

CURRICULUM VITAE
IRINA N. BELOOZEROVA, PhD.
(pronounced: *Erena Below-oh-zero-va*)

01/15/08

EXPERTISE:

Organisation and function of motor systems.

Neuronal mechanisms of locomotion and posture. Control, adaptation and plasticity of motor behaviors in natural environments.

DEGREES:

1989 - Ph.D. in neuroscience - Lomonosov University in Moscow, Russia.

PhD thesis: "Role of motor cortex in control of locomotion".

1981 - M.S. in physiology - Lomonosov University in Moscow, Russia.

1979 - B.S. in biology - Lomonosov University in Moscow, Russia.

ACADEMIC POSITIONS:

2000 - Assistant Staff Scientist (Assistant Professor equivalent),
Barrow Neurological Institute, Phoenix, AZ, USA

1997-1999 - NIH Postdoctoral Fellow, Univ. of Connecticut, USA (with Dr. Swadlow).

1993-1995 - Postdoctoral Fellow, University of Montreal, Canada (with Dr. Rossignol).

1991-1992 - Postdoctoral Fellow, University of Bristol, UK (with Dr. Armstrong).

1989-1993 - Senior Scientist, Institute of Biomedical Problems, Moscow, Russia.

1985-1989 - Research Scientist, Institute of Biomedical Problems, Moscow, Russia.

1981-1985 - Junior Scientist, Institute of Biomedical Problems, Moscow, Russia
(with Dr. Kozlovskaya).

1980-1983 - Research Assistant, Institute of Problems of Information Transmission,
Moscow, Russia (with Dr. Arshavsky and Dr. Orlovsky).

HONORS AND AWARDS:

2007 - Five-year NIH R01 grant "Forebrain control of locomotion".

2000 - Four-year NIH R01 grant "Motor cortex and thalamo-cortical network in locomotion".

1996 - Three-year NIH National Research Service Award, "Subpopulations of motor cortical neurons in locomotion".

1994 - Two-year grant from Fonds de la Recherche en Sante du Quebec, Canada,
"Antidromic activity of dorsal root filaments".

1991 - One-year fellowship, The Royal Physiological Society, UK.

1985 - The Third Prize at the Exhibition of National Economic Achievements, USSR.

PROFESSIONAL SOCIETIES: Member of Society for Neuroscience.

STUDY SECTIONS and EDITORIAL POSITIONS:

Reviewer for National Science Foundation (ad hoc), Journal of Neuroscience, Journal of Neurophysiology, Journal of Experimental Brain Research, Neuroscience, Neurocomputing.

PUBLICATIONS: 37 research papers in referred journals and 8 book chapters.