

Julie Anne Péron, Ph.D.

Contact

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Research interest

- Clinical neuropsychology
- Action control, habits, goal-directed behaviour, emotion
- Basal ganglia, subthalamic nucleus, cerebellum, cortico-subcortical loops
- Deep brain stimulation
- Parkinson's disease, Gilles de la Tourette syndrome, obsessive compulsive disorders, depression, addiction

Affiliations

Research groups

- Swiss Center for Affective Sciences (CISA), University of Geneva, Switzerland
- Center for the Interdisciplinary Study of Gerontology and Vulnerability (CIGEV), University of Geneva, Switzerland
- EA-4712 Behavior and Basal Ganglia, University of Rennes, France

Learned Societies

- Swiss Association of Neuropsychologists
- Swiss Federation of Psychologists
- French Speaking Neuropsychological Society
- European Clinical Neurophysiology Society
- International Parkinson and Movement Disorder Society
- Society for Neuroscience

Education

- 2008¹** **PhD in Biology and Health Sciences, University of Rennes, France**
Thesis entitled *"Role of the subthalamic nucleus and its cortico-subcortical connections in the recognition of facial and vocal expressions of emotion"*
Direct.: Prof. Marc Vérin (Behaviour and Basal Ganglia Unit (EA 4712)
Summa cum laude, "with highest honor"
- 2002-2004¹** **Master of Advanced Studies in Neuropsychology (DEA National de Neuropsychologie), University of Caen, France**
Research project entitled *"Role of direct personal experience in the preservation of knowledge in individuals with semantic dementia or Alzheimer's disease"*
Direct.: Prof. Pascale Piolino (INSERM) & Dr Serge Belliard (University Hospital of Rennes)
Magna cum laude, "with great honor"
- 2001-2002** **Postgraduate Diploma in Clinical Neuropsychology (DESS), University of Caen, France**
Research project entitled *"Hemispheric specialization in the identification of famous people. Comparative study of right and left temporal cortectomies in patients suffering from pharmaceutical treatment-resistant epilepsy"*
Direct.: Dr Serge Belliard (University Hospital of Rennes)
Magna cum laude, "with great honor"
- 2000-2001** **Licence in Psychology, University of Rennes, France**
Research project (3rd year) entitled *"Identification of famous people, access to semantic and morphological knowledge from names and faces"*
Direct.: Alain Lieury (University of Rennes)
Cum laude, "with honor"
- 1997-2000** **Bachelor's Degree in Psychology, University of Rennes, France**
Cum laude, "with honor"
- 1997** **French Baccalaureate** (specialization: Philosophy and Ancient Greek)
Lycée Emile Zola, Rennes, France
Cum laude, "with honor"

¹ Academic career specification: I conducted my master and PhD research whilst working full time as a clinical neuropsychologist in the Department of Neurology of Rennes University Hospital (see below, Clinical activity)

Licences to practice clinical psychology

2016	Accreditation from the Swiss Association of Neuropsychologists Titre de spécialiste en neuropsychologie FSP
2015	Accreditation from the Federation of Swiss Psychologists Titre de psychologue FSP
2014	Licence to practice in Geneva Droits de pratiques à titre indépendant, Canton de Genève
2002	Licence to practice in Europe ADELI registration no.: 359303815

Other qualifications

2015	Training in eye movement desensitization and reprocessing (EMDR) therapy (Level 1) Swiss Institute of Psychotraumatology (IRPT), Lausanne, Switzerland
2001-2004	Training in Ericksonian hypnosis “Emergences” association, Rennes, France

Awards and honours

- 2011** **Brittany Regional Council (France): *Young Investigator Award***
Video of the ceremony with 1987 Chemistry Nobel Prize winner J.-M. Lehn:
<http://www.youtube.com/watch?v=wObKFir71z0#t=3919>
- 2010** **French-Speaking Neuropsychological Society (SNLF): *Alain Agniel Prize***
- 2009** **Society for Neuroscience (SfN): *SfN Hot Topics 2009***
Paper entitled "*Recognition of emotional prosody is disrupted after subthalamic nucleus deep brain stimulation in Parkinson's disease*" selected with 500 others, out of a total of 18,000 submissions, for inclusion in the '*SfN Hot Topics 2009*' at the annual meeting of the Society for Neuroscience (Chicago, USA, October 17-21st)
- 2008** **American Academy of Neurology: *Future of Neuroscience***
Paper entitled "*Subthalamic nucleus stimulation affects orbitofrontal cortex in facial emotion recognition: A PET study*" selected for the '*Future of Neuroscience*' session at the 60th Annual Meeting of the American Academy of Neurology (Chicago, USA, April 12-19th)
- 2007** **Parkinson's Disease and Movement Disorders Society: *Highlighted posters***
Paper entitled "*Recognition of negative emotions is impaired by subthalamic nucleus deep brain stimulation in Parkinson's disease*" selected for the '*Highlighted posters*' session at the XIth International Congress of Parkinson's Disease and Movement Disorders (Istanbul, Turkey, June 3-7th)

Employment

Academic

- since 2017** **Senior Lecturer (Chargée de cours)**
20% from 01/01/2017 to present
Faculty of Psychology and Educational Sciences
University of Geneva, Switzerland
- since 2013** **Lecturer (Maître-assistante)**
40% from 01/01/2017 to present
60% from 04/01/2016 to 12/31/2016
100% from 04/01/2013 to 03/31/2016
Faculty of Psychology and Educational Sciences
University of Geneva, Switzerland
- 2009-2013** **Postdoctoral Research Associate (100%)**
100% from 09/01/2009 to 03/31/2013
Swiss Center for Affective Sciences (NCCR Affective Sciences)
University of Geneva, Switzerland
- 2000-2001** **Teaching assistant**
University of Rennes, France

Clinical

- since 2016** **Clinical neuropsychologist**
40% from 04/01/2016 to present
Neurology Department, University Hospitals of Geneva, Switzerland
- 2002-2009** **Clinical neuropsychologist (100%)**
Neurology Department, Pontchaillou University Hospital, Rennes, France
- 2001-2002** **Internship in Neuropsychology (100%)**
Brittany Regional Memory Resource and Research Centre (CMRR)
Neurology Department, Pontchaillou University Hospital, Rennes, France

Career break

- 2017-2019** **Maternity leave**
An extended period of maternity leave to bring up my daughter until she is old enough to start nursery school

Neuropsychologist or investigator for institutionally funded clinical trials

since 2014	Neuropsychologist and principal investigator – “ <i>Role of the cerebellum in emotional processing: insights from stroke patients</i> ” - Department of Neurology, Geneva University Hospitals (Collab. Drs Saj and Assal)
2013-Present	Neuropsychologist and investigator - " <i>Electrophysiological activity of the subthalamic nucleus in response to emotional prosody in patients suffering from Parkinson's disease and obsessive-compulsive disorders</i> " - Department of Neurology, Geneva University Hospitals (Collab. Prof. Pollak)
2012-Present	Neuropsychologist and investigator - " <i>Emotional processing in cerebellar stroke patients</i> " - Department of Neurology, Geneva University Hospitals (Collab. Dr Saj)
2010-Present	Neuropsychologist - " <i>Treatment of severe, treatment-resistant OCD by high-frequency stimulation of the ventral striatum and subthalamic nucleus. Randomized single-blind clinical trial with medical and economic assessment</i> " ('STOC2' protocol - National programme for funding expensive innovative techniques, PSTIC). Sponsor: Bordeaux University Hospital
2009-Present	Neuropsychologist and investigator - ‘Stroke and Emotions’ protocol (National hospital-based clinical research programme, PHRC): " <i>Emotional processes and basal ganglia: Neuropsychological and neurophysiological study of modifications in emotional experience in patients in the chronic phase of ischaemic stroke. A pilot study</i> ". PIs: Prof. Timsit, Department of Neurology, Brest University Hospital & Prof. Vérin,
2009-Present	Neuropsychologist - ‘STOC UNI-BIL’ protocol (National PHRC): " <i>Non-inferiority study of the effect of treating severe and treatment-resistant forms of obsessive-compulsive disorder by high-frequency right or left unilateral versus bilateral stimulation of the subthalamic nucleus</i> ". PI: Dr Jaafari, University Hospital Centre, Poitiers, France
2009-Present	Neuropsychologist and investigator - ‘EMODES’ protocol (funding from the Brittany Regional Centre for Innovation and Technology Transfer, CRITT): " <i>fMRI investigation of emotional prosody and decision-making in depressive patients likely to attempt suicide</i> ". PI: Dr Travers, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Adult Psychiatry, Rennes University Hospital, France
2008-2013	Neuropsychologist - ‘Pré-STHYM’ protocol (private-sector funding from Medtronic): " <i>Preliminary study assessing the effectiveness of deep brain stimulation in patients suffering from chronic, treatment-resistant depression</i> ". PI: Prof. Millet, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Adult Psychiatry, Rennes University Hospital, France
2008-2013	Neuropsychologist - Ancillary study to ‘Pre-STHYM’ protocol: " <i>Effect of the chronic stimulation of the ventral striatum in depression on sexual and eating behaviour</i> ". PI: Dr Drapier, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Neurology, Rennes University Hospital, France
2008-2013	Neuropsychologist and investigator - Ancillary study to ‘Pre-STHYM’ protocol: " <i>¹⁸FDG-PET study of modifications in brain glucose metabolism in patients suffering from chronic, treatment-resistant depression receiving stimulation of the ventral striatum</i> ". PI: Dr Le Jeune, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Nuclear Medicine, CRLCC Eugène Marquis, Rennes, France

2008-2011	Neuropsychologist and investigator - ‘APOTEP’ protocol (private-sector funding from the Aguetant and Orkyn laboratories): <i>"Effect of continuous dopaminergic stimulation via apomorphine pump on motor, cognitive and mental fluctuations in advanced Parkinson's patients and ¹⁸FDG-PET cerebral metabolic correlates"</i> . PI: Prof. Vérin, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Neurology, Rennes University Hospital, France
2006-2008	Neuropsychologist - ‘STOC’ protocol (National PHRC): <i>"Treatment of severe obsessive-compulsive disorder by continuous bilateral subthalamic nucleus high-frequency deep brain stimulation"</i> . PI: Dr Mallet. Sponsor: Paris Public Hospital Authority, Regional Clinical Research Division
2005-2007	Neuropsychologist - ‘STIMPARK II’ protocol (Rennes University Hospital Clinical Research Committee, COREC): <i>"Analysis of selective attention mechanisms at different stages in the processing of emotional information in stimulated Parkinsonian patients"</i> . PI: Prof. Vérin, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Neurology, Rennes University Hospital, France

Consultant or investigator for privately-funded clinical trials

2010-2011	Neuropsychologist – Boston Scientific – Neuromodulation Division - VANTAGE STUDY Vercise™ implantable stimulator for treating Parkinson's disease
2010-2011	Neuropsychologist – Pierre Fabre Laboratories – Phase-II study assessing the effect of 6 months' treatment with DC158AM on the fatigue of patients with Parkinson's disease
2010-2011	Neuropsychologist – Lundbeck – Phase III of the 11018 study assessing the effectiveness and tolerance of Memantine® in patients with Parkinson's disease and Lewy body dementia
2003-2004	Neuropsychologist –Pharmacyclics – Phase II of the PCYC-0211 study assessing the effectiveness of injections of Xcytrin® (otexafin gadolinium) in the treatment of brain metastases in patients with cancer
2003-2004	Consultant – Sanofi Synthélabo – Phase II of the EFC 5286 study assessing the effectiveness and tolerance of SR57667B in patients in the mild to moderate stages of Alzheimer's disease
2003-2004	Neuropsychologist – Servier Laboratories – CORX-CX516-012 study assessing the effectiveness and tolerance of CX516 in patients with mild cognitive impairment (MCI)
2003-2004	Neuropsychologist – Lundbeck – Phase III of the 99679 study assessing the effectiveness and tolerance of Memantine® in patients in the mild to moderate stages of Alzheimer's disease

Research grant support

As principal investigator or co-applicant

- 2016** **Swiss National Science Foundation** - CHF 305.6 K
"Integration of acoustic information and attentional processes in human emotional prosody decoding" (N° 105314_140622)
Co-applicant
- 2014** **Butticaz Foundation** - CHF 4 K = € 3.2 K
"Role of the basal ganglia in EMDR therapy efficacy"
PI
- 2012** **Faculty of Psychology, University of Geneva** - CHF 2.5 K
For the organization of an international congress entitled *"What does human intracerebral recording tell us about emotions?"* held in Geneva on Sept. 19-21st, 2012
PI
- 2012** **Swiss National Science Foundation** - CHF 10 K
For the organization of an international congress entitled *"What does human intracerebral recording tell us about emotions?"* held in Geneva on Sept. 19-21st, 2012
PI
- 2012** **NCCR Affective Sciences** - CHF 20 K
For the organization of an international congress entitled *"What does human intracerebral recording tell us about emotions?"* held in Geneva on Sept. 19-21st, 2012
PI
- 2009-2011** **AXA Research Fund postdoctoral fellowship*** - € 120 K
"Electrophysiological activity of the ventral striatum during the processing of emotional prosody in patients with chronic, treatment-resistant depression".
PI
***Of note: Worldwide invitation to tender, 26 projects selected in 2009 across all disciplines**

As investigator²

- 2012-2015** **Swiss National Science Foundation (SNSF)** - CHF 440 K = € 356
"Functional specialization and integration of the basal ganglia in human emotional prosody decoding" (No. 105314_140622)
PI: Prof. Grandjean
- 2010-2014** **Hospital-Based Clinical Research Programme (PHRC-IR)** - €120 K
"Electrophysiological activity of the subthalamic nucleus during the processing of emotional and motivational information in patients with Parkinson's disease"
PI: Prof. Vérin

² I designed and wrote these projects but were unable to be considered as PI because these grants were financing my own position

- 2010-2014** **Emergent Challenges of the Department for Research and Innovation, University of Rennes - € 12 K**
"Electrophysiological activity of the subthalamic nucleus during the processing of emotional and motivational information in patients with Parkinson's disease"
PI: Prof. Vérin
- 2007-2009** **University Hospital Clinical Research Committee (COREC), University of Rennes - € 28 K**
"Effects of subthalamic nucleus deep brain stimulation on the recognition of vocally expressed emotion in Parkinson's disease"
PI: Prof. Vérin
- 2005-2007** **Hospital-Based Clinical Research Programme (PHRC-IR) - €74 K.**
"Effects of subthalamic nucleus deep brain stimulation on social cognition in Parkinson's disease"
PI: Prof. Vérin

Major collaborations

Switzerland

University Hospitals of Geneva

- Neurology Dpt
 - Neuropsychology Unit - Dr. Saj
 - Behavioral and cognitive Neurology Unit - Dr. Assal
 - Movement Disorders Unit - Professors Burkhard and Krack
 - Epileptology Unit - Professor Seeck
 - Clinical electrophysiology Unit - Dr. Boex and Tyrand
 - Neuroimmunology Unit - Professor Lalive d'Epinay
- Neurosurgery Dpt - Professor Schaller and Dr Momjian
- Psychiatry Dpt - Professor Mallet

University of Geneva

- Faculty of Psychology and Educational Sciences
 - Neuropsychology of emotion - Professor Grandjean
 - Methodology and data analyses - Professors Renaud & Ghisletta
 - Applied psychology - Professor Desrichard
 - Cognitive aging - Professor Kliegel
 - Psychometrics and personality - Dr. Lecerf

Lausanne University Hospital

- Neurosurgery Dpt - Dr Bloch

University of Zurich

- Institute of Psychology - Prof. Fruehholz

France

University Hospital of Rennes

- Neurology Dpt & EA-4712 Behavior and Basal Ganglia - Prof. V  rin
- Neurosurgery Dpt - Dr. Haegelen
- Clinical Neurophysiology Dpt - Dr. Sauleau
- Adult Psychiatry Dpt - Prof. Drapier
- UMR 1099 LTSI, M  dicis INSERM - Dr. Jannin

University Hospital of Poitiers

- Adult Psychiatry Dpt & Clinical Investigation Center, INSERM 0802 - Prof. Jaafari

Piti  -Salp  tri  re University Hospital & Brain and Spine Institute, Paris

- Behavior, Emotion, and Basal Ganglia Group - Drs. Yelnik & N'Diaye

Belgium

Catholic University of Leuven

→ Cognitive Neuroscience Unit - Prof. Philippot

Germany

Heinrich Heine University and University Hospital of Düsseldorf

→ Neurology & Medical Psychology Dpt - Prof. Schnitzler & Dr. Wojtecki

Scientific coordination of multicentre projects

- Since 2014** **Coordinator of the neuropsychological assessments** of the study entitled: "*Deep brain stimulation in patients suffering from chronic, treatment-resistant depression*" ('STHYM' - National PHRC)
- PI: Prof. Millet - Sponsor: Rennes University Hospital
- Centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy, Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne and Pitié-Salpêtrière hospitals)
- Since 2014** **Coordinator of the ancillary study** entitled "*Electrophysiological activity of the ventral striatum during the processing of emotional prosody in patients with chronic, treatment-resistant depression*", within the framework of the 'STHYM' protocol (centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy, Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne and Pitié-Salpêtrière hospitals)
- Since 2008** **Coordinator of the ancillary study** entitled "*Effects of high-frequency subthalamic nucleus deep brain stimulation on the recognition of emotions communicated by the voice in patients with obsessive-compulsive disorder*", within the framework of the '**STOC UNI-BIL' protocol**. PI: Dr Jaafari, Department of Adult Psychiatry, Poitiers University Hospital, France. Sponsor: Poitiers University Hospital (centres involved: Clermond-Ferrand, Lyon, Marseille, Nancy, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne hospital)
- 2008-2013** **Coordinator of neuropsychological assessments** under the aegis of the '**Pre-STHYM' protocol** "*Preliminary study assessing the effectiveness of deep brain stimulation in patients suffering from chronic, treatment-resistant depression*". PI: Prof. Millet (centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy, Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne and Pitié-Salpêtrière hospitals)
- 2008- 2013** **Coordinator of the ancillary study** entitled "*Electrophysiological activity of the ventral striatum during the processing of emotional prosody in patients with chronic, treatment-resistant depression*", within the framework of the '**Pre-STHYM' protocol** (centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy, Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne and Pitié-Salpêtrière hospitals)

Invited conferences

- 2018** Conference at the Seminar of the Neuropsychology Unit, Hospital of Neuchâtel, Switzerland
- 2018** Conference at the Seminar of the Neurology/Neuropsychology Hospital of Fribourg, Switzerland (Dr Accola)
- 2018** Conference at the 10th International congress of neuropsychology of frontal lobes and executive functions, Angers, France (Professeur Allain)
- 2017³** Conference at the 37th European Winter Conference on Brain Research, Les Arcs 1800, France (Professeure Baunez)
- 2016** Chairperson at the International deep brain stimulation symposium, Charité University Hospital, Berlin (Prof. Kühn)
- 2016** Conference at the Seminar of the Interfaculty Center of gerontology (CIGEV), UNIGE (Prof. Kliegel)
- 2016** Conference and chairperson at the 11th International Congress on Non-Motor Dysfunctions in Parkinson's Disease and Related Disorders, 6–9 October 2016; Ljubljana, Slovenia
- 2016** Conference at the 29th European College of Neuropsychopharmacology, Vienna, Austria
- 2015** Conference at the Clinical Neuroscience Seminar, Lausanne University Hospital
- 2015** Conference at the Swiss Doctoral School in Affective Sciences, CISA, University of Geneva
- 2015** Conference and chairperson at the 15th European Congress on Clinical Neurophysiology, Brno, Czech Republic
- 2015** Conference at the French speaking Psychiatry and Neurological Society annual congress, Tours, France
- 2015** Conference at the Signoret annual congress, Unit Inserm U1077, Neuropsychology Laboratory, University of Caen (Prof. Eustache)

³ Declined for maternity leave

- 2014** Conference at the Geneva Motivation Lab, Faculty of Psychology, University of Geneva (Prof. Gendolla)
- 2014** Conference at the French Academy of Sciences, Rennes, France
- 2013** Conference at the Centre for Movement Disorders and Neuromodulation, Department of Neurology, Charité University Hospital, Berlin (Prof. Kühn)
- 2013** Conference at the Centre for Movement Disorders and Neuromodulation, Department of Neurology, Heinrich Heine University, Düsseldorf, Germany (Prof. Schnitzler)
- 2013** Conference at the Department of Neuropsychology, Geneva University Hospitals (Dr. Assal)
- 2013** Conference at the Brain and Spine Institute, Paris (Prof. Mallet)
- 2013** Conference at the Department of Neurology, Geneva University Hospitals (Prof. Pollak)
- 2010** Conference at the French speaking Neuropsychological Society annual congress, Lille, France
- 2009** Conference at the French speaking Neurological Society annual congress, Lille, France

Teaching

Graduate

- Since 2016** Lecturer "*Neuropsychology of habit*" (semester seminar in French, 3 ECTS), M2 in Affective and Clinical Psychology, Department of Psychology and Educational Sciences, University of Geneva, Switzerland
- Since 2016** Lecturer "*Experimental Neuropsychology: emotional processing in Parkinson's disease*" (3hrs lecture in English), M2 in Neuroscience, Department of Medecine, University of Geneva, Switzerland
- Since 2014** Lecturer "*Emotional processing in Parkinson's disease*" (2hrs lecture in French), National French Master (M2) in Neuropsychology and Neuroscience, University of Lyon 2, France
- Since 2013** Lecturer "*Behavioural Integration, Action Organisation, and Emotional Processing*" (semester seminar in French, 3 ECTS), M2 in Affective Psychology and Neuroscience, Department of Psychology and Educational Sciences, University of Geneva, Switzerland
- 2007-2009** Lecturer "*Neuropsychology of Human Memory*" (6hrs lecture in French), "*Neuropsychology of Instrumental Functioning*" (4hrs lecture in French), "*Neuropsychology of Executive Functions*" (4hrs lecture in French), "*Neuropsychology of Emotional Processes and Social Cognition*" (4hrs lecture in French), M2 in Animal and Human Behaviour, Department of Life and Environmental Science, University of Rennes I, France
- 2006-2009** Lecturer "*Clinical Neuropsychology, a Cognitive Approach*" (4hrs lecture in French), "*Deep Brain Stimulation in Neuropsychiatric Pathologies*" (4hrs lecture in French) M1 in Animal and Human Behaviour, University of Rennes I, France
- 2004-2005** Lecturer "*The Neuroanatomy of Language*" (4 hrs lecture in French), M2 in Cognitive Psychology, Department of Cognitive Psychology, University of Rennes, France

Postgraduate

- Since 2018** Lecturer "*Intracranial recordings and human emotions*" (4 hrs lecture in English), University Diploma in Stereotaxy and Psychiatry, Assistance Publique des Hôpitaux de Paris, Paris, France
- Since 2018** Lecturer "*Neuropsychology of Emotional Processes and Social Cognition*" (4hrs lecture in French), Master in Clinical Neuroscience, University of Upper Brittany, Rennes, France
- 2005-2006** Lecturer "*Neuropsychological Assessment of Dementias*" (6hrs lecture in French), Postgraduate specialization and diploma in geriatrics, Faculty of Medicine, University of Rennes I, France

Continuing Education

- Since 2015** Organization of the Annual Continuing Education Conference of the Swiss Association of Neuropsychologists (about 80-100 participants each year)
- 2018 topic: « *Memory systems throughout the lifespan* »
 - 2017 topic: « *Contribution and limits of neuroimaging in clinical neuropsychology: from diagnosis to rehabilitation* »
 - 2016 topic: « *Clinical neuropsychology of emotion* »
- 2016** Lecture entitled “*Toward an integrative approach in clinical neuropsychology of emotion*”, Annual Continuing Education Conference of the Swiss Association of Neuropsychologists

Online training and other medias

- 2016** Participation of the Massive Open Online Course (MOOC) in Neuroscience entitled: "*Audition, language, music*"
- 2003** Participation in the development of a DVD, in partnership with Lundbeck, on a neuropsychological tool for assessing patients in the advanced stages of Alzheimer's disease and associated disorders (Severe Impairment Battery, SIB) aimed at geriatricians and neurologists

Supervision

Post-doctoral level

Since 2013 Dr BENIS, Faculty of Psychology, University of Geneva, CH
Basal ganglia, rythm and vocal emotion

PhD

Since 2017 M^{me} Murray, FPSE, Faculty of Psychology, University of Geneva, CH
Visuo-spatial integration and vocal emotion

Master in Psychology

2015-2017 M^{me} Thomasson, Faculty of Psychology, University of Geneva, CH
M^{me} Doudenkova, Faculty of Psychology, University of Geneva, CH
M^{me} Cobarro, Faculty of Psychology, University of Geneva, CH
M^{me} André, Faculty of Psychology, University of Geneva, CH
2014-2016 M^{me} Correa-Batiz, Faculty of Psychology, University of Geneva, CH
M^{me} Gavand, Faculty of Psychology, University of Geneva, CH
2012-2014 M^{me} Siegenthaler, Faculty of Psychology, University of Geneva, CH
2012-2014 M^{me} Python, Faculty of Psychology, University of Geneva, CH
2009-2010 M^{me} Guillemot, Faculty of Psychology, University of Rennes, France

Clinical placement in neuropsychology

2016-2017 M^{me} Bapst, University Hospitals of Geneva, CH
M^{me} Müller, University Hospitals of Geneva, CH
2015-2016 M^{me} Collignon, University Hospitals of Geneva, CH
M. Genoud-Prachex, University Hospitals of Geneva, CH
2009-2010 M^{me} Guillemot, University Hospital of Rennes, France
2008-2009 M. Christen, FPSE, University Hospital of Rennes, France

Theses in medicine

2010 Dre Gibou, Neurology, University Hospital of Rennes, France
2009 Dre Ory, Neurology, University Hospital of Rennes, France
Dre el Tamer, Psychiatry, University Hospital of Rennes, France

Examiner

PhD theses

2016 M^{me} Argaud, PhD in Psychology, FPSE, UNIGE

Master level in Psychology

2016 M^{me} Boeri, Master in Psychology, FPSE, UNIGE

2015 M^{me} Jeanmonod, Master in Psychology, FPSE, UNIGE

M^{me} Chaabi, Master in Psychology, FPSE, UNIGE

M^{me} Domingos Felicio, Master in Psychology, FPSE, UNIGE

2014 M^{me} Malagurski, Master in Neuropsychology, Lyons, Toulouse and Grenoble Universities, France

Theses in Medicine

2006 Dr Lazar, thesis of general medicine

University and non-university scientific services

- Since 2016** Member of the Board, Swiss Association of Neuropsychologists (ASNP)
- Since 2015** Member of the Continuing Education Committee, Swiss Association of Neuropsychologists (ASNP)
- Since 2014** Member of the scientific jury of the French Master in Neuropsychology, University of Lyon, Toulouse and Grenoble, France
- Since 2013** Member of the scientific jury of the Swiss Master in Psychology, University of Geneva, Switzerland
- Since 2013** Member of the Faculty Program Committee, Faculty of Psychology, University of Geneva, Switzerland
- Since 2013** Member of the scientific committee, European Clinical Neurophysiology Society
- Since 2012** Member of the Section of Neuropsychology of the French group of Neuromodulation by implanted material (“Club français de Neuromodulation par Matériel Implanté”)
- 2002-2009** Participation in the creation of the Network of Neuropsychologists of Brittany
- 2002-2006** Vice President of the *Association of Neuropsychology Students* of Caen, Fr

Congress organization

- 2012** Member of the scientific and organizing Committee of the “*15th European Congress on Clinical Neurophysiology*”, Brno, Czech Republic
- 2012** Organization - together with Profs. Grandjean and Vuilleumier, and Dr Saj - of the international congress "*What does human intracerebral recording tell us about emotions?*" held in Geneva on Sept. 19-21st, 2012.

Articles in peer-reviewed journals

* As first or last author

2018 or in press⁴

Bouthour, W., Wegrzyk, J., Momjian, S., **Péron, J.**, Fleury, V., Tomkova Chaoui, E., Horvath, J., Boëx, C., Lüscher, C., Burkhard, P., Krack, P., Zacharia, A. (2018) Short pulse width in subthalamic stimulation in Parkinson's disease: a randomized, double-blind study. *Movement Disorders*, 33, 169-173.

2017⁴

***Péron, J.**, Renaud, O., Haegelen, C., Sauleau, P., Tamarit, L., Milesi, V., Houvenaghel, J.F., Dondaine, T., Vérin, M., Grandjean, D. (2017) Electrophysiological activity of the subthalamic nucleus in response to emotional prosody: an intracranial ERP study in Parkinson's disease. *Brain and Language*, 168, 1-11.

2016

*Ory, S., Le Jeune, F., Haegelen, C., Vicente, S., Philippot, P., Vérin, M., **Péron, J.** (2016). Prefrontal-insular- cerebellar modifications correlate with disgust feeling blunting after subthalamic stimulation: a PET study in Parkinson's disease. *Journal of Neuropsychology*, doi:10.1111/jnp.12094.

***Péron, J.** (2016) [Neuropsychological care of patients undergoing deep brain stimulation in neurology and psychiatry: towards an individualized, integrated approach] *Revue de Neuropsychologie*, 8, 16-24.

***Péron, J.**, Frühholz, S., Ceravolo, L., Grandjean, D. (2016) Structural and functional connectivity of the subthalamic nucleus during vocal emotion decoding. *Social Cognitive and Affective Neuroscience*, 11(2): 349-356.

2015

Houvenaghel, J.F., Le Jeune, F., Dondaine, T., Esquevin, A., Robert, G., **Péron, J.**, Haegelen, C., Drapier, S., Jannin, P., Lozachmeur, C., Argaud, S., Duprez, J., Drapier, D., Vérin, M., Sauleau, P. (2015) Reduced verbal fluency following STN-DBS: a frontal-related cognitive deficit? PLoS ONE, DOI: 10.1371/journal.pone.0140083

*Ory, S., Le Jeune, F., Haegelen, C., Vicente, S., Philippot, P., Vérin, M., **Péron, J.** Prefrontal-insular-cerebellar modifications correlate with disgust feeling blunting after subthalamic stimulation: a PET study in Parkinson's disease. *Journal of Neuropsychology*.

***Péron, J.**, Piolino, P., Desgranges, B., Eustache, F., Belliard, S. Preservation of person-specific semantic knowledge in Semantic Dementia: does the direct personal experience have a specific role? *Frontiers in Human Neuroscience*.

⁴ Extended maternity leave from April 2017 to February 2019

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- *Drapier, D., **Péron, J.**, Leray, E., Sauleau, P., Biseul, I., Drapier, S., Le Jeune, F., Travers, D., Bourguignon, A., Haegelen, C., Millet, B., & Vérin, M. (2008). Emotion recognition impairment and apathy after subthalamic nucleus stimulation in Parkinson's disease have separate neural substrates, *Neuropsychologia*, 46(11), 2796-2801. (2012 IF = 3.5; citations = 47) **#shared first authorship**
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Editorials

- ***Péron, J.**, & Grandjean, D. (2014). What does human intracerebral recording tell us about emotions? [Editorial of special issue]. *Cortex*, 60, 1-2. (2012 IF = 6.1; citations = 1)

Chapters

- *Collignon, A., Thomasson, M., Saj, A., Grandjean, D., Assal, F., **Péron, J.** (2018). Reconnaissance de la prosodie émotionnelle suite à un accident vasculaire du cervelet. In J. Péron (Ed.), *Cas cliniques en neuropsychologie de l'émotion*. Paris : Dunod.
- ***Péron, J.**, Christen, A., & Grandjean, D. (2013). Que peuvent apporter les enregistrements électrophysiologiques intracérébraux chez l'Homme dans la compréhension des processus émotionnels? In S. Delplanque & P. Hot (Eds.), *Electrophysiologie de la cognition* (pp. 77-98). Paris: Dunod.
- Belliard, S., **Péron, J.**, Lemoal, S., Golfier, V., Vanberten, M., & Vercelletto, M. (2005). Communication et troubles sémantiques dans les démences. In B.-F. Michel, F. Verdureau, & P. Combet (Eds.), *Monographies du Groupe de recherche sur la maladie d'Alzheimer, communication et démence* (pp. 161-177). Marseilles: Solal.

Published abstracts

- ***Péron, J.** (2016) The role of the subthalamic nucleus in emotional processing. *Clinical Neurophysiology*, 127 (3), e39
- ***Péron, J.**, Haegelen, C., Sauleau, P., Tamarit, L., Milesi, V., Houvenaghel, JF., (...) & Grandjean, D. (2014). Electrophysiological activity of the subthalamic nucleus in response to emotional prosody: An intracranial ERP study in Parkinson's disease. *Movement Disorders*, 29, S284-S285

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- ***Péron, J.**, Cekic, S., Haegelen, C., Sauleau, P., Drapier, D., Verin, M., & Grandjean, D. (2013). Influence of the relevant acoustic features on the recognition of emotional prosody following subthalamic nucleus deep brain stimulation in Parkinson's disease. *Behavioral Neurology*, 27, 297-461. (2012 IF = 1.3)
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- ***Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Sauleau, P., Haegelen, & Vérin, M. (2007). Recognition of negative emotions is impaired by subthalamic nucleus deep brain stimulation in Parkinson's disease. *Movement Disorders*, 22 (suppl. 16), S51. (2012 IF = 4.5)

- ***Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Thomas-Ollivier, V., Cohen, R., & Vérin, M. (2007). Social cognition and emotional recognition in early and late stages of Parkinson's disease. *Movement Disorders*, 22 (suppl. 16), S62. (2012 IF = 4.5)
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- Rouaud, T., Drapier, S., **Péron, J.**, Leray, E., Sauleau, P., Rolland, Y., & Vérin, M. (2007). Radiological and clinical predictive factors of long-term outcome of bilateral subthalamic stimulation in advanced Parkinson's disease. *Movement Disorders*, 22 (suppl. 16), S63. (2012 IF = 4.5)
- Gillioz, A.-S., **Péron, J.**, Leray, E., Drapier, S., Sauleau, P., Drapier D., Stefani, C., & Vérin, M. (2007). Comparative cognitive quality of life and motor long term follow up of subcutaneous continuous infusion of apomorphine or subthalamic nucleus deep brain stimulation in patients with advanced Parkinson's disease. *Neurology*, 68 (suppl. 1), A384. (2012 IF = 8.3)
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- Drapier, S., Rouaud, T., **Péron, J.**, Leray, E., Rolland, Y., & Vérin, M. (2007). Pedunculopontine nucleus lesions in preoperative MRI are predictive for worsening of axial symptoms after STN-DBS in Parkinson's disease. *Neurology*, 68 (suppl. 1), A383. (2012 IF = 8.3)
- Drapier, S., **Péron, J.**, Rouaud, T., Leray, E., Rolland, Y., & Vérin, M. (2006). Pedunculopontine nucleus lesions in preoperative MRI are predictive for worsening of axial symptoms after STN-DBS in Parkinson's disease. *Movement Disorders*, 21 (suppl. 15), P1271. (2012 IF = 4.5)
- Gillioz, A.-S., **Péron, J.**, Leray, E., Drapier, S., Sauleau, P., Drapier D., Stefani, C., & Vérin, M. (2006). Comparative motor, cognitive and quality of life long term follow up of subcutaneous infusion of apomorphine or subthalamic nucleus deep brain stimulation

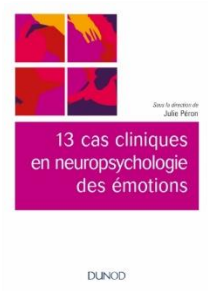
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Stefani, C., Drapier, S., **Péron, J.**, Sauleau, P., & Vérin, M. (2005). Continuous subcutaneous apomorphine infusion: An effective and cognitive well-tolerated solution for untreatable motor fluctuations in patients with Parkinson's disease. *Neurology*, 64 (suppl. 1), A396. (2012 IF = 8.3; citations = 4)

Stéfani, C.-V., Drapier, S., **Péron, J.**, Sauleau, P., Biseul, I., & Vérin, M. (2005). Continuous subcutaneous apomorphine infusion: An effective and cognitive well-tolerated solution for untreatable motor fluctuations in patients with Parkinson's disease. *Movement Disorders*, (suppl.10):S2. (2012 IF = 4.5)

Editing and reviewing

Editor



2018

Péron, J. (Ed.). [Clinical Cases in Neuropsychology of Emotion]. Paris: Dunod.

2014

Guest Editor of a special issue published in *Cortex* entitled "*What does human intracerebral recording tell us about emotions?*"

Journal reviewer (selection)

Brain - Brain and Cognition - Brain Topography - Clinical Physiology and Functional Imaging - Computer in Biology and Medicine - Emotion Review European Journal of Neurology - Frontiers in Human Neuroscience - Movement Disorders - Neuropsychologia - Neuropsychology - Parkinsonism and Related Disorders - Social and Affective Neuroscience - Social Neuroscience

Grant reviewer

- French National Agency for Research (ANR, France)
- Auckland Medical Research Foundation Project Grant (New Zealand)
- Translational and Clinical Research Committee of the University Hospital of Rennes (France)
- Belgian National Agency for Research (FNS, Belgium)
- Alzheimer France
- Parkinson's UK (Grande Bretagne)
- Aquitaine Region Council (France)

Abstract Conference reviewer

- InterSpeech
- International Society for Research on Emotion (ISRE)

Education and communication for the lay community

- 2015** **Organization of an interactive workshop** for open days of the Faculty of Psychology and Educational Sciences (University of Geneva)
- 2014** **Newspaper article** entitled "L'Académie des Sciences en Bretagne", published by Magazine ArMen, La Bretagne Eclairée, N°201, p. 68
- 2014** **Communication article** entitled "En bref ... Sciences Affectives. Numéro Spécial du journal Cortex édité par Julie Péron & Didier Grandjean" published by the *Journal de l'Unige* (University of Geneva)
- 2012** **Newspaper interview** entitled "Vous cherchez? Les bases cérébrales des émotions" [Looking for the cerebral bases of the emotions], published by *La Tribune de Genève*, March 3rd, 2012. <http://journal.tdg.ch/bases-cerebrales-emotions-2012-02-27>
- 2012** **Television programme.** Info TSR - TSR Découverte entitled "Pourquoi rit-on?" [Why do we laugh?] aired on Télévision Suisse Romande, February 20th, 2012. <http://www.rts.ch/video/info/journal-12h45/3797714-tsr-decouverte-pourquoi-rit-on.html>
- 2011** **Television programme.** Special edition of 36.9° entitled "Parkinson: Lenteurs et tremblements" [Parkinson's: Slowness and shaking], aired on Télévision Suisse Romande (TSR1), March 30th, 2011. <http://www.tsr.ch/emissions/36-9/3049550-parkinson-lenteurs-et-tremblements.html>
- 2010** **Press release** entitled "Parkinson's disease makes it harder to figure out how other people feel" published by the **American Psychological Association** (APA), March 3rd, 2010.
- 2010** **Newspaper article** entitled "Parkinson's disease makes it harder to figure out how other people feel" published by **The New York Times**, March 3rd, 2010.
- 2010** **Newspaper article** entitled "Parkinson's patients unable to recognize emotions" published by **The Times of India**, March 4th, 2010.
- 2010** **Online articles** regarding the paper "Péron, J., Biseul, I., Leray, E., Vicente, S., Le Jeune, F., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., & Vérin, M. (2010). Subthalamic nucleus stimulation affects fear and sadness recognition in Parkinson's disease. *Neuropsychology*, 24(1), 1-8", published by **Science Daily.com**; **Medical News Today.com**; **Elements4health.com**; **Lab Spaces.net**; **E-Psychology.us**; **Expert-reviews.com**; **NewsRx.com**; **The Mental Health Social Worker.org**
- 2010** **Communication article** entitled "Understanding the link between the brain and electrodes in the perception of emotions - Le cerveau, l'électrode et la perception des émotions", published by **ECHO**, the AXA research fund magazine, November 10th, 2010, p. 14-17.

- 2010** *Newspaper article* entitled "*Le cerveau écoute les émotions négatives*" [Our brain listens to negative emotions], published by *Science & Vie*, May 2010, page 17.
- 2010** *Communication article* entitled "*Un cerveau à l'écoute des émotions - Une équipe franco-genevoise lève une barrière dans le domaine de la stimulation cérébrale profonde des patients atteints de la maladie de Parkinson*" [A brain that listens to emotions – A Franco-Genevan team removes a barrier in the deep brain stimulation of patients with Parkinson's disease], published by the *Journal de l'Unige* (University of Geneva), March 2010, no. 31, page 14.
- 2010** *Lay audience lecture*. Invited lecture at the *Night of Science* (July 10-11, 2010), Geneva, Switzerland. Lecture entitled "*Le cerveau stimulé. Que peut nous apprendre la stimulation cérébrale profonde sur les émotions humaines?*" [The stimulated brain. What can deep brain stimulation tell us about human emotions?].
- 2003** *DVD*. Participation in the development of a DVD, in partnership with *Lundbeck*, on a neuropsychological tool for assessing patients in the advanced stages of Alzheimer's disease and associated disorders (Severe Impairment Battery, SIB) aimed at geriatricians and neurologists (2003).