

Curriculum Vitae

Personal Information

<i>Name:</i>	Susana PECIÑA	<i>Office address:</i>
<i>Place of birth:</i>	Bilbao, Spain.	Department of Psychology University of Michigan 525 East University St. Ann Arbor, MI 48109-1109 (Phone: 734-6156649) (e-mail: pesu@umich.edu)
<i>Home address:</i>	3221 Monument Ann Arbor, MI 48108 (Phone: 734-975-0008)	
<i>Present Position:</i>	Research Specialist/Adjunct Lecturer	
<i>Immigration status:</i>	Permanent resident of the United States	

Education

1998 PhD., University of Michigan, Ann Arbor, Michigan, USA
 Thesis in Biopsychology: “*Contrasting roles of mesostriatal dopamine and opioid systems in food ‘wanting’ and ‘liking’*” (Thesis advisor Dr. Kent C. Berridge)

1993 University of Michigan, Ann Arbor, Michigan, U.S.A.
 M.A. (Biopsychology)

1991 Bowling Green State University, Bowling Green, Ohio, U.S.A.
 B.A. (Biology)

Academic/Professional Positions

(2004-Present)	<i>Adjunct Lecturer, Department of Psychology</i> The University of Michigan, Ann Arbor, MI
(2002-Present)	<i>Research Specialist, Department of Psychology</i> The University of Michigan, Ann Arbor, MI
(2000-2002)	<i>Post-doctoral Fellow, Department of Psychology</i> The University of Michigan, Ann Arbor, MI
(1999-2000)	Training Consultant for BBDO WorldWide Bloomfield Hills, MI
(1991-1998)	<i>Graduate Student, Department of Psychology</i> The University of Michigan, Ann Arbor, MI
(1990-1991)	<i>Trainee in Biopsychology (Advisor, Dr. Panksepp)</i> Bowling Green State University, Bowling Green, Ohio

Fellowships and Awards

1. First poster award from the European Behavioral Pharmacology Society on the Neurobehavioral Plasticity meeting, Rome, Italy (2004).
2. Travel Award from the International Behavioral Neuroscience Society (ISBN), to attend the 1996 Annual Meeting, Cancun, Mexico (1996)
3. Travel Award from the International Behavioral Neuroscience Society (ISBN), to attend the 1995 Annual Meeting, Santiago de Compostela, Spain (1995)
4. Rackham Predoctoral Fellowship, University of Michigan (awarded to a selected limited number of Graduate Students nominated by each Department) (1995)
5. Graduate Fellowship, Department of Psychology, University of Michigan, (1994)
6. Summer Research Partnership Scholarship Award, Rackham School of Graduate studies (1993-1995).
7. Steidman Fellowship, Biology Department, Bowling Green State University. (1990)

Teaching Experience

- 2006 *Laboratories in Biopsychology and cognitive science – Lecturer*
Department of Psychology, University of Michigan.
- 2005-2006 *Hormones and Behavior- Lecturer*
Department of Psychology, University of Michigan.
An upper level undergraduate lecture course examining the hormonal basis of animal behavior
- Student evaluations of the class were in the top 25th percentile in twenty one of twenty two items ranked. The course was ranked with a median of **4.80/5.0** compared to the average 4.17 for University wide courses, equivalent to approximately the top 10th percentile). The instructor was ranked with a median of **4.87/5.0** (compared to 4.44/5.0 for University wide courses)
- 2004 *Biopsychology of Motivation- Lecturer*
Department of Psychology, University of Michigan.
An upper level undergraduate lecture course examining the neurobiological bases of motivation and affective neuroscience.
- Student evaluations of the class were in the top 25th percentile in twenty seven of thirty items ranked. The course was ranked with a median of **4.67/5.0** compared to the average 4.19 for the Department of Psychology and 4.14 for University wide courses, equivalent to approximately the top 10th percentile).
- 2004 *Graduate seminar in Personality Psychology- Invited lecturer*
Department of Psychology, University of Michigan.
- 1991-1996 *Graduate Student Instructor,*
Department of Psychology, University of Michigan.

Comparative and Physiological Psychology (1991-1993)
Introduction to Psychology as a Natural Science (1994-95)
Introduction to Biopsychology (1995-1996)

Professional Affiliations

Society for Neuroscience (U.S.A.)
Women in Neuroscience (U.S.A.)

Ad Hoc Editorial Reviewer

Behavioral Brain Research
Behavioral Neuroscience
European Journal of Neuroscience
Journal of Neuroscience
Neuroscience and Biobehavioural Reviews
Pharmacology, Biochemistry and Behavior
Psychoneuroendocrinology

Publications

Peer-reviewed research papers

1. Tindell A.J., Smith K.S., Peciña S., Berridge K.C., Aldridge W.A., (in press). Ventral pallidum codes hedonic reward: when bad tastes good. *Journal of Neurophysiology*
2. Peciña S., Smith, K., and Berridge K.C. (in press). Hedonic hotspots in the brain. *The neuroscientist*
3. Peciña S., Shulkin J., and Berridge K.C. (2006) Nucleus accumbens CRF increases cue-triggered motivation for sucrose reward: paradoxical positive incentive effects in stress? *BMC Biology*, 4(1):8
4. Peciña S., and Berridge K.C., (2005) Hedonic hotspot in nucleus accumbens shell: Where do opioids cause increased hedonic impact of sweetness? *Journal of Neuroscience*, 25 (50):11777-1186.
5. Tindel A, Berridge K.C., Zhang J., Peciña S., Aldridge J. W., (2005) Sensitization of incentive coding by ventral pallidum neurons. *European Journal of Neuroscience*, 22(10):2617-34.
6. Hua Y., Wu J., Peciña S., Yang S., Schallert T., Keep R. F., Xi G. (2005) Ischemic preconditioning procedure induces behavioral deficits in the absence of brain injury? *Neurological Research*, 27(3):216-7
7. Moroz I. A., Peciña S., Schallert T., Stewart J. (2004) Behavioral Sparing after 6-OHDA Lesions of the Nigrostriatal Pathway in Rats Previously Exposed to Sensitizing Regimen of Amphetamine. *Experimental Neurology*. 189: 78-93.

8. Peciña S., Cagniard B, Berridge KC, Aldridge JW, Zhuang X. (2003) Hyperdopaminergic mutant mice have higher "wanting" but not "liking" for sweet rewards. *Journal of Neuroscience*; 23(28):9395-402.
9. Peciña, S. and Berridge, K.C. (2000) Opioid site in nucleus accumbens shell mediates eating and hedonic 'liking' for food: map based on microinjection Fos plumes. *Brain Research*. 863 (1-2):71-86
10. Peciña, S. and Berridge, K.C. (1997) Pimozide does not shift palatability: separation of anhedonia from sensorimotor suppression by taste reactivity. *Pharmacology Biochemistry and Behavior*. 58 (3): 801-11.
11. Peciña, S. and Berridge, K.C. (1996) Brainstem mediates diazepam enhancement of palatability and feeding: microinjections into fourth ventricle versus lateral ventricle. *Brain Research*. 727 (1-2): 22-30
12. Peciña, S. and Berridge K.C. (1995) Central enhancement of taste pleasure by intraventricular morphine. *Neurobiology*. 4 (3-4): 269-80.
13. Berridge K.C. and Peciña, S. (1995) Benzodiazepines, appetite, and taste palatability. *Neuroscience Biobehavioural Reviews*. 19 (1): 121-31. Review.

Manuscripts in preparation

1. Peciña S. and Berridge K.C. (in preparation) Increases in cue-triggered lever pressing for a sucrose reward by damgo and amphetamine microinjections in nucleus accumbens.
2. Peciña S., Zhuang X., and Berridge K.C. (in preparation). Controlling the direction of excessive incentive motivation in hyperdopaminergic mutant mice.

Papers presented at scientific meetings and published abstracts

1. Peciña S., Zhuang X., and Berridge K.C., Controlling the direction of excessive incentive motivation in hyperdopaminergic mutant mice. *Society for Neuroscience Abstracts*, November 2005. Poster.
2. Berridge K.C., Peciña S. and Schulkin J., Appetitive effect of CRF in accumbens shell on conditioned approach for sucrose reward. *Society for Neuroscience Abstracts*, October 2004. Poster.
3. Peciña, S., and Berridge, K.C., Where in accumbens do opioids cause sensory pleasure? *Society for Neuroscience Abstracts*, October 2004. Poster.
4. Peciña S., Cagniard B., Berridge K.C., Aldridge J.W., Zhuang, X., "Hyperdopaminergic mutant mice have higher 'wanting' but not 'liking' for sweet rewards". ISPC (International Society for Comparative Psychology) and SEPC (Spanish Society for Comparative Psychology). Joint international meeting. Oviedo, Spain (September 15-18, 2004).
5. Peciña S., Cagniard B., Berridge K.C., Aldridge J.W., Zhuang, X. Higher incentive motivation and faster reward learning in hyperdopaminergic mutant mice. *Society for Neuroscience Abstracts*, 2003.

6. Moroz I. A., Peciña S., Schallert T., Stewart J., Behavioral Sparing after 6-Hydroxydopamine lesions of the nigrostriatal pathway in rats exposed to a pre-lesion sensitizing regimen of amphetamine. *Society for Neuroscience Abstracts*, 2003.
7. Barks, J. D., Li X., Peciña S., Sloan K.E., Liu Y., Schallert T., Felt B.T. (2002) Delayed appearance of functional deficits after neonatal hypoxic-ischemic and excitotoxic brain injury and recovery during late development. *Pediatr. Res.* (51), 456A.
8. Hua, Y., Schallert, T., Keep R.F., Peciña, S., Wu J.M., Xi G.H., Behavioral changes in rat models of ischemic and thrombin preconditioning, *Stroke* 2002; 33(1):399
9. Peciña, S. and Berridge, K. C. (1997) Opioid feeding site objectively mapped within shell of nucleus accumbens, *Society for Neuroscience Abstracts*, 23, 529.
10. Peciña, S. and Berridge, K.C. (1996) Morphine injections enhance feeding and palatability in the shell but not core of nucleus accumbens, *Society for Neuroscience Abstracts*, 22, 1408.
11. Peciña, S. and Berridge, K.C. (1995) Morphine microinjections in the paraventricular nucleus of the hypothalamus and the nucleus accumbens: effects on taste reactivity, *Society for Neuroscience Abstracts*.
12. Peciña, S. and Berridge, K.C. (1993) Comparison of systemic and intracranial administration of morphine: effects on hedonic taste reactivity (in rats), *Society for Neuroscience Abstracts*, 129, 1820.
13. Peciña, S. and Berridge, K.C. (1992) Fourth ventricle microinjections of diazepam enhance hedonic reactions to taste, *Society for Neuroscience Abstracts*, 18, 1231.

Invited Talks and Seminars

- 2006 “*Butterflies of the soul: a journey from pleasure to theory of mind*”. San Lorenzo de El Escorial. Summer courses of the General Foundation of the Universidad Complutense, Madrid (Spain). Host: Dr. Javier del Rio
- 2005 EBPS (European Behavioral Pharmacology Society). Workshop on Appetite Control, Barcelona, Spain. “*Neurochemical parsing of food reward ‘wanting’ and ‘liking’ in medial accumbens shell*”. Invited talk. Host: Dr. Martine Cadot.
- 2005 Department of Psychology, Bowling Green State University, Ohio. *Neurochemical parsing of reward ‘wanting’ and ‘liking’*. Oral presentation (February 10th). Invited talk. Host: Dr. Casey Cromwell.
- 2005 Department of Psychology, American University, Washington D.C. *Neurochemical parsing of reward ‘wanting’ and ‘liking’*. (January 14th). Invited talk. Host: Dr. Anthony Riley.
- 2004 Biopsychology colloquium, University of Michigan. *Neurochemical parsing of reward ‘wanting’ and ‘liking’*. Oral presentation.
- 2004 Department of Psychology, University of British Columbia, Vancouver, Canada. *Neurochemical parsing of reward ‘wanting’ and ‘liking’*. Invited talk. Host: Dr. Lisa Galea.
- 2004 ISPC (International Society for Comparative Psychology) and SEPC (Spanish Society for Comparative Psychology). Joint international meeting. Oviedo, Spain. *Where in accumbens do opioids cause sensory pleasure?* Oral presentation

- 2004 EBPS (European Behavioral Pharmacology Society). Workshop on Neurobehavioural Plasticity, Rome, Italy. "*Hyperdopaminergic mutant mice have higher 'wanting' but not 'liking' for sweet rewards*". Poster/oral presentation
- 2003 "Self, Cognition and Emotion," Kyoto International Symposium, Kyoto-Michigan Collaboration in Psychology Symposium, Ann Arbor, MI. *Hyperdopaminergic mutant mice have higher "wanting" but not "liking" for sweet rewards*. Poster presentation.
- 2002 Psychology Department, Wilfrid-Laurier University, Ontario, Canada. *Contrasting roles of mesostriatal dopamine and opioid systems in food 'wanting' and 'liking'*. Host, Linda Parker. Oral presentation.
- 1996 IBNS (International Behavioral Neuroscience Society) Cancun, Mexico. *Do different regions within the nucleus accumbens play different roles in the mediation of opioid-induced enhancement of feeding?* Oral presentation
- 1995 *Dopamine antagonists do not shift palatability: separation of anhedonia from sensorimotor suppression by taste reactivity*. The international behavioral Neuroscience Society, Santiago de Compostela, Spain. Oral presentation
- 1995 *Brainstem mediates diazepam enhancement of palatability and feeding: microinjections into fourth ventricle versus lateral ventricle*. The international Behavioral Neuroscience Society, Santiago de Compostela, Spain. Oral presentation
- 1994 *Is 'wanting' separate from 'liking'*. Graduate Student Conference; Department of Psychology; University of Michigan. Oral presentation
- 1993 *Fourth ventricle microinjections of diazepam enhance hedonic reactions to taste*. Biopsychology Colloquium; University of Michigan. Oral presentation.