

CURRICULUM VITA

MARY W. MEAGHER

January, 2004

Addresses:

Department of Psychology
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Current Status:

Associate Professor, Behavioral Neuroscience and Clinical Psychology
Programs, Department of Psychology, Faculty of Neuroscience
Texas A&M University, 1994-present

Licensure: Licensed Clinical Psychologist, Texas, 1995-present, #2-4409.

Education:

1994 Clinical Psychology Internship, Audie L. Murphy Memorial Veteran's
Administration Hospital, San Antonio, TX

1993 Postdoctoral Trainee in Clinical Psychology, 1989-1993
Texas A&M University

1989 Ph.D., University of North Carolina at Chapel Hill, 1989
Experimental and Biological Psychology Major, Neurobiology Minor

1982 B.S., Nazareth College of Rochester, New York,
Psychology Major, Biology Minor

1980 A.A.S., Rochester Institute of Technology, College of Fine and Applied
Arts, Art & Design Major

Dissertation: "Spinal antinociceptive mechanisms: The role of intraspinal,
brainstem, and forebrain systems", under Dr. Richard A. King

Honors:

APA Fellow, Division 6, 2003
 Texas A&M Department Diversity Award, Chair, 2003
 University Honors Program Service Award, Texas A&M Undergraduate Honors Fellows Program, 2001-2002.
 University Honors Program Service Award, Texas A&M Undergraduate Honors Fellows Program, 2000-2001.
 University Honors Program Service Award, Texas A&M Undergraduate Honors Fellows Program, 1990-1991
 NIMH National Research Service Award in Biological Psychology, University of North Carolina at Chapel Hill, 1986-1987
 Graduated Magna Cum Laude, Nazareth College of Rochester, 1982
 Psychology Research Award, Nazareth College of Rochester, 1982
 Graduated Cum Laude, Art & Design, Rochester Institute of Technology, 1980
 National Scholastic Art Show, Gold Key Award, New York, NY, 1978

Professional Experience:

Research Assistant, Department of Psychology, University of Rochester, 1982 -1983; under Dr. J. R. Ison
 Teaching Assistant (Research Methods in Psychology), Department of Psychology, University of North Carolina, 1983-1984 under Dr. D. A. Eckerman
 Research Assistant, Department of Psychology, University of North Carolina, 1983-1984; under Dr. M. Gallagher
 Instructor (Introductory Psychology), Department of Psychology, University of North Carolina, Fall, 1984-1985
 Research Assistant, Neurobiology Laboratory Rotation, National Institute of Environmental Health Sciences, Laboratory of Behavioral & Neurological Toxicology, 1985-1986, under Drs. J. S. Hong and M. Gallagher
 Research Fellow, Department of Psychology, University of North Carolina, 1986-1987; NIMH Biopsychology Training Grant, under Dr. R. A. King
 Adjunct Assistant Professor, Department of Psychology, Texas A&M University, 1987-1988
 Visiting Assistant Professor, Department of Psychology, Texas A&M University, 1988-1993
 Postdoctoral Trainee in the Clinical Psychology Retraining Program, Department of Psychology, Texas A&M University, 1989-1993.
 Certified Psychologist, employed and supervised by Brian H. Stagner, Ph.D., Associates in Applied Psychology, Bryan, Texas 77802, 1990-1993
 Clinical Psychology Internship, Audie L. Murphy Memorial VA Hospital, San Antonio, TX, 1993-1994
 Assistant Professor, Department of Psychology, Clinical & Behavioral Neuroscience Programs, Texas A&M University, August, 1994-2000
 Consulting Editor for Clinician's Research Digest, American Psychological Association, 1994-1995
 Faculty of Neuroscience, 1995-present
 National Institutes of Health Interdisciplinary Workshop in Psychoneuroimmunology Participant, March 26-30, 1998
 Coordinator of the Clinical Health Psychology Program, 1995-present

Associate Professor, Department of Psychology, Clinical and Behavioral Neuroscience Programs, Texas A&M University, 2000-present

Grants Awarded:

NIH/NINDS, RO1, Co-Principal Investigator, Stress effects on an animal model of autoimmune disease, 4/1/02-3/31/06, \$1,531,593.00.

Life Sciences Task Force, Program of Excellence in Life Science Training Grant, Texas A&M (PI). SCI-AID: Spinal Cord Injury and Infectious Disease Graduate Training Program, 6/03-6/05, \$187,000.

NIH/NIA RO1, Co-Investigator with Griffith (PI) Physiology of Cholinergic Basal Forebrain Neurons, 10/01/03-09/31/08, \$1,455,000.

National Multiple Sclerosis Society, Co-Principal Investigator, "The effects of stress on the neuropathogenesis of Theiler's virus infection", 9/30/99-8/31/03, \$312,997.

Scott & White Hospital Research Grant, Principal Investigator, "Detection of psychological problems in primary care", 6/00-1/01, \$6,927.

Scott & White Hospital Research Grant, Principal Investigator, "Detection of psychological problems in primary care", 6/98-5/99, \$25,518.

NIMH RO1 Grant, Co-Principal Investigator, "Sensitization: Behavioral properties & neural mechanisms", 12/96-10/00, \$335,591 (1.3 percentile).

Texas A&M Interdisciplinary Grant, Principal Investigator (with Jane Welsh), "The effect of stress on the neuropathogenesis of Theiler's virus-induced demyelination in mice as a model for multiple sclerosis", 6/97-9/98, \$24,402.

Texas A&M University, Leadership and Health Care Policy Grant, Bush School of Government and Public Service, Principal Investigator, "Detecting and treating psychosocial problems in primary care", 9/97-8/98, \$2,500.

TAMU Medical School and Liberal Arts Matching Funds, "Detection of psychological disorders in primary care settings", PI, 9/97-8/98, \$24,056.

Scott & White Hospital and Texas A&M University Health Services, Behavior, and Outcomes Initiative, Principal Investigator, "Detecting psychological problems in primary care", 2/97-8/97, \$35,713.

Texas A&M University, Leadership and Health Care Policy Grant, Bush School of Government and Public Service, Principal Investigator "Detecting and treating psychosocial problems in primary care", 9/96-8/97, \$1,500.

Texas A&M University, Scholarly and Creative Activities Program, Principal Investigator, "Neonatal sensitization of fear and anxiety", 6/96-8/97, \$7,098.

Texas A&M University Professional and Development Program, Co-Principal Investigator, Emerging Topics In Health Psychology, 9/96-8/97, \$7,130.

Texas A&M University, Leadership and Health Care Policy Grant, Principal Investigator, Bush School of Government and Public Service, "Detecting and treating psychosocial problems in primary care", 9/96-8/97, \$1,500.

NIMH R01 Grant, Co-Principal Investigator, "Spinal plasticity and pain: mechanisms and function", 7/1/92- 6/4/96, \$233,491.

Texas A&M Minigrant, Principal Investigator, "Impact of fear and anxiety on human pain", 1/96-12/96, \$976.

Texas A&M Minigrant, Principal Investigator, "The role of peripheral opioid systems in pain", 4/26/91-7/31/91, \$904.

Texas A&M Minigrant, Principal Investigator, "The role of peripheral cholinergic systems in pain", 7/1/90-1/31/91, \$1,000.

NSF Grant, Co-Principal Investigator, "Conditioned changes in pain reactivity: The variables which determine the direction and the form of the conditioned response", 3/89-8/91, \$74,651.

NIMH National Research Service Award, Research Fellow, Biological Psychology Training Grant, 7/86-7/87, \$7,650.

Research Interests:

Psychoneuroimmunology and autoimmune disease
 Impact of early life and chronic stress on virally-mediated models of CNS infection and autoimmune disease
 Stress
 Pain Modulation
 Health psychology
 The influence of emotion, learning, and memory on pain perception
 Pain measurement
 Animal and human laboratory models of pain modulation
 Neurobiology of learning and memory
 Neural plasticity
 Opioids and behavior
 Detection and treatment of psychological disorders in primary care settings

Clinical Interests:

Health psychology & behavioral medicine
 Pain and stress management
 Impact of stress and depression on multiple sclerosis and autoimmune diseases
 Detection and treatment of psychological disorders in primary care settings
 Anxiety disorders and posttraumatic stress disorder
 Affect regulation
 Integrative models of psychotherapy

Teaching Interests:

Undergraduate Courses: Health Psychology, Psychoneuroimmunology, Abnormal Psychology, Biological Psychology, Introductory Psychology, Clinical Psychopharmacology

Graduate Courses: Health Psychology, Psychoneuroimmunology, Pain, Clinical Psychology in Medical Settings, Clinical Practicum

Instruction of Courses at the University of North Carolina at Chapel Hill:

PSYC 50 Research Methods in Psychology, 1983-1984 (Lab Instructor)
PSYC 10 Introduction to Psychology, Instructor: 1984-1985

Instruction of Courses at Texas A&M University:

PSYC 107 Introduction to Psychology, Instructor: Fall, 1988 ; Spring, 1989; Fall, 1989; Summer, 1990; Fall, 1990; Spring, 1991; Summer, 1991; Fall, 1991; Spring, 1992; Summer, 1992; Fall, 1992; Spring, 1993; Summer 1993; Fall, 1994; Spring, 1995, Summer, 1995, 1996; Fall, 1997; Spring 1999; Spring 2001

PSYC 107H Honors Course: Introduction to Psychology, Spring, 1990
NSF High School Teacher Enhancement Institute, Summer, 1991
PSYC 485 Independent Research, 2 students, Fall, 1988; 1 student, Spring & Fall, 1989; 1 student, Spring, 1990; 1 student, Fall, 1991-Spring 1992; 5 students, Fall 1995-Spring 1996; 3 students, Fall 1996; 5 students, Spring 1997; 8 students, Summer 1997; 12 students, Fall 1997; 12 students, Spring 1998; 12 students, Fall 1998; 11 students, Spring 1999; 3 students Summer 1999; 7 students Fall 1999; 7 students Spring 2000; 4 students Summer 2000; 12 Students Fall 2000; 11 students, Spring 2001; 8 students Summer 2001; 9 students Fall 2001.

PSYC 485H University Honors Fellow, Supervised Andrea Allen, 1990-1991; Supervised Thomas Prentice, 1992-1993; Danielle Satterlee 2000-2001; Heath McCullough, 2001-2002

PSYC 484 Clinical Field Experience Supervisor, Fall 1995; Summer 1997; Fall 1997; Spring 1998; Summer 1998; Fall 1998; Spring 1999

PSYC 306 Abnormal Psychology, Instructor: Spring, 1993; Spring, 1995; Fall 1996, Spring 1996; Fall 1997; Fall 1998; Fall 1999; Spring 2000; Fall 2001 (2 sections)

PSCY 306 H Honors Course: Abnormal Psychology, Spring 2000
PSYC 614 Practicum in Clinical Psychology, TAMU Psychology Training Clinic, 1994-1995; 1995-1996; 1998-1999; Summer 2001; Fall 2002; Spring 2003

PSYC 360 (489) Health Psychology & Behavioral Medicine, Fall 1995, 1996; Spring 1997; Fall 1999; Fall 2000

PSYC 630 (689) Health Psychology & Behavioral Medicine, Spring 1996, Spring 1998; Fall 2000

VTMI 662 Advanced Immunology, Psychoneuroimmunology Module, Fall

2001

Mentor Awards:

University Honors Program Award, for outstanding service to the University Honors Fellows Program, 1990-1991.

University Honors Program Award, for outstanding service to the University Honors Fellows Program, 2000-2001.

University Honors Program Award, for outstanding service to the University Honors Fellows Program, 2001-2002.

University Honors Fellow Thesis Committee Service:

Andrea R. Allen (1990-1991)

Thomas Prentice (1992-1993)

Danielle Satterlee (2000-2001)

Heath McCullough (2001-2002)

Jessica Harrison (2003-present)

Graduate Student Research Awards:

Ashley Maner (1998). Physician utilization of psychological screening information. Texas Psychiatric Foundation Research Award, \$2,000.

Jamie L. Rhudy (1999). Texas A&M University distinguished graduate student research award, \$300.

Jamie L. Rhudy (2000). Research Excellence Award, Clinical Area.

Jamie L. Rhudy (2001). Society for Neuroscience Graduate Student Travel Award 2001, \$1,000

Robin Johnson (2001-2004). National Science Foundation Graduate Student Fellowship, \$28,000 total for 3 years.

Robin Johnson, Psychoneuroimmunology Research Society travel grant 2002, \$1,2000.

Amy Sieve, Psychoneuroimmunology Research Society travel grant 2002, \$1,2000.

Robin Johnson, Psychoneuroimmunology Research Society travel grant 2003, \$1,2000.

Jeff Grimes, American Pain Society Young Investigator Travel Grant 2003, \$750.

Jamie Rhudy, American Pain Society Young Investigator Travel Grant 2003, \$750.

Undergraduate Student Research Awards/Honors:

Andrea R. Allen (1990-1991). Psychology University Honors Fellows Award.

Carr, J. A., Abel, M. R., Rasberry, A. E., Vaughan, C. L., Cervantes (1998). First place in the social science category of the TAMU Annual Student Research Competition (\$400 award).

Scott, B., & Kecmanovic, J. (1998). First place in the biomedical science category of the TAMU Annual Student Research Competition (\$400 award), co-advisor with Jane Welsh.

Jason Ray (2000). First place in the biomedical science category of the TAMU Annual Student Research Competition (\$400 award), co-advisor with Jane Welsh.

Danielle Satterlee (2000-2001). Psychology University Honors Fellows Award.

Danielle Satterlee (2001). Selected for a competitive research laboratory assistantship at Woods Hole Marine Biological Laboratory in the summer of 2001

Heath McCullough (July 2001). Selected for the competitive Michael E. DeBakey Summer Surgery Program.

Patrick Brigham (2002). First place in the psychology category of the TAMU Annual Student Research Week Competition (\$200 award).

Patrick Brigham (2002). Selected for a completeive research laboratory assistantship at Woods Hole Marine Biological Laboratory in the summer of 2002

Heath McCullough (May, 2002). Best University Honors Fellows Thesis Presentation, Biomedical Science, University Honors Fellows Award.

Ph.D. Committees Chaired:

Adrienne Means (Chair, 1997-2000)

Amy Sieve (Chair, 2001-present)

Jamie Rhudy (Chair, 2000-2002)

Ph.D. Committee Member:

Paul A. Illich (1991-1992)

Mary Haines (1994 -1997)

Adrienne Gardner (1994-1995)

Janida Rice (1994 - 1999)

Tamara King (1996 - 1997)

Mary May (1997-2003)

James Douglas Moore (1997-2002)
 Michael Luebbert (1997-1998)
 Samantha Delagarza (1997-2000)
 Marie Fournier (1997-1999, Architecture/Health Care Design)
 Tara Williams (1999-2001)
 Eugina Valentine (1999-2003)
 Elsa Hernandez (1999-2002)
 Predrag Spasojevic (1999, Engineering)
 Paul Short (2000-2001)
 Randy Arnau (2000-2001)
 Eric Crown (2001-2002)
 Adam Ferguson (2002- 2003)
 Wentao Mi (2002-present)
 Ashley Hammons (2002-present)
 Michelle Corove-Fingeret (2002-2003)
 Keisha Henry (2002-present)
 Danielle Oxman (2002- present)
 Robin Johnson (Chair, 2004-present)

Major Area Paper (Qualifying Examination) Committee Service:

Paul A. Illich (1991-1992)
 Adrienne Gardner (1993-1994)
 Mary Haines (1994-1995)
 Janida Rice (Chair, 1994-1996)
 Tamara King (1995-1996)
 Julie Aniol (1995-1997)
 Mary May (1995-1996)
 James Douglas Moore (1996-1997)
 Michael Luebbert (1995-1996)
 Samantha Delagarza (1996-1997)
 Adrienne Means (1996-1997)
 Eugina Valentine (1996-1999)
 Randy Arnau (1999-2000)
 Tara Williams (1999-2000)
 Eric Crown (2000-2001)
 Paul Short (2000)
 Jamie Rhudy (Chair, 1999-2000)
 Adam Ferguson (2001-2002)
 Keisha Henry (2001-2002)
 Crystal Pearson (2002-2003)
 Danielle Oxman (2002- 2003)
 Amy Sieve (Chair, 2000-2003)
 Robin Johnson (Chair, 2003-present)

Masters Committtees Chaired

Jamie Rhudy (Chair, 1996-1998)
 Ashley Maner (Chair, 1997-1999)
 Robin Johnson (Chair, 2000-2003)

Jeff Grimes (Chair, 2000-2003)
Suzannah Creech (Chair, 2001-present)

Masters Committee Member:

Mandy K. Biles (1989-1991)
Randy Arnau (1995-1997)
Alisa Van Order (1996-1997, Health Communications)
Nancy Baker (1996-1998)
Ted Campbell (1996-1998, Veterinary Medicine)
Amy Sieve (1997-2000)
Anjusha Vitaykumar Kadam (1999-2000, Architecture/Health Care Design)
Michelle Corova (1999-2000)
Adam Ferguson (1999-2000)
Dana Hamilton (2000-2001, Health Education)
Le Thuy Nguyen (1999-2000, English/Women's Studies)
Crystal Pearson (2000-2003)

National Service:

Grant Reviewer for: National Multiple Sclerosis Society 2002

Promotion & Tenure reviewer for Ohio State University 2002

Ad hoc reviewer for:

American Psychologist

Pain

Journal of Neuroimmunology

Journal of Experimental Psychology: Animal Behavior Processes

Behavioral Neuroscience

Psychosomatic Medicine

Psychobiology

Physiology & Behavior

Pharmacology, Biochemistry, & Behavior

Psychopharmacology

Brazilian Journal of Medical and Biological Research

Grant Writing mentor for an assistant professor at Prairie View A&M 2003

Consulting editor for Clinician's Research Digest, 8/94-8/95

Member of the Committee on Women and Health of the Division of Health Psychology (Division 38) of the American Psychological Association

South Western Psychological Association Proposal Reviewer, 1998

Professional Organizations:

American Psychological Association

Division 6: Behavioral Neuroscience

Division 12: Clinical Psychology
 Division 38: Health Psychology
 Psychoneuroimmunology Research Society
 International Association for the Study of Pain
 American Pain Society
 Society for Neuroscience
 Texas A&M Chapter of the Society for Neuroscience

University Service:

Recovery of Function Graduate Training Program, Chair, 2003-present.
 Council of Principal Investigators, Diversity Committee, 2003-present.
 Faculty of Neuroscience, Councilor, 2002-present
 Council of Principal Investigators, 2002-present
 Women's Studies Research Advisory Council, OUR Committee, 2002-present
 Women's Health Initiative Interdisciplinary Organizational Committee, co-
 coordinated with Wendy Wood for OUR, 2001-2002
 AUF Minority Health Initiative Proposal Writer / Coordinator, 2000-present
 Minority Health Psychology Faculty Search Committee Chair, 2000-present,
 coordinated four job candidate visits
 Minority Health Education Faculty Search Committee, 2000-present
 AUF Minority Health Initiative Proposal Chair, 2000-present
 Minority Health Education Faculty Search Committee, 2000-present
 Women's Studies Program Review Committee, 2000-present
 Office of University Research, Interdisciplinary Grant Reviewer, 1998-2000
 Women's Faculty Network, Scholarship Application Review Committee,
 College of Liberal Arts, 1999-present.
 AMP Minority Research Mentoring Program (two students), Summer 1998
 Joint Appointment in the School of Rural Public Health, 1998
 Co-coordinator of the Health Psychology Speaker Series, 1996-1997
 Interdisciplinary Psychoneuroimmunology Research Team Member
 Member of the Liberal Arts Health Group
 Family Medicine Liaison
 Faculty of Neuroscience Member

Departmental Service:

Diversity committee, Chair 2002-present
 Advisory Committee, Member 2002-present
 Behavioral Neuroscience Search Committee, Spring 2002 and Fall 2002
 Clinical Psychology Spousal Hire Coordinator, Spring 2002
 Child Clinical Search Committee, Fall 2002
 Minority Psychology Search Committee, Chair, 2001-present
 Clinical Area Research Evaluation & Enhancement Committee Chair, Fall 2002
 Recovery of Function Faculty Proposal, Co-Authored the with Jim Grau, funding for
 two behavioral neuroscience faculty, 2001-present
 Recovery of Function Behavioral Neuroscience Search Committee, Co-hosted 4 job
 candidate visits, co-hosted 3 job candidate receptions at my home
 Minority Health Education Search Committee member, 2000-2001
 Diversity Series committee, hosted 4 diversity speakers to increase the applicant pool
 for the minority health psychology position
 AUF Minority Health Initiative Proposal Writer / Coordinator, 2000-present

Psychology Department Colloquium seminars co-host for Larry Squire (UCSD)
Clinical Child Psychology Faculty Search Committee, 2000-present
Coordinator of the Doctoral Clinical Health Psychology Track, 1995-present
Undergraduate Health Psychology Track Committee, 1998-present
Minority & Gender Committee, 1996-present
Chair, Clinical Cultural Diversity Task Force, 1997-present
Departmental Newsletter Committee, 1995-present
Chair of the Clinical Awards & Recognition Committee, 1997-present
Clinical Student-Faculty Liaison Committee, 1996-present
Clinical Student Evaluation and Communication Committee, 1997-present
Clinical Training Issues Task Force, 1997-present
Senior Clinical Faculty Search Committee, 1997-1998
Clinic Director Faculty Search Committee, 1997-1998

References:

Dr. D. K. Snyder
Clinical Program Director
Department of Psychology
Texas A&M University
College Station, TX 77843-4235

Dr. W. S. Rholes
Department Head
Department of Psychology
Texas A&M University
College Station, TX 77843-4235

Dr. Richard A. King
Department of Psychology
Davie Hall
University of North Carolina
Chapel Hill, North Carolina

Dr. Jane Welsh
Veterinary Anatomy & Public Health
Texas A&M University
College Station, TX 77843

Publication Policy: When publishing with graduate* or undergraduate** students, I am generous with lead and co-authorships. When possible, I assume the last author position (alternating last and second-to-last with collaborators) which designates the senior investigator in the neuroscience literature. My publication policy is designed to attract, motivate, and promote my students.

Peer-Reviewed Publications (*graduate and **undergraduate students):

Gallagher, M., Meagher, M. W., and Bostock, E. (1987). Effects of opiate manipulations on latent inhibition in rabbits: Sensitivity of the medial septal region to intracranial treatments. *Behavioral Neuroscience*, 101, 2-30.

Meagher, M. W., Grau, J. W., & King, R. A. (1989). Frontal cortex lesions block the opioid and nonopioid hypoalgesia elicited by brief shocks, but not long shock-induced hypoalgesia. *Behavioral Neuroscience*, 103, 1366-1371.

Meagher, M. W., Grau, J. W., & King, R. A. (1990). The role of supraspinal systems in environmentally-induced antinociception: The effect of spinalization and decerebration on brief and long shock-induced antinociception. *Behavioral Neuroscience*, 104, 326-336.

Grau, J. W., **Salinas, J. A., *Illich, P. A., & Meagher, M. W. (1990). Associative learning and memory for an antinociceptive response in the spinalized rat. *Behavioral Neuroscience*, 104, 489-494.

Grau, J. W., * Illich, P. A., **Chen, P. S., & Meagher, M. W. (1991). The role of cholinergic systems in pain modulation I: The impact of scopolamine on shock-induced hypoalgesia. *Behavioral Neuroscience*, 105, 105-124.

Meagher, M. W., ** Chen, P. S., **Salinas, J. A., & Grau, J. W. (1993). Activation of the opioid and nonopioid hypoalgesic systems at the level of the brainstem and spinal cord: Does a coulometric relation predict the emergence and form of environmentally-induced hypoalgesia? *Behavioral Neuroscience*, 107, 309-321.

Meagher, M. W., **Barter, J., *King, T. E., & Grau, J. W. (1995). Presentation of a distractor speeds the decay of a pentobarbital-insensitive nonopioid hypoalgesia in rats. *Psychobiology*, 23, 314-321.

*King, T. E., *Joynes, R. L., Meagher, M. W., & Grau, J. W. (1996). The impact of shock on pain reactivity II: Evidence for enhanced pain. *Journal of Experimental Psychology: Animal Behavior Processes*, 22, 265-278.

**Prentice, T. W., * Joynes, R., Meagher, M. W., & Grau, J. W. (1996). Impact of shock on pain reactivity III: The magnitude of shock-induced antinociception observed depends on test location. *Behavioral Neuroscience*, 110, 1-14.

Grau, J. W., **Burks, K., *Kallina, C. F., *King, T. E., & Meagher, M. W. (1996). Activation of the opioid and nonopioid antinociceptive systems in pentobarbital anesthetized rats: Assessing the role of shock severity. *Psychobiology*, 24, 71-84.

- Meagher, M. W., *Illich, P. A., & **Salinas, J. A. (1998). Physostigmine's impact on brief shock-induced hypoalgesia parallels its effect on memory. *Neurobiology of Learning and Memory*, 70, 374-387.
- *Campbell, T., *Sieve, A., **Scott, B., **Kecmanovic, J., Meagher, M. and Welsh, C. J. R. (1998) The effect of stress on the neuropathogenesis of Theiler's virus-induced demyelination (TVID) as a model for multiple sclerosis. *Journal of Neuroimmunology*, 90, 39.
- *King, T. E., *Crown, E. D., *Sieve, A.N., *Joynes, R. L., Grau, J. W. & Meagher, M. W. (1999). The role of supraspinal systems in shock-induced hyperalgesia. *Behavioural Brain Research*, 100, 33-42.
- **McLemore, S., * Crown, E. D., Meagher, M. W., & Grau, J. W. (1999). Shock-induced hyperalgesia: II. Role of the dorsolateral periaqueductal gray. *Behavioral Neuroscience*, 113, 1-11.
- *Rhudy, J. L., & Meagher, M. W. (2000). Fear and anxiety: Divergent effects on thermal pain thresholds in humans. *Pain*, 84, 65-75.
- Welsh, C. J. R., *Campbell, T., *Sieve, A., **Scott, B., Deladorodriguez, M., Storts, R., & Meagher, M. W. (2000). The effects of restraint stress on the acute and chronic phases of Theiler's virus infection. *Journal of Neurovirology*.
- *Crown, E. D., *King, T. E., Grau, J. W., & Meagher, M. W. (2000). Shock-induced hyperalgesia: IV. The role of the bed nucleus of the stria terminalis, the basolateral and central amygdaloid nuclei. *Behavioral Neuroscience*, 14, 561-573.
- Meagher, M. W., *Arnau, R. C., & *Rhudy, J. L. (2001). Pain and emotion: Effects of affective picture modulation. *Psychosomatic Medicine*, 63, 79-90.
- *Arnau, R. A., Meagher, M. W., Norris, M. P., & Bramson, R. (2001). Psychometric evaluation of the BDI-II with primary care medical patients. *Health Psychology*, 20, 112-119.
- * Sieve, A. N., *King, T. E., Grau, J. W., & Meagher, M. W. (2001). Pain and negative affect: Evidence the inverse benzodiazepine agonist DMCM inhibits pain and learning. *Psychopharmacology*, 153, 180-190.
- *Rhudy, J. L., & Meagher, M. W. (2001). Noise-induced changes in radiant heat pain thresholds: Divergent effects in men and women. *Journal of Pain*, 2, 57-64.
- *Campbell, T., Meagher, M. W., *Sieve, A., *Scott, B., Storts, R., Welsh, T. H., & Welsh, C. J. R. (2001). Effects of restraint stress on the neuropathogenesis of Theiler's virus-demyelination I. Acute Disease. *Brain, Behavior, and Immunity*, 15, 235-254.
- Meagher, M. W., * Ferguson, A.R., **McLemore, S., *King, T. E., *Sieve, A. N., *Crown, E. D., & Grau, J. W. (2001). The generality of stress-induced hyperalgesia. *Journal of Experimental Psychology: Animal Behavior Processes*, 27, 219-238.

- * Rhudy JL & Meagher MW (2003). Individual differences in the emotional reaction to shock determines whether hypoalgesia is observed. *Pain Medicine*, 4, 244-256.
- *Rhudy, J. L., & Meagher, M. W. (2003). Negative affect: II. Effects on an evaluative measure of human pain. *Pain*, 104, 617-626.
- Norris, M. P., *Arnau, R.C., Bramson, R., & Meagher, M. W. (2004). The Efficacy of Somatic Symptoms in Assessing Depression in Older Primary Care Patients, *Clinical Gerontologist*, 27.
- Welsh, C.J.R., Bustamante, L., *Nayak, M., Welsh, T.H., *Dean, D.D. and Meagher, M.W. (in press) The effects of restraint stress on the neuropathogenesis of Theiler's virus infection II: NK cell function and cytokine levels in acute disease. *Brain, Behavior and Immunity*.
- *Johnson, R.R., Storts, R., Welsh, T.H., Welsh, C.J.R. and Meagher, M.W. (in press) Social stress alters the severity of acute Theiler's virus infection. *J. Neuroimmunology*.
- *Mi, W., *Belyavskiy, M., *Johnson, R.R., *Sieve, A.N., Storts, R., Meagher, M.W., & Welsh, C.J.R. (in press) Alterations in chemokine expression following Theiler's virus infection and restraint stress. *Journal of Neuroimmunology*
- *Ferguson, A. R., *Patton, B. C., *Bopp, A. C., Meagher, M. W., & Grau, J. W. (in press). Brief exposure to a mild stressor enhances morphine conditioned place preference in male rats. *Psychopharmacology*
- *Crown, E.D., **Patton, B., Grau, J. W., & Meagher, M. W. (accepted pending revisions). Pain in a balance: DLF lesions unmask hyperalgesia after long-shock. *Behavioral Neuroscience*.
- *Means-Christensen, A. J., *Arnau, R. C., *Maner, A. M., Bramson, R., & Meagher, M. W. (in review). An efficient method of identifying depression and panic disorder in primary care patients. Submitted *Annals of Behavioral Medicine*.
- *Rhudy, J. L., & Meagher, M. W. (in review). Fear-Induced Hypoalgesia in Humans: Effects on Low Intensity Thermal Stimulation and Finger Temperature. *Journal of Pain*
- *Sieve, A. N., *Bridegam, P., Storts, R., Welsh, T.H., Welsh, C. J. R., & Meagher, M. W. (in review) Chronic restraint stress during early infection exacerbates the subsequent demyelinating phase of Theiler's virus infection. Submitted *Journal of Neuroimmunology*.
- *Karlin, B. E., *Creech, S.K., *Grimes J.S., Clark, T.S., Meagher, M.W., & Morey, L.C. Use and utility of the Personality Assessment Inventory with individuals with chronic pain. Submitted to *Assessment*.
- *Hernandez, E., Meagher, M.W., & Gleaves, D.H. (submitted). Memory for early childhood events: A review of adult, child, and physiological research.

Meagher, M. W., *Belyavskiy, M., *Seive, A. N., *Johnson, R.R., Welsh, T. H., & Welsh, C. J. R. (submitted). Maternal separation disrupts viral clearance during the acute phase of Theiler's virus infection in adult mice.

Book Chapters and Literature Reviews:

Gallagher, M., Meagher, M. W., and Decker, M. (1989). Distinctive functional properties of limbic system opioid peptides. In Y. Tache, J. E. Morley, & M. R. Brown (Eds.), *Neuropeptides and Stress*, New York: Springer-Verlag, pp 297-312.

Grau, J. W., & Meagher, M. W. (1999). Pain modulation: It's a two-way street. *Psychological Science Agenda*, 12, 10-12. (circulation of over 25,000)

*Rhudy, J. L., & Meagher, M. W. (2001). The role of emotion in pain modulation. *Current Opinion in Psychiatry*, 14, 241-245.

Meagher, M. W. (2002). Clinical implications of animal pain research, (pp 227-243). In M. E. Carroll & J. B. Overmier (Eds.), *Linking animal research and human psychological health*. Washington, DC: American Psychological Association.

Meagher, M. W. (2004). Links between chronic pain and traumatic family violence: Biopsychosocial pathways and clinical implications. In K. Kendall-Tackett(Ed), *Health consequences of abuse in the family: A clinical guide for evidence-based practice*. Washington, DC: American Psychological Association.

Meagher, M. W. (2004). Immune system structure and function. In A. Christensen (Ed), *Encyclopedia of Health Psychology*, New York: Kluwer Academic/Plenum Publishers.

Meagher, M. W., & Welsh, C. J. R. (in press). Impact of naturalistic models of stress on Theiler's virus infection. In C.J.R., Welsh, M.W. Meagher, MW, & E. Sternberg (Eds), *Neural and neuroendocrine factors in susceptibility and resistance to infectious diseases*. New York: Kluwer Publishers.

Welsh C. J.R., & Meagher, M.W. (in press). The effects of restraint stress on an animal model of multiple sclerosis. In C.J.R., Welsh, M.W. Meagher, MW, & E. Sternberg (Eds), *Neural and neuroendocrine factors in susceptibility and resistance to infectious diseases*. New York: Kluwer Publishers.

Edited Books:

Welsh, CRJ, Meagher, MW, & Sternberg E (in press). Neural and neuroendocrine factors in susceptibility and resistance to infectious diseases. New York: Kluwer Publishers.

Manuscripts in Preparation (*graduate and **undergraduate students):

Meagher, M. W., Belyavskiy, M., Seive, A. N., Johnson, R.R., Welsh, T. H., & Welsh, C. J. R. (in preparation). Maternal separation alters CNS inflammation during acute Theiler's virus infection in adult mice.

- Mi, W., Belyavskiy, M., Johnson, R.R., Sieve, A.N., Meagher, M.W., Welsh, C.J.R. Alterations in cytokine expression following Theiler's virus infection and restraint stress.
- Welsh, C.J.R., Sieve, A., Johnson, R., Storts, R., Welsh, T. H. and Meagher, M. W. (in preparation). The effects of restraint stress on the neuropathogenesis of Theiler's virus infection. II. Chronic disease. *Brain, Behavior and Immunity*.
- Ferguson, A. R., King, T. E., Sieve, A. N., Crown, E. D., Patton, B. C., Grau, J. W., Meagher, M. W. Shock-induced hyperalgesia VI. Impact of shock exposure on acoustic startle, social interaction, aggression, and exploratory behavior on the elevated plus-maze. Manuscript in preparation.
- Mi, W., Storts, R., Prentice, T., Meagher, M.W., Welsh, C.J.R. Increased viremia as a result of restraint stress in Theiler's virus-infected mice.
- Meagher, M.W., Satterlee, D.M., Sieve, A.N., Welsh, T.H., & Welsh, C.J.R. (in preparation). Glucocorticoids mediate the effects of chronic stress on Theiler's virus infection in mice.
- Meagher, M.W., **Satterlee, D.M., *Sieve, A.N., Welsh, T.H., & Welsh, C.J.R. (in preparation). Glucocorticoids mediate the effects of chronic stress on Theiler's virus infection in mice.
- *Sieve, A. N., **Bridgman, P., Storts, R., Welsh, C. J. R., & Meagher, M. W. (in preparation). Chronic restraint stress during early infection exacerbates the subsequent demyelinating phase of Theiler's virus infection: Histological and behavioral analysis.
- *Sieve, A. N., **Bridgman, P., Storts, R., Welsh, C. J. R., & Meagher, M. W. (in preparation). Chronic restraint stress during early infection exacerbates the subsequent demyelinating phase of Theiler's virus infection: Immunological and behavioral analysis.
- *Johnson, R.R, Welsh, T., Welsh, C. J. R., Meagher, M. W. (in preparation). Social stress alters the severity of chronic Theiler's virus infection
- Meagher, M.W., **McCullough, H., *Sieve, A.N., Welsh, T.H., & Welsh, C.J.R. (in preparation). Norepinephrine partially mediates the effects of chronic stress on Theiler's virus infection in mice.
- Welsh, C.J.R., *Sieve, A., *Johnson, R., Storts, R., Welsh, T. H. and Meagher, M. W. (in preparation). The effect of restraint stress on Theiler's virus-induced demyelinating disease as a model for multiple sclerosis.
- Meagher, M. W., *King, T. E., *Joynes, R.L., & Grau J. W., (in preparation). Using spinal nociceptive reflexes to measure pain: Methodological issues and interpretative problems.
- *Rhudy, J. L., & Meagher, M. W. (in preparation). The effects of conditioned fear on human pain.

- *Rhudy, J. L., & Meagher, M. W. (in preparation). Affective pain modulation: an integrative approach (review article).
- *Rhudy, J. L., & Meagher, M. W. (in preparation). Gender differences in pain modulation.
- Meagher, M. W. & Kendall-Tackett, K. (in preparation). Chronic pain and traumatization: Biopsychosocial pathways and clinical implications.
- *Grimes, J., *Creech, S, & Meagher, M.W. (in preparation). Presentation of a distractor speeds the decay of noise stress-induced hypoalgesia in humans.
- *Sieve, A. N., *Garcia, G., *Crown, E. D., Grau, J. W., & Meagher, M. W. (in preparation). Shock-induced hyperalgesia in rats: Evidence the dorsolateral PAG is necessary but not sufficient.
- Meagher, M. W., *Biles, M., & Grau, J. W., (in preparation). The role of stress and HPA function in shock-induced hypoalgesia.
- Meagher, M. W., **Allen, A. R., & *Illich, P.A. (in preparation). Conditioned activation of opioid and nonopioid antinociceptive mechanisms.

Published Abstracts (*graduate and **undergraduate students):

- Gallagher, M., Bostock, E., and Meagher, M. W. (1985). Effects of opiate administration into the medial septal area on latent inhibition. *Society for Neuroscience Abstracts*, 11, 382.
- Meagher, M. W., Pellymounter, M. A., Hong, J. S., and Gallagher, M. (1986). Effects of classical conditioning procedures on dynorphin A (1-8)-like immunoreactivity in the hippocampal formation of the rat. *Society for Neuroscience Abstracts*, 12, 1009.
- Meagher, M. W., & Grau, J. W. (1987). Decerebration blocks the analgesia observed after very brief, but not long, shocks. *Society for Neuroscience Abstracts*, 13, 990.
- Grau, J. W., & Meagher, M. W. (1987). Lesions of the frontal cortex attenuate the analgesia observed after very brief, but not long, shocks. *Society for Neuroscience Abstracts*, 13, 990.
- Meagher, M. W., & Grau, J. W. (1988). Intense, but not weak, shocks induce a transient nonopioid, and a long-lasting opioid, analgesia in spinal rats. *Society for Neuroscience Abstracts*, 14, 709.
- Grau, J. W., & Meagher, M. W. (1988). The impact of cholinergic drugs on mild shock-induced analgesia parallels their impact on memory. *Society for Neuroscience Abstracts*, 14, 709.
- Meagher, M. W. (1989). Spinal antinociceptive mechanisms: The role of intraspinal, brainstem, and forebrain systems. *Dissertation Abstracts International*, 50 (8-B), 3748-3749.

- Meagher, M. W., Grau, J. W., & King, R.A. (1989). Does a coulometric relation determine whether analgesia in the decerebrate rat is opioid or nonopioid in form? *Society for Neuroscience Abstracts*, 15, 850.
- **Salinas, J. A., *Illich, P. A., Meagher, M. W., & Grau, J. W. (1989). Conditioned analgesia in the spinalized rat. *Society for Neuroscience Abstracts*, 15, 847.
- **Chen, P. S., *Illich, P. A., Meagher, M. W., & Grau, J. W. (1991). The impact of scopolamine and yohimbine on pain reactivity and shock-induced antinociception in spinalized rats. *Society for Neuroscience Abstracts*, 17, 1374.
- **Allen, A. R., *Illich, P. A., Meagher, M. W., & Grau, J. W. (1991). Whether conditioned analgesia is opioid mediated depends upon shock intensity but not stimulus duration. *Society for Neuroscience Abstracts*, 17, 110.
- Grau, J. W., *Illich, P. A., **Burks, K. D., & Meagher, M. W. (1992). Influence of shock severity on the activation of analgesic systems in pentobarbital treated rats. *Society for Neuroscience Abstracts*, 18, 686.
- **Parker, C. W., *Illich, P. A., Grau, J. W., & Meagher, M. W. (1992). Controllable, but not uncontrollable shock elicits an antinociception in spinalized rats. *Society for Neuroscience Abstracts*, 18, 1026.
- **Barstow, D. G., Grau, J. W., & Meagher, M.W. (1993). The importance of equating flexion force when studying "instrumental learning" in spinalized subjects. *Society for Neuroscience Abstracts*, 20, 1001.
- **Prentice, T. W., Grau, J. W., & Meagher, M. W. (1994). The magnitude of shock-induced antinociception observed on the tail-flick test in rats depends on where radiant heat is applied. *Society for Neuroscience Abstracts*, 20, 764.
- *King, T. E., *Joynes, R. L., Meagher, M. W., & Grau, J. W. (1996). Shock-induced hyperalgesia in rats. *Society for Neuroscience Abstracts*, 22, 120.
- *Livermore, C. L., Nation, J.R., *Miller, K. D., & Meagher, M. W. (1996). Chronic exposure to lead alters the initiation of behavioral sensitization to morphine. *Society for Neuroscience Abstracts*, 22, 172.
- *King, T. E., *Joynes, R. L., Meagher, M. W., & Grau, J. W. (1997). Deep lesions of the frontal pole block shock-induced hyperalgesia in rats. *Society for Neuroscience Abstracts*, 23, 161.
- *Rhudy, J., *Arnau, R. C., **Rector, A., & Meagher, M. W. (1997). Fear reduces cold pain tolerance in humans. *Society for Neuroscience Abstracts*, 23, 2353.
- Meagher, M. W., **McLemore, S., *King, T. E., & Grau, J. W. (1998). The generality of shock-induced hyperalgesia in rats. *Society for Neuroscience Abstracts*, 24, 1901.
- *Crown, E. D., *King, T. E., Meagher, M. W., & Grau, J. W. (1998). Amygdala lesions block shock-induced hyperalgesia in rats. *Society for Neuroscience Abstracts*, 24, 1901.

- **McLemore, S., *Crown, E. D., Grau, J. W., & Meagher, M. W. (1998). Dorsolateral periaqueductal gray lesions eliminate shock-induced hyperalgesia in rats. *Society for Neuroscience Abstracts*, 24, 1901.
- *Sieve, A. N., *King, T. E., *Crown, E., Meagher, M. W., & Grau, J. W. (1998). The role of anxiety in shock-induced hyperalgesia in rats. *Society for Neuroscience Abstracts*, 24, 1901.
- *Rhudy, J. L., **Cervantes, A. A., **Carr, J. A., **Abel, M., & Meagher, M. W. (1998). Divergent effects of fear and anxiety on human pain thresholds using radiant heat. *Society for Neuroscience Abstracts*, 24, 1136.
- Meagher, M. W., *Rhudy, J. A., & *Arnau, R. C. (1999). Do pleasant and unpleasant emotional states alter pain? *Annals of Behavioral Medicine*, 21, S164.
- *Maner, A., Meagher, M. W., *Means-Christensen, A., & **Jones, J. (1999). Patient acceptance and utility of psychological screening programs in primary care. *Annals of Behavioral Medicine*, 21, S160.
- *Rhudy, J. L., **Gerstein, J., **Gaulke, K.M., **Trevino, A., **Lindsey, A. M., **Reeves, K. D., **Evans, S., **Goldthwaite, A. M., & Meagher, M. W. (1999). Divergent effects of fear and anxiety on human pain thresholds using radiant heat. *Society for Neuroscience Abstracts*, 25, 144.
- Meagher, M. W., *Crown, E. D., & Grau, J. W. (1999). Evidence inescapable shock produces hyperalgesia in rats. *Society for Neuroscience Abstracts*, 25, 688.
- *Sieve, A., *Campbell, T., **Scott, B., *Delgado-rodriguez, M., Storts, R., Welsh, J., & Meagher, M. W. (1999). Chronic restraint stress alters the acute and chronic phases of Theiler's virus infection. *Society for Neuroscience Abstracts*, 25, 701.
- *Sieve, A., *Garcia, G., Crown, E.D., Grau, J. W., & Meagher, M. W. (2000). Shock-induced hyperalgesia in rats: Evidence the dorsolateral periaqueductal gray is necessary but not sufficient. *Society for Neuroscience Abstracts*, 27, 653.
- Meagher, M. W., *Garcia, G., Crown, E.D., Grau, J. W., & Meagher, M. W. (2000). Shock-induced hyperalgesia in rats: Dorsolateral funiculus lesions unveil hyperalgesia after long shock. *Society for Neuroscience Abstracts*, 27, 653.
- *Rhudy, J. L., & Meagher, M. W. (2000). Fear-induced hypoalgesia: Changes in pain perception, not motor reactivity. *Society for Neuroscience Abstracts*, 26, 438.
- Welsh, C.J.R., *Sieve, A., *Dean, D., Storts, R., Welsh, T.H. and Meagher, M.W. (2000). Effect of restraint stress on the acute phase of Theiler's virus infection. *Brain, Behaviour and Immunity*, 14, 138.
- *Sieve, A., *Garcia, G., Crown, E.D., Grau, J. W., & Meagher, M. W. (2000). Shock-induced hyperalgesia in rats: Evidence the dorsolateral periaqueductal gray is necessary but not sufficient. *Society for Neuroscience Abstracts*, 27, 653.

- Welsh, C.J.R., *Sieve, A., *Bustamante, L., *Abbey, C., *Dean, D.D., Storts, R., Welsh, T. H. and Meagher, M.W. (2001). Mechanisms of restraint stress induced mortality during the early phase of Theiler's virus infection. *Journal of Neuroimmunology*, 118,, 170
- Welsh, C.J.R., *Sieve, A., *Johnson, R., Storts, R., Welsh, T. H. and Meagher, M. W. (2001). The effect of restraint stress on Theiler's virus-induced demyelinating disease as a model for multiple sclerosis. *Journal of Neuroimmunology*, 118, 172.
- **Satterlee, D.M., *Sieve, A.N., Welsh, T.H., Welsh, C.J.R. and Meagher, M.W. (2001) Corticosterone mediates the effects of chronic stress on Theiler's virus infection in mice. *Society for Neuroscience Abstracts*, 28, 2238.
- *Johnson, R.L., Welsh, T.H., Tiffany-Castiglioni, E., Welsh, C.J.R., and Meagher, M.W. (2001). Social disruption stress increases severity of paralysis in Balb/cj mice infected with Theiler's virus. *Society for Neuroscience Abstracts*, 28, 2236.
- *Sieve, A., Welsh, T.H., Welsh, C.J.R. and Meagher, M.W. (2001) The effects of chronic restraint stress on Theiler's virus infection in mice: sex differences. *Society for Neuroscience Abstracts*, 28, 2235.
- *Means-Christensen, A., & Meagher, M. W. (2001). Health-related risk factors for depression in primary care. *Annals of Behavioral Medicine*.
- *Rhudy, J. L., & Meagher, M. W. (2001). The effects of conditioned fear on human pain. *Society for Neuroscience Abstracts*, 28, 427.
- *Means-Christensen, A., & Meagher, M. W. (2001). Health-related risk factors for depression in primary care. *Annals of Behavioral Medicine*.
- Meagher, M. W., Belyavskyi, M., *Seive, A. N., *Johnson, R.R., & Welsh, C. J. R. (2002) Postnatal maternal separation disrupts viral clearance during the acute phase of Theiler's virus infection in adult mice. *Brain Behavior and Immunity*, 201.
- *Sieve, A. N., **Bridegam, P., Storts, R., Welsh, C. J. R., & Meagher, M. W. (2002). Chronic restraint stress during early infection exacerbates the subsequent demyelinating phase of Theiler's virus infection. *Brain Behavior and Immunity*, 214.
- *Johnson, R.R, Welsh, T., **Husband, L., Welsh, C. J. R., Meagher, M. W. (2002). The timing of social stress may impact the course of Theiler's virus infection. *Brain, Behavior, and Immunity*, 201.
- *Mi, W., Belyavskyi, M., *Johnson, R. R., *Seive, A. N., Meagher, M. W., Welsh, C. J. R. (2002). Cytokine changes following restraint stress and Theiler's virus infection. *Brain Behavior and Immunity*, 201.
- *Johnson, R.R., Welsh, T. H., **Husband, L., Welsh, C. J. R., & Meagher, M. W., (2002). Stress timing effects on the disease course of Theiler's virus. *Society for Neuroscience Abstracts*.

- *Sieve, A. N., **Bridegam, P., Storts, R., Bustamante, L., Welsh, C.J.R., & Meagher, M.W. (2002). Chronic restraint stress exacerbates Theiler's virus induced demyelination. *Society for Neuroscience Abstracts*.
- **McCullough, H.K., *Johnson, R.R., *Sieve, A.N., Welsh, C.J.R., & Meagher, M.W. (2002). Nadolol attenuates the deleterious effects of chronic restraint stress on Theiler's virus infection. *Society for Neuroscience Abstracts*.
- **Bridegam, P., *Sieve, A.N., Welsh, T.H., Welsh, C.J.R., & Meagher, M.W. (2002). Chronic morphine administration exacerbates the acute phase of Theiler's virus infection. *Society for Neuroscience Abstracts*.
- *Grimes, J., *Creech, S, & Meagher, M.W. (2002). Presentation of a distractor speeds the decay of noise-induced hypoalgesia in humans. *Tenth World Congress on Pain*.
- *Sieve, A. N., Storts, R., Welsh, T. H., Welsh, C. J. R., & Meagher, M. W. (2003). Sex differences in stress-induced changes in inflammatory demyelinating lesions in the CNS. *Brain Behavior and Immunity*, 17, 206
- *Johnson, R.R, Welsh. T., Welsh, C. J. R., Meagher M. W. (2003). The timing of social disruption stress alters viral clearance and behavioral signs of illness in Theiler's virus infection. *Brain, Behavior, and Immunity*. 17, 182.
- Welsh, C.J.R., *Sieve, A.N., *Mi, W., *Johnson, R.R., Belyavskiy, M., Welsh, T.H., Storts, R., Meagher, M.W. (2003). Stress-induced neuroendocrine and immunological changes in Theiler's virus infection as a model for multiple sclerosis. *Brain, Behavior and Immunity* 17, 214.
- *Mi, W., *Belyavskiy, M., *Johnson. R. R., *Sieve, A. N., Meagher, M. W., Welsh. C. J. R. (2003). Chemokine changes following restraint stress and Theiler's virus infection. *Brain Behavior and Immunity*, 17, 190.
- *Grimes, J. S., *Rhudy, J. L., & Meagher, M. W. (2003). The finger - flick test of human pain threshold: reliability and validity. *Society for Neuroscience Abstracts*
- *Faulkner, R., *Prentice, T.W., *Johnson, R. R., *McCullough, H.K., Welsh, T. W., Storts, R., Welsh, J.C.R., & Meagher, M.W. (2003). Corticosterone is both necessary and sufficient to observe the adverse effects of restraint stress on acute Theiler's virus infection. *Society for Neuroscience Abstracts*.

Other Conferences and Invited Presentations (*graduate and **undergraduate students):

Meagher, M. W., Pellymounter, M. A., Hong, J. S., and Gallagher, M. Effects of classical conditioning procedures on dynorphin A (1-8)-like immunoreactivity in the hippocampal formation of the rat. Presented at the North Carolina Chapter of the Society for Neuroscience: Annual Graduate and Post-Graduate Proceedings, April, 1986.

- Meagher, M. W., & Grau, J. W. Decerebration blocks the analgesia observed after very brief, but not long, shocks. Poster presented at the Bastrop Biopsychology Conference, Bastrop, Texas, February, 1988.
- Grau, J. W., & Meagher, M. W. Lesions of the frontal cortex attenuate the analgesia observed after very brief, but not long, shocks. Poster presented at the Bastrop Biopsychology Conference, Bastrop, Texas, February, 1988.
- Meagher, M. W., & Grau, J. W. Intense, but not weak, shocks induce a transient nonopioid, and a long-lasting opioid, analgesia in spinal rats. Presented at the meeting of the Texas A&M Division of the Society for Neuroscience, January, 1989.
- Meagher, M. W. Conditioned analgesia in the spinalized rat. Talk presented at the Winter Conference on Animal Learning and Behavior VIII, Winter Park, Colorado, January, 1990.
- Meagher, M. W., Grau, J. W., & King, R. A. Does a coulometric relation determine whether analgesia in the decerebrate rat is opioid or nonopioid in form? Presented at the meeting of the Texas A&M Division of the Society for Neuroscience, January, 1990.
- **Chen, P. S., *Illich, P. A., Meagher, M. W., & Grau, J. W. The impact of scopolamine on conditioned and shock-induced analgesia. Poster presented at the Bastrop Biopsychology Conference, Bastrop, Texas, February, 1990.
- Meagher, M. W. Activation of the opioid and nonopioid hypoalgesic systems at the level of the brainstem and spinal cord. Presented at the Opioid Behavior Group Conference, Cornell University, Ithaca, NY, May, 1992.
- Grau, J. W., Meagher, M. W., *King, T. E., *Illich, P. A., & *Joynes, R. L. Impact of shock on pain reactivity in rats: Whether hypo- or hyperalgesia is observed depends on how pain reactivity is tested. Presented at the Psychonomics Society Meeting in Los Angeles, CA, November, 1995.
- Meagher, M. W. Animal models of PTSD. Graduate Research Seminar, Texas A&M University, November, 1995.
- Meagher, M. W. Screening for psychological disorders in primary care. Scott & White Clinic, Family Medicine, College Station, February, 1997.
- *King, T. E., *Joynes, R. L., Meagher, M. W., & Grau, J. W. (1997). Deep lesions of the frontal pole block shock-induced hyperalgesia in rats. Presented at the TAMU Faculty of Neuroscience Meeting, November, 1997.
- *Rhudy, J., *Arnau, R., **Rector, A., & Meagher, M. W. Fear reduces cold pain tolerance in humans. Presented at the TAMU Faculty of Neuroscience Meeting, November, 1997.
- **Carr, J. A., **Abel, M. R., **Rasberry, A. E., **Vaughan, C. L., **Cervantes, A. A., *Rhudy, J., & Meagher, M. W. Influence of disgusting, erotic, and fearful emotions

on cold pressor pain. Annual Student Research Week, Texas A&M University, March, 1998 (first place in poster competition).

**Scott, B., *Campbell, T., *Sieve, A., **Kecmanovic, J., Meagher, M. W., & Welsh, C. J. R. The effect of stress on the neuropathogenesis of Theiler's virus-induced demyelination (TVID) as a model for multiple sclerosis. Annual Student Research Week, Texas A&M University, March, 1998 (first place in paper presentation competition).

Welsh, C. J. R. & Meagher, M. W. The effect of chronic stress on Theiler's virus-infection. National Institutes of Health Interdisciplinary Workshop in Psychoneuroimmunology, March, 1998.

Meagher, M. W. Pain and emotion. Graduate Research Seminar, Texas A&M University, November, 1998.

Meagher, M. W., *Rhudy, J. L., *Arnau, R. C., & **Bryan, S. The effects of emotion on pain. Presented at the Annual Meeting of the American Psychological Association, San Francisco, August, 1998.

*Means-Christensen, A., Meagher, M.W., & *Maner, A. Do primary care patients want psychological screening and treatment? Presented at the Annual Meeting of the American Psychological Association, San Francisco, August, 1998.

Meagher, M. W., **McLemore, S., *King, T. E., & Grau, J. W. The generality of shock-induced hyperalgesia in rats. Presented at the TAMU Faculty of Neuroscience Meeting, November, 1998.

*Rhudy, J. L., **Cervantes, A. A., **Carr, J. A., **Abel, M., & Meagher, M. W. Divergent effects of fear and anxiety on human pain thresholds using radiant heat. Presented at the TAMU Faculty of Neuroscience Meeting, November, 1998.

*Crown, E. D., *King, T. E., Meagher, M. W., & Grau, J. W.. Amygdala lesions block shock-induced hyperalgesia in rats. Presented at the TAMU Faculty of Neuroscience Meeting, November, 1998.

**McLemore, S., *Crown, E. D., Grau, J. W., & Meagher, M. W. Dorsolateral periaqueductal gray lesions eliminate shock-induced hyperalgesia in rats. Presented at the TAMU Faculty of Neuroscience Meeting, November, 1998.

*Sieve, A. N., *King, T. E., *Crown, E., Meagher, M. W., & Grau, J. W. (1998). The role of anxiety in shock-induced hyperalgesia in rats. Presented at the TAMU Faculty of Neuroscience Meeting, November, 1998.

*Rhudy, J. L., & Meagher, M.W. (1999). Stress-Induced Analgesia: Fear or anxiety? Presented at the Annual Meeting of the American Psychological Association, Boston, August, 1999.

- *Arnau, R. A., Meagher, M. W., & Norris, M. P. Psychometric evaluation of the BDI-II with primary care medical patients. Presented at the Annual Meeting of the American Psychological Association, Boston, August, 1999.
- Norris, M. P., Meagher, M. W., & *Arnau, R. A. The structure of depression in older primary care patients. Presented at the Annual Meeting of the American Psychological Association, Boston, August, 1999.
- Meagher, M. W. Pain and emotion. Invited colloquium, University of Texas, Department of Psychology, April 2, 1999.
- *Rhudy, J. L., & Meagher, M. W. The effect of sub-clinical anxiety on health perception. Presented at the Annual Meeting of the Texas Psychological Association, San Antonio, TX, November, 1999.
- *Arnau, R. C., *Maner, A., Meagher, M. W., & Bramson, R. Utility of the SF-20 for identifying primary care patients with mental disorders. Presented at the Annual Meeting of the Texas Psychological Association, San Antonio, TX, November, 1999.
- Welsh, C.J.R., Campbell, T., Sieve, A., Scott, B., Delgadorodriguez, M., Storts, R. and Meagher, M. The effect of restraint stress on the acute and chronic phases of Theiler's virus infection. First Gordon Conference on Neurovirology, London, New Hampshire, June 1999.
- Meagher, M. W. and Welsh, C. J. R. The effects of stress on the neuropathogenesis of Theiler's virus infection in mice as a model of multiple sclerosis. Invited presentation. Symposium: Comparative psychoneuroimmunology: Studies of Mice, Monkeys and Humans. Southwestern Psychological Association, Dallas, TX, April, 2000.
- Welsh, C. J. R., Meagher, M. W., and Welsh, T. Invited presentation. The effects of restraint stress on the acute phase of Theiler's virus infection. Annual Psychoneuroimmunology Research Society Conference, Cape Fear, North Carolina, May, 2000.
- Rhudy, J.L., Finch, J. F. Arnau, R. C., & Meagher, M. W. Anxiety, physical functioning, and health perception: A longitudinal analysis. Presented at the Annual Meeting of the American Psychological Association, Washington DC, August, 2000.
- Means-Christensen, A., & Meagher, M. W. Health-related risk factors for depression in primary care. Society for Behavioral Medicine Conference, Seattle, Washington, March, 2001.
- Meagher, M. W. Measuring pain in animals: Methodological issues and interpretive problems. Talk presented at the Winter Conference on Animal Learning and Behavior, Winter Park, Colorado, January, 2001.
- Welsh, C. J. R., & Meagher, M. W. Mechanisms of restraint stress induced mortality during the early phase of Theiler's virus infection". Invited presentation at the Integrative Neural Immune Program at NIH, Bethesda, Maryland, February, 2002.

- Karlin, B. E., Creech, S.K., Grimes J.S., Meagher, M.W., & Morey, L.C. The use of the Personality Assessment Inventory with individuals with chronic pain: An empirical investigation. American Psychological Association. August 2003.
- Rhudy J.L., & Meagher, M.W. Does humor inhibit fear-induced hypoalgesia in humans? Annual American Pain Society Meeting, Chicago, March 2003.
- Grimes, J., Creech, S., Chokshi, N., Angermiller, E., Villa, J., Yates, M., & Meagher, M.W. (2003). Noise-induced stress impacts secondary hyperalgesia in a human capsaicin pain model.
- Meagher, M. W. Impact of naturalistic stressors on Theiler's virus infection. Invited presentation "Symposium on neural and neuroendocrine factors in susceptibility and resistance to infectious diseases". Symposium organized by the International Society for Neuroimmunomodulation (ISNIM) for the American Association for Immunologists in Denver, May 2003.
- Welsh, C.J. R. & Meagher, M.W. (in press). The neuroendocrine mechanisms mediating the effects of stress on Theiler's virus infection. *Psychoneuroimmunology Research Society*, 10th International Annual Meeting, Amelia Island, Florida, June 2003.
- Welsh, Jane, Amy Sieve, Wentao Mi, Robin Johnson, Thomas Welsh, Ralph Storts and Mary Meagher (2003). The effects of stress on an animal model of multiple sclerosis XXXVIII Congresso da Sociedade Brasileira de Fsiologia-SBFIS, XXI Congresso da Associacao Latino Americana de Ciencias Fisiologicas ALACF, Abstracts Ribeirao Preto, Sao Paula, Brazil
- Hammons, A.E., Storts, R. Meagher, M.W., Johnson, R.R., Sieve, A. N., Young, C. R., Welsh, C.J.R. The effect of restraint stress on the chronic phase of Theiler's virus-induced demyelination. American Microbiology Society Meeting.
- Steelman, A.J., Welsh, C.J.R., Storts, R., Young C.R., Sieve, A., Johnson, R., Welsh., T.H. and Meagher, M.W. Chronic Stress in Theiler's Virus-Infected Mice Suppresses Antibody Titers to the myelin peptide PLP₁₃₉₋₁₅₁
- Grimes, J., Creech, S., & Meagher, M.W. (submitted). The impact of a noise stressor on capsaicin-induced primary and secondary hyperalgesia. American Pain Society Meeting, Canada.