITTMAN, Moorhead State University (Dr. E. Hallford, Faculty Sponsor)

65 Sound Localization in Eastern Cottontail Rabbits (Sybilagus floridanus). KRISTIN M. FLOHE, R. A. GANDY & R. S. HEFFNER, University of Toledo (Dr. R. S. Heffner, Faculty Sponsor)

66 Can You Control Anxiety or Will Anxiety Control You?: The Effect of Locus of Control and Perception of Control on Anxiety. MUZETTE CARTER & ROBERT J. GRACCHIO, Southern Illinois University at Edwardsville (Dr. Susan L. Thomas, Faculty Sponsor)

67 Awareness of Dialectical Relations and Belief in Free Will. GORDON VAN TASSEL, Moorhead State University (Dr. E. W. Hallford, Faculty Sponsor)

68 Learning Strategy Changes in College Men and Women During the Freshman Year. MALAYNA J. HALVORSON, Luther College (Dr. Jane Jakoubeck, Faculty Sponsor)

69 The Effect of Time Pressure and Incentive on Performance. JAMES FARRELL & MICHAEL KLOOS, Southern Illinois University at Edwardsville (Dr. Susan Thomas, Faculty Sponsor)
70 Preliminary Validation of the Counterfactual Propensities Questionnaire (CPQ). REBECCA VAN DYKE, DOV SCHER, & SARA MINNAAR, JOHN HAVNAAR & ERIK ELDRED, Hope College (Dr. Margaret Kasimatis, Faculty Sponsor)

71 An Analysis of Social Cognition and Health Insurance. SCOTT CHRISTIAN WHEELER & M. SHELTON SMITH, University of Northern Iowa (Dr. M. Shelton Smith, Faculty Sponsor)

72 Optimism, Pessimism and Defensive Pessimism: A Comparison of Two Scales. MICHAEL J. TAGLER & WILLIAM F. ADDISON, Eastern Illinois University

73 Innocent Until Proven Guilty? ROBERT A. CARROLL, Muskingum College (Dr. Jeanie L. Ng, Faculty Sponsor)

74 Place Conditioning in Juvenile Rats Using Caffeine as the Unconditioned Stimulus. ANNE REILLY & MATT CLARK, Coe College (Dr. Thomas B. Moyer, Faculty Sponsor)

75 Hemispheric Specialization and the Recognition of Emotion in Asymmetrical Facial Expressions. SHANYN AYSTA, KELLY DUGGAN, SARANELL KRACHT & TONYA THOMPSON, Wheaton College (Dr. Robert Vautin, Faculty Sponsor)

76 A Study in Psi-Learning: Can ESP be Developed Consciously? JAMES HOURAN, Sagamore State University (Dr. Rense Lange, Faculty Sponsor)

77 Jealousy and the Workaholic. CHRISTOPHER J. MILLER, Western Illinois University (Dr. Eugene Mathes, Faculty Sponsor)

78 Irrelevance of Rearing Conditions on Social Modeling of Food Preference in Rats. CHRIS A. CONDON, University of Wisconsin, Oshkosh (Kathleen Steiter & Lee J. McCann, Faculty Sponsors)

79 Black and White Women College Students’ Reporting Patterns and Coping Responses Following Rape. MARY K. CLARK, University of Missouri, Columbia (Dr. Harris Cooper, faculty Sponsor)

ACADEMIC INTEGRITY III: DO WE PRACTICE WHAT WE TEACH?

Friday, 10:00 - 11:00 am Private Dining Room 16
Moderator: DREW APPLEBY, Marian College
Student Discussants: CHRISTINE HARNESS, Alverno College, & MATTHEW HUSS, University of Nebraska, Lincoln

Academic Integrity: Teaching within the Boundaries of our Competence. ROBIN LASHLEY, Kent State University Tuscarawas
Terminating the Professional Relationship: Issues for Teaching Psychologists. NEIL LUTSKY, Carleton College

Sponsored by CTUP
AFFILIATED MEETING OF THE SOCIETY FOR COMMUNITY RESEARCH AND ACTION
OPEN MEETING OF THE DIVISION 27 INTEREST GROUP

1995 Midwestern Regional Program Coordinator: JOSEPH F. FERRARI, DePaul University

SYMPOSIUM

INNOVATIONS IN EMPOWERMENT INTERVENTION AND RESEARCH

Friday, 8:00 - 8:50 am  

Salon 6

Innovative empowerment projects are considered, including empowerment in public health, developing empowering staff in the human services, the empowerment of persons with intellectual disability through goal setting, the roles of professionals who seek to empower the disempowered, and the characteristics of self-advocacy groups.

Moderator: CHRISTOPHER B. KEYS, University of Illinois-Chicago

Empowerment in Public Health. SHARON TELLEEN, University of Illinois-Chicago

Developing Empowering Staff in Human Services. DANIEL KAPLAN, CHRISTOPHER KEYS, FABRICIO BALCAZAR, DAVID HENRY & MARIE MCKAY, University of Illinois-Chicago

Empowerment of Persons with Intellectual Disability Through Goal Setting. DONNA HELTON, CHRISTOPHER KEYS & FABRICIO BALCAZAR, University of Illinois-Chicago

The Roles of Professionals Who Seek to Empower the Disempowered. DAR-IUS TANDON, University of Illinois-Chicago

The Characteristics of Self-Advocacy Groups. ALISON MILLER, NANCY LONGHURST, CHRISTOPHER KEYS, DAVID BRADDOCK & GLENN FUJIIURA, University of Illinois-Chicago

SYMPOSIUM

COLLECTIVISM: AN ALTERNATIVE PERSPECTIVE FOR COMMUNITY PSYCHOLOGY

Friday, 9:00 - 9:50 am  

Salon 6

Individualism as a perspective assumes that the individual is the agent of primary focus and that success is measured in terms of personal effort. Such
concepts as empowerment, mastery, and self-efficacy are embodiments of this thinking. Collectivism, in contrast, depicts the collective or group as the focus and the active agent of change and action. Collectivism may be a more closely matched ideology than individualism to women than men and to Eastern and African cultures than European-American culture. How research might be informed by a collectivist perspective will be discussed and examples of empirical research on coping, health promotion, and stress in women’s life will be presented.

Moderator: STEVAN E. HOBFOLL, Kent State University

Theory of Individualism vs. Collectivism. STEVAN E. HOBFOLL, Kent State University

Collectivist View of Coping. JEANNINE MONNIER, Kent State University

AIDS Prevention Using Collectivist Empowerment. KIYOKA WATKINS, Kent State University

Collectivist Coping Among Employed Women. JENNIFER WELLS, Kent State University

Natural Mentors Among Hispanic Women. JOSEFINA CONTRERAS, Kent State University

Discussant: LEONARD A. JASON, DePaul University

SYMPOSIUM

INNOVATIVE APPROACHES FOR POLYSUBSTANCE AND ALCOHOL RECOVERY

Friday, 11:00 - 11:50 pm

This symposium presents an on-going evaluation of a program for recovering addiction abusers known as “Oxford House.” This is a cost-effective, highly relevant program, with important implications for the managed care initiatives at the state and federal level. Members of the evaluation team will discuss information gathered on men, women, and women with children as residents. Discussion will focus on existing and new-formed houses in Illinois.

Moderator: LEONARD A. JASON, DePaul University

Men’s Issues in Recovery. JOSEPH FERRARI, DePaul University

Women’s Issues in Recovery. MARGARET CURTIN, JANET MCKELVEY, PATRICIA MARSH, BARBARA SMITH, CATHERINE FLYNN, & JENNIFER CLAUSON, DePaul University

Children’s Issues in Recovery. REBECCA NELSON & MARILYN KARAS, DePaul University

Recruiter’s Reactions. SANDRA HERRON, DePaul University

State Agency’s Impressions. BARBARA CIMAGLIO, Department of Alcohol & Substance Abuse, Illinois

Discussants: DOOREN SALINA, Northwestern University, ROBERT FELNER, University of Illinois-Urbana

SYMPOSIUM

PROMOTING SUCCESSFUL ACADEMIC AND COMMUNITY COLLABORATIONS: THE RECENT EXPERIENCE IN CHICAGO

Friday, 10:00 - 10:50 am

The Policy Research Action Group (PRAG) is a group of Chicago-based academics and community activists which has been building a collaborative research network to better link research and grassroots activism. At a time when universities are increasingly under the fire for not contributing to the community and not doing research directly relevant to the broader community outside college walls, PRAG works to strengthen ties between researchers and community organizations. This symposia examines the theory and practice of making collaborative research work in Chicago through the PRAG model.

Moderator: CHARLES Saxe, Loyola University

Elements that Constitute a Successful Collaborative Relationship. DARRYL BURROWS, Citizens Information Service of Illinois

Working with CEOs and Academics in the Health Care Field. NAOMI KISTIN, University of Illinois-Chicago

Effects of Working with Community-based Organizations on Academic Experience and Training. ABESIE KELLY, DePaul University

Discussant: PAUL A. TORO, Wayne State University

POSTER SESSION

COMMUNITY RESEARCH AND ACTION

Friday, 12:00 - 12:50 pm

Moderator: STEVAN E. HOBFOLL, Kent State University

A. Acculturation Factors and Their Role in the Academic Achievement of Bilingual Urban, Latino High School Students. RICHARD CONTRETAS, OLGA RYEYES, KIMBERLY KOBUS & KAREN GILLOCK, University of Illinois-Chicago
This poster will present findings on the relationship between acculturation status and academic achievement of 171 tenth graders attending a predominantly Mexican, Chicago Public High School. Findings are discussed in terms of the impact of acculturation on academic outcomes and in terms of implications for both intervention and future research.

Kimberly Kobus & Olga Reyes, University of Illinois-Chicago
This poster will present the findings of a study in which one hundred and seventy-one 10th graders were interviewed. These students were attending a predominantly Mexican, Chicago Public School. Findings are presented in terms of characteristics of respondents' friendships and the respondents' academic performance and aspirations.

Karen Gillock & Olga Reyes, University of Illinois-Chicago
The effects of environmental change as a result of the high school transition on student's adaptation will be presented. Adaptation was measured both by students' self-reports of school- and self-perceptions and by academic performance. Assessment was made of the magnitude and direction of change in perceptions and performance, as well as the relationships between variables over the course of the transition.

D. Caring About the Community: Integrating Research in Community Settings to Enhance Altruism.
Catherine M. Flynn, Joseph R. Ferrari & Leonard A. Jason, DePaul University
Active involvement in community-based research projects may heighten a person's altruism toward their community. In this study, 18 women and 6 men were involved in the design, implementation, and evaluation of community research projects. Involvement resulted in personal growth, an enriched education, and a positive impact on career goals. Participants reported they would recommend the experience to others.

E. Stress in Family Caregivers of Adults with Developmental Disabilities: A Path Analytic Approach.
Jennifer A. Roccaforte, Christopher B. Keys & Glenn T. Fujiura, University of Illinois Chicago
Three theoretical models of caregiving and stress are tested. Participants include 104 family caregivers of adults with developmental disabilities. Causal relations among four sets of variables are explored: behavioral competency of relative with disabilities, family resources, caregiving burden, and perceived stress of primary caregiver. Findings discussed in terms of stress theory and public policy implications.

F. Why are Diagnostics Important to Community Psychology?
Michael T. Ropacki & Leonard A. Jason, DePaul University
Traditional diagnostic tools of psychologists can and have been used in areas such as prevention, advocacy, and other community-related topics. In this presentation, we will show how these types of techniques can be used to help in advocacy efforts toward a population affected with chronic illness.

G. The Psychosocial Factors Related to Filing Charges of Employment or Housing Discrimination by African-Americans and Hispanics in Illinois.
ISIAH Crawford, Loyola University, Rose Mary Bombela, Illinois Department of Human Rights, Andrew McLeod & Elizabeth Soliday, Loyola University
This poster examines the predictive features of racial identity development, locus of control, and level of acculturation on filing charges of employment and housing discrimination in the state of Illinois.

H. Contextual Analysis of Factors that Lead Hispanic Youths with Disabilities to Drop-out of High School.
Fabricio Balcazar, Christopher Keys, Robert Brook, Victoria Isaza-Rivera, Sofia Gomez & Helen Contreras, University of Illinois-Chicago
This poster summarizes the preliminary findings of contextual analysis interviews conducted with a group of 20 Hispanic youths with disabilities who have dropped out of high school. The data will identify personal and environmental factors that appear to contribute in the students' decision to drop. The implications of these findings for the development of appropriate intervention strategies will be highlighted.

I. The Habitat-For-Humanity Family Experience.
Cynthia Butler, DePaul University, Janice Finney, Uptown Habitat-For-Humanity, & Joseph R. Ferrari, DePaul University
Uptown Habitat-For-Humanity in Chicago is one of the country's fastest growing Habitat affiliates. This study focused on the attitudes, experiences, and opinions of Uptown Habitat families. The families' input outlines the beneficial impact of Habitat on their lives and provides other valuable insights that carry important implications for the Chicago and other affiliates.

J. Community Psychology's Role in Community-level Tax Counseling for the Working Poor.
Mashana L. Armstrong, DePaul University, Michael O'Connor, Center for Law and Human Services, & Joseph R. Ferrari, DePaul University
This research project explored ways to decrease the under-utilization of tax benefits by the working poor. Community-based tax counseling assistance was delivered to child-care and Head Start staff and parents in an attempt to increase their level of understanding and utilization of available tax services. Survey instruments were used to assess changes in utilization. Implications of these results will be presented.

SYMPOSIUM
IMPROVING THE QUALITY OF LIVING WITHIN THE LATINO COMMUNITY

Friday, 1:00 - 1:50 pm

The focus of this symposium will be discussing the impact three distinct programs have on the Latino community. The programs include addressing Latino community concerns, implementation of the Americans with
Disabilities Act in the Latino community, and reducing the sales rate of cigarettes to minors in the Latino community.

Moderator: WILLIAM D. BILLOWS, DePaul University

Identifying the Community Concerns of Latinos in a Chicago Suburb. YOLANDA SUAREZ-BALCAZAR & JULIA TRILLOS, Loyola University; JULIE BLANKMEIER, PATTI LUDWIG-BEYMER & CLEMENCIA CASAS-BYOTS, Lutheran General Health System

Community Planning and Education with an Urban Latino Community Regarding Implementation of the Americans with Disabilities Act. FABRIGIO E. BALCAZAR, CHRISTOPHER B. KEYS, RICHARD CONTRERAS & MAYRA NAVAS, University of Illinois-Chicago; BRIGIDA HERNANDEZ, Northwestern University; & ANEL GONZALEZ, Illinois Fiesta Educativa

Impacting the Sales Rate of Cigarettes in Latino Communities. WILLIAM D. BILLOWS, DANIEL SCHNOPP-WYATT & LEONARD A. JASON, DePaul University

Discussant: OLGA REYES, University of Illinois-Chicago

PANEL DISCUSSION
COMMUNITY BUILDING: DEVELOPING NEW SUPPORTS FOR DISENFRANCHISED POPULATIONS

Friday, 2:00 - 2:50 pm

Developing a sense of community for those with chronic illness and other physical adversities, challenges the community psychologist. Individuals with Chronic Fatigue Syndrome, mental illness, physical challenges, and multiple chemical sensitivities need support, advocacy, housing, and personalized treatment to rebuild their lost sense of community. Local community psychologists join forces to present and discuss completed, ongoing, and future research.

TRINA HANEY-DAVIS, MICHAEL A. BANGHART, LEONARD A. JASON, JENNIFER L. SHILO & LYNN I. WAGNER, DePaul University; KIRK BECKER, University of Chicago; & DAVID A. JOPP & CHRISTOPHER B. KEYS, University of Illinois-Chicago

Chair: TRINA HANEY-DAVIS, DePaul University

Discussant: JOSEPH A. DURLAK, Loyola University

SYMPOSIUM
EXPLORING CHALLENGES AND SOLUTIONS FOR THE PSYCHOLOGICAL STUDY OF WOMEN

Friday, 4:00 - 4:50 pm

This graduate student symposium will provide a framework of discussing the challenges currently being encountered and solutions being developed by those interested in the study of women. Nontraditional viewpoints on theory, research practice, and training will be the focus of discussion. Examples will be drawn from the presenters’ research interests, including hypertension, pregnancy, eating disorders, coping, and couple interactions. These questions are especially salient to graduate students due to the increasing proportion of women in graduate training and the lag in achieving comparable representation of women on graduate faculties.

Moderator: REBECCA P. CAMERON, Kent State University

Are Feminist Perspectives Being Incorporated into Theory, And If So, How? REBECCA P. CAMERON, Kent State University

How is Research Evolving to Address the Needs of Women? JENNIFER L. SANFTNER, Kent State University

Overcoming Obstacles to Appropriate Prevention and Treatment for Women. ROBERTA C. TAYLOR, Kent State University

Are Women’s Training Needs Being Met? JENNIFER D. WELLS, Kent State University

A Multi-Cultural Perspective. LARMIA L. ROBBINS, Kent State University
PANEL DISCUSSION
WOMEN IN COMMUNITY PSYCHOLOGY: STRIVING FOR EQUALITY IN PREVENTION

Friday, 5:00 - 5:50 pm  Salon 6

This panel discussion will highlight several contemporary women's issues in community psychology. Topics will include barriers to women working in the field, women's involvement in research and intervention, and the need for prevention efforts that focus on women in areas such as domestic violence and the increasing rate of HIV infection.

HOLLY E. BARNES, DePaul University, GRIS SULLIVAN, Michigan State University, YOLANDA SUAREZ-BALCAZAR, Loyola University, & OLGA REYES, University of Illinois-Chicago

Chair: HOLLY E. BARNES, DePaul University

OPEN MEETING
FIFTH BIENNIAL CONFERENCE ON COMMUNITY RESEARCH AND ACTION (JUNE 15-18, 1995, CHICAGO)

Friday, 6:00 - 6:30 pm  Salon 6

Would you like to get involved in the biennial meeting for community psychologists? Learn about the upcoming program and ways to play an active part in the conference.

Chairs:
ROGER WEISSBERG, University of Illinois-Chicago
FABRICIO BALCAZAR, University of Illinois-Chicago
PATRICK TOLAN, University of Illinois-Chicago

EXHIBITORS
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<td>ATP's supplemental materials include resource books for special education, such as The Tuned-in Turned-on Book About Learning Problems and WISC-R-III Compilation.</td>
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<tr>
<td>750 First St., N.E., Washington, DC 20002-4242</td>
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<td>Pamphlets and publications from the APA Education Directorate Program: Program Consultation and Accreditation; Continuing Education; Center for Education and Training in Psychology; Center for Psychology in Schools and Education; and Communication.</td>
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<td>The APA's Science Directorate serves Scientific Psychologists &amp; works to advance Psychology as a Science. At our exhibit you will find information on how to keep abreast of important national policy issues that affect you as a scientist—PLUS pick up your copies of the Research Funding Bulletin, Psychological Science Agenda. Student Award applications, psychological testing material, and animal research.</td>
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<td>15350 W. National Ave, Suite 205, New Berlin, WI 53151-5158</td>
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<td>Assessment instruments that address selection, career counseling, attention deficit disorder (ADD), executive coaching, sales training, team effectiveness, management/leadership development and corporate needs analysis. Customized assessments are available.</td>
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OREGON
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APONTE ET AL
Psychological Interventions with Ethnically Diverse Groups: Concepts, Issues, and Methods

ARKOFF
The Illuminated Life

ARONOW ET AL
The Rorschach Technique: Perceptual Basics, Content Interpretation, and Application

BARON
Psychology, 3/e

BATCHelor & DEAN
Pediatric Neuropsychology: Interfacing Assessment and Treatment for Rehabilitation

BROWN ET AL
Psychological Consultation: Introduction to Theory and Practice, 3/e

BUSS
Personality: Temperament, Social Behavior, and the Self

CARLSON
Foundations of Physiological Psychology, 3/e

FREIBERG
Psychological Testing: Design, Analysis, and Use

GABROD ET AL
Adolescent Portraits: Identity, Relationships, and Challenges, 2/e

HAMACHEK
Psychology in Teaching, Learning, and Growth, 5/e

HORcGAN
Achieving Gender Equity: Strategies for the Classroom

KURlNES & GEWIRZ
Moral Development: An Introduction

LEE
Counseling for Diversity: A Guide for School Counselors and Related Professionals

LEMMc
Development in Adulthood

MCKENNA
The Undergraduate Researcher's Handbook/ Creative Experimentation in Social Psychology

NEVID
Choices: Sex in the Age of STDs

NEVID ET AL
Human Sexuality in a World of Diversity, 2/e

NICHOLS & SCHWARTZ
Family Therapy: Concepts and Methods, 3/e

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Cognitive Psychology, 4/e

TISHMAN ET AL
The Thinking Classroom: Learning and Teaching in a Culture of Thinking, 2/e

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