

**JOSHUA E. BLUSTEIN, PhD.**

Department of Psychology, Saint Joseph's University, Philadelphia,  
Pennsylvania

(215) 939-2332

**EDUCATION**

Temple University, Philadelphia, Pennsylvania, 1982-1987; Ph.D. Experimental Psychology (Specialization in Learning and Behavioral Neuroscience).

Stockton College, Pomona, New Jersey, 1980; B.A. Psychology with Honors

**PROFESSIONAL EXPERIENCE****Teaching Positions**

2020-Present, Adjunct Professor of Psychology, Saint Joseph's University, Philadelphia, Pennsylvania

1997-2018, Associate Professor, Department of Psychology, Arcadia University, Glenside, Pennsylvania. (Retired)

1989-1996, Assistant Professor, Department of Psychology, Arcadia University, Glenside, Pennsylvania.

1992-1995, Staff member, National Science Foundation Grant, Teaching High School Psychology as a Natural Science.

1991 (Summer) Instructor for William Penn Foundation Grant in which Beaver Faculty and Community College of Philadelphia Faculty Team Taught CCP students.

1987-1989 Visiting Assistant Professor, Department of Psychology, Lafayette College, Easton, Pennsylvania.

**Administrative Positions**

1989-2001, Arcadia University Director of Animal Facilities. Reports to the USDA regarding all animal facilities. Supervises Work-Study students

## COMMITTEE SERVICE

UAPC: Fall 1990- Spring 1993; Chair of the New Course and Programs Subcommittee:  
Fall 1991-Spring 1993.

COPRS: Fall 1990-Present; 1993-1996, Chair of COPRS.

Alcohol and Other Substance Advisory Group: Fall 1991-1995

Academic Standing Committee: Fall 1991-1992

Board Committee (Student Affairs, 1991; 1993-1994, Institutional Advancement)

Board Committee (Finance, 1994-1995)

Instructional Technology (1995-2006)

Board Committee (Trustees and Honors, 2006-2007)

Chair, Instructional Technology (2009-2010)

IT Advisory Committee (2015-2016)

Learning Management Test Group, Canvas vs. Blackboard, (2015-2016)

## COURSES TAUGHT

Introductory Psychology	Statistics (Graduate)
Psychology as a Natural Science	Research Methods
Learning and Motivation	Behavioral Neuroscience (with lab)
Research Methods in Learning	Psychology as a Natural Science (Graduate)
Experimental Psychology Lab	Drugs and Behavior (Team taught)
Design and Analysis Lab	Research Design, Methodology, and Evaluation (Graduate)
Learning and Cognition (with lab)	Drugs and Behavior, Freshman Seminar
Sensation and Perception (with lab)	Seminar in Behavior Therapy (Graduate)
Clinical Psychopharmacology	Elementary Statistics
Neuroscience for Counselors (Graduate)	
Psychopharmacology (Graduate)	Seminar in Pain Systems
Seminar in Psychopharmacology	
Biological Basis of Behavior	
Foundations of Neuroscience	

## FELLOWSHIPS, GRANTS, and AWARDS

National Honor Society in Psychology, Psi Chi	Biomedical Research Support Grant, July, 1984-April, 1985 "The Role of Endogenous Opioids in Learned Helplessness"
Honors in Psychology, Stockton College	Biomedical Research Support Grant, July, 1985-April, 1986 "The Mediation of Chronic Learned Helplessness by Conditioned Opioid Activity"
Sigma XI, Scientific Research Society	Biomedical Research Support Grant, July, 1986-April, 1987 "The Role of Pavlovian Conditioning in the Immunization against Chronic Learned Helplessness"
Deans Fellowship, Temple University, 1987	Biomedical Research Support Grant, July, 1987-April, 1988 "The Role of the mu Opioid Receptor in Analgesia and Learned Helplessness"
Lindback Award for Teaching Excellence, 1993	Faculty Development Award, Arcadia University, July 1991-June 1992 "Computerization of Presentation of Stimulus Events and Data Collection in Associative Learning".
Phi Kappa Phi. Charter Member, Arcadia University, 1994	Ellington Beaver's Award for Intellectual Inquiry, July 1994-June 1995 "The Role of Contextual Stimuli in Opiate Withdrawal to Long Distance Running in the Rat".
Presidential instructional technology grant, Arcadia University, "Integration of high-resolution multimedia presentations into Arcadia University Classrooms. Co- Principal Investigator.	<b>Faculty Instructional Development Award, Arcadia University, July 1998- April 1999 " Development of Multimedia Software in Psychology".</b>
Flavor Principal Inc. "The effects of Iboga on opioid systems" Principal Investigator.	Flavor Principal Inc. "The effect of an antioxidant grape seed extract on heart muscle regeneration, Co-Principal Investigator

Faculty Development Grant, Arcadia University, July, 2002-June, 2003 “The effect of THC on Cocaine Preference” Faculty Development Grant (Summer 2016).

Provosts Award for Mentoring and Teaching (2016)

## **COMPUTER & STATISTICAL SKILLS**

Windows Operating Systems	Graphics programs (e.g., Sigma Plot)
SPSS	Complex Analysis of Variance
BMDP	Dreamweaver
SAS	Adobe Photoshop
Adobe Premiere	Blackboard
PowerPoint	Canvas
Adobe Director	On-Line Teaching
Blackboard Collaborate	

## **PROFESSIONAL AFFILIATIONS**

American Psychological Society  
 Eastern Psychological Association  
 American Psychological Association, Division Two, Teaching of Psychology  
 Society for Neuroscience  
 Faculty for Undergraduate Neuroscience

**REVIEWER**

Brookes-Cole (Learning and Memory 2nd edition)
Allyn and Bacon (Physiology of Behavior, Carlson, 6th ed)
Norton
Eastern Psychological Association, Program Reviewer
Pharmacology, Biochemistry and Behavior
Physiology and Behavior
Appetite
Neuropsychopharmacology
Oxford University Press

*Student authors are in boldface*

**PUBLICATIONS**

Blustein, J. E., & Lester, D. (1979). Locus of control and remedial studies. *Psychological Reports, 44*, 54.

Lester, D., & Blustein, J. E. (1980). Attitudes toward funerals: a variable independent of attitudes toward death. *Psychological Reports, 46*, 1074.

Miley, W. M., Blustein, J. E., & Kennedy, K. (1982). Prenatal stimulation and postnatal testosterone affects infanticide in female rats. *Physiology and Behavior, 28*, 627-629.

Bersh, P. J., Whitehouse, W.J., & Blustein, J. E. (1984). The effect of number and minimum duration of post- response-prevention escapes on the resistance to extinction of an avoidance response. *Animal Learning and Behavior, 12*, 332-338.

Whitehouse, W. G., Blustein, J. E., Walker, J., Bersh, P. J., & Margules, D.L. (1985). Shock controllability and opioid substrates of escape performance and nociception: Differential effects of peripheral and centrally acting naltrexone. *Behavioral Neuroscience, 99*, 717-733.

Bersh, P. J., Whitehouse, W. G., Blustein, J. E., & Alloy, L. B. (1986). Interaction of Pavlovian conditioning with a zero Operant contingency: Chronic exposure to signaled inescapable shock maintains shock-escape impairment and long-term analgesia. *Journal of Experimental Psychology: Animal Behavioral Processes, 12*, 277-290.

Whitehouse, W. G., Bersh, P. J., Blustein, J. E., & Troisi, J. R. III (1988). Signals for shock-free periods during chronic exposure to escape-delayed and inescapable shocks: Effects on later escape acquisition. *Learning and Motivation*, *19*, 142-161.

Blustein, J.E. (1988). A comparison of the effect of the opiate antagonists naltrexone and MR2266 on escape performance and environmentally-induced antinociception following exposure to inescapable shock. (Doctoral dissertation, Temple University, 1989). *Dissertation Abstracts International*, *30*, 371A.

Bersh, P.J., Whitehouse, W.G., Laurence, M.T., Blustein, J.E., Alloy, L.B. (1990). Signaling the duration of uncontrollable shock impairs subsequent shock escape. *The Psychological Record*, *40*, 113-125.

Blustein, J. E., Whitehouse, W. G., Calcagnetti, D., Troisi, J. R., Bersh, P. J., & Margules, D. L. (1992). Elimination of shock escape deficits following exposure to inescapable shock by the central administration of quaternary naltrexone. *Physiology and Behavior*, *51*, 1075-1078.

Blustein, J.E., **Hornig, G & Bostwick-Poli, M.** (1995). Contextual control of tolerance to cold-water swim induced opioid analgesia. *Pharmacology Biochemistry and Behavior*, *52*, 841-844.

Blustein, J.E. & **Ciccolone, L.** (1998). Evidence that Adaptation to Cold-Water Swim Induced Analgesia is a learned response. *Physiology and Behavior*, *63*, 147-150.

Blustein, J.E. **McLaughlin, M** & Hoffman, J.R. (2006). Exercise Effects Stress Induced Analgesia and Spatial Learning in Rats. *Physiology and Behavior*, *89*, 582-586.

## **SEMINARS & INVITED COLLOQUIA**

Blustein, J. E. (1983). Learned helplessness opioid substrates and analgesia. *Seminar presented to the Experimental Psychology Division at Temple University.*

Blustein, J. E. (1984). Shock controllability and opioid substrates of escape performance and nociception. *Seminar presented at the University of Pennsylvania.*

Blustein, J. E. (1985). Potent stimulus control over Operant responding: Exploring the effect of several novel three- term contingencies. *Seminar presented at the University of Pennsylvania.*

Blustein, J.E. (1990). Recent findings on the role of opioids in learned helplessness and stress-induced analgesia. *Invited Colloquium Gettysburg College.*

Blustein, J. E. (1990). Recent findings on the role of opioids in learned helplessness. *Seminar presented at the University of Pennsylvania.*

Blustein, J. E. (1991). Does opioid analgesia mediate learned helplessness? *Seminar presented at the University of Pennsylvania.*

Blustein, J.E. (1992). Contextual control of tolerance to stress-induced analgesia. *Seminar presented at the University of Pennsylvania.*

Blustein, J. E. (1993). The role of associative learning in tolerance to stress-induced analgesia. *Seminar presented to the Experimental Psychology Division at Temple University.*

Blustein, J.E. (1993). Context specific tolerance and withdrawal to endogenous opiates. *Seminar presented at the University of Pennsylvania.*

Blustein, J.E. (1995). Recent studies examining the role of the context in tolerance to stress-induced analgesia. *Seminar presented at the University of Pennsylvania.*

Blustein, J.E. (1995). The role of the environment in adaptation to stress-induced analgesia. *Invited Colloquium Davidson College.*

Blustein, J. E. (1996). Contextual control of adaptation to stress-induced analgesia: Evidence for an opioid basis. *Seminar presented at the University of Pennsylvania.*

Blustein, J. E. (1997). Contextual control of tolerance to opioid mediated stress-induced analgesia. *Seminar presented to the Experimental Psychology Division at Temple University.*

Blustein, J. E. (1997). Adaptation to stress-induced analgesia: Recent studies. *Seminar presented at the University of Pennsylvania.*

Blustein, J.E. (2002). Recent studies on adaptation to stress-induced analgesia. *Seminar presented to the Experimental Psychology Division at Temple University.*

Blustein, J.E. (2008). The biological basis of addiction and dependence. Guest lecturer in core Ph.D. course in clinical psychology, Temple University.

Blustein, J.E. (2009). The biological basis of addiction and dependence. Guest lecturer in core Ph.D. course in clinical psychology, Temple University

## CONFERENCE REPORTS and PUBLISHED ABSTRACTS

Blustein, J. E., Frank, M. L. & Miley, W. M. (1981). Discriminated avoidance between inescapable and avoidable shock. *Paper presented at the annual meeting of the American Association for the Advancement of Science, Toronto, Canada.*

Bersh, P. J., Whitehouse, W. G., & Blustein, J. E. (1982). Predictability and learned helplessness: The effect of shock density. *Bulletin of the Psychonomic Society, 20*, 143.

Bersh, P. J., Blustein, J. E., & Whitehouse, W. G. (1984). Pavlovian conditioned opioid effects in the chronic learned helplessness model. *Bulletin of the Psychonomic Society, 26*, 38.

Bersh, P. J., Blustein, J. E., & Whitehouse, W. G. (1984). The effect of a competing positive-response-reinforcer contingency upon autoshaped key pecking. *Presentation given at the 54th annual meeting of the Eastern Psychological Association, Baltimore, Maryland.*

Bersh, P. J., Blustein, J. E., & Whitehouse, W. G. (1985). The effect of the spacing of signaled uncontrollable shocks upon later interference with shock escape acquisition. *Presentation given at the 55th annual meeting of the Eastern Psychological Association, Boston, Mass.*

Bersh, P. J., Whitehouse, W. G., Blustein, J. E., & Troisi, J. R. (1985). Delayed vs. trace conditioning in the chronic learned helplessness effect. *Presentation given at the annual Psychonomic Society meeting in Boston Mass.*

Blustein, J. E., Whitehouse, W. G., Calcagnetti, D., Troisi, J. R., Bersh, P. J., & Margules, D. L. (1986). Reduction of learned helplessness by central administration of quaternary naltrexone. *Presentation given at the 56th annual meeting of the Eastern Psychological Association, New York, New York.*

Blustein, J. E., Whitehouse, W. G., Margules, D. L., & Bersh, P. J. (1986). Facilitation of escape, despite the nociceptive consequences of pre-shock by kappa receptor blockade. *Presentation given at the Annual meeting of the American Association for the Advancement of Science, Philadelphia, Pennsylvania.*

Weinberg, M., Blustein, J. E., Hammond, L. J., (1986). Control of Operant behavior by signals for the presence and absence of unearned reinforcement. *Presentation given at the 56th annual meeting of the Eastern Psychological Association, New York, New York.*



Troisi, J. R. II., Blustein, J. E., Walker, J., Bersh, P. J., & Whitehouse, W. G. (1987). Induction of analgesia and shock-escape impairment by the opioid kappa receptor agonist U-50,488. *Presentation given at the 57th annual meeting of the Eastern Psychological Association.*

Blustein, J. E., Bersh, P. J. Troisi, J. R. & Whitehouse, W. G. (1987). Effects of naltrexone and MR2266 on shock- escape after inescapable shock exposure. *Presentation given at the 58th annual Eastern Psychological Association Convention.*

Bersh, P.J., Troisi, J.R., Stromberg, M, F., Blustein, J. E., & Whitehouse, W.G. (1988). A failure to immunize against chronic learned helplessness. *Presentation given at the Annual Psychonomic Society Convention.*

Whitehouse, W. G., Bersh, P. J., Blustein, J. E., Troisi, J. R., & Stromberg, M. F. (1988). Safety signals for delayed-escapable or inescapable shocks potentiate learned helplessness. *Presentation given at the annual Mid -Western Psychological Association Convention.*

Blustein, J.E., Bersh, P.J., Troisi, J.R., & Whitehouse, W.G. (1989). Effect of naltrexone and MR2266 on short-term analgesia. *Presentation given at the 59th annual Eastern Psychological Association Convention.*

Bersh, P.J., Troisi, J.R., Stromberg, M.L., Blustein, J.E., & Whitehouse, W.G. (1989). Chronic learned helplessness in the rat: Therapy by Pavlovian extinction and vacation. *Presentation given at the 59th annual Eastern Psychological Association Convention.*

Blustein, J. E., & Hammond, L. J. (1990). Contextual control of the effects of a zero Operant contingency. *Presentation given at the 60th annual Eastern Psychological Association Convention, Philadelphia, Pennsylvania.*

Blustein, J. E., **Sinkiewicz, D., Kupcho, M.L., & Bostwick-Poli, M** (1991). The role of mu receptors in Stress-induced analgesia. [Abstract]. *Proceedings of the 61th Annual Convention of the Eastern Psychological Association.*

Cerutti, D.T., Blustein, J.E., **Molnar, C.E., & Nemchik, E.** (1991). Contingency detection in humans: Effects of instructions, background noise level, randomness, and history. *Presentation given at the International 17th Annual Association for Behavior Analysis Convention, Atlanta, Georgia.*

Blustein, J.E., **Hornig, G., & M, Bostwick-Poli** (1992). The role of contextual stimuli in tolerance to stress-induced analgesia. [Abstract]. *Proceedings of the 62nd Annual Convention of the Eastern Psychological Association.*

Blustein, J.E., **Beattie, P., & Stetler, C.** (1993). Contextual Control of Tolerance to Cold-Water Swim Induced Analgesia. [Abstract]. *Proceedings of the 64th Annual Convention of the Eastern Psychological Association, 38.*

Blustein, J.E., **Cogan, A. Wachob, A.** (1993). Associative control of tolerance to morphine and U50488H in the same animal. [Abstract]. *Proceedings of the 5th Annual American Psychological Society Convention*, 33.

**Pierce, S.** & Blustein, J.E., & Hand, P.J. (1993). Contextual Control of withdrawal to cold-water swim induced opioid analgesia [Abstract]. *Proceedings of the 23rd Annual Society of Neuroscience*, 19, 1797.

Blustein, J.E. & **Stetler, J.C.** (1994). Contextual control of tolerance to cold-water swim induced opioid analgesia [Abstract]. *Proceedings of the 65th Annual Convention of the Eastern Psychological Association*, 59.

Blustein, J.E. (1994, April). What I always wanted to tell you about psychology as a natural science. In S. Cameron (Chair), National Science Foundation project in high school Psychology. Symposium conducted at the 65th Annual Convention of the Eastern Psychological Association.

Blustein, J.E., **Irwin, M. & Carr, C.** (1995). Contextual control of tolerance to forced running induced opioid analgesia [Abstract]. *Proceedings of the 66th Annual Convention of the Eastern Psychological Association*, 59.

Blustein, J.E. & **Ciccolone, L.** (1996). Associative control of adaptation to cold-water swim induced analgesia [Abstract]. *Proceedings of the 67th Annual Convention of the Eastern Psychological Association*, 58.

Blustein, J. E., **Ciccolone, L., Christian, A., & Leitzel, B.** (1997). Failure to observe extinction of contextual control of adaptation to stress-induced analgesia [Abstract]. *Proceedings of the 68th Annual Convention of the Eastern Psychological Association*, 23

**Goldenberg, S. J., Adair, T., & Blustein, J. E.** (1997). The effect of increased swim duration on adaptation to stress-induced analgesia. [Abstract]. *Proceedings of the 68th Annual Convention of the Eastern Psychological Association*, 23.

**Herman, K & Blustein, J. E.** (1998) Extinction of contextual control of adaptation to stress-induced analgesia. [Abstract]. *Proceedings of the 69th Annual Convention of the Eastern Psychological Association*.

**Wilson, J., King, C., Robbins, S. J. & Blustein, J. E.** (1998). The effect of iboga on morphine-induced analgesia. [Abstract]. *Proceedings of the 69th Annual Convention of the Eastern Psychological Association*.

**Zichella, M., & Blustein, J. E.** (1998). The role of contextual stimuli in tolerance to ketamine in the rat. [Abstract]. *Proceedings of the 69th Annual Convention of the Eastern Psychological Association*.

**Roberts, C., & Trosky, F., & Blustein, J.E.** (1999). Conditioned Morphine Analgesia overcomes Adaptation to Stress-Induced Analgesia. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 91.*

**Wilson, J.D.,** Blustein, J.E. (1999). The Effect of Iboga on Morphine Tolerance. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 82.*

Blustein, J. E., **Forbus, T., & Dorsey, C.** (2000). Contextual Control of Cross-Tolerance Between Adaptation to Stress Induced Analgesia and Morphine. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 82.*

Blustein, J.E., **Sherlock, M, & Mocarsky, M.** (2001). Contextual Control of Supersensitivity to Morphine Analgesia Induced by Naltrexone. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 49.*

Blustein, J. E. & **Sweeney, S.** (2002). Contextual Control of Naltrexone-Induced Supersensitivity to Cold-Water Swim Stress-Induced Analgesia. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 17.*

Blustein, J.E. & **Delario, E.** (2003). Can Stress-Induced Analgesia be Recovered Following Adaptation to One Type of Stressor if Rats are Exposed to a Qualitatively Different Stressors? [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 27.*

**McLaughlin, M.,** Blustein, J. E., & Hoffman, J. R. (2003). The Effect of Treadmill Running on Stress-Induced Analgesia and Spatial Learning of Rats. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 25.*

**Kester, C., Martin, A., & Blustein, J.E.,** (2004). Contextual Control of Cross-Tolerance on Rats between Ketamine and Morphine Analgesia. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 46.*

Blustein, J.E., **Hoos, J, & Tippet, L.** (2006). The Effect of Inter-Stimulus-Interval on the Development of Adaptation to Stress-Induced Analgesia. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 42.*

Blustein, J.E., & **Zichella, M.** (2008). Ketamine Conditioned Analgesia Overcomes the Contextual Control of Tolerance to Ketamine. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 90.*

**Wise, A.M., & Blustein, J.E.** (2011). The Effect of High and Low Distraction on Pain Perception. [Abstract]. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 137.*

Blustein, J.E., **Mola, C., Wagner, K., Schwartz, C.** (2011). The Effect of MK-801 on Tolerance to Stress-Induced Analgesia. {Abstract}. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 137.

**Thelemaque, T., Green, W.L., Pierre, A.J., Robbins, S.J., & Blustein, J.E.** (2013). An Examination of the Effects of Subliminal Priming on Pain Thresholds. {Abstract}. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 157.

**Bauer, K.R., Elsayed, R., Greisemer, T., Kennedy, S., & Blustein, J.E.** (2013). The Effect of Different Types of Distracters on Pain Sensitivity. {Abstract}. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 158.

**Zhao, J., Baker, Z., Schwartz, C., Lantzy, R., Paesano, M., Friday, S., Olkhov, Y., & Blustein, J.E.** (2013). {Abstract}. Receptor Antagonist MK-801: Effects on Ketamine Produced Analgesia and Tolerance. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 160.

**Patrick, R., & Blustein, J.E.** (2013). Does Administering Abilify™ Decrease Depressive Symptoms in Rats? *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 160.

**Zhao, J & Blustein, J.E.** (2015). The Effect of 5-HT3 Antagonist Bemestron on Cocaine Induced Place Preference and Withdrawal. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 52.

**Kratz, D.J., Miller, C., McGuckin, E., & Blustein, J.E.** (2015). The Effect of Branding on Perceived Water Quality. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 68.

**Franklin, J., Horvath, S., Overfield, J., Ambrose, B., & Blustein, J.E.** (2016). Testing the Reinforcing Properties of S-Ketamine –(+) Hydrochloride Using Conditioned Place Preference. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 82.

**Troy, N., Rosa, R., Graff, K Gutierrez., M & Blustein, J.E.** (2016). The Effect of Color Perception and Product Information on Preference of Product Quality. *Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association*, 92.

## STUDENT SPONSORED PRESENTATIONS

Cogan, A., & Wachob, A. (1991). Evidence suggesting that associatively controlled tolerance is receptor mediated. *Proceedings of the Sixth Annual Lehigh Valley Undergraduate Psychology Conference.*

Hornig, G. (1991). Is tolerance to stress-induced analgesia associatively mediated. *Proceedings of the Sixth Annual Lehigh Valley Undergraduate Psychology Conference.*

Kupcho, M. L. (1991). The role of mu receptors in stress-induced analgesia. *Proceedings of the Sixth Annual Lehigh Valley Undergraduate Psychology Conference.*

Rochvarg, C. & Weingrad, L. (1991). Recall and association of a face with a specific context using color versus black and white pictures. *Proceedings of the Sixth Annual Lehigh Valley Undergraduate Psychology Conference.*

Deviod, C. M., & Heisman, L.R., (1992). The effect of Varying the number of contextual elements on encoding specificity. *Proceedings of the Seventh Annual Lehigh Valley Undergraduate Psychology Conference.*

Pollock, M. & Hornig, G. (1992). Facilitation of a dichotic listening task by the use of a prior recall test. *Proceedings of the Seventh Annual Lehigh Valley Undergraduate Psychology Conference.*

Koerner, K., & Senger, D.J. (1992). The effects of instructions on yawning behavior in humans. *Proceedings of the Seventh Annual Lehigh Valley Undergraduate Psychology Conference.*

Anderson, D. (1993). The effect of alcohol on perception of contingency. *Proceedings of the Eighth Annual Lehigh Valley Undergraduate Psychology Conference.*

Pierce, S. & Human, M. (1993). Contextual control of withdrawal to cold-water swim induced opioid analgesia. *Proceedings of the Eighth Annual Lehigh Valley Undergraduate Psychology Conference.*

Stetler, J. C. (1993). Contextual control of tolerance to opioid-based stress-induced analgesia. *Proceedings of the Eighth Annual Lehigh Valley Undergraduate Psychology Conference.*

Weisinger, L. D. (1993). The effect of brief duration on the recognition of simple and complex nonsense figures in short term visual memory. *Proceedings of the Eighth Annual Lehigh Valley Undergraduate Psychology Conference.*

- Rickard, K., Groff, N. & Aladdin, D. (1994). The effects of EMG biofeedback and cognitive therapy on tolerance to acute pain. *Psi Chi Presentation at the 6th Annual American Psychological Association Convention*, Washington, DC.
- Moyer, M. & Campbell, A. (1994). The effect of age on face-name associations. *Psi Chi Presentation given at the 65th Annual Eastern Psychological Association Convention*, Providence, RI.
- Weiss, H. & Wagner, J. (1994). Ability of a neutral stimulus to elicit analgesia and reduce tolerance. *Proceedings of the Ninth Annual Lehigh Valley Undergraduate Psychology Conference*.
- Adams, K. (1995). The Effect of varying the presence of a weapon and a crime on eyewitness identification. *Proceedings of the Tenth Annual Lehigh Valley Undergraduate Psychology Conference*.
- Stump, S. & Kieffer (1995). Female and male responses to a baby's smile. *Proceedings of the Tenth Annual Lehigh Valley Undergraduate Psychology Conference*.
- Stump, S. (1995). The role of conditioned hyperalgesia in the development of tolerance to stress-induced analgesia. *Presented at Sigma XI Undergraduate Research Symposium, Saint Josephs University*.
- Meehan, M., Brighter, N., & Rothenberger, S. (1996). The differences between perceptual and verbal encoding on the recall of words. *Presented at the ninth annual Delaware Valley Undergraduate Psychology Conference*.
- Eilber, D., Nebinger, J., & Murawski, C. (1996). The effects of picture superiority on memory and comprehension in children's storybooks. *Presented at the ninth annual Delaware Valley Undergraduate Psychology Conference*.
- Brown, A., Matkowski, A., & Matkowski, R. (1996). The effects of color on taste perception. *Presented at the ninth annual Delaware Valley Undergraduate Psychology Conference*.
- Szipsky, M., Long, B., & Mendicino, A. (1996). The effect of referral breakdown and reappearance on the arm. *Presented at the ninth annual Delaware Valley Undergraduate Psychology Conference*.
- Hiner, O., & Williams, J. (1996). The effects of light on vigor tension and depressed mood states. *Proceedings of the Eleventh Annual Lehigh Valley Undergraduate Psychology Conference*.
- Coia, C., Fenstermaker, J., & Myers, A. (1996). The presence of an animal and its effect on stress. *Proceedings of the Tenth Annual Lehigh Valley Undergraduate Psychology Conference*.

Brake S., Tomaino M., Blustein, J.E., & Hoffman J., (2000). Opiate Antagonist Administration Does Not Precipitate Characteristic Withdrawal Behavior After Repeated Exposure to Cold Water Swims in Female Sprague Dawley Rats. Proceedings of the 24<sup>th</sup> Annual Meeting of the Philadelphia are Chapter of the Society of Neuroscience.

Sherlock M., Mocarsky, M., Hearn, G. W., & Blustein, J. E., (2000). Contextual control of Naltrexone-produced supersensitivity to morphine. Proceedings of the 24<sup>th</sup> Annual Meeting of the Philadelphia are Chapter of the Society of Neuroscience.;

Trosky, F., & Blustein, J. E., (2000). Ability of a CS to facilitate analgesia and reduce tolerance of stress-induced analgesia. Proceedings of the 24<sup>th</sup> Annual Meeting of the Philadelphia are Chapter of the Society of Neuroscience.

## **References**

Steven J. Robbins, Ph.D., Chair and Professor of Psychology  
[robbinss@arcadia.edu](mailto:robbinss@arcadia.edu)

Marianne Miserandino, Ph.D., Professor of Psychology  
[miseranm@arcadia.edu](mailto:miseranm@arcadia.edu)

Katherine Moore, Ph.D., Associate Professor of Psychology  
[moorek@arcadia.edu](mailto:moorek@arcadia.edu)