

CURRICULUM VITAE: Pierre Lavenex, Ph.D.**Education**

- 1995: Ph.D. University of Lausanne (UNIL)
1986-1990: License in biology, UNIL
- Certificate of Physiology
- Certificate of Biochemistry
- Certificate of Zoology
1984-1986: Swiss Scientific Federal Maturity. Gymnase Cantonal de la Cité, Lausanne

Professional and Research Experience

- 2005-present: Associate Professor, Professeur Boursier FNS
Dept of Medicine, Unit of Physiology, University of Fribourg.
2001-2005: Assistant Adjunct Professor
Dept of Psychiatry and Behavioral Sciences, UC Davis.
1999-2001: Postgraduate Researcher
Dept of Psychiatry, Center for Neuroscience, UC Davis.
1997-1999: Postdoctoral Visiting Fellow, Swiss Foundation for Grants in Medicine and Biology
Dept of Psychiatry, Center for Neuroscience, UC Davis.
1996-1997: Postdoctoral Visiting Fellow, Swiss National Science Foundation
Dept of Psychology, UC Berkeley.
1990-1995: Graduate student
Institute of Human and Animal Physiology, UNIL
1990: Undergraduate student
Institute of Human and Animal Physiology, UNIL
1989-1990: Undergraduate student
Institute of Biochemistry, UNIL
1988-1889: Undergraduate student
Institute of Zoology and Animal Ecology, UNIL

Honors and Awards

- 2010: Research Prize of the Swiss League Against Epilepsy
2007-present: Council Member of the Swiss Society for Neuroscience
2005-present: Professorship Swiss National Science Foundation
2004-2006: NARSAD Young Investigator Award
2004: Travel Award, Academic Federation UC Davis
2003: ReBrain Award, Gebert-Rüf Foundation
2003: Joe P. Tupin Research Award in Psychiatry UC Davis
2002: FARDF Award, Department of Psychiatry UC Davis
2002: Travel Award, Academic Federation UC Davis
1997-1999: Postdoctoral fellow of the Swiss Foundation for Grants in Medicine and Biology
1996-1997: Postdoctoral fellow of the Swiss National Science Foundation
1994: Training fellow of the Swiss Society for Laboratory Animal Science

Editorial Boards

2008-present European Journal of Neuroscience
2007-present Frontiers in Neuroanatomy
2005-present Neuroscience

Ad-hoc Reviewer

Peer-reviewed Journals

American Journal of Psychiatry, Archives of Environmental and Occupational Health, Behavioral and Brain Sciences, Behavioral Ecology and Sociobiology, Behavioral Neuroscience, Behavioural Brain Research, Brain Research, Cerebral Cortex, Developmental Psychobiology, European Journal of Neuroscience, Hippocampus, Journal of Comparative Psychology, Journal of Neurobiology, Journal of Neuroscience, Neurobiology of Aging, NeuroImage, Neuroscience, Progress in Neurobiology, Trends in Neuroscience.

Funding agencies

Swiss National Science Foundation, UK Medical Research Council, US National Science Foundation, Wellcome Trust

Other Professional Activities

2010 – present: Council Member of the Foundation “Recherche pour la Vie”
2009: Symposium organizer: International Spring Hippocampal Research Conference, Verona
2009: Chair Local Organizing Committee: Annual Meeting of the Swiss Society for Neuroscience
2007-present: Council Member of the Swiss Society for Neuroscience

Professional Society Membership

American Society for Neuroscience
European Brain and Behaviour Society
Swiss Society for Biological Psychiatry
Swiss Society for Neuroscience

Teaching Experience

2005-present: Associate Professor, Professeur Boursier FNS
Dept of Medicine, Unit of Physiology, UNIFR.
Neurophysiology (Medical students)
Neurophysiology (Biomedical science students)
Neurophysiology (Psychology students)
Neurophysiology (Sport students)

2001-2005: Assistant Adjunct Professor, UC Davis
Department of Psychiatry and Behavioral Sciences, Center for Neuroscience
Neuroscience Techniques (Graduate and postdoctoral students)
Applied Medical Principles (Medical students)
Seminars on Memory (Graduate and postdoctoral students)

1990-1995: Teaching Assistant, UNIL
Institute of Human and Animal Physiology
Physiology (Medical students, undergraduate students in biology and sport)
Neuroethology (Undergraduate students in biology and psychology)

1988-1889: Teaching Assistant, UNIL
Institute of Zoology and Animal Ecology
Zoology (Medical students, undergraduate students in biology)

Mentored students

Farfalla Ribordy, PhD co-advisor, 2010-present, BENEFRI Program in Neuroscience, University of Fribourg

Loïc Chareyron, PhD advisor, 2007 – present, Lemanic Program in Neuroscience University of Fribourg

Grégoire Favre, PhD advisor, 2006 – present, BENEFRI Program in Neuroscience University of Fribourg

Adeline Jabès, PhD advisor, 2005 – present, Lemanic Program in Neuroscience University of Fribourg

Jennifer L. Freese, Mentor, 2000-2005, Neuroscience Program UC Davis

Cindy Schumann, Thesis committee member, 2001-2005, Neuroscience Program UC Davis

Melissa Baumann, Mentor and thesis committee member 2000-2004, Neuroscience Program UC Davis

Research Funding

Genotyping APOE polymorphism in febrile seizures (**P.I.**; Swiss League Against Epilepsy; CHF 20,000; 2010).

Postnatal development of the hippocampal formation: neuroanatomical and plasticity studies in the monkey (**P.I.**; Swiss National Science Foundation, CHF 781,148; 2009-2011).

Anatomy of the primate amygdaloid complex (**Co-P.I.**; D.G. Amaral, PI; NIH MH041479-19, 2007-2010; CHF 219,000 direct costs to UNIFR)

Postnatal development of the hippocampal formation: neuroanatomical studies in the monkey (**P.I.**; Swiss National Science Foundation; CHF 1,545,542; 2005-2009).

Functional organization of the hippocampal formation (**Co-P.I.**; D.G. Amaral, PI; NIH NS 16980-20A1; \$360,000/year; 2005-2010)

Regulation of gene expression in the developing primate hippocampal formation (**P.I.**; National Alliance for Research on Schizophrenia and Depression (NARSAD) Young Investigator Award; \$60,000; 2004-2007)

Regulation of gene expression in the developing primate medial temporal lobe (**P.I.**; Joe P. Tupin Research Award, Dept of Psychiatry and Behavioral Sciences, UC Davis; \$50,000; 2003-2004)

Development of hippocampus-dependent memory systems in one-year old monkeys (**P.I.**; FARDF Award, Dept of Psychiatry and Behavioral Sciences, UC Davis; \$35,000; 2002-2003)

Functional organization of the hippocampal formation (**Co-P.I.**; D.G. Amaral, PI; NIH NS 16980-20A1; \$250,000/year; 2000-2004)

Organization of the projections from the perirhinal and parahippocampal cortices to the neocortex in the macaque monkey (*Macaca fascicularis*). (**P.I.**; Swiss Foundation for Grants in Medicine and Biology; \$60,000; 1997-1999)

Seasonal variations and sex differences in the memory for local and spatial information in squirrels: correlation with structural changes in the hippocampus. (**P.I.**; Swiss National Science Foundation; \$45,000; 1996-1997)