

# Curriculum Vitae

21 May 2012

## Christopher B. Braun

Department of Psychology  
Hunter College  
Biopsychology Program  
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### Education:

**Postdoctoral** (Neuroethology) Parmly Hearing Institute, Loyola University Chicago 2001  
**Ph.D.** (Neurosciences) University of California at San Diego 1997  
**M.S.** (Neurosciences) University of California at San Diego 1993  
**B.A.** (Evolutionary Biology) Hampshire College. 1991

### Positions Held:

2008- Research Associate, Vertebrate Zoology, American Museum of Natural History.

2007- Associate Professor, Department of Psychology, Hunter College, and Biopsychology and Ecology Evolution and Behavior programs, City University of New York.

2001-2006 Assistant Professor, Department of Psychology, Hunter College, and Biopsychology and Ecology Evolution and Behavior programs, City University of New York.

1997-2001 Postdoctoral Research Associate, Parmly Hearing Institute, Loyola University Chicago.

1999 Lecturer in Psychology, Department of Psychology, Loyola University Chicago.

1998-2000 Postdoctoral Fellow, Neuroscience and Aging Institute, Stritch School of Medicine, Loyola University Chicago.

1991-1997 Graduate Research Assistant, University of California at San Diego.

1991 Research Assistant to Dr. W. Wheeler, Curator, American Museum of Natural History.

## Grants and Research Support:

- 2012-2013 PSC-CUNY #65638-00 43
- 2008-2013 RUI: Collaborative Research: The Origin and Diversification of Hearing in Malagasy-South Asian Cichlids. NSF # 0749984.
- 2007 *Endocrine disruptors and fin-ray morphology in teleost fish: Organizational and activational effects*, PSC-CUNY Equipment Grant, Co-investigator.
- 2007-2008 *Enhanced Audition and Temporal Resolution*. C. Braun Principal Investigator. PSC-CUNY #69494-00 38
- 2005-2006 *Evolution of Hearing Specializations*. C. Braun Principal Investigator. PSC-CUNY # 67120-00 36
- 2004-2008 *Perception of space by the octavolateralis system: Sub-modality interactions*. C. Braun, Investigator. NIH 1 S06 GM 60654.
- 2004-2006 *Scene analysis and cross-modal interactions*. C. Braun Principal Investigator. NIH 1 R03 MH067808.
- 2004-2005 *Information content of electric signals in Microsternarchus bilineatus*. C. Braun, Principal Investigator, PSC-CUNY #66326-0003
- 2002-2003 *Incipient speciation in Hypopygus lepturus: Electric dialects, geographic variation, and behavioral segregation*. C. Braun, Principal Investigator Hunter College Presidential Initiatives in Research.
- 2002-2004 *Multisensory detection and perception of vibrating objects*. C. Braun, Investigator. NIH 1 S06 GM60654-03S1.
- 2002-2003 *The active space of octavolateralis systems: Hierarchical multisensory integration*. C. Braun, Principal Investigator PSC-CUNY #60008-32-33.

## Fellowships:

- 2011 Pesquisador Visitante (Visiting Researcher), CNPq Brazil, 384980/2011-2
- 2011 CUNY Mid-Career Fellowship in Science Studies
- 2009 Pesquisador Visitante (Visiting Researcher), CNPq Brazil, 402441/2008-7

- 1998-2001 NIH NRSA Fellowship, 1 F32 DC00349-01.
- 1998-2000 Neuroscience and Aging Institute Fellowship, Stritch School of Medicine, Loyola University Chicago.
- 1995-1996 NIH training grant, Systems and Integrative Neurobiology, Department of Biology U.C.S.D.
- 1991 Graduate Scholarship, Department of Neurosciences, U.C.S.D.
- 1991 Graduate/Undergraduate Research Grant, Department of Invertebrates, American Museum of Natural History
- 1990-1991 NSF Research Experience for Undergraduates Fellowship, Department of Invertebrates, American Museum of Natural History.

### **Research Interests:**

- Evolution and diversity of sensory systems and behavior in aquatic vertebrates
- Functional evolution of the inner ear and lateral line system
- Evolution of electric behaviors and electrosense in South American Gymnotiformes

### **Invited Talks:**

- 2012 “Mechanisms of Enhanced Hearing in Fishes: Diversity and Evolution” Invited presentation to the Department Of Speech and Hearing Science, Graduate Center, CUNY.
- 2012 “Meaning and Content in Electrical Signaling by Pulse Gymnotiform Fishes,” Invited presentation at CUNY Animal Behavior Initiative (CABI) inaugural symposium.
- 2012 “*The Multimodal Octavolateralis Systems: Many senses, one source?*” Invited presentation at Auditory Cognitive Neuroscience Society Meeting, Tuscon AZ.
- 2012 “*Jam or Be Jammed: Behavioral Responses to Jamming Stimuli in Pulse Gymnotiform Fishes.*” Instituto Gulbenkian de Ciência, Lisbon, Portugal.
- 2011 “*Tutorial on the Evolution of Hearing.*” Invited presentation at Auditory Cognitive Neuroscience Society Meeting, Tuscon AZ.
- 2009 “*Repetition is the Branding Iron of Knowledge: Lessons from the Multiple Origins of Enhanced Hearing in Fishes.*” Invited presentation at Fish Bioacoustics: Sensory Biology, Sound Production, and Behavior of Acoustic Communication in Fishes, Spring 2009 meeting of the Acoustical Society of

- America.
- 2008 *“To Know the Mind of a Fish: Attention and Motivation in Electric Fishes”*  
Invited Presentation at the workshop “Emerging fish models in Behavioral Neuroscience” IBRO/Neurolatam I.
- 2008 *“Creating The Aquatic Umwelt: The function and evolution of octavolateralis systems.”* Instituto Gulbenkian de Ciência, Lisbon, Portugal.
- 2007 *“Evolution of Hearing Specializations in Teleost Fishes.”* Invited Presentation at Paleohearing Symposium, Summer 2007 meeting of the Acoustical Society of America.
- 2006 *“A symphony of Senses.”* Presentation at “A Celebration of Neurodiversity: A Tribute to the Research Passions of Theodore Holmes Bullock,” University of California at San Diego.
- 2006 *“Psychobiology of fishes: Sensory specialization for an alien world.”* Ray and Lorna Coppinger Symposium, Hampshire College.
- 2004 *“Evolution of Tempo and Mode of Electric Discharge in Weakly Electric Fishes.”* Department of Biology, Villanova University.
- 2004 *“Sound and Motion Signifying What? Multimodal integration in the octavolateralis system.”* Albert Einstein College of Medicine, Yeshiva University.
- 2003 *“Good Vibrations: The detection of vibratory and sound-producing sources by fishes.”* George H. Fried Seminar Series, Brooklyn College (CUNY).
- 2003 *“Travels in the Rio Negro: Electric Fish and Excited Scientists.”* Presidential Roundtable Address, Hunter College (CUNY).
- 2001 *“Interactions Between the Auditory and Lateral Line Senses in Orientation to Vibratory Sources and Prey Capture.”* 6<sup>th</sup> International Congress of Neuroethology, Symposium on Multimodal Sensory Guidance of Complex Behaviors.
- 2001 *“Organization, Function, and Evolution of the Lateral Line System”* Department of Biology, University of Minnesota, Duluth.
- 1999 *“Dipole Source Detection in the Acoustic Near-Field: The Distance Range of the Inner Ear and Lateral Line System.”* Neuroscience and Aging Institute, Loyola University Medical Center.

- 1999 “*The Inner Ear and Lateral Line in Dipole Source Detection within the Acoustic Nearfield.*” 1<sup>st</sup> International Conference on Sensory Processing of the Aquatic Environment.
- 1999 “*Detection of Sounds by Fishes that Cannot Hear: Lateral Line and Inner Ear Function in the Near Field.*” Neuroscience Program, Michigan State University.
- 1999 “*Origins and Functional Evolution of the Lateral Line System.*” Program in Ecology and Evolutionary Biology, Michigan State University.
- 1997 “*Agnathan Neurobiology: Implications for the lives of the earliest Craniates.*” International Congress of Vertebrate Morphologists V. The Origin of Craniates. Symposium.
- 1996 “*Cutaneous Exteroreceptors and Their Innervation in Hagfishes.*” International Symposium on the Biology of Hagfishes.
- 1996 “*Evolution of the Lateral Line System: Origins and Diversification.*” Parmly Hearing Institute, Loyola University Chicago.
- 1995 “*Sensory biology of the living jawless fishes.*” Karger Workshop VII: Neurobiology of Agnathans.

## **Publications:**

- 2011 Dailey, DD and **CB Braun**. Perception of frequency, amplitude, and azimuth of a vibratory dipole source by the octavolateralis system of goldfish (*Carassius auratus*). *Journal of Comparative Psychology*. 125(3): 286-295 (DOI: 10.1037/a0023499).
- 2010 **Braun, CB** and S. Coombs. Vibratory sources as compound stimuli for the octavolateralis systems: Dissection of specific stimulation channels using multiple behavioral approaches. *Journal of Experimental Psychology: Animal Behavior Processes*. 36: 243-257.
- 2009 Dailey, DD and **CB Braun**, Sonic Audition is the Dominant Mode of Dipole-Source Detection in Goldfish (*Carassius auratus*). *Journal of Experimental Psychology: Animal Behavior Processes*. 35: 212-223.
- 2009 **Braun, C.B.** Evolution of the mechanosensory and electrosensory lateral line systems. In *Springer Encyclopedia of Neuroscience*, pp 1367-1375.
- 2008 Xiao, J and **CB Braun**, Objective threshold estimation and measurement of the residual background noise in auditory evoked potentials of goldfish. *Journal of the Acoustical Society of America* 124: 3053-3063.

- 2008 **Braun, C.B.** and Grande, T. Evolution of peripheral mechanisms for the enhancement of sound reception. In Springer Handbook of Auditory Research: Fish Bioacoustics (A.N. Popper, R.R. Fay, and J.L. Webb, eds.). Springer-Verlag, N.Y. 99-144.
- 2007 Coombs, S., Anderson, E., **Braun, C. B.** and Grosenbaugh, M. The hydrodynamic footprint of a benthic, sedentary fish in unidirectional flow. Journal of The Acoustical Society of America, 122: 1227-1237.
- 2007 Cordova, M.S. and **C.B. Braun.** The use of anesthesia during evoked potential audiometry in goldfish (*Carassius auratus*) Brain Research, 1153: 78-83.
- 2003 Coombs, S. and **C. B. Braun.** Information Processing by the Lateral Line System. In: *Sensory Processing of the Aquatic Environment* (S.P. Collin and N.J. Marshall, eds.) Springer-Verlag, N.Y. 122-138.
- 2002 **Braun, C.B.,** Coombs, S., and Fay, R.R. What is the nature of multisensory interaction between octavolateralis subsystems? Brain Behavior and Evolution, **59**: 162-176.
- 2002 **Braun, C.B.** and Grande, T. Evolution of the octavolateralis system: A phylogenetic assessment. Bioacoustics, 12: 118-120.
- 2002 Grande, T. and **C.B. Braun.** Evolution of the weberian apparatus. Bioacoustics, 12: 120-122.
- 2001 Coombs, S., **C.B. Braun** and B. Donovan. Orienting response of Lake Michigan mottled sculpin is mediated by canal neuromasts. Journal of Experimental Biology. 204: 337-348.
- 2000 **Braun, C.B.** and R.G. Northcutt. Chordate and vertebrate body structure: Brain and cranial nerves. In R. Singer and M.K. Diamond (eds.) The Encyclopedia of Paleontology. London: Fitzroy Dearborn Publishers. pp 185-192.
- 2000 **Braun, C.B.** and S. Coombs. The overlapping roles of the inner ear and lateral line: The active space of dipole source detection. Philosophical Transactions of the Royal Society of London Series B, 355: 1115-1119.
- 2000 Northcutt, R.G., L.A. Barlow, **C.B. Braun** and K.C. Catania. Distribution and innervation of taste buds in the axolotl. Brain, Behavior and Evolution **56:123-145.**
- 1999 **Braun, C.B.** and H. L. Eisthen. Sensory systems in vertebrates: A general overview. In Encyclopedia of Life Sciences, Nature Publishing Group, London, [www.els.net](http://www.els.net).

- 1999 Eisthen, H. L. and **C. B. Braun**. Sensors of External Conditions in Vertebrates. In Encyclopedia of Life Sciences, Nature Publishing Group, London, [www.els.net](http://www.els.net).
- 1998 **Braun, C.B.** and R.G. Northcutt. Exteroreceptors and their innervation in hagfishes. In J. M. Jørgensen, J. P. Lomholt, R. E. Weber, and H. Malte (eds.) *The Biology of Hagfishes*. London: Chapman and Hall. pp. 510-530.
- 1998 **Braun, C. B.** Schreiner Organs: A new craniate chemosensory modality in hagfishes. *Journal of Comparative Neurology*, 392: 135-163.
- 1997 **Braun, C.B.** and R.G. Northcutt. The lateral line system of hagfishes (Craniata: Myxinoidea). *Acta Zoologica*, 78: 247-267.
- 1996 **Braun, C.B.** The sensory biology of the living jawless fishes. *Brain Behavior and Evolution* 48: 262-276.
- 1995 **Braun, C.B.**, H. Wicht and R.G. Northcutt Distribution of gonadotropin-releasing hormone immunoreactivity in the brain of the pacific hagfish, *Eptatretus stouti* (Craniata: Myxinoidea). *Journal of Comparative Neurology* 353: 464-476.

## Abstracts and Society Presentations:

- 2012 Iuso, A., Sebastian, V., Chen, D., **Braun, C.**, Serrano, P.A., Moller, P. Electric Memories: Behavioral expression of molecular processes (PKM $\zeta$ ) during memory acquisition and consolidation in weakly electric fish. Society For Neuroscience Abstracts, 2012, online.
- 2012 Moller, P., Chowdhury, A., Iuso, A., Sebastian, V., Aviram, I., Yang, H., **Braun, C.** and Serrano, P. Electric organ discharge patterns during maze acquisition and related density changes in the memory molecule PKM $\zeta$  Electric Fish Satellite Symposium of the Tenth International Congress of Neuroethology.
- 2012 **Braun, C.B.** and Alves-Gomes, J. Jamming interference as a social interaction: Jamming avoidance behaviors in pulse gymnotiforms. Tenth International Congress of Neuroethology.
- 2012 **Braun, C.B.** and Unissa, S. Periconception and Socioeconomic Stress Effects on Offspring Sex Ratio. 13th RCMI International Symposium on Health Disparities.
- 2012 **Braun, C.B.**, Baldwin, Z., Sparks, J.S. Diversity of Auditory Abilities and Hearing-Enhancing Morphologies in Malagasy-South Asian Cichlids. Tenth International Congress of Neuroethology.
- 2010 Field, C.E. and **Braun, C.B.** Investigating a chirp-like signal in the weakly electric fish *Steatogenys*. 47<sup>th</sup> Annual Meeting of the Animal Behavior Society.

- 2010 Berry, R.J. and **Braun, C.B.** Elicited and spontaneous changes in EOD rate in *Microsternarchus* sp. 47<sup>th</sup> Annual Meeting of the Animal Behavior Society.
- 2009 **Braun, C.B.** Jam or be jammed: Behavioral responses to interfering stimuli in pulse discharging weakly-electric gymnotiformes. *Brain Behavior and Evolution*, 73: 304-305.
- 2008 Duarte, T.T., **C.B. Braun**, and A. Hoffman. Regulation of electric organ discharge rate and interpulse interval dynamics by the optic tectum in a pulse gymnotiform. Society for Neuroscience, 2008 online.
- 2008 **Braun, C.B.**, J.S. Sparks, B.R. Abraham, and J. Xiao. The evolution of hearing abilities in Malagasy Cichlids. Society for Neuroscience, 2008 online.
- 2008 Swanson, M, A. Reshanov, B.A. Carlson, J.A. Alves-Gomes, **C.B. Braun**. Behavioral responses to potentially jamming signals in pulse-discharging gymnotiform fishes. Society for Neuroscience, 2008 online.
- 2008 Berry, R.J., and **C.B. Braun**. Effect of non social stimuli on the exploratory behavior of *Microsternarchus bilineatus*. Society for Neuroscience, 2008 online.
- 2007 **Braun, C.B.**, R.J Berry, R. Schmitt, J.A. Alves-Gomes. The Phylogenetic History of Electric Organ Discharge Rate Modulations in Pulse-Discharging Gymnotiform Fishes. Seventh triennial meeting of the International Society for Neuroethology.
- 2007 Berry, R.J. and **C.B. Braun**. Subtle rate modulation in a highly-regular pulse-type gymnotiform fish reflects motivational state. Seventh triennial meeting of the International Society for Neuroethology.
- 2006 Xiao, J. and **C.B. Braun**. The temporal resolution of goldfish hearing: An auditory evoked potential study of gap detection. Fourth annual joint meeting of the Acoustical Society of America and the Acoustical Society of Japan
- 2006 Berry, R.J. and **C.B. Braun**. Individual Behavioral Differences in Electric Fish: a Potential Model of Animal 'Personality.' 43<sup>rd</sup> annual meeting of the Animal Behavior Society.
- 2005 Schmitt, R.; **C. B. Braun**; J. A. Alves-Gomes. Filogeografia de *Hypopygus lepturus* hoedeman (Gymnotiformes-Rhamphichthyidae): exemplo de diversidade críptica em peixes neotropicais. In: 51o. Congresso Brasileiro de Genética, 2005, Águas de Lindóia, 2005.
- 2005 Cordova, M.S. and **C.B. Braun**. Application of evoked potential audiometry to measures of frequency selectivity in fishes. Society for Neuroscience 2005, online.



- 2005 Dailey, D.D. and **C.B.Braun**. Detection of dipole sources as a function of source-distance and spatial configuration in goldfish (*Carassius auratus*). Society for Neuroscience, online.
- 2005 Jones, R.J., C. Hawkins, R. Schmitt, J.A. Alves-Gomes, **C.B. Braun**. Geographic divergence and convergence in electric signaling behavior in weakly electric fish. Society for Neuroscience, online.
- 2004 Cordova, M.S.; J. Berberena; S.A. Palmer; and **C.B.Braun**. Auditory brainstem responses to loudspeaker and dipole sources in goldfish (*Carassius auratus*): Source comparisons and effects of Fentanyl anesthesia. Society for Neuroscience, 2004, online.
- 2004 Jones, R.J.; J.A. Alves-Gomes; **C.B. Braun**. Tempo and mode of electric organ discharge rhythms in a community of sympatric pulse-type gymnotiform fishes. Society for Neuroscience, 2004, online.
- 2003 Aadland, C.R., **C.B.Braun**, K.N. Stölting, and J.A. Alves-Gomes. Intraspecific differences in the electric organ discharge of two species of sympatric Gymnotiforms. International Society of Ichthyologists and Herpetologists. June 2003. Copeia: 2003.
- 2003 Lucena, M. N. B., **C.B. Braun**, and J.A. Alves-Gomes. Preliminary mitochondrial DNA diversity analyses of *Hypopygus lepturus* (Gymnotiformes, Rhamphichthyidae) from the middle Rio Negro. International Society of Ichthyologists and Herpetologists. June 2003. Copeia: 2003.
- 2003 Stölting, K. N., **C.B. Braun**, and J.A. Alves-Gomes. Mitochondrial phylogeography of *Microsternarchus bilineatus* (Gymnotiformes, Hypopomidae), Rio Negro, Brazil. International Society of Ichthyologists and Herpetologists. June 2003. Copeia: 2003.
- 2002 Cuihong, Jia, **C. B. Braun**, and S. Coombs. Hindbrain termination sites of lateral line nerve fibers from oppositely oriented hair cells in the clawed frog, *Xenopus laevis*. Society for Neuroscience abstracts 27.
- 2001 Coombs, S., E. J. Anderson, **C. B. Braun** and M. A. Grosenbaugh. How fish body parts alter local hydrodynamic stimuli to the lateral line. American Zoologist.
- 2000 New, J.G., **C.B. Braun**, and K. Walter. Central topography of afferents of individual canal neuromast organs in the muskellunge, *Esox masquinongy*. American Society of Ichthyologists and Herpetologists. June 2000.
- 2000 Coombs, S. and **C.B. Braun**. Canal neuromasts mediate orientation behaviors in Lake Michigan mottled sculpin. Society for Neuroscience abstracts, 26: 146.

- 2000 New, J. G., **C. B. Braun**, and K. Walter. Central projections of nerve fibers innervating individual canal neuromast organs in the muskellunge, *Esox masquinongy*. Society for Neuroscience abstracts, 26: 146.
- 1999 **Braun, C.B.**, and S. Coombs. The distance range of inner ear and lateral line function in Mottled Sculpin. Society for Neuroscience abstracts, 25: 131.
- 1998 **Braun, C. B.** and S. Coombs. A comparison of ethological and psychological approaches to the study of lateral line function. Proceedings of the fifth international congress of Neuroethology.
- 1998 Coombs, S., **C. B. Braun** and B. Donovan. The role of lateral line canal neuromasts in prey capture behavior by the mottled sculpin. Proceedings of the fifth international congress of Neuroethology.
- 1997 **Braun, C. B.** Agnathan Neurobiology: Implications for the lives of the earliest craniates. Journal of Morphology 232: 347-348.
- 1997 **Braun, C. B.** Primary afferent zones and hindbrain organization in hagfishes. Society for Neuroscience abstracts, 23: 2381.
- 1996 Northcutt, R. G., L. A. Barlow, K. C. Catania and **C. B. Braun**. Developmental fate of the lateral and medial walls of the neural folds in Axolotls. American Zoologist 36: 74A.
- 1995 **Braun, C.B.** Ecomorphological studies of lateral line systems: Phyletic versus ecological effects. American Zoologist 35: 16A
- 1995 **Braun, C.B.** and R.G. Northcutt. Distribution and innervation of the cutaneous chemosensory systems in zebrafish (*Danio rerio*). Society for Neuroscience abstracts 21: 691.
- 1995 Northcutt, R.G. and **C.B. Braun**. Distribution and innervation of neuromasts in the zebrafish *Danio rerio*. Society for Neuroscience abstracts 21: 691.
- 1994 **Braun, C.B.** A novel cutaneous sensory system in hagfish Society for Neurosciences abstracts 20: 1418
- 1994 H. Wicht, **C. B. Braun**, and H. -W. Korf. LHRH im Gehirn des pazifischen Schleimaals: Lokalisation, mögliche Funktion und Stammesgeschichte von LHRH-Systemen. Verhandlungen der Anatomischen Gesellschaft, Anatomischer Anzeiger, 176(Suppl.): 63.
- 1993 **Braun, C.B.**, H. Wicht and R.G. Northcutt. Evidence that hagfish possess a degenerate lateral line system. Society for Neuroscience abstracts 19: 159.

1992 **Braun, C.B** and R.G. Northcutt. Evolution of the hagfish lateral line system: Another slimy story? *American Zoologist* 32: 139A.

## **Other Publications/Press:**

New York Times Scientist at Work Blog, with John S Sparks,

<http://scientistatwork.blogs.nytimes.com/author/christopher-b-braun/>:

June 22, 2011: How agriculture affects endemic fish

June 20, 2011: Is it too late for the Damba?

June 17, 2011: Fish with sensitive hearing.

June 14, 2011: Into the crocodile cave.

"Chemistry of Fear and Fright" *NBC Learn*, New York, NY: NBC Universal,  
10/27/2011. Accessed Sat Jan 7 2012 from NBC-Learn:

<https://archives.nbclearn.com/portal/site/k-12/browse/?cuecard=55218>

(consultant/interview subject).

## **Teaching Experience:**

### **Hampshire College:**

Gene Cloning (Student Instructor)

### **University of California at San Diego:**

Embryology Laboratory (Graduate Teaching Assistant)

### **Loyola University Chicago:**

Laboratory in Psychobiology (Psych 311)

### **Hunter College/CUNY:**

Animal Behavior I (Psych 716)

Animal Behavior II (Psych 718)

Brain and Behavior (Psych 180), Hybrid online course

Communication Behavior (Psych 390)

Data Analysis and Programming with Matlab (Psych 750)

Experimental Psychology (Psych 250)

Neuroscience II (Psych 711)

### **Champalimaud Foundation Neuroscience Program (Lisbon, Portugal)**

Ad Hoc Instructor, Foundations of Neuroscience Ph.D. Program (2009-2012)

## **Service:**

### **Workshops:**

Participant, American Psychological Association workshop on science policy advocacy

### **Ad Hoc reviewer for:**

National Institutes of Health  
National Science Foundation  
Minnesota Sea Grant program  
Journal of Experimental Biology  
Journal of Comparative Neurology  
Philosophical transactions of the Royal Society of London  
Proceedings of the Royal Society of London B  
Brain, Behavior and Evolution  
Anatomical Record  
Aquatic Mammals  
Journal of Comparative Physiology B  
Brain Research  
Joint Industry Programme (UK industry consortium)  
Journal of the Acoustical Society of America

#### **Master's Thesis Committees**

Sreemathi Krishnamurthy (Loyola University Chicago)  
Cuihung Jia (Loyola University Chicago)  
Sadaf Unissa (Hunter College)\*  
Marie Law (Nova Scotia Agricultural College)  
Adilia Nogueira (UFAM)

#### **Doctoral Dissertation Committees**

Thomas A. Terleph (CUNY Psych)  
Christian P. Soucier (CUNY Bio)  
Jacqueline Pearle (CUNY Psych)  
Evelyn Neunteufel (CUNY Bio)  
Marie Martin (CUNY Bio)  
Patricia Kabitzke (CUNY Psych)  
Deena Dailey (CUNY Psych)\*  
Rebecca Berry (CUNY Psych)\*  
Renata Schmitt (UFAM)  
Adilia Nogueira (UFAM)

#### **Professional Societies:**

1991-Present Society for Integrative and Comparative Biology (formerly American Society of Zoologists).  
1991-Present Society for Neurosciences  
1991-Present J. B. Johnston Club  
1997-Present International Society of Vertebrate Morphologists  
1997-Present International Society for Neuroethology

#### **Personal Data:**

**Date of Birth:** 27 June 1969  
**Marital Status:** Single

