

Frank M. Scalzo, Ph.D.

Curriculum Vitae (updated January 6, 2018)

Psychology Program	845.758.7222 (office)
Preston Hall 101	845.758.2339 (secretary office fax)
50 Campus Road	email: scalzo@bard.edu
Bard College	518.653.6894 (mobile)
Annandale-on-Hudson, NY 12504-5000	Birthplace: Albany, New York

EDUCATION

- Ph.D. 1985 Psychology, State Univ. of New York at Binghamton (Binghamton University)
Major: Psychopharmacology; Minors: Quantitative Methods in Psychology;
Chemical Principles and Behavior
Dissertation: Locus Coeruleus Lesions in 3 Day-Old Rat Pups: Effects on Age-Specific Behaviors and Associative Ability, advisor: Linda P. Spear
- M.A. 1982 Psychology, State Univ. of New York at Binghamton (Binghamton University)
Thesis: Functional Ontogeny of Dopamine Autoreceptors, advisor: Linda P. Spear
- B.S. 1980 Biology; St. Bonaventure University, Olean, New York, Minor: Psychology
1978 McGill University, Montreal, Quebec, Canada (visiting summer student)

PROFESSIONAL EXPERIENCE

- 2018-present Fulbright Scholar and Visiting Professor, Faculty of Pharmacy and Faculty of Computer Science, University of Ljubljana, Ljubljana, Slovenia
- 2014-present Health Professions Advisor, Bard College, Annandale-on-Hudson, New York
- 2000-present Associate Professor, Psychology Program, Bard College, Annandale-on-Hudson, New York (tenured in 2003)
- 2003-2013 Director, Psychology Program, Bard College, Annandale-on-Hudson, New York
- 2011 Visiting Scientist (sabbatical 8/2011–12/2011), Division of Neurotoxicology, National Center for Toxicological Research and the U.S. Food and Drug Administration, Jefferson, Arkansas
- 2005-2006 Visiting Professor (sabbatical 1/2005-5/2005), Department of Biological Sciences (Patrick Page-McCaw Laboratory), Rensselaer Polytechnic Institute, Rensselaer, New York
- 1999-2000 Visiting Associate Professor, Psychology Program, Bard College, Annandale-on-Hudson, New York
- 1995-2000 Associate Professor (tenured), Departments of Pediatrics, and Pharmacology and Toxicology, University of Arkansas for Medical Sciences (UAMS) at Arkansas Children's Hospital Research Institute, Little Rock, Arkansas

- 1995-2000 Associate Professor, Graduate School, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 1995-1996 Fulbright Scholar and Visiting Professor, Department of Pharmacy, University of Ljubljana, Ljubljana, Slovenia
- 1994-2000 Lecturer, Department of Psychology, University of Arkansas at Little Rock (UALR), Little Rock, Arkansas
- 1994-1995 Assistant Professor, Graduate School, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 1993-1995 Joint Faculty Appointment, Assistant Professor, Department of Pharmacology and Toxicology, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 1992-1995 Assistant Professor, Pediatric Research, University of Arkansas for Medical Sciences at Arkansas Children's Hospital Research Institute, Little Rock, Arkansas
- 1990-1997 Guest Scientist, Division of Reproductive and Developmental Toxicology, The National Center for Toxicological Research (NCTR), Jefferson, Arkansas
- 1990-1992 Assistant Professor, Department of Pediatrics, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 1989-1990 Research Assistant Professor, Department of Pediatrics, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 1987-1990 Postdoctoral Fellow, U.S. Food & Drug Administration, Division of Reproductive and Developmental Toxicology, The National Center for Toxicological Research and Oak Ridge Associated Universities, Jefferson, Arkansas
- 1985-1987 Postdoctoral Fellow, Department of Developmental Psychobiology, New York State Psychiatric Institute and Department of Psychiatry, College of Physicians and Surgeons of Columbia University, New York, New York
- 1984-1985 Graduate Student Research Assistant, Department of Psychology, State University of New York at Binghamton (Binghamton University), Binghamton, New York
- 1980-1984 Graduate Student Teaching Assistant, Department of Psychology, State University of New York at Binghamton (Binghamton University), Binghamton, New York

AWARDS AND HONORS

2018	Fulbright Scholar - Lecturing/Research in Pharmacy - Slovenia
2017	Bard College Faculty Research Award
2013-2015	Council Member, Neurobehavioral Teratology Society
2004	President, Neurobehavioral Teratology Society
2002, 2006	Bard College Faculty Research Award
2001	Bard College Technology Research Award
1997	President, Arkansas Chapter of the Society for Neuroscience
1996-1997	Council, Neurobehavioral Teratology Society
1995-1996	Fulbright Scholar - Lecturing/Research in Psychopharmacology - Slovenia
1995	Early Promotion and Tenure, Department of Pediatrics, University of Arkansas
1993	MCPG/CUMG Physician's Research Award
1992	National Academy of Sciences, East European Exchange Program, Slovenia
1991	National Academy of Sciences and Society for Neuroscience Travel Award to the Third International Brain Research Organization (IBRO) meeting
1991	College on Problems of Drug Dependence Travel Award
1991	Univ. of Arkansas for Medical Sciences Medical Research Endowment Fund Award
1990	International Society for Developmental Psychobiology Travel Award
1990	Neurobehavioral Teratology Society Travel Award
1990-1995	FIRST Independent Research Award, National Institute on Drug Abuse
1987-1990	Postdoctoral Fellowship, Oak Ridge Associated Universities and the National Center for Toxicological Research
1985-1987	National Research Service Award, National Institute of Mental Health
1980	St. Bonaventure University, Graduation with Honors, Cum Laude

GRANT FUNDING (Extramural)

1. J.W. Fulbright Scholarship Program and Council for International Exchange of Scholars, "Improving Pharmacy Education by Enhancing a Psychotropic Drugs Course and Modeling the Effects of Nicotine on Exploratory Behavior in Larval Zebrafish (Slovenia)," **F.M. Scalzo (PI)**, 2/1/2018-7/1/2018.
2. Slovenian Research Agency: Bilateral Research Program "Teratological and Behavioral Effects of Selected Endocrine Disruptors" L. Peterlin-Masic (PI) and **F.M. Scalzo (Co-I)**, 6/1/2017 – 5/31/2018.
3. National Science Foundation Workshop Participant and Implementer on CCLI Level II Dissemination Project #0311117. Consider, read, elucidate hypotheses, analyze and interpret the data, and think of the next experiment (CREATE). S.G. Hoskins and L.M. Steven (Co-PIs), 8/1/07 – 6/30/08, \$5,000.
4. National Institute on Drug Abuse (NIDA) Training Grant #T32-DA07260, "Interdisciplinary Drug-Abuse Training for Health Sciences," D. E. McMillan (Principal Investigator), 7/15/94 - 6/30/99, \$470,961 (direct costs), **F.M. Scalzo (Co-Investigator)**.
5. NIDA Grant #1-R01-DA-08240-01A1, "Neonatal PCP Exposure: Residual Operant & Motor Effects" **F.M. Scalzo (PI)**, 2/15/94-1/31/98 (includes 1 yr no cost extension), \$316,901 (direct costs).

6. NIDA grant #1-R29-DA06319-01A1 (FIRST Award), "Cocaine & PCP – Neonatal Cardiovascular/Behavioral Effects," **F.M. Scalzo (PI)**, 7/1/90-7/31/96 (includes 1 yr no cost extension), \$349,736 (direct costs).
7. J.W. Fulbright Scholarship Program and Council for International Exchange of Scholars, "Lecturing/Research in Psychopharmacology (Slovenia)," **F.M. Scalzo (PI)**, 10/1/95-1/31/96.
8. NIDA Grant #1-R01-DA07948-01, "Neuroendocrine Control & Sex Steroid Metabolism," T.M. Badger (PI), 7/1/92-6/30/95, \$432,828 (direct costs), **F.M. Scalzo (collaborator)**.
9. American Heart Association, Arkansas Affiliate, Inc. "Mechanisms of Cardiovascular Responses to Feeding in Newborns," **F.M. Scalzo (PI)**, 8/1/93-7/31/95, \$52,384 (direct costs).
10. March of Dimes Birth Defects Foundation, Grant #4-FY93-1032, Neurobehavioral Teratology Society Annual Meeting, 1993, \$1,500.
11. NIDA Grant #DA-06319 (supplement), Research Supplement for Minority Undergraduate Students, **F.M. Scalzo (PI)**, 1/15/92, \$8,000.
12. National Academy of Sciences, Soviet and East European Exchange Program (Slovenia) "Pharmacokinetic Modeling in Piglets", **F.M. Scalzo (PI)**, 9/1/91, \$7,000.
13. NIDA Grant #1-R13-DA05908-01, "Conference on Methods in Behavioral Toxicology and Teratology", L.G. Cockerham (PI), NCTR Associated Universities, 1988, \$20,000, **F.M. Scalzo (Co-Investigator)**.

GRANT FUNDING (Intramural)

1. Movement Patterns of Larval Zebrafish in Complex Environments Expansion of Behavioral Observation. Bard College Research Fund Award, **F.M. Scalzo, PI**, 2017-2018 (\$6,500).
2. Bard College Summer Research Institute, Samantha Klein, 2017.
3. Effects of NMDA Antagonists on Structural and Functional Development in Zebrafish. Protocol: C-11051, Division of Neurotoxicology, The National Center for Toxicological Research (NCTR). J. Kanungo (PI), **F.M. Scalzo (Co-I)**, S. Ferguson (Co-I), 2011-2012.
4. Bard College Summer Research Institute, Matthew Boisvert, 2009.
5. Expansion of Behavioral Observation Capabilities in Zebrafish: Motion Tracking, Startle Responding and Stress Responsiveness in Larval Zebrafish Bard College Research Fund Award, **F.M. Scalzo, PI**, 2006-2007 (\$3,000).
6. Development of a Zebra Fish (*Danio rerio*) model for Neurobehavioral Teratology. Bard College Research Fund Award, **F.M. Scalzo, PI**, 2002-2003 (\$13,655).
7. Summer Student Research Award, Bard College, 2001, Triona Hart
8. Technology Innovation Grant, Bard College, 2000, Kate Mullen (PI); **F.M. Scalzo, Co-I**.

9. Classroom and Technology Development, Bard College, 2000, **F.M. Scalzo, PI**.
10. Medical Student Summer Research Honors Program, 1997, UAMS Department of Pediatrics, \$1,900, **F.M. Scalzo, (PI)**.
11. Medical Student Summer Research Honors Program, 1996, UAMS Department of Pediatrics, \$1,900, **F.M. Scalzo, (PI)**.
12. Medical Student Summer Research Honors Program, 1995, UAMS Department of Pediatrics, \$1,900, **F.M. Scalzo, (PI)**.
13. University of Arkansas for Medical Sciences, MCPG/CUMG Research Development Fund, "Ontogeny of Reinforcing Effects of Cocaine and Phencyclidine", **F.M. Scalzo, (PI)**, \$18,430, 8/1/93-7/31/94.
14. University of Arkansas for Medical Sciences Medical Research Endowment Fund Grant "Continuous Blood Pressure, Heart Rate and Activity Measurements in Unrestrained Piglets Using Telemetry", **F.M. Scalzo (PI)**, \$7,124, 1/1/91.
15. Experiment 6568, National Center for Toxicological Research (NCTR) – Developmental neurotoxicity of methylenedioxy-methamphetamine (MDMA), V.E.V. St. Omer, PI; **F.M. Scalzo, collaborator**, 1988.
16. Experiment 525, NCTR - Aging and dietary effects on D1 and D2 dopamine receptor binding in the B6C3F1 mouse (**F.M. Scalzo, PI**), 1988.
17. Experiment 6546, NCTR - Cardiovascular response to feeding in the piglet (R. Warren, PI; **F.M. Scalzo, co-investigator**), 1988.
18. Experiment 6536, NCTR - Cardiovascular responses to feeding as a biomarker for cardiovascular and nervous system toxicity in the developing rat (**F.M. Scalzo, PI**), 1988.
19. Experiment 6369, NCTR - Dopamine systems in the brain: The neurochemical and behavioral effects of developmental exposure to agonists or antagonists (R.R. Holson, PI; **F.M. Scalzo, co-investigator**), 1986.

GRANT APPLICATIONS NOT FUNDED (since at Bard College)

1. Neurobehavioral Toxicology in Zebrafish, Bard College Faculty Research Grant, 2008.
2. Neuroscience and the Humanities, J.S. Guggenheim Foundation, 2002.

TEACHING RESPONSIBILITIES

Chronology of Teaching Experience

- 2018 Fulbright Scholar and Visiting Professor, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia. Psychotropic Drugs and Abuse of Medicinal Products (Course Co-Director)
- 2000-present Associate Professor, Psychology Program, Bard College, Annandale-on-Hudson, New York.
- 2001-2002 Faculty, Bard High School Early College (BHSEC), Introduction to Neuroscience
- 1999-2000 Visiting Associate Professor, Psychology Program, Bard College, Annandale-on-Hudson, New York
- 1994-2000 Lecturer, Department of Psychology, Univ. of Arkansas at Little Rock (UALR) Drugs and Behavior (Course Co-Director)
- 1993-2000 Lecturer, Department of Pharmacology and Toxicology, UAMS
- 1990-2000 Lecturer, Department of Pediatrics, UAMS
- Fall 1995 Fulbright Scholar and Visiting Professor, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia. Toxicological Chemistry (Course Director)
- 1986-1987 Instructor, Columbia University, Science Honors Program for Advanced High School Students. Developmental Psychobiology (Course Director)
- Spring 1985 Adjunct Lecturer, State University of New York at Binghamton Drugs and Behavior (Course Director)
- Summer 1983 Instructor, State University of New York at Binghamton Statistical Analysis and Design (Course Director)
- Summer 1982 Instructor, State University of New York at Binghamton Drugs and Behavior (Course Director)
- Summer 1981 Instructor, State University of New York at Binghamton Introduction to Psychology (Course Director)
- 1980-1984 Teaching Assistant, State University of New York at Binghamton Physiological Psych., Stat. Analysis and Design, Introduction to Psychology

*Course Offerings and Enrollments at Bard College (note: 5 courses per year teaching load from Fall 1999-Spring 2014; 4 courses per year teaching load from Fall 2014-present due to a course-release for Health Professions Advisor duties; new course preps are **in bold**)*

Fall 1999 (enrollment)

PSY103C Introduction to Psychology	21
PSY230 Introduction to Neuroscience	25
TOTAL:	46

Spring 2000

PSY230 Introduction to Neuroscience	22
PSY285 Neuroscience in Social Context	8
PSY349 Developmental Neuroscience	4
TOTAL:	34

Fall 2000

PSY103B Introduction to Psychology	24
PSY252 Drugs and Human Behavior	23
PSY345 Recent Dev. Pharm. for M.I.	10
TOTAL:	57

Spring 2001

BIO204 Human Physiology	5
PSY230 Introduction to Neuroscience	18
PSYT300FS Neuroscience Tutorial	5
TOTAL:	28

Fall 2001

PSY103 Introduction to Psychology	21
PSY252 Drugs and Human Behavior	18
PSY347 Brain Mech./Addict. Behav.	8
PSY401FSMC401: Senior Project I	3
PSY402FSMC402: Senior Project II	1
PSYNEU Ind. Research in Neuroscience	7
TOTAL:	58

Spring 2002

BIO204 Human Physiology	4
PSY230 Introduction to Neuroscience	14
PSY402FSMC402: Senior Project II	3
PSYNEU Ind. Research in Neuroscience	8
TOTAL:	29

Fall 2002

PSY103B Introduction to Psychology	20
PSY285 Neuroscience in Social Context	14
PSY401FSMC401: Senior Project I	3
PSYNEU Ind. Research in Neuroscience	4
TOTAL:	41

Spring 2003

BIO204 General Physiology	6
PSY230 Introduction to Neuroscience	14
PSY402FSMC402: Senior Project II	3
PSYNEU Ind. Research in Neuroscience	4
TOTAL:	27

Fall 2003

PSY103A Introduction to Psychology	23
PSY252 Drugs and Human Behavior	15
PSY391 Psychobiology/Stress/M.I.	12
PSY401FSMC401: Senior Project I	1
PSYNEU Ind. Research in Neuroscience	6
PSYT400FSAdvanced ASL	1
TOTAL:	58

Spring 2004

PSY103 Introduction to Psychology	17
PSY230 Introduction to Neuroscience	17
PSY401FSMC401: Senior Project I	1
PSY402FSMC402: Senior Project II	1
PSYNEU Ind. Research in Neuroscience	9
TOTAL:	45

Fall 2004

PSY103A Introduction to Psychology	21
PSY230 Introduction to Neuroscience	14
PSY401FSMC401: Senior Project I	2
PSYNEU Ind. Research in Neuroscience	12
TOTAL:	49

Spring 2005 (Sabbatical)

PSY401FSMC401: Senior Project I	1
PSY402FSMC402: Senior Project II	1
TOTAL:	2

Fall 2005

PSY103A Introduction to Psychology	21
PSY230 Introduction to Neuroscience	19
PSY401FSMC401: Senior Project I	1
PSY402FSMC402: Senior Project II	1
PSYNEU Ind. Research in Neuroscience	5
TOTAL:	47

Spring 2006

PSY103A Introduction to Psychology	22
PSY252 Drugs and Human Behavior	26
PSY266 Mind, Brain & Religious Experien.	23 (Team Taught with Prof. Paul Murray)
PSY402FSMC402: Senior Project II	3
PSYNEU Ind. Research in Neuroscience	12
TOTAL:	86

Fall 2006

BIOINDFS Independent Study	1
PSY103A Introduction to Psychology	20
PSY230 Introduction to Neuroscience	23
PSY401 FSMC401: Senior Project I	2
PSYNEU Ind. Research in Neuroscience	6
TOTAL:	52

Spring 2007

PSY349 Developmental Neuroscience	13
PSY402FSMC402: Senior Project II	4
PSYNEU Ind. Research in Neuroscience	7
TOTAL:	24

Fall 2007

PSY230 Introduction to Neuroscience	25
PSY266 Mind, Brain & Religious Experien.	21 (Team Taught with Prof. Paul Murray)
PSY401FSMC401: Senior Project I	2
PSYNEU Ind. Research in Neuroscience	6
TOTAL:	54

Spring 2008

PSY252 Drugs and Human Behavior	16
PSY391 Psychobiology/Stress/Mental Ill.	15
PSY402FSMC402: Senior Project II	2
PSYNEU Ind. Research in Neuroscience	6
TOTAL:	39

Fall 2008

PSY103A Introduction to Psychology	20
PSY103C Introduction to Psychology	17
PSY401FSMC401: Senior Project I	4
PSYNEU Ind. Research in Neuroscience	8
TOTAL:	49

Spring 2009

PSY230 Neuroscience	26
PSY347 Brain Mech./Addict. Behav.	7
PSY402FSMC402: Senior Project II	3
PSYNEU Ind. Research: Neuroscience	6
TOTAL:	42

Fall 2009

PSY103A Introduction to Psychology	26
PSY252 Drugs and Human Behavior	22
PSY401FSMC401: Senior Project I	3
PSYNEU Ind. Research in Neuroscience	3
TOTAL:	54

Spring 2010

PSY103 Introduction to Psychology	41
PSY391 Psychobiology/Stress/Mental Ill.	8
PSY402FSMC402: Senior Project II	3
PSYNEU Neuroscience: Adv. Methodology	8
TOTAL:	60

Fall 2010

PSY103A Introduction to Psychological Sci.	40
PSY230 Neuroscience	24
PSY401FSMC401: Senior Project I	1
PSYNEU Neuroscience: Adv. Methodology	5
TOTAL:	70

Spring 2011

PSY252 Drugs & Human Behavior	24
PSY345 Recent Devel. Pharm. Ther. for M.I.	9
PSY402FSMC402: Senior Project II	1
PSYNEU Neuroscience: Adv. Methodology	5
PSY T350 FS Tutorial: Neuroplasticity	1
TOTAL:	40

Fall 2011 (Sabbatical) TOTAL: 0

Spring 2012

PSY103A Introduction to Psychological Sci.	20
PSY230 Neuroscience	26
PSYNEU Neuroscience: Adv. Methodology	6
PSYT200 Cognitive Basis Tutorial	1
PSY402FSMC402: Senior Project II	4
PSY402FSMC402: Senior Project I	2
TOTAL:	59

Fall 2012

PSY203A&B Statistics for Psychology	35
PSYNEU Neuroscience: Adv. Methodology	8
PSY401FSMC401: Senior Project I	4
TOTAL:	47

Spring 2013

PSY252 Drugs and Human Behavior	23
PSY391 Psychobiology of Stress & M.I.	15
PSY402FSMC402: Senior Project II	4
PSYNEU Neuroscience: Adv. Methodology	8
TOTAL:	50

Fall 2013

PSY231 Neuroscience	23
PSYNEU Neuroscience: Adv. Methodology	7
PSY401FSMC401: Senior Project I	5
TOTAL:	35

Spring 2014

PSY127 Neuroscience of Everyday Life	18
PSY347 Brain Mechanisms/Addict. Behav	7
PSY402FSMC402: Senior Project II	5
PSYNEU Neuroscience: Adv. Methodology	8
TOTAL:	38

Fall 2014 (start of 4 courses per year teaching load due to Health Professions Advisor duties)

PSY203A Statistics for Psychology	28
PSY401FSMC401: Senior Project I	4
PSY401FSMC402: Senior Project II	1
TOTAL:	33

Spring 2015

PSY252 Drugs and Human Behavior	24
PSY345 Recent Dev. In Pharm. for M.I.	4
PSY402FSMC402: Senior Project II	4
TOTAL:	32

Fall 2015

PSY127 Neuroscience of Everyday Life	18
PSY 391 Psychobiology of Stress and MI	13
PSY401FSMC401: Senior Project I	4
TOTAL:	35

Spring 2016 – Sabbatical TOTAL: 0

Fall 2016

PSY 368 Social Neuroscience	11
PSY NEU – Neuroscience: Adv. Meth.	4
PSY401FSMC401: Senior Project I	4
TOTAL:	19

Spring 2017

PSY237 Drugs and Human Behavior	23
PSY345 Recent Devel. Pharm. Ther. for M.I.	7
PSY402FSMC402: Senior Project II	3
PSY T300 – Tutorial: Zebrafish Behavior	1
TOTAL:	34

Fall 2017

PSY203 Statistics for Psychology	33
PSY402FSMC402: Senior Project I	4
TOTAL:	37

Spring 2018 (Leave of Absence from Bard College for Fulbright Scholarship Activities)

Psychotropic Drugs and the Abuse of Medicinal Compounds 40

TOTAL: 40 (University of Ljubljana)

Student Research Supervision (includes students conducting independent research, senior project work () and taking advanced research methodology classes)*

- 2017 (Fall) Elizabeth Fitzgerald*, Lily Harker*, Vivian Zho*, Kate Hochschader*
2017 (Spring) Veronika Kokorina*, Matthea Rile-Schmidt*, Kaitlyn Mock*, Samantha Klein
2016 (Fall) Molly Bremner*, Veronika Kokorina*, Matthea Rile-Schmidt*, Kaitlyn Mock*, R.J. Konefal, B.K. Xue, Samantha Klein, Matthea Rile-Schmidt
2016 (Spring) Sabbatical
2015 (Fall) Sally Cole*, Alexandra Batzdorf*, Danielle Iserlis*, Zachary Goodman*
2015 (Spring) Sonya Avsyuk*, Brandon Chen*, Colleen Spratt*, Emily-Steiker Epstein*
2014 (Fall) Caitlyn Majewski*, Sonya Avsyuk*, Brandon Chen*, Colleen Spratt*, Emily-Steiker Epstein*
2014 (Spring) Benjamin Greenwald*, Alison Kidd*, Tatiana-Ruth Leibman*, Max Mueller*, Sarah Walser*, Mythili Ananthasayan, Silas Busch, Brandon Chen, Lilly Moll, Siira Rieschl, Colleen Spratt, Andrea Szegegy-Maszak, Griffin Van Horne
2013 (Fall) Benjamin Greenwald*, Alison Kidd*, Tatiana-Ruth Leibman*, Max Mueller*, Sarah Walser*, Sonya Avsyuk, Mythili Ananthasayan, Silas Busch, Brandon Chen, Colleen Spratt, Andrea Szegegy-Maszak, Lindsay Bystroff
2013 (Spring) Adedayo Okubadejo*, Gregory Rudensky*, Alexandra Vance*, Dennis Zhou*, Mythili Ananthasayan, Lindsay Bystroff, Eliana Miller, Steven Reiman, Yash-Victoria Singh, Colleen Spratt, Sophia Sutcleff
2012 (Fall) Adedayo Okubadejo*, Gregory Rudensky*, Alexandra Vance*, Dennis Zhou*, Andrew Campoli, Brandon Chen, Wenjie Chen, Tatiana-Ruth Leibman, Max Muller, Hannah Rosenblum, Megan Smillie, Tanya Sorenson
2012 (Spring) Emily Walsh*, Helen Wicks*, Sara Abramowitz*, Amanda Kaufman*, Adam Lamotte*, William Vitale*, Anna Amelyanchik, Nona Bar-Gora, Eamon Goodman, Gladys Kanodereka, Carlos Ramos, Katherine Sanborn
2011 (Fall) Sabbatical
2011 (Spring) Christina Wright*, Zoe Azulay, Dori Blank, Shellie Ann Dick, Diandra Kalish, Jasper Williams
2010 (Fall) Christina Wright*, Shellie Ann Dick, Lily Dobberteen, Lauren Harris, Sam Shapiro, Weiqing Wang
2010 (Spring) Rita Halpert*, Senia Hardwick*, Emilijana Ulaj*, Adrita Rahman (biology)*, Matthew Boisvert, Robert Kittler, Reagan Mitchell, Demetrious Papademetrious, Jessica Philpott, Elon Ullman, Regina Vaicekonyte, Sarah Ysabel Yates
2009 (Fall) Rita Halpert*, Senia Hardwick*, Emilijana Ulaj*, Adrita Rahman (biology)*, Matthew Boisvert, Gabe Fine, Jessica Philpot
2009 (Spring) Rebecca English*, Vivianne Greenwood*, Philomena Hlinna Mazza-Hilway*, Matthew Boisvert, Nick Chan, Gabe Fine, Maka Geller, Abhimanyu Sheshashayee
2008 (Fall) Rebecca English*, Vivianne Greenwood*, Philomena Hlinna Mazza-Hilway*, Olga Opojevici*, Lydia Bedford, Ioana Botea, Tiffany Gaither, Senia Hardwick, Adam Pogash, Reem Shamsuddoha
2008 (Spring) Sam Light*, Leigh Rich*, Anna Gitlin, May Gordon, Senia Hardwick, Anna Katsman, Rachel Steinhorn, Vi Truong

- 2007 (Fall) Sam Light*, Leigh Rich*, James Alexandris, Chris Chaloux, Anna Gitlin, Emma Hammond-Thoras, Senia Hardwick, Anna Katsman
- 2007 (Spring) A. Melissa Hardy*, Stacy Manor*, Michelle Moses-Eisenstein*, Lauren Stutzbach*, Sam Light, Youngeun Choi, Rebecca English, Vivianne Greenwood, Senia Hardwick, Paul Jordan, Sarah Lichenstein
- 2006 (Fall) A. Melissa Hardy*, Lauren Stutzbach*, Youngeun Choi, Viktoryia Bulat, Rita Halpert, Noah McKenna, Aden Rivera-Dundas, Charlotte Wang, Jie Zhang
- 2006 (Spring) Tim Donovan*, Alyssa Evans*, Jennifer Korthis*, Amanda Allen, Robin Brehm, Viktoryia Bulat, Youngeun Choi, Nevada Griffin, A. Melissa Hardy, Phoebe Katzenbach, Andrew Kemp, Olga Opojevici, Leigh Rich, Lucy Smith
- 2005 (Fall) Amanda Allen, Owen Conlow, Melissa Hardy, Noah McKenna, Andrew Kemp, Alyssa Evans*, Vanessa Cole*
- 2005 (Spring; FMS on sabbatical) Alyssa Evans*, Brian Jacobs*
- 2004 (Fall) Ruth Barrett, Tim Donovan, Kathlen Eason, Alyssa Evans, Anna Finley, Haley Fraser, Jennifer Fung, Melissa Hardy, Corinne Hoener, Stacy Manor, Lauren Pessin, Prakash Thapa, Brian Jacobs*, Nicholas van der Kolk*
- 2004 (Spring) Ruth Barrett, Emily Diaz, Tim Donovan, Mariana Giusti, Tatiana Gurbich, Corinne Hoener, Brian Jacobs*, Peter Milano, Nick van der Kolk*, Vanessa Cole*, Anna Sapozhnikova*
- 2003 (Fall) Tim Donovan, Tenzin Tekan, Andrew Lyman-Clarke, Peter Milano, Peter Rowland, Nick van der Kolk, Anna Sapozhnikova*
- 2003 (Spring) Geoffrey Allott*, Anna Sapoznikova, Betina Hajagos, Amanda Baker, Benjamin King*, Christopher Sigstad*
- 2002 (Fall) Ben King*, Geoffrey Allott*, Anna Sapoznikova, Chris Sigstad*, Kristina Alden, Betina Hajagos, Kimberly Villiers
- 2002 (Spring) Ben King, Geoffrey Allott, Anna Sapoznikova, Chris Sigstad, Triona Hart*, Michal Marszal, Keelin Roche, Lauren Fisher*, Erika Cedergren*
- 2001 (Fall) Caroline Belin, Ben King, Daria Solovieve, Geoffrey Allott, Anna Sapoznikova, Chris Sigstad, Triona Hart*, Michal Marszal, Alexis Toriello, Charlotte Gibbs*, Lauren Atlas*, Charlotte Bracht*, Lauren Fisher* Erika Cedergren*
- 2001 Bard College Summer Independent Study – Triona Hart
- 2000 (Spring) Lauren Willis* (biology)
- 1999 Bard College Independent Study – Shonali Choudhury
- 1998 UAMS Medical Student Honors Program - Cheryl Holland
UALR Independent Study - Cheryl Hurt, Stephanie Enzer
- 1997 UAMS Medical Student Honors Program - Cheryl Holland
UALR Independent Study - Jennifer Prather
UAMS Summer Student Work/Study Program - Jennifer Prather
- 1996 UALR Independent Study - Jan Alexander, Pat Capps
UAMS Summer Student Work/Study Program - Kimberly Smitherman
- 1995 UALR Independent Study - Jason Jordan, Debbie Simon, Jesse Gray
UAMS Summer Student Work/Study Program - Schuyler Jones, Vaishali Vyas
UAMS/NIH Apprenticeship Program for Minority Students - Reesa Robinson
- 1994 UAMS/NIH Apprenticeship Program for Minority Students - Jimmy Conklin
EPSCOR Summer Research Program for College Students - Kriscia Padilla
- 1993 UAMS/NIH Apprenticeship for Minority Students - Sonja Martin, Chassity Woodruff
UAMS Summer Medical Student Work/Study Program - Brad Jenkins
- 1992 UAMS/NIH Apprenticeship Program for Minority Students - Sonja Martin
- 1991 NIDA Minority Research Supplement - Roslyn Middleton
UAMS/NIH Apprenticeship Program for Minority Students - Alvin Terry, III

Student Advising (numbers of students advised at Bard College)

	Spring	Fall
2018	0	
2017	15	14
2016	14	20
2015	17	16
2014	21	18
2013	22	24
2012	24	20
2011	20	26
2010	19	19
2009	19	20
2008	13	19
2007	10	15
2006	12	11
2005	11	14
2004	10	12
2003	14	10
2002	14	14
2001	9	10
2000	5	10

EVIDENCE OF PROFESSIONAL RECOGNITION

Editorial Board Assignments

Editorial Board - Neurotoxicology and Teratology, 1996-98; 2011-2013
Guest Editor - Neurotoxicology and Teratology, Special Issue "Methods in Behavioral Toxicology and Teratology", vol. 12 (5), September/October 1990.

Ad Hoc Reviewer

Acta Pharmaceutica	Neuropsychopharmacology
American Journal of Physiology	Neurotoxicology and Teratology
Brain Research Bulletin	Neurotoxicology
Developmental Psychobiology	Physiology and Behavior
Molecular Neurobiology	Teratology
Thomson Publishing – Biological Psychology 9 th ed.	Psychopharmacology
Sage Publishing	Pearson Education

Professional Memberships

Hudson/Berkshire Chapter of the Society for Neuroscience (2012 – present)
Society for Neuroscience (1984 – present)
Developmental Neurotoxicology Society (1983 – present)
(formerly known as the Neurobehavioral Teratology Society)
Faculty for Undergraduate Neuroscience (2003-2005)
N.E.U.R.O.N. - NorthEast Undergraduate Research on Neuroscience (2001-2004)
International Society for Developmental Psychobiology (1983-1999)

Noteworthy Presentations (39 Invited Presentations)

The use of nicotine as a stimulant in characterizing the exploratory behavior of larval zebrafish in a complex environment. Department of Pharmacy, University of Ljubljana, Ljubljana, Slovenia (May 7, 2016).

The effects of nicotine on larval zebrafish exploratory behavior in a complex environment. Institute for Circadian Clocks, Soochow University, Soochow, China (April 4, 2016).

The effects of nicotine on larval zebrafish cognitive and motor function. Department of Psychology, Soochow University, Soochow, China (March 30, 2016).

Do NMDA Antagonists Cause Malformations in Developing Zebrafish? Presented in a symposium titled “Zebrafish Models for Neurobehavioral Teratology: Opportunities and Challenges” at the Neurobehavioral Teratology Society, 2010.

Neurobehavioral Effects of Stressors in Larval Zebrafish. Neurobehavioral Teratology Society, 2005 (**Symposium co-chair**).

Effects of NMDA System Modulations on Zebrafish Behavior: Implications for Understanding Human Behavior. Bard College Faculty Seminar, February 5, 2003.

NMDA receptor mechanisms and neurobehavioral development in zebrafish. Neurobehavioral Teratology Society, 2003 (**Symposium co-chair**).

Distinguished Scientist Lecture Series Pre-lecture talk “Endocrine Function and Endocrine Disruptors,” Bard College, February 17, 2001.

Distinguished Scientist Lecture Series Pre-lecture talk “Communication Systems in the Central Nervous System,” Bard College, May 12, 2001.

Perinatal Events: Neural Mechanisms Linking Early Experience and Future Pathologies. Psychology Club, Bard College, Annandale, N.Y., November 17, 1999.

Developmental Phencyclidine Exposure: Locomotor and Sensorimotor Effects. Excitatory Amino Acids Meeting - 10th Anniversary, Manaus, Brazil, November 19, 1998.

Methods in Neurobehavioral Toxicology. Department of Pharmaceutical Sciences, University of Arkansas for Medical Sciences, Little Rock, Arkansas, February 7, 1997.

The Role of NMDA Systems in the Developmental Neurobehavioral Toxicity of Phencyclidine. XXth Collegium Internationale Neuro-Psychopharmacologicum, Melbourne, June 24, 1996 (**Symposium Co-chair** with Dr. Vincenzo Cuomo).

Pharmacokinetics of Phencyclidine and Cocaine in Neonatal Piglets. 9th International Conference on Mechanisms in Medicine and Biology, Ljubljana, Slovenia, July 1, 1996.

The Case of the Frozen Addict - A Parkinson’s Disease Model. Slovene Pharmaceutical Society, Ljubljana, Slovenia. January 23, 1996.

Use of Telemetry for Continuous Physiological Measurements in Piglets. Faculty of Electrical

and Computer Engineering, University of Ljubljana, Ljubljana, Slovenia. January 10, 1996.

Patterns of Drug Use in America and Slovenia: Social and Behavioral Implications, American Center and Slovene Fulbright Alumni Society, Ljubljana, Slovenia. December 8, 1995.

Methods in Neurobehavioral Teratology. Department of Pharmacy, University of Ljubljana, Ljubljana, Slovenia. December 10, 1995.

Neurobehavioral Toxicity of Developmental Phencyclidine Exposure: Role of NMDA Systems. Department of Pharmacology, University of Bari Medical School, Bari, Italy. December 4, 1995.

Developmental Neurobehavioral Toxicity of Phencyclidine: The Role of NMDA Systems, Hungarian Academy of Sciences, Pecs, Hungary. November 10, 1995.

Methods in Neurobehavioral Teratology. Graduate Seminar, Institute of Pharmacology, University of Pecs, Pecs, Hungary. November 9, 1995.

Developmental Phencyclidine Exposure: An *In Vivo* Model of NMDA-Mediated Neurotoxicity, Slovene Pharmaceutical Society, Bled, Slovenia. October 20, 1995.

The Role of NMDA Systems in Neurobehavioral Toxicity of Phencyclidine. College of Pharmacy, University of Kentucky, Lexington, KY. August 9, 1995.

The Role of NMDA Systems in the Developmental Neurotoxicity of PCP. Department of Pharmacology, Loyola University, Stritch School of Medicine, Chicago, June 5, 1995.

The Role of NMDA Systems in the Developmental Neurotoxicity of PCP. Department of Pharmacy, University of Ljubljana, Ljubljana, Slovenia, May 11, 1995.

The Role of NMDA Systems in the Developmental Neurotoxicity of PCP. International Conference on Drugs of Abuse, Funchal, Portugal, April 29, 1995 (**Session Organizer and Chair**).

Use of the Neonatal Piglet to Model Infant Cardiovascular Responses to Feeding, Department of Pediatrics, UAMS, Little Rock, October 14, 1994.

Telemetry Monitoring in Piglets, Arkansas AALAS meeting, Little Rock, October 13, 1994.

Telemetry Monitoring of Cardiovascular Function in Piglets. Department of Physiology-Biophysics, UAMS, Little Rock, September 23, 1994.

Cardiovascular and Behavioral Effects of Cocaine in Piglets. National Institute on Drug Abuse Technical Review "Biological Mechanisms and Perinatal Exposure to Abused Drugs", Washington, D.C., May 25, 1994.

A System for Collecting Blood Pressure, ECG, Heart Rate, Body Temperature and Locomotor Activity in Newborn Piglets. Data Sciences Tutorial on Biotelemetry, FASEB, Anaheim, CA, April 26, 1994.

Ontogeny of the Behavioral Effects of Phencyclidine. Department of Pharmacology and Toxicology, UAMS, Little Rock, Arkansas, October 6, 1993.

Behavioral Effects of MK-801 During Development. International Neurotoxicology Conference, Little Rock, Arkansas, September 30, 1993.

Cardiovascular Responses to Feeding in Piglets. Department of Psychology and Center for Developmental Psychobiology, State University of New York at Binghamton, August 18, 1993.

Cardiovascular Responses to Feeding in Newborn Rats and Piglets. Department of Psychology, Oklahoma State University, Norman, OK, February 7, 1992.

Cardiovascular Responses to Feeding and Acute Cocaine or Phencyclidine Exposure in Newborn Rats and Pigs. Pediatric Research Conference. Department of Pediatrics, Arkansas Children's Hospital, Little Rock, Arkansas, October 1, 1990.

Neurobehavioral Effects of Prenatal Haloperidol Exposure. School of Pharmacy, University of Ljubljana, Ljubljana, Slovenia, Yugoslavia, August 8, 1990.

Neurobehavioral Effects of Prenatal Methylenedioxy-methamphetamine (MDMA) in Rats. Behavioural Pathophysiology Section, Istituto Superiore di Sanita, Rome, Italy. July 18, 1990.

Neurobehavioral Effects of Prenatal Haloperidol Exposure. Symposium IV: Functional Teratology of Dopamine Systems, Neurobehavioral Teratology Society, Richmond, Virginia. June 6, 1989.

ADMINISTRATIVE AND SERVICE RESPONSIBILITIES

Bard College Health Professions Adviser 2014-present

Bard College Senate 2016-2017

Bard College Planning and Appointments (PAC) Committee – 2016-2017

Bard College Psychology Club Faculty Advisor Spring 2017

Board Member, Eastern New York Chapter Fulbright Association 2009-2016

Council Member, Neurobehavioral Teratology Society 2013-2015

Bard College Faculty Evaluation and Review Committee (FERC) 2013-2015

Publications Committee, Neurotoxicology and Teratology 2011-2013

Bard College Psychology Program Director 2003 - 2013

Bard College Search Committee (chair) 2010 – 2 yr. Visiting Position, Psychology

Bard College Search Committee 2010 - Economics

Bard College Search Committee (chair) 2008 - Clinical Psychology

Bard College Search Committee (chair) 2007 - Social Psychology

Bard College Search Committee (chair) 2006 - Developmental Psychology

Bard College Search Committee (chair) 2005 - Cognitive Psychology

Bard College Senate 2006 - 2008

Bard College Curriculum Committee 2005 - 2008

Bard College Research Fund (chair) 2004 – 2005

Bard College Information Resource Council 2001 - 2003

Bard College Computer Committee 2001 - 2003

Psychology Program Interim Co-chair, 2001 - 2002

Tenure and Promotion Committee, Department of Pediatrics,

University of Arkansas for Medical Sciences (UAMS), 1996 - 2000

Institutional Animal Care and Use Committee, UAMS, 1996 - 2000

Medical School Admissions Interviewer, UAMS, 1995- 2000

Animal Committee, Arkansas Children's Hospital Research Institute, 1994 - 2000
Center for Alcohol and Drug Abuse Studies Faculty Member, UAMS, 1994 - 2000
Independent Study Program, Department of Psychology, UALR, 1994 - 2000
Student Presentation Judge, Arkansas Chapter of the Society for Neuroscience, 1994 and 1997
Council Member, Neurobehavioral Teratology Society, 1996-1998
Publications Committee, Neurotoxicology and Teratology, 1996-1998
President, Arkansas Chapter of the Society for Neuroscience, 1996-1997
Research Council, Arkansas Children's Hospital Research Institute, 1994 - 1997
Fulbright Institute 50th Anniversary Symposium, Panel Member, 1996
Diploma Advisor, Istok Grabnar, Department of Pharmacy, University of Ljubljana, 1995
Dissertation Reviewer, Department of Toxicology, University of Bombay, 1995
Arkansas School for Mathematics and Sciences, Panel Member, 1995
Finance Committee, Neurobehavioral Teratology Society, 1991-1994 (Chairman 1992-1993)
Interdisciplinary Neuroscience Graduate Program Committee, UAMS, 1994
Society for Neuroscience, Arkansas Chapter - Committee for "Decade of the Brain" presentation, Washington, D.C., 1993
Conference Co-Organizer "Conference on Methods in Behavioral Toxicology and Teratology", October 4-6, 1989, Little Rock, Arkansas
Psychology Graduate Student Association Vice-President, SUNY Binghamton, 1982-1983

BIBLIOGRAPHY

Peer Reviewed Publications (* - indicates student author)

Chen* B. and **Scalzo, F.M.** Activation of Distinct Exploratory Patterns by Nicotine in Larval Zebrafish in a Complex Environment, submitted.

Swain* H.A., Sigstad*, C. and **Scalzo, F.M.** Effects of dizocilpine (MK-801) on circling behavior, swimming activity and place preference in zebrafish. Neurotoxicology and Teratology, 26: 725-729, 2004.

Scalzo, F.M. and Levin, E.D. The use of zebrafish as a model system in neurobehavioral toxicology. Neurotoxicology and Teratology, 26: 707-708, 2004.

Scalzo, F.M. Locomotor effects of developmental phencyclidine exposure. In: Excitatory Amino Acids: Ten Years Later, L. Turski, D.D. Schoepp and E.A. Cavalheiro (Eds.), IOS Press: Amsterdam, 2001.

Bhutta*, A.T., Rovnaghi, C., Simpson, P., Gossett, J.M., **Scalzo, F.M.** and Anand, K.J.S. Interactions of inflammatory pain and morphine in infant rats: Long-term behavioral effects. Physiology and Behavior, 73:51-58, 2001.

Anand, K.J.S. and **Scalzo, F.M.** Can adverse neonatal experiences alter brain development and subsequent behavior? Biology of the Neonate, 77:69-82, 2000.

Holson, R. R., Adams, J., Ferguson, S.A. and **Scalzo, F.M.** Retinoic acid exposure on gestational days 11-13 impairs swallowing in rat offspring. Neurotoxicology and Teratology 22:541-545, 2000.

Stewart*, C., **Scalzo, F.M.**, Valentine, J., Duhart, H.M., Holson, R.R., Ali, S.F. and Slikker, Jr., W. Gestational exposure to cocaine or pharmacologically related compounds: effects on behavior and striatal dopamine receptors. Life Sciences, 63:2015-22, 1998.

Karba, R., Skrjanc, I., Belic*, A., Atanasijevic-Kunc, M., Grabnar*, I., Mrhar, A., **Scalzo F.M.** Studying pharmacokinetics with partly fuzzified compartment models. Proceedings of the Third IFAC Symposium AI in Real-Time Control, 1997.

Karba, R., **Scalzo F.M.**, Primožic, S., Belic*, A., Grabnar*, I., Mrhar, A. Modelling of phencyclidine and cocaine pharmacokinetics in neonatal piglets. Proceedings of the Third IFAC Symposium Modeling and Control in Biomedical Systems, 1997.

Scalzo, F.M. and Burge, L.J. Cardiovascular effects of cocaine in piglets. NIDA Monograph, "Biological Mechanisms of the Effects of Perinatal Drug Exposure", 1996.

Bates, S.R. and **Scalzo, F.M.** Drugs, neurotoxicants and the developing human nervous system in The Pathology of the Developing Human Nervous System, S. Duckett (ed), Lee & Febiger, Malvern, PA, 1995.

Scalzo, F.M. and Burge, L.J. The role of NMDA and sigma systems in the behavioral effects of phencyclidine in rats during development. Neurotoxicology, 15: 191-200, 1994.

Scalzo, F.M., Ali, S.F., Holson, R.R. and Williams*, R.L. Haloperidol effects on the developing dopamine system: Conflicting results and implications for neurobehavioral teratology research. Annali dell'Istituto Superiore di Sanita, 29:139-146, 1993.

Scalzo, F.M., Primožic, S., Burge, L.J. Badger, T.M., Creer, M.H., Nehus, C., and Karba, R. Effects of labetalol on cocaine pharmacokinetics of cocaine in neonatal piglets. Journal of Dev Pharmacology and Therapeutics, 20, 54-62, 1993.

Scalzo, F.M. and Burge, L.J. The ontogeny of phencyclidine-induced wall climbing behavior. Developmental Psychobiology, 25:597-612, 1992.

Williams*, R.L., Ali, S.F., **Scalzo, F.M.**, Soliman, K. and Holson, R.R. Prenatal haloperidol exposure: Effects on brain weights and caudate neurotransmitter levels in rats. Brain Research Bulletin, 29, 449-458, 1992.

Scalzo, F.M. Cardiovascular responses to feeding in the domestic piglet. Pediatric Research, 32:33-38, 1992.

Scalzo, F.M. and Holson, R.R. The ontogeny of behavioral sensitization to phencyclidine, Neurotoxicology and Teratology, 14:7-14, 1992.

Scalzo, F.M. Prolonged dietary restriction and its effects on dopaminergic systems of the brain. In: The Vulnerable Brain: Nutrition and Toxins, R.L. Isaacson and K. F. Jensen (eds), Plenum Publishing Corporation, New York, pp 45-66, 1992.

Holson, R.R., Duffy, P., Ali, S.F. and **Scalzo, F.M.** Aging, dietary restriction and glucocorticoids: A critical review of the "Glucocorticoid Hypothesis". In: The Biological Effects of Dietary Restriction, L. Fishbein (ed), International Life Sciences Institute, Washington, D.C., 1991.

Scalzo, F.M. and Myers, M.M. Pharmacological blockade of blood pressure and heart rate increases following milk ingestion in 15 day old SHR and WKY rat pups, Physiology and Behavior, 50:525-531, 1991.

St. Omer, V.E.V., Ali, S.F., Holson, R.R., **Scalzo, F.M.** and Slikker, Jr., W. Behavioral and Neurochemical effects of prenatal methylene-dioxymethamphetamine (MDMA) in rats, Neurotoxicology and Teratology, 13(1):13-20, 1991.

Scalzo, F.M., Ali, S.F., Frambes*, N.A. and Spear, L.P. Weanling rats exposed prenatally to cocaine exhibit an increase in striatal D2 binding associated with an increase in ligand affinity. Pharmacology Biochemistry and Behavior, 37:371-373, 1990.

Kolta, M.G., **Scalzo, F.M.**, Ali, S.F. and Holson, R.R. The ontogeny of the enhanced behavioral response to amphetamine in amphetamine-pretreated rats, Psychopharmacology, 100:377-382, 1990.

Slikker, Jr., W., Holson, R.R., Ali, S.F., Kolta, M.G., Paule, M.G., Scallet, A.C., McMillan, D.E., Bailey, J.R., Hong, J.S. and **Scalzo, F.M.** Neurochemical and behavioral effects of orally administered MDMA: comparison of the rodent and nonhuman primate, Neurotoxicology, 10:529-542, 1989.

Scalzo, F.M., Newport, G.D., Gough, B.J., Ali, S.F. and Holson, R.R. Chronic prenatal haloperidol exposure: lack of effect on presynaptic dopamine autoreceptors, Neurotoxicology, 10:485-490, 1989.

Scalzo, F.M., Holson, R.R., Gough, B.J., and Ali, S.F. Neurochemical effects of prenatal haloperidol exposure, Pharmacology Biochemistry and Behavior, 34:721-25, 1989.

Scalzo, F.M., Ali, S.F. and Holson, R.R. Behavioral effects of prenatal haloperidol exposure, Pharmacology Biochemistry and Behavior, 34:727-731, 1989.

Myers, M.M. and **Scalzo, F.M.** Blood pressure and heart rate responses of SHR and WKY rat pups during feeding. Physiology and Behavior, 44:75-83, 1988.

Spear, L.P. and **Scalzo, F.M.** Behavioral, psychopharmacological and neurochemical effects of chronic neuroleptic treatment during development. In: Handbook of Behavioral Teratology, E.P. Riley and C.V. Vorhees (Eds.), Plenum Press, New York, 1986.

Scalzo, F.M. and Spear, L.P. Chronic haloperidol during development attenuates dopamine autoreceptor function in striatal and mesolimbic brain regions of young and older adult rats. Psychopharmacology, 85:271-276, 1985.

Emerich*, D.F., **Scalzo, F.M.**, Enters, E.K., Spear, N.E. and Spear, L.P. Effects of 6-hydroxy-dopamine-induced catecholamine depletion on shock - precipitated wall climbing in infant rat pups. Developmental Psychobiology, 18:215- 227, 1985.

Spear, L.P. and **Scalzo, F.M.** Ontogenetic alterations in the effects of food and/or maternal deprivation on 5HT, 5HIAA and 5HIAA/5HT ratios. Developmental Brain Research, 18:143-157, 1985.

Other Publications (not peer reviewed)

Scalzo, F.M., Holson, R.R. and Paule, M.G. Introduction: Methods in behavioral toxicology and teratology. Neurotoxicology and Teratology, 12(5):411-412, 1990.

Scalzo, F.M. Locus coeruleus lesions in 3 day-old rat pups: effects on age-specific behaviors and associative ability. Ph.D. Dissertation, State University of New York at Binghamton, 1985.

Scalzo, F.M. The functional ontogeny of dopamine autoreceptors in the nucleus accumbens, olfactory tubercles and striatum in the rat. Master's Thesis, State University of New York at Binghamton, 1982.

Presentations at Meetings of Professional Societies (Selected from 96 abstracts)

Chen*, B. and **Scalzo, F.M.** Activation of distinct exploratory patterns by nicotine in larval zebrafish: evaluation of a novel testing methodology. Society for Neuroscience, 2015.

Chen*, B. and **Scalzo, F.M.** Effects of acute nicotine on larval zebrafish exploratory behavior in a complex environment. Neurobehavioral Teratology Society, 2015.

Scalzo, F.M. & Vitale*, W. MK-801 modulates the effects of the novel mGluR5 agonist, (RS)-2-Chloro-5-hydroxyphenylglycine (CHPG), on larval zebrafish swimming behavior. Society for Neuroscience, 2012.

Scalzo F.M. Do NMDA Antagonists Cause Malformations in Developing Zebrafish? Presentation in symposium titled "Zebrafish Models for Neurobehavioral Teratology: Opportunities and Challenges" at the Neurobehavioral Teratology Society, 2010

Scalzo F.M. and Levine* M., Effects of Dextromethorphan on Zebrafish Larval Development nvironmental modulation of stress peptides in larval zebrafish. Neurobehavioral Teratology Society, 2009.

Scalzo F.M. and Page-McCaw, Environmental modulation of stress peptides in larval zebrafish. P. Neurobehavioral Teratology Society, 2006.

Scalzo, F.M. and Page-McCaw, P Identification and localization of stress peptide neurons in embryonic zebrafish. Society for Neuroscience, 2005.

Scalzo, F.M. Neurobehavioral Effects of Stressors in Larval Zebrafish. Neurobehavioral Teratology Society, 2005.

Scalzo, F.M., Sigstad*, C. and Swain*, H.C. Effects of acute and repeated exposure to the noncompetitive NMDA antagonist MK-801 on swimming behavior in zebrafish (*Danio rerio*). Society for Neuroscience, 2003.

Scalzo, F.M. NMDA receptor mechanisms and neurobehavioral development in zebrafish. Neurobehavioral Teratology Society, 2003 (symposium co-chair).

Scalzo, F.M. and Swain*, H.C. Effects of MK-801 on zebrafish (*Danio rerio*) activity and T-maze performance. Society for Neuroscience, 2002.

Scalzo, F.M. and Swain*, H.C. Effects of MK-801 on T-maze performance in Zebrafish (*Danio rerio*). Neurobehavioral Teratology Society, 2002.

Scalzo, F.M. Rovnaghi, C., Bhutta*, A.T. and Anand, K.J.S. Neonatal morphine and inflammatory pain interactions: Long-term behavioral effects. Neurobehavioral Teratology Society, 2001.

Scalzo, F.M. Rovnaghi, C., Bhutta*, A.T. and Anand, K.J.S. Neonatal inflammatory pain and morphine interactions: Long-term behavioral effects. Society for Neuroscience, 2000.

Newton, B.W., Rovnaghi, C., Golzar, Y., **Scalzo, F.M.** and Anand, K.J.S. Supraspinal fos expression in neonatal rat pups following graded inflammatory pain. Society for Neuroscience, 1999.

Scalzo, F.M. Developmental phencyclidine exposure: sensorimotor and locomotor effects, Society for Neuroscience, 1998.

Holson, R.R., **Scalzo, F.M.**, Ferguson, S.A. Gestational stage-specific behavioral effects of retinoic acid exposure in the rat, Society for Neuroscience, 1998.

Scalzo, F.M. Developmental phencyclidine exposure: sensorimotor and locomotor effects, International Society for Developmental Psychobiology, 1998.

Badger, T.M., **Scalzo, F.M.**, Ronis, M.R. Fetal Alcohol Exposure: Neuroendocrine and behavioral effects, 60th Meeting of the College on Problems of Drug Dependence, 1998.

Scalzo, F.M. Developmental phencyclidine exposure: sensorimotor effects, Neurobehavioral Teratology Society, 1998.

Holland*, C. Bryant, J., **Scalzo, F.**, Seibert, J., McGehee, R.E. and Lyle, R.E. Serum leptin does not predict total body fat in the very low birthweight infant. UAMS Student Research Symposium, 1998.

Scalzo, F.M. Developmental PCP Exposure: Sensorimotor Effects, Glutamate Cascade Meeting, 1998.

Holland*, C. Bryant, J., **Scalzo, F.**, Seibert, J., McGehee, R.E. and Lyle, R.E. Serum leptin does not predict total body fat in the very low birthweight infant. Southern Society for Pediatric Research, 1998.

Scalzo, F.M. Residual motor effects of subchronic PCP and MK-801 in adult rats, Society for Neuroscience, 1997.

Karba, R., Skrjanc, I., Belic*, A., Atanasijevic-Kunc, M., Grabnar*, I., Mrhar, A., **Scalzo F.M.** Studying pharmacokinetics with partly fuzzified compartment models. Third IFAC Symposium AI in Real-Time Control, 1997.

Karba, R., **Scalzo F.M.**, Primožic, S., Belic*, A., Grabnar*, I., Mrhar, A. Modelling of phencyclidine and cocaine pharmacokinetics in neonatal piglets. Proceedings of the Third IFAC Symposium Modelling and Control in Biomedical Systems, 1997.

Scalzo, F.M. Developmental PCP exposure produces long-lasting decreased locomotor responses to PCP and MK-801, Neurobehavioral Teratology Society, 1997.

Scalzo, F.M. Developmental PCP exposure produces long-lasting decreased locomotor

responses to PCP and MK-801, 59th Meeting of the College on Problems of Drug Dependence, 1997.

Scalzo, F.M. Developmental PCP Exposure Produces Decreased Locomotor Responses to PCP and MK-801, Society for Neuroscience, 1996.

Primozic, S., Mrhar, A., Valentine, J., Karba, R., Grabnar*, I., Burge, L.J., Badger, T.M., Creer, M.H., Nehus, C. and **Scalzo, F.M.** Pharmacokinetics of Phencyclidine and Cocaine in Neonatal Piglets, Society for Neuroscience, 1996.

Scalzo, F.M. Effects of Developmental Phencyclidine Exposure on Auditory Startle and Locomotor Activity, XXth Collegium Internationale Neuro-Psychopharmacologicum, 1996.

Scalzo, F.M. and Burge, L.J. Effects of Neonatal Phencyclidine Exposure on Motor Control and Gait in Rats. 9th International Conference on Mechanics in Medicine and Biology, 1996.

Scalzo, F.M., Primozic, S., Valentine, J., Karba, R., Grabnar*, I., Burge, L.J., Badger, T.M., Creer, H.M., Nehus, C. and Mrhar, A. Pharmacokinetics of Phencyclidine and Cocaine in Neonatal Piglets. Pharmacokinetics/Pharmacodynamics in the Developing System and Impact on Risk Assessment, 1996.

Primozic, S., **Scalzo, F.M.**, Karba, R. Pharmacokinetic Modeling of Phencyclidine Pharmacokinetics in a Neonatal Animal model. International Pharmaceutical Federation, 1995.

Scalzo, F.M., Racey, F. And Ali, S.F. Developmental Effects of Phencyclidine and MK-801 on Monoamines and Locomotor Activity in Rats, Neurobehavioral Teratology Society, 1995.

Scalzo, F.M., Racey, F. And Ali, S.F. Developmental Effects of NMDA Antagonists on Monoamines and Locomotor Activity in Rats, International Conference on Behavioral Neuroscience, 1995.

Scalzo, F.M. and L.J. Burge. Cardiovascular Effects of Cocaine in Piglets. Society for Neuroscience, 1994.

Scalzo, F.M. and Burge, L.J. Effects of Adrenergic Blockade on Cardiovascular Responses to Feeding in Juvenile SHR and WKY rats. International Society for Developmental Psychobiology, 1994.

Scalzo, F.M., Burge L.J., Valentine, J, Karba, R., and Primozic S., Phencyclidine Pharmacokinetics in Neonatal Piglets, 56th Meeting of the College on Problems of Drug Dependence, 1994.

Scalzo, F.M. and Burge, L.J. Role of NMDA Systems in the Ontogeny of the Behavioral Response to Phencyclidine. International Neurotoxicology Conference, 1993.

Scalzo, F.M., Watson, J., Moore, G.T., DeBrie, K. and Szabo, J. Patterns of Heart Rate Regulation in Infants: Applicability of Nonlinear Analyses. International Society for Developmental Psychobiology, 1993.

Scalzo, F.M. and Burge, L.J. Cardiovascular Effects of Cocaine in Prewanling and Weanling Rats. Society for Neuroscience, 1993.

Scalzo, F.M. and Burge, L.J. Contribution of NMDA and sigma sites in the ontogeny of the behavioral response to phencyclidine. International Behavioral Neuroscience Society, 1993.

Primožic, S., **Scalzo, F.M.**, Badger, T.M., and Karba, R. Modelling of cocaine pharmacokinetics in neonatal piglets. IMACS Second International Symposium on Mathematical and Intelligent Models in System Simulation, 1993.

Scalzo, F.M., Primožic, S., Burge, L.J. Badger, T.M., Nehus, C. and Mrhar, A. Pharmacokinetics of cocaine in neonatal piglets. Fifth European Congress of Biopharmaceutics and Pharmacokinetics, 1993.

Scalzo, F. M. and Burge, L.J. NMDA receptor blockade and the behavioral effects of PCP during development. Society of Toxicology, The Toxicologist, 13:251, 1993.

Stewart*, C., **Scalzo, F.M.**, Valentine, J., Duhart, H.M., Holson, R.R., Ali, S.F. and Slikker, Jr., W. Mechanisms of postnatal alterations from gestational cocaine exposure. Society of Toxicology, The Toxicologist, 13:212, 1993.

Scalzo, F.M. and Moore, G.T. Continuous cardiovascular, activity, and temperature monitoring in neonatal piglets. Southern Society for Pediatric Research, Clinical Research, 40:864A, 1992.

Scalzo, F.M. and Moore, G.T. Cardiovascular, activity and temperature monitoring in neonatal piglets using radio-telemetry. VII Congress of the Federation of Asia-Oceania Perinatal Societies, 1992.

Badger, T.M., Irby, D., Mercado, C., Shahare, M., Huang, J., Ronis, M., Crouch, J., **Scalzo, F.M.** and Thomas, P. Effects of chronic cocaine on the hepatic monooxygenase (HMO) system: CYP 2C11, FASEB, 1992.

Scalzo, F.M. and Burge, L.J. Behavioral effects of MK-801 during development. Neurobehavioral Teratology Society, 1992.

Scalzo, F.M., Valentine, J. and Taylor, B. Hemodynamic effects of acute cocaine exposure in conscious lambs. Society for Neuroscience, 1991.

Scalzo, F.M. and Holson, R.R. The ontogeny of behavioral sensitization to phencyclidine (PCP). Third International Brain Research Organization World Congress of Neuroscience, 1991.

Scalzo, F.M., Ali, S.F., Williams, R.L. and Holson, R.R. The window of haloperidol vulnerability in the dopamine system: conflicting reports and implications for neurobehavioral teratology research. Neurobehavioral Teratology Society, 1991.

Scalzo, F.M. and Holson, R.R. The ontogeny of behavioral sensitization to PCP or cocaine. Society for Neuroscience, 1990.

Holson, R.R., **Scalzo, F.M.**, Ali, S.F., Williams*, R. and Hansen, D.K. The effects of prenatal exposure to dexamethasone (DEX), haloperidol (HAL) or undernutrition on brain growth. Society for Neuroscience, 1990.

Scalzo, F.M., Ali, S.F., Gough, B.J., Williams, R.L. and Holson, R.R. Prenatal haloperidol exposure: Effects on neurobehavioral development and brain and body weight. International

Society for Developmental Psychobiology, 1990.

Scalzo, F.M. and Holson, R.R. The ontogeny of behavioral sensitization and tolerance to phencyclidine (PCP) and cocaine. Neurobehavioral Teratology Society, 1990.

Ali, S.F., **Scalzo, F.M.**, Frambes, N.A. and Spear, L.P. Prenatal exposure to cocaine in rats produces significant alterations in striatal dopamine (D2) receptor binding in offspring. Neurobehavioral Teratology Society, 1990.

Scalzo, F.M., Holson, R.R., Ali, S.F., Sullivan-Jones, P.A., and Hart, R.W. Lack of ameliorative effects of chronic caloric restriction on behavior and receptor binding in the Brown Norway rat and B6C3F1 mouse. Biological Effects of Dietary Restriction, International Life Sciences Institute, 1990.

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