IPSY

Institut de recherche en Sciences Psychologiques

Louvain-la-Neuve

Rapport d’activités 2015
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For a research institute president, introducing an annual report is an exciting but difficult task, as summarizing one year of intense activities in a few sentences is a tricky responsibility. Indeed, by directing the reader's attention towards some activities, the risk is high to put all the other activities in the shade.

In 2015, the Psychological Sciences Research Institute (IPSY) has brought together about 240 senior and junior researchers and 10 staff members, all united to further the understanding of the psychological and educational processes underlying human behaviour, at the individual, group and/or society levels. One hundred and sixty funded research projects and 107 doctoral theses are currently in progress in the Institute. During the past year, 12 doctoral theses have successfully come to their end, and IPSY has permanently welcomed three new researchers: Annalisa Casini (research domain: Social behaviour, work and society), Olivier Collignon (research domain: Cognition and neurosciences) and Frederic Nils (research domain: Developmental and educational psychology). The Institute has financially supported 34 internal research seminars with foreign invited speakers, 24 abroad meeting attendances for junior researchers, 7 training sessions for staff members, and has organised a series of general public conferences on research and societal topics of broad interest. Last but not least, IPSY members have published not less than 230 journal articles, most in the best journals of their fields, chapters and books. Most of this was done under the mandate of the previous executive Bureau, Olivier Corneille (pres.), Donatienne Desmette, Pierre Feyereisen, Benoit Galand, Moira Mikolajczak, Stéphane Grade and Aliette Lochy, who we warmly thank for their involvement in our Institute.

But the research activities of IPSY members do certainly not boil down to these figures. Beyond these factual measures of research outputs, there are thousands of hours of article reading and writing, observation and participant testing, passionate discussions and brainstorming, as well as moments of disheartening doubt and of unshakeable certainty. Because these aspects, much more than bibliometric indexes, are what research is really about, I hope the readers of this report will be able to read them between the following lines.

Mauro Pesenti
President
Informations générales
Gestion de l’institut

Président de l’Institut
Mauro Pesenti
mauro.pesenti@uclouvain.be
+32 10 47 88.22

Bureau IPSY
Le Bureau IPSY est composé des membres suivants :

Du 1/1/15 au 31/8/15
- Président : O. Corneille
- Gestionnaire de recherche : N. Fraselle
- Membres académiques : D. Desmette, P. Feyereisen, B. Galand, M. Mikolajczak
- Membre du personnel scientifique temporaire : A. Lochy
- Membre du personnel administratif et technique : Y. Nivaille

Du 1/9/15 au 31/12/15
- Président : M. Pesenti
- Gestionnaire de recherche : N. Fraselle
- Membres académiques : S. Beausaert, J. Billieux, A. Szmalec, V. Yzerbyt
- Membre du personnel scientifique temporaire : M. Alsamour
- Membre du personnel administratif et technique : Y. Nivaille

Equipe administrative

- Nadine FRASELLE : Gestionnaire de recherche et Coordinatrice Administrative de l’Institut
- Marianne BOURGUIGNON : Secrétariat de proximité et assistance éditoriale
- Brigitte CHAMPAGNE : Secrétariat de proximité et communication + CPS
- Dominique DEWATINES : Secrétariat de proximité et gestionnaire d’enquêtes
- Nadine DIDIER : Secrétariat de proximité et pool de participants à des recherches
- Isabelle LEGRAIN : Secrétariat de proximité, gestionnaire logistique et comptable
- Yolande NIVAILLE : Secrétariat de proximité et secrétariat central de l’Institut
- Dominique HOUGARDY : Multimédia et assistance technique
- Nathalie LEFEVRE : Cellule statistique
- Pierre MAHAU : Informatique de recherche et électronique
Informations générales

Services aux chercheurs

Les services de support administratif, technique et logistique à la recherche sont décrits ci-après : coordination administrative de l’Institut, gestion de la recherche, secrétariats de proximité et tâches transversales, Consultations Psychologiques Spécialisées, consultation statistique, service multimédias et webdesign, informatique de recherche et électronique, commission d’éthique, pool de participants à des recherches.

Coordination administrative de l'Institut (CAI)

Le travail administratif au sein de l’Institut est organisé par la CAI au travers des activités suivantes : réunions d’équipe, vade mecum, procédures et bases de données, coaching, processus de travail partagés, contrôle des résultats, gestion des dossiers de promotion, évaluations périodiques professionnelles du personnel administratif, procédure de recrutement. En ce qui concerne les services logistiques internes de support à la recherche, la CAI :

- a conseillé les doctorant(e)s et instruit les demandes d’indemnisation lors d’une participation à un congrès ;
- a instruit les demandes d’indemnisation relatives à l’accueil d’invité·e·s dans les séminaires IPSY ;
- a instruit les demandes de statuts particuliers (collaborateurs scientifiques, certificats de recherche, boursiers étrangers), les demandes d’adhésion de membres sympathisants à l’institut, les offres et le suivi des projets collaboratifs ;
- a accompagné et guidé les mises à jour du portail de l’Institut ;
- a coordonné la collecte et les mises à jour des bases de données (REAL, Rapport d’activités 2015) ;
- a assuré le secrétariat de la commission d’éthique ;
- a aidé à réaliser les dossiers d’avancement de la carrière des membres du personnel PAT concernés en collaboration avec RHUM.

Gestion de la recherche (Gdr)

En ce qui concerne sa mission de support au développement de la recherche, la GdR :

- a participé aux journées d’information du FNRS et de l’UE en vue de connaître les nouvelles perspectives de financement de la recherche en sciences humaines ;
- a dispensé des conseils aux jeunes chercheurs en ce qui concerne leur carrière scientifique et leur projet de mobilité ;
- a aidé à l’élaboration de projets et à la gestion de contrats de recherche ;
- a supervisé le bon usage des laboratoires et équipements de recherche ;
- a supervisé l’organisation des activités de communication scientifique de l’Institut (séminaires IPSY, conférences Grand Public IPSY, IPSY-DAY) ;
- a encouragé l’implication des groupes de recherche dans des projets et dans des réseaux par des contacts individuels et au travers du bulletin d’information périodique.

Secrétariats de proximité et tâches transversales

Chaque membre PACS bénéficie de services administratifs et comptables à concurrence de 10% EFT (environ 4h/sem.). La répartition du travail des secrétaires en tâches de proximité (TP) et en tâches transversales (TT) permet d’offrir des services collectifs aux chercheurs et de consolider le développement de certains métiers au sein de l’université.

Les tâches de proximité comprennent la logistique de base (notes de frais, accueil, poste, téléphonie, équipement, courrier, locaux, petit matériel, etc.) ; la gestion des comptes ; la rédaction de procès-verbaux ; la convocation et l’organisation de réunions ; la mise en page de courriers, documents, rapports, brochures, etc. ; la gestion des fournitures et équipements ; l’organisation des déplacements des chercheurs ; l’organisation des déplacements et du logement des membres du jury ainsi que des réceptions liées aux thèses ; la diffusion d’informations et leur archivage ; l’organisation de petits événements ; la gestion des copies d’examen ; la gestion des locaux (entrées et sorties).

Les tâches transversales sont les suivantes : secrétariat central (Y. Nivaille), CLC-cellule logistique et comptable (I. Legrain), assistance éditoriale (M. Bourguignon), assistance Lime Survey et gestion des locaux (D. Dewatines), événements et communication (B. Champagne), gestion du pool de participants à des recherches et conférences grand public (N. Didier).
CPS – Consultations Psychologiques Spécialisées

Dans le prolongement direct de leurs activités scientifiques, des groupes de recherche de l’Institut organisent des consultations spécialisées dans leurs domaines respectifs de compétence : troubles émotionnels – logopédie, neuropsychologie et psychomotricité – jeunes à haut(s) potentiel(s) – histoires de vie.

Le secrétariat des Consultations Psychologiques Spécialisées est assuré par IPSY à concurrence de 20% EFT (B. Champagne a remplacé G. Mendoza le 3/9/15).

Consultance statistique


Service multimédias et webdesign

Le service gère le prêt de matériel et offre des conseils en matière d’audio-visuel et multimédias dans le cadre des expérimentations. Les documents multimédias sont mis en forme et sont traités en conformité avec les règles déontologiques en matière de visionnage et de diffusion.

Informatique de recherche et électronique

Le support informatique et électronique IPSY assure le développement d’applications spécifiques à l’expérimentation, au recueil et au traitement des données, ainsi qu’un soutien dans l’élaboration, l’utilisation et la maintenance de dispositifs expérimentaux. Il dispense des conseils en matière de choix de matériel et de logiciels spécifiques, et assure une veille technologique. Les projets de développement d’applications informatiques et électroniques s’inscrivent dans une recherche précise ou répondent à des besoins spécifiques (interface de communication, production de tests, systèmes d’évaluation, systèmes d’enregistrement de données, etc.).

(i) Projets de développement en informatique
- AccAcq : logiciel d’acquisition et de traitement des données d’accélération en 3d
- FaceTales : logiciel d’entraînement à la reconnaissance d’émotions faciales
- Celeb : une batterie d’évaluation de la reconnaissance des visages célèbres et de l’accès aux noms propres
- SlotMachine : implémentation d’une machine à sous virtuelle

(ii) Projets de développement en électronique
- AirStim : système pneumatique à 8 canaux pour la stimulation tactile en IRMf
- ActiLog : système d’enregistrement en 3D des accélérations du poignet d’un enfant
- Production de systèmes de réponse (OSRBox, DictaPlayer)
Commission d'éthique

L’Institut IPSY a installé une Commission d’éthique qui veille à promouvoir et à faire respecter l’éthique dans les pratiques de recherche. En octobre 2015, N. Vermeulen a succédé à P. Feyereisen pour assurer la présidence de la commission.

Pool de participants à des recherches

Le pool de participants à des recherches permet aux chercheurs d’entrer en contact et de recruter des volontaires pour la réalisation de leurs études. Les contacts entre les chercheurs et les participants sont gérés en veillant à la confidentialité et au respect des règles éthiques.

Le pool comprend 518 participants ; 31 études ont été réalisées en 2015 avec l’aide de ce pool.
Domaines de recherche
Introduction

IPSY comprises four domains in which members conduct their research activities. These research domains are (i) Cognition and Neurosciences, (ii) Developmental and Educational Psychology, (iii) Clinical and Health Psychology, and (iv) Social Behaviour, Work and Society. Although each of these domains is characterized by specific methodological approaches and theoretical paradigms, as well as populations and/or particular studied situations, IPSY members are all united by the study of a common object: the psychological and educational processes underlying human behaviour, in children as well as adults, at the individual, group and/or society levels.

Domaine : Développement psychologique et éducation, Developmental and educational psychology

- Adolescence – Adolescence
- Apprentissage de la lecture et de l'écriture - Learning to read and write
- Apprentissages numériques - Number learning
- Attachement – Attachment
- Cognition sociale - Social cognition
- Complexité cognitive et prise de décision - Cognitive complexity and decision making
- Développement moral - Moral development
- Développement religieux - Religious development
- Développement vocationnel - Vocational development
- Difficultés scolaires - Learning problems
- Education au sport - Sport and education
- Enseignement, développement professionnel des enseignants, l'apprentissage informel, l'évaluation formative, l'apprentissage des employés âgés - Teaching and teacher education, professional development, informal learning, assessment for learning and the learning of aging employees
- Formation et apprentissage - Education and learning
- Formation entraîneurs - Coaching training
- Haut potentiel - Gifted and talented
- Intelligence – Intelligence
- Interventions en contexte scolaire - School context intervention
- Motivation et engagement - Motivation and engagement
- Parentalité – Parenting
- Pédagogie universitaire - University pedagogy
- Qualité de l'enseignement - Quality of teaching
- Régulation – Regulation
- Troubles du langage - Language disorders

Groupe(s) de recherche liés à ce domaine :

H2M Children
www.uclouvain.be/h2m-children

- Liste des chercheurs travaillant dans ce domaine

BAUDOIN Noémie
BAUGNIET Sacha
BEAUSAERT Simon*
BESTGEN YVES*
BOUDRENGHIEN Gentiane
BOURGEOIS Etienne*
BRAGARD Anne
COLLETTE Emilie
DANGOISSE Florence
DAYJames*
Domaines de recherche

DE CLERCQ Mikaël
DELLISSE Sébastien
DESMET Laetitia
DEVOS Christelle
DUVAL Sylvie
FRENAY Mariane*
GALAND Benoit*
GALDIOLO Sarah
GOSSE Claire
GREGOIRE Jacques*
HANCISSE Sophie
HOUSSA Marine
JACOBS Emilie
JACOT Anne
LECAT Antoine
LOOP Laurie
MAZZONE Stéphanie
MILSTEIN Catherine
MOUTON Bénédicte
NADER-GROSBOIS Nathalie*
NILS Frédéric*
PAQUOT Stéphanie
PIRE Marie
ROLAND Nathalie
ROSKAM Isabelle*
ROUSSEL Sandrine
SCHELSTRAETE Marie-Anne*
SCHMITZ Julia
SPONAR Régine
TOLMATCHEFF Chloé
VAN REYBROECK Marie*
VANDER STAPPEN Caroline

* Promoteur

Domaine : Cognition et neurosciences, Cognition and neurosciences

- Attention – Attention
- Cognition incarnée - Embodied cognition, grounded cognition
- Cognition numérique - Numerical cognition
- Cognition sociale - Social cognition
- Cognition visuelle - Visual cognition
- Connaissances conceptuelles - Conceptual knowledge
- Conscience – Awareness
- Dyscalculie développementale - Developmental dyscalculia
- Empathie, prise de perspective, théorie de l'esprit - Empathy, perspective taking, theory of mind
- Gestes manuels co-verbaux - Manual coverbal gestures
- Imagerie par Résonance Magnétique fonctionnelle (IRMf) - Functional Magnetic Resonance Imaging (fMRI)
- Neuropsychologie, dysfonctionnement cérébral, tests neuropsychologiques - Neuropsychology, brain damage, neuropsychological tests
- Langage : Développement du langage oral (lexique/syntaxe) - Période sensitive dans l'acquisition du langage - Implication de la mémoire (déclarative/procédurale) dans l'acquisition du langage - Bilinguisme - Bégaiement - Dyslexie - Language: Development of oral language (vocabulary/syntax) - sensitive period in language acquisition - Involvement of memory (declarative/procedural) in language acquisition - Bilingualism - Stuttering – Dyslexia
• Mémoire : Mémoire de travail - L'interférence (proactive) - Mémoire pour l'ordre sériel - Mise à jour de la mémoire - Fonctions exécutives/contrôle cognitif - Memory: Working memory - Interference (proactive) - Memory for serial order - Executive functions/cognitive control
• Neuropsychologie, dysfonctionnement cérébral, tests neuropsychologiques - Neuropsychology, brain dysfunction, neuropsychological tests
• Neuropsychologie de l'enfant - Child neuropsychology
• Perception et action - Perception and action
• Perception visuelle - Visual perception
• Potentiels évoqués - Evoqued potentials
• Prise de décision - Decision making
• Réorganisation cérébrale post-lésionnelle - Post-damage cerebral reorganization
• Stimulation Magnétique Transcrânienne (SMT) - Transcranial Magnetic Stimulation (TMS)
• Tomographie par Emission de Positrons (TEP) - Positron Emission Tomography (PET)

Groupes de recherche liés à ce domaine :
- Face categorization Lab
  www.nefy.ucl.ac.be/Face_Categorisation_Lab
- Goffaux Vision Research Lab
  http://www.goffauxlab.com/
- IVE LAB
  http://www.uclouvain.be/ivelab.html
- Numerical Cognition Group
  http://www.uclouvain.be/numerical-cognition.html
- Psy-NAPS
  http://www.psy-naps.org/
- Social Perception, Reasoning and Interaction Neuroscience Group (SpringLab)
  http://sites.google.com/site/thespringlab/

• Liste des chercheurs travaillant dans ce domaine

ALSAMOUR Marie
ANDRES Michaël*
ATTOUT Lucie
BECK Alexy
BEFFARA Brice
BIEROYE Aurélie
COLLIGNON Olivier*
CROLLEN Virginie
DE VISSCHER Alice
DONGO MILETICH Diana
DZHELYOVA Miléna
EDWARDS Martin*
FEYEREISEN Pierre*
GAO Xiaoqing
GOFFAUX Valérie*
GRADE Stéphane
GRYSPEERT Marie
HONORE Nastasya
JONAS Jacques
KEVER Anne
LACROI X Emilie
LELOUP Laetitia
LETESSON Clément
LIU Joan
LOCHY Aliette
MEERT Gaëlle
MEURRENS Sabine  
MICHEL Caroline  
MONTEDORO Vincenza  
NOEL Marie-Pascale*  
OR Chun Fai Charles  
ORDONEZ MAGRO Laura  
PESENTI Mauro*  
PETRAS Kirsten  
PEYKARJOU Stefanie  
PILLON Agnese*  
QUEK Geneviève  
RETTER Talia  
ROSSION Bruno*  
SAMSON Dana*  
SIMONIS Morgane  
SMALLE Eleonore  
SZMALEC Arnaud*  
VAN BELLE Goedele  
VAN DE WALLE DE GHELCKE Alice  
VAN DER LINDEN Lize  
VERMEULEN Nicolas*  
VOLCKAERT Alexandra  
WEISGERBER Anne  

*. Promoteur

Domaine : Psychologie clinique et de la santé, Clinical and health psychology

- Activité physique - Physical activity
- Addictions comportementales (cyberaddictions, jeu pathologique, achats compulsifs...) - Behavioural addictions (cyberaddictions, pathological gambling, compulsive shopping, ...)
- Intervention adolescents - Agency adolescent
- Approches trans-diagnostiques - Transdiagnostiques approaches
- Age subjectif - Subjective Age
- Blessure - Injury
- Comportement de prévention - Preventive behaviour
- Croyances de contrôle et d'auto-efficacité - Control beliefs and self-efficacy
- Développement de l'adulte et de la personne âgée (lifespan) - Development of adults and the elderly (lifespan)
- Développement durable - Sustainable Development
- Emotions – Emotions
- Empathie – Empathy
- Evaluation et auto-évaluation de la mémoire - Evaluation and self-assessment of memory
- Excès dus au sport - Excess due to sport
- Gestion émotion - Managing emotion
- Inégalités de santé - Health inequalities
- Mémoire – Memory
- Mobilité – Mobility
- Obésité – Obesity
- Optimisation de la performance - Performance Optimization
- Personnalité – Personality
- Prévention des accidents - Accident prevention
- Psychanalyse - Psychoanalysis
- Psychoendocrinologie – Psychoendocrinology
- Psychopathologie cognitive - Cognitive psychopathology
- Psychothérapies – Psychotherapy
- Recherche qualitative - Qualitative Research
Domaines de recherche

- Relations conjugales  
- Résilience –  
- Santé –  
- Sexologie clinique -  
- Stress, coping, interaction, couples, familles, dépression chez les adultes, problème comportemental chez les enfants/adolescents -  
- adults, behavioural problems in children/teenagers  
- Stress et santé -  
- Support social -  
- Troubles de l'identité -  
- Troubles de la symbolisation -  
- Troubles du comportement -  
- Utilisation de substances (tabac, alcool et drogue) -  
- Variabilité intra-individuelle -  
- Vieillissement cognitif -  

Groupes de recherche liés à ce domaine :

Health, Emotion, Cognition, and Memory (IIIuminetti group)
https://sites.google.com/site/illuminettilab/home

Intervention and Research in Socio-Emotional Competence Lab (I-lab)
http://sites.uclouvain.be/ilab/

Laboratoire de Psychopathologie Expérimentale (LEP)
http://www.uclab.be

Liste des chercheurs travaillant dans ce domaine

- ADAM Françoise
- AGRIGOROAIEI Stefan*
- BARAKAT KHOLOUD Saber
- BAYOT Marie
- BILLIEUX Joël*
- BRION Mélanie
- BRISON Céline
- BROERS Valérie
- CORNIL Aurélien
- DE LOS ANGELES SUAREZ REYES Monica
- DE MOL Jan*
- DE SUTTER Pascal*
- DELEUZE Jory
- DETHIER Vincent
- DEVOS Gaëtan
- DEZANGRE Marie
- D'HOND'T Fabien
- DORMAL Valérie
- DUBE Loveness
- FRANCKX Anne-Charlotte
- GABRIEL Barbara*
- GILLIS Aurélie
- GODIN Philippe*
- HEENEN-WOLFF Susann*
- HERNANDEZ GARCIA Maroa
- JAEKEN Marine
- KALLAI Delphine
- LANE Anthony
- LANNOY Séverine
- LEKEUCHE Philippe*
- LOPEZ FERNANDEZ Olatz
- LORIES Guy*
- LUMINET Olivier*
Domaines de recherche

MAURAGE Pierre*
MEIRE Philippe*
MELON Marlène
MIKOLACZAK Moïra*
MOGET Emilie
MOORS François
NTIRAMPEBA Emmanuel
OYARCE CADIZ Daniela
PASSONE Sesto*
PHILIPPOT Pierre*
ROUX Benjamin
SCHINCKUS Louise
SCHUL-MARTIN Laetitia
VAN DEN BROUCKE Stephan*
VAN DER HAEGEN Aurélie
VAN DER ZANDEN Gerardus
WERY Aline
WEYTENS Fanny
ZAMARIOLA Giorgia
ZECH Emmanuelle*

*. Promoteur

Domaine : Comportement social, travail et société, Social behaviour, work and society

- Attitudes (objets, personnes, préférences, biais, comportement) - *Attitudes (objects, people, preferences, biases, behaviour)*
- Cognition sociale (catégorisation, traitement visage) - *Social cognition (categorization, face treatment)*
- Collectivité (comportements, mémoire) - *Community (behaviour, memory)*
- Emotions (impact, régulation, partage, expression, émotions positives) - *Emotions (impact, control, sharing, expression, positives emotions)*
- Interculturel (acculturation, religions comparées) - *Intercultural (acculturation, comparative religion)*
- Méthodologie et statistique en Sciences du comportement - *Methodology and Statistics in Behavioural Science*
- Négociations (conflits) - *Negotiation (conflict)*
- Organisations et entreprises (implication, justice sociale, diversité, support perçu, leadership) - *Organizations and enterprises (involvement, social justice, diversity, perceived support, leadership)*
- Profil psychologique - *Psychological Profiling*
- Psychologie politique - *Political Psychology*
- Psychologie sociale et droit - *Social Psychology & Law*
- Relations intergroupes (stéréotypes, préjugés, discriminations, identités sociales) - *Intergroup relations (stereotypes, prejudice, discrimination, social identities)*
- Relations sociales - *Social relations*
- Religion (fondamentalisme, valeurs, spiritualité, personnalité, émotions positives) - *Religion (fundamentalist, values, spirituality, personality, positive emotions)*
- Travail (bien-être, vieillissement, attitudes, comportements, performance) - *Work (welfare, ageing, attitudes, behaviour, performance)*

Groupes de recherche liés à ce domaine :
Centre de psychologie de la religion
www.uclouvain.be/en-psyreli
WOP Lab
http://www.uclouvain.be/woplab.html
• Liste des chercheurs travaillant dans ce domaine

CAESENS Gaëtane
CARRIER Antonin
CASINI Annalisa*
CLOBERT Magali
CORNEILLE Olivier*
DE WILDE Matthias
DEAK Csilla
DEMOULIN Stéphanie*
DESMETTE Donatienne*
DUMAS Rafaëlle*
FOUSIANI Kyriaki
HENRY Hélène
MIEP Adrien
PINTO TEIXEIRA Catia
PRADE Claire
RIGO Caroline
SAROGLOU Vassilis*
STINGLHAMBER Florence*
TERACHE Julie
UZAREVIC Filip
VERMEULEN Christophe
VILLOTI Patrizia
YZERBYT Vincent*

* Promoteur
Personnel académique et scientifique définitif
Stefan AGRIGOROAEI

Stefan Agrigoroaei is Assistant Professor in Psychology and Aging. He completed his doctoral degree in psychology at the University of Savoie, Chambéry, France. Before joining UCL in 2014, he worked at Brandeis University, Waltham, Massachusetts, USA, as a postdoctoral research fellow and as an assistant director of the Lifespan Developmental Psychology Laboratory, with Professor Margie Lachman. While at Brandeis, he was involved in multiple research projects using data from the MIDUS (Midlife in the United States) national longitudinal study and BOLOS (Boston Longitudinal Study). He also had teaching responsibilities at Brandeis and in the Department of Gerontology at the University of Massachusetts Boston. Stefan Agrigoroaei approaches his research with an interdisciplinary and lifespan perspective. His general research program is in the area of health and aging, with a focus on examining the contribution of psychosocial (e.g. socioeconomic status, sources of disparities, control beliefs), behavioural (e.g. physical and cognitive activities), and stress-related factors (e.g. cortisol response) for optimizing and maintaining good cognitive and physical health as people age. His projects involve a wide range of cognitive and physical health assessments, including biomedical indicators, in both surveys and laboratory settings.

Research field: Clinical and health psychology
http://www.uclouvain.be/stefan.agrigoroaei

Michael ANDRES

Michael Andres is Research Associate at the Fonds National de la Recherche Scientifique and Professor in Scientific Communication. He investigates how the human brain supports high-level cognition, including mental calculation, tool recognition, or empathy for pain, with a special interest in the interface between these functions and the sensory-motor functions. He relies on a multimodal approach combining behavioural, electrophysiological, neuroimaging and neuromodulation methods. He has gained wide experience in the use of transcranial magnetic stimulation to probe corticospinal excitability or to interfere transiently with a target brain region during cognitive tasks. He also studies the effect of perceptual and motor impairments on high-level cognition in aplasic individuals and brain-lesioned patients with spatial neglect, finger agnosia or apraxia. His research benefits from a partnership between the Psychological Sciences Research Institute and the Cognition and System Division of the Institute of Neuroscience.

Research field: Cognition and neurosciences
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Simon BEUSAERT

Simon Beusaert is Assistant Professor in Teaching and Teacher Education. His fields of interests are: teacher education, professional development, informal learning, assessment for learning and the learning of aging employees. In 2008, Simon Beusaert obtained his Master’s degree in Educational Sciences at the Catholic University of Leuven. One year earlier he joined the department Educational Research and Development of the Faculty of Economics and Business Administration, Maastricht University as a junior researcher. In 2011, he completed Ph.D research that focused on the use of Personal Development Plans (PDPs) in the workplace. As Assistant Professor he is responsible for courses on teaching and teacher education and various educational innovation projects. He is the coordinator of the research project “Old and Out?”, focusing on the informal learning of aging employees and supervises different PhD students working on related topics. He gives trainings in assessment for learning, supporting learning in the workplace and activating didactical methods. He has been a member of the IPSY bureau since September 2015.

Research field: Developmental and educational psychology
http://www.uclouvain.be/simon.beusaert
Yves BESTGEN

Yves Bestgen is Research Associate at the Fonds National de la Recherche Scientifique and part-time Professor. He teaches courses in psycholinguistics and statistics. He is a member of the Centre for English Corpus Linguistics. His main research interests focus on text production and comprehension by native and L2 learners and on the development of techniques for automatic text analysis.

Research field: Developmental and educational psychology
http://www.uclouvain.be/yves.bestgen

Joël BILLIEUX

Joël Billieux is currently Professor of Clinical Psychology and Psychopathology. He is co-director of the Laboratory for Experimental Psychopathology (UCL) and the Internet and Gambling Disorders Clinic (Saint-Luc University Hospitals, Brussels). He earned his PhD in Psychological Sciences and accomplished his postgraduate CBT training in the University of Geneva. His main area of research concerns the psychological factors (cognitive, affective, motivational, interpersonal) involved in the etiology of addictive behaviours, with a particular focus on self-regulation-related processes. Since 2014, he has been an expert in a WHO workgroup related to the public health implications of behavioural addictions associated with the excessive of ICT. He is Regional Assistant Editor for International Gambling Studies, Associate Editor for the Journal of Behavioural Addictions, and is a member of several other editorial advisory boards (e.g. Addictive Behaviour Reports, Current Psychiatry Review). He has been a member of the IPSY bureau since September 2015.

Research field: Clinical and health psychology
http://www.uclouvain.be/joel.billieux

Etienne BOURGEOIS

Etienne Bourgeois is full Professor. He teaches at the School of Education (Ecole d’éducation et de formation, EDEF) in the Master in Education (FOPA). He was chairman of the UCL’s UNESCO Chair of Higher Education and of the UNESCO Network of Higher Education Chairs for Europe and North America (RERIES, 2001-2006). He was invited Professor at the Conservatoire National des Arts et Métiers (CNAM) in Paris (1996-2011). He was also Training Research and Development Manager at the International Committee of the Red Cross (ICRC) in Geneva (2007-2010). He was the elected Chair of the European Institute for Research in Adult Education (Paris, 2007-2012). He currently holds a position as full Professor at the University of Geneva, Department of Education, in the field of Adult Education. He has been conducting research and teaching activities in the field of adult learning and development. He is currently focusing mainly on the issue of workplace learning (cognitive, psychosocial and motivational processes at individual, group and organizational levels). He has been the Co-Director of the “Apprendre” Series at the Presses Universitaires de France (PUF) since 2006.

Research field: Developmental and educational psychology
http://www.uclouvain.be/etienne.bourgeois
Annalisa CASINI

Annalisa Casini (Ph.D) is a work, social and health psychologist. She is Assistant Professor of Work and Occupational Health Psychology. She is a member of the Work and Organizational Psychology Laboratory (WOP Lab) of the Centre for the Study of Social Behaviour (CSSB) and of the Interdisciplinary Research Centre on Work, State and Society (CIRTES). Her doctoral dissertation dealt with the “glass ceiling” phenomenon and the hidden obstacles contributing to keeping women on the lower rungs of the professional ladder. She is currently working on the association between working conditions and well-being, with a particular focus on the notion of professional recognition.

Research field: Social behaviour, work and society
http://www.uclouvain.be/annalisa.casini

Olivier COLLIGNON

Olivier Collignon completed his Ph.D at UCL in 2006. He was then awarded an FNRS postdoctoral fellowship and went to Montreal for a first postdoc. After the completion of his FNRS mandate (2010), he was the recipient of a postdoctoral fellowship from the Children’s hospital CHU Sainte-Justine in Montreal. In 2012, he was offered an assistant Professorship position in the Center for Mind/Brain Science (CMiC) at the University of Trento (Italy) where he established the Crossmodal Perception and Plasticity Lab (https://sites.google.com/site/collignonlab/). In 2015, he became Professor and research associate at the Fonds National de la Recherche Scientifique. His laboratory relies on the respective advantages of a plurality of methods (Psychophysics, EEG/MEG, stereotactic-EEG, TMS, fMRI) to converge toward a comprehensive understanding of the mechanisms underlying crossmodal perception and plasticity. Recently, he was awarded an ERC starting grant to deepen the understanding of the behavioural and brain consequences of sensory deprivation (e.g. blindness). More generally, his research is driven by the strong conviction that the study of sensory-deprived individuals offers an excellent model to probe how the brain develops, maintains and changes its functional tuning to adapt its interaction to the environment.

Research field: Cognition and neurosciences
http://www.uclouvain.be/olivier.collignon

Olivier CORNEILLE

Olivier Corneille is Professor; his research is concerned with social cognition (i.e. the application of cognitive psychology models and methods to the understanding of social phenomena). He has long been interested in how categorization influences the perception, judgment and memory of social stimuli, including faces. More recently, he has been increasingly interested in (1) food-related judgment and decision biases in the normal adult population and (2) evaluative conditioning effects. Olivier Corneille has been serving as an associate editor for Social Cognition and Social Psychological and Personality Science. He was president of the IPSY Institute from September 2012 to August 2015.

Research field: Social behaviour, work and society
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James M. DAY

James M. Day is Professor and researcher in the domains of the psychology of human development and the psychology of religion, with training in clinical as well as life-span developmental approaches in psychological science. He trained in developmental and clinical psychology at Harvard University and the University of Pennsylvania, has been a Visiting Scholar at Columbia and Princeton, and guest lecturer at Coimbra, Cornell, Cambridge, London, Paris, Porto, Lisbon, The National Science Foundation of Portugal, Uppsala, and many other universities, and completed additional studies at Cambridge University. He serves as a reviewer for many scholarly journals and has contributed through numerous publications to the fields of moral psychology, the psychology of religion, narrative psychology, and clinical psychology. For some years he served as Associate Editor of the Archive for the Psychology of Religion: The Journal of the International Association for the Psychology of Religion.

Research field: Developmental and educational psychology
http://www.uclouvain.be/james.day

Jan DE MOL

Jan De Mol is Professor of Clinical Child and Adolescent Psychology. Before getting his Ph.D at Ghent University (Belgium), he worked for more than 20 years as a clinical psychologist and psychotherapist in a child and adolescent psychiatric centre. He holds a certificate in systemic family/couple therapy (Interactie-Academie Antwerp, Belgium) and cognitive behavioural therapy (RINO, Netherlands). He is psychotherapy trainer in various psychotherapy formations. His research focuses on (1) the interdependence of interpersonal processes of agency and influence in family systems using Social Relational Theory and the Social Relations Model, (2) qualitative research into adolescent depression, (3) family therapy as a process of Social Sharing of Emotion.

Research field: Clinical and health psychology
http://www.uclouvain.be/jan.demol

Stéphanie DEMOULIN

Stéphanie Demoulind is Professor. She received her Ph.D in 2002. Her research interests are on infra-humanization, intergroup relations, intergroup emotions, intergroup misunderstandings, and negotiations.

Research field: Social behaviour, work and society
http://www.uclouvain.be/stephanie.demoulin

Donatienne DESMETTE

Donatienne Desmette is Professor and member of the “Centre Interdisciplinaire de Recherche Travail, Etat, et Société” and of the “Centre for the Study of Social Behaviour” of IPSY. Her research interests are in aging and age discrimination at work, social diversity at work, volunteer work, and work accommodation for workers’ wellbeing.

Research field: Social behaviour, work and society
http://www.uclouvain.be/donatienne.desmette?
Pascal DE SUTTER

Pascal De Sutter is Professor of Psychology and Sexology. He is Co-director of the University Certificate in Clinical Sexology. His teaching and research domains cover human sexual health and sexual dysfunction. He also studies political psychology, diplomatic psychology and psychological warfare with special interests in negotiation and conflicts resolution linked to personality.

Research field: Clinical and health psychology
http://www.uclouvain.be/pascal.desutter

Rafaële DUMAS

Rafaële Dumas holds a Ph.D. in psychology (University of Rennes 2, France). Before joining the Université catholique de Louvain as Professor of Social and Legal Psychology in September 2012, she did a post-doctorate at John Jay College of Criminal Justice (NY, USA). She taught social psychology, statistics applied to psychology and research methodology at University of Rennes 2 and John Jay College. Her research interests concern the area of social psychology & law such as criminal stereotypes, eyewitness identification, juries’ decision-making, and pre-trial publicity.

Research field: Social behaviour, work and society
http://www.uclouvain.be/rafaele.dumas

Martin Gareth EDWARDS

Martin Edwards is Professor. He organises the Psy-NAPS research group that investigates sensory perception and action behaviour in cognitive neuroscience and neuropsychology. The research aims to understand the fundamental relationships and neural processes involved in perception and action behaviours, and then to apply these findings to develop new perception and action measures and treatment exercises, particularly using new technology. To carry out the research, a variety of methods are used including motion tracking kinematic analysis, eye-tracking, robot interaction, virtual and augmented reality, simple dexterity and cognitive testing, reaction time, neural stimulation, electroencephalography, brain imaging and voxel lesion behaviour mapping with normal aged and brain injured participants. He is the deputy chief editor of the British Journal of Psychology, associate editor of the Journal of Neuropsychology, secretary of the British Association of Cognitive Neuroscience (BACN) and the human sciences representative of Louvain Bionics.

Research field: Cognition and neurosciences
http://www.uclouvain.be/martin.edwards
Pierre FEYEREISEN

Pierre Feyereisen has been Research Director at the Fonds National de la Recherche Scientifique since 1997. His research topic is the “Analysis of cognitive processes underlying production and comprehension of hand gestures during conversations and verbal descriptions of object use.” He uses methods of experimental and developmental psychology (normal and pathological aging). Pierre Feyereisen is also president of the Commission for Library Acquisitions in Psychological and Educational Sciences and was president of the Ethical Committee for psychological research of the institute until September 2015.

Research field: Cognition and neurosciences
http://www.uclouvain.be/pierre.feyereisen

Mariane FRENAY

Mariane Frenay is Professor. She chairs the UNESCO Chair of University Teaching and Learning and is a senior member of the Interdisciplinary Research Center on Socialization, Education and Training (GIRSEF). Her research interests are teaching and learning processes in higher education, motivation and persistence of university students, faculty engagement in teaching, faculty development and educational development. She was the Dean of the Faculté de Psychologie et des Sciences de l’Education from September 2009 to August 2015.

Research field: Developmental and educational psychology
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Barbara GABRIEL

Barbara Gabriel has been Assistant Professor in Clinical Psychology since September 2013 and teaches systemic family and couple psychology and therapy. She studied for her Ph.D. with Guy Bodenmann at the University of Fribourg in Switzerland in 2007. After this, she was a postdoctoral researcher at the University of Georgia (USA) working for two years with Steven Beach at the Institute for Behavioural Research. Her main research topic is stress and coping processes in couples in association with clinical disorders (e.g. behavioural problems in children, depression in adults) using observed interaction tasks. She also has a diploma of advanced studies in cognitive behavioural therapy for children, youth and families and worked in the last years as a clinical psychotherapist at a psychiatric service in Switzerland.

Research field: Clinical and health psychology
http://www.uclouvain.be/barbara.gabriel

Benoît GALAND

Benoît Galand is Professor and member of the Interdisciplinary Research Center on Socialization, Education, and Training. He obtained a Ph.D degree in psychology from the Université catholique de Louvain in 2001. His research focuses on (a) school violence, victimization and bullying, (b) motivation, engagement, and drop-out, and (c) the effects of instructional practices (e.g. goal structures, classroom management) on student learning and adjustment.

Research field: Developmental and educational psychology
http://www.uclouvain.be/benoit.galand
Philippe GODIN

Philippe Godin is Professor of Sport and Exercise Psychology. His research is in the field of psychological variables in relation to performance and efficacy including the effect of physical activity on mental health. His studies aim at understanding how to improve the functioning of athletes (child, teenager and adult), coaches and parents in lifelong sporting activity. He works with the administration of sports and with several sport federations. Many of the athletes he coaches are present at the highest various levels of sport (national and international, including world championships and Olympic games in sports). He is also president of the French Belgian Society of Sport Psychology (SBFPS).

Research field: Clinical and health psychology
http://www.uclouvain.be/philippe.godin

Valérie GOFFAUX

Valerie Goffaux is Research Associate of the Fonds National de la Recherche Scientifique and Professor. She is a member of the Institute of Neuroscience. By means of psychophysics, electrophysiological, and resonance imaging techniques, Goffaux’s lab research addresses how the human visual system perceives the faces, scenes, and objects composing our visual environment.

Research field: Cognition and neurosciences
http://www.uclouvain.be/valerie.goffaux

Jacques GREGOIRE

Jacques Grégoire is full Professor. His research interests include assessment of learning and learning disabilities, methods for psychological diagnostic, intellectual assessment, and the relationship between learning and emotions. He was scientific adviser for the French adaptation and the development of several clinical and educational tests. His academic publications include over 120 journal articles, book chapters, and books/monographs. He has been vice-rector of the Human Sciences Sector since September 2015.

Research field: Developmental and educational psychology
http://www.uclouvain.be/jacques.gregoire

Susann HEENEN-WOLFF

Susann Wolff is Professor of Clinical Psychology. She carries out research on trauma and its clinical implications as well as on the specific psychodynamics in contemporary family constellations (for example same-sex parents). She is also working on new theoretical foundations of psychoanalysis. She has been working as a psychoanalyst and group-analyst for over 25 years and as a supervisor in public health services and is also a training analyst (International Psychoanalytical Association).

Research field: Clinical and health psychology
http://www.uclouvain.be/susann.wolff
Ginette Herman is Professor. Her research interests are based on social psychological theories (social identity theory, justifications theories), and focus on stigmatized groups in the field of labour and on the processes that mediate the effects of discrimination on mental health and social integration among unemployed people, migrants, and poorly qualified people. Her research also scrutinizes the mechanisms that lead employers to avoid or to activate work discrimination and to contribute to employees’ wellbeing. Some of her studies have been carried out in partnership with social actors and public policies in connection with the national and international scientific community.

Research field: Social behaviour, work and society
http://www.uclouvain.be/ginette.herman

Philippe Lekeuche is Professor. From 1984 to 1993, he worked on clinical treatment for drug abusers (CATS, Brussels) then, from 1994 to 2001, he worked in the field of severe psychiatric disorder (research on early schizophrenia) for the Cliniques Universitaires Saint-Luc (Bruxelles). He had been invited many times to the Universities of Montpellier and Lausanne.

Research field: Clinical and health psychology
http://www.uclouvain.be/philippe.lekeuche

Guy Lories is Professor. His interests are in cognition research as applied to health and education.

Research field: Clinical and health psychology
http://www.uclouvain.be/guy.lories

Olivier Luminet is Senior Research Associate at the Fonds National de la Recherche Scientifique and Professor. After a Master’s degree at the University of Liège and an Erasmus-grant at the University of Toulouse, Olivier Luminet started a Ph.D at the Université catholique de Louvain (UCL) with Bernard Rimé in 1992. He did research training at the University of Manchester (1994-95) with Hugh Wagner. After his thesis (1997), he did a post-doctoral period at the University of Toronto with Mike Bagby and Graeme Taylor (1998-99). He received a permanent research and teaching position at the Université catholique de Louvain in 2001. He also teaches at the Université libre de Bruxelles (ULB). His research interests include the moderation of personality factors (alexithymia, emotional competence) in the link between emotional reactions and health indicators. He also works on the links between emotion and memory, both at an individual and at a collective level.

Research field: Clinical and health psychology
http://www.uclouvain.be/olivier.luminet
Pierre MAURAGE

Pierre Maurage is Research Associate at the Fonds National de la Recherche Scientifique. He is the co-director of the Laboratory for Experimental Psychopathology (LEP) and member of the Institute of Neuroscience (IoNS). His main research interest in offering a better understanding of the emotional, interpersonal and cognitive (attention, executive functions) deficits in addictive states (mainly alcohol-dependence and binge drinking). His experimental approach is based on the complementary use of behavioural, neuropsychological and neuroscience (EEG, ERPs, fMRI) tools.

Research field: Clinical and health psychology
http://www.uclouvain.be/pierre.maurage

Philippe MEIRE

Philippe Meire is Professor of Psychiatry. His main clinical and research interests are in the fields of geriatric psychiatry, psychogerontology and forensic psychiatry. He worked in the Cliniques Universitaires Saint-Luc (Bruxelles) from 1975 to 2002. He is a founding Member of the Centre de Recherches Interdisciplinaires sur le Vieillissement. He is now president of the Mental Health Service in Louvain-la-Neuve.

Research field: Clinical and health psychology
http://www.uclouvain.be/philippe.meire

Moïra MIKOLAJCZAK

Moïra Mikolajczak is Professor. She is an emotions and health psychologist. Her first line of research focuses on emotions (aims: understanding the behavioural and biological pathways by which emotional competence influences health; developing emotional competence training programs). Her second field of research focuses on hormones (aim: understanding how several hormones influence behaviour).

Research field: Clinical and health psychology
http://www.uclouvain.be/moira.mikolajczak

Nathalie NADER-GROSBOIS

Nathalie Nader-Grosbois is Professor in Special Education and in Developmental Psychopathology. Her research is focused on the early development of typically developing children and children with intellectual disabilities, autism spectrum disorders and those at risk. Her studies aim at understanding how their delays and deficits in social cognition, in self-regulation have an impact on their socio-emotional (mal)adjustment, and which individual, familial and educational factors intervene in the development of these processes. Since 2002, she has been charge the holder of the Chaire Baron Frère in Special Education, aiming at improving the assessment and the intervention of children with disabilities and handicaps. She has been the Dean of the Faculté de Psychologie et des Sciences de l’Education since September 2015.

Research field: Developmental and educational psychology
http://www.uclouvain.be/nathalie.nader
Frédéric NILS

Frédéric Nils is Professor of Vocational Psychology. He obtained his Ph.D in 2003. His teaching and research activities are in the field of lifelong vocational guidance and interventions in educational settings. His current research topics focus on the vocational processes underlying study choice during the transition from secondary to higher education, and the influence of career adaptability resources when facing planned or constrained career transitions. Frédéric Nils also practices as a clinician at the Centre de Guidance of Louvain-la-Neuve.

Research field: Developmental and educational psychology
http://www.uclouvain.be/frederic.nils

Marie-Pascale NOEL

Marie-Pascale Noël is Senior Research Associate at the Fonds National de la Recherche Scientifique of Belgium and Professor. Her research is in the field of numerical cognition and child neuropsychology. Her studies aim at understanding the typical numerical development and the characteristics and brain-cognitive bases of developmental dyscalculia. She is also the head of a clinical centre of child neuropsychology at the Consultations Psychologiques Spécialisées (CPS). She has been the president of the IPSY Conseil since September 2010.

Research field: Cognition and neurosciences
http://www.uclouvain.be/marie-pascale.noel

Sesto PASSONE

Sesto Passone is Professor in Clinical Psychology. He is psychoanalyst and is president of the Société Européenne pour la Psychanalyse de l’Enfant et de l’Adolescent (SEPEA). He is an editor of the Revue Française de Psychanalyse and reviewer for several scientific journals: International Journal of Psychoanalysis, Psicoterapia psicoanalitica, Actualidad de psicologia. His research interests include the psychopathology of children and adolescents. He works on identity disorders.

Research field: Clinical and health psychology
http://www.uclouvain.be/sesto.passone

Mauro PESENTI

Mauro Pesenti is Research Associate at the Fonds National de la Recherche Scientifique and Professor. He leads a research group studying numerical cognition in adults with the aim of defining the functional components of calculation and number processing and finding their neuroanatomical correlates. Work is carried out using different but complementary methodologies: the study of cerebral activations with functional imaging techniques, the study of brain-damaged patients performance, and mental chronometric studies in healthy adults. In recent years, this group has been funded by grants from the National Fund for Scientific Research (Belgium), the Fonds de Developpement Scientifique (UCLouvain), the PAI/IUAP Program from the Belgian Government, and the RTN and ITN Programs from the European Community. He has been the president of the IPSY Bureau since September 2015.

Research field: Cognition and neurosciences
http://www.uclouvain.be/mauro.pesenti
Pierre PHILIPPOT

Pierre Philippot is Professor. His teaching and research fields cover emotion (with special interests in the cognitive regulation of emotion and emotional facial expression recognition) and psychotherapy, especially Cognitive Behavioural Therapy and emotion focused approaches. He is a past president of the Belgian French-Speaking CBT Association. He founded and is presently directing a clinical centre specialized in the treatment of emotional disorders. He was the president of the IPSY bureau from September 2009 to August 2012.

Research field: Clinical and health psychology
http://www.uclouvain.be/pierre.philippot

Agnesa PILLON

Agnesa Pillon is Research Associate at the Fonds National de la Recherche Scientifique and Professor. Her research aims at furthering our understanding of how lexical and semantic knowledge is represented and processed at the cognitive and neural levels. Her work includes examining questions such as how the morphological and syntactic properties of words are represented and accessed for lexical production? What are the principles underlying the organization of semantic/conceptual knowledge in mind and brain? Further to chronometric studies with healthy participants, the method of investigation involves the detailed examination of brain-damaged patients with lexical or conceptual disorders, from which inferences are made about the normal cognitive architecture and processes of the lexical and conceptual system. Recently, she started to investigate with functional Magnetic Resonance Imaging the neural changes that support recovery of lexical or conceptual knowledge after brain injury.

Research field: Cognition and neurosciences
http://www.uclouvain.be/agnesa.pillon

Isabelle ROSKAM

Isabelle Roskam is Professor of Developmental Psychology. Her research is in the field of parenting and child development, in particular social development. Her studies aim at understanding how and to what extent parenting and the quality of the relationships within the family influence behavioural issues in young children. She has also worked as a clinician for 10 years at the Cliniques Universitaires Saint-Luc (Bruxelles). She founded and currently directs a clinical centre specialized in parental counseling.

Research field: Developmental and educational psychology
http://www.uclouvain.be/isabelle.roskam
Bruno ROSSION

Bruno Rossion is Research Associate at the Fonds National de la Recherche Scientifique and Professor. He is an ERC starting grantee. His research topic is “Understanding the nature of face perception: new insights from steady-state visual evoked potentials”. His main interest is in understanding how the human brain categorizes objects of the visual world. To clarify the neuro-functional mechanisms of face perception, he strongly believes in the combination of data from various methods. He performs his own studies using neuroimaging (PET, fMRI), EEG and ERP, eye movement recordings, and behavioural studies in normal adults and children, as well as in brain-damaged people suffering from face recognition deficits, e.g. acquired prosopagnosia.

Research field: Cognition and neurosciences
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Dana SAMSON

Dana Samson is Professor of Clinical and Experimental Neuropsychology. She completed her Ph.D at the Université catholique de Louvain (UCL) in 2001 and worked as a clinical neuropsychologist at the Centre for Traumatology and Readaptation in Brussels (1999-2001). She then moved to the UK where she worked as a postdoctoral researcher at the University of Birmingham (2005 – 2007) and then as an associate Professor at the University of Nottingham (2007 – 2010). In 2010, she came back to UCL where she currently carries out research in affective and social cognitive neuroscience and teaches clinical neuropsychology. She has been the conference secretary of the Experimental Psychology Society (2009-2011), the membership secretary of the British Neuropsychological Society (2009 -2011) and she is currently the secretary of the Belgian Association for Psychological Science. She is associate editor of the Journal of Neuropsychology.

Research field: Cognition and neurosciences
http://www.uclouvain.be/dana.samson

Vassilis SAROGLOU

Vassilis Saroglou, Ph.D in Psychology (1999), degree in Religious studies (1988), and bachelor in Philosophy (1990), is full Professor of Psychology. Since 2001, he has been director of the Centre for Psychology of Religion (founded in 1961). His research interests are: religion, fundamentalism, spirituality, personality (Big Five, attachment), morality (values, moral principilism), social behaviour (prosocial, antisocial, submissive), culture (cultural differences, acculturation), and positive emotions (awe, humor). He has served as President of the International Association for the Psychology of Religion, President of the Académie Internationale des Sciences Religieuses, co-Editor of the International Journal for the Psychology of Religion, and member of several editorial boards. His work received several distinctions: the Godin Prize (2006) from the International Association for the Psychology of Religion; Early Career Award (2005), Mentoring Award (2013), and Fellow status (2015) from the American Psychological Association-Division 36; and Fellow status (2015) from the Society for Personality and Social Psychology.

Research field: Social behaviour, work and society
http://www.uclouvain.be/vassilis.saroglou
Marie-Anne SCHELSTRAETE

Marie-Anne Schelstraete is Professor. She has master’s degrees in experimental psychology, and in speech and language therapy and a Ph.D in psychology in the field of psycholinguistics. Her main research interests are in developmental oral language disorders in children with specific language impairment or in other pathologies such as externalized behaviour disorders in young children. A new research is the field of developmental dyslexia in young adults (university students). Several methodologies are employed in her studies: multiple single case studies, intervention studies, longitudinal studies, with comportemental measures or evoked potential recordings, etc. Marie-Anne Schelstraete also leads a team of speech and language therapists in the Consultations Psychologiques Spécialisées (CPS). Some of the research studies are carried out in collaboration with this team.

Research field: Developmental and educational psychology
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Florence STINGLHAMBER

Florence Stinglhamber is Professor of Organizational Psychology and Human Resource Management. Her research interests include perceived organizational support, organizational dehumanization, employees’ commitment in the workplace, perceived organizational justice, and work behaviours (e.g. presenteeism, green behaviours at work).

Research field: Social behaviour, work and society
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Arnaud SZMALEC

Arnaud Szmalec is Professor. He has a Master’s in Theoretical and Experimental Psychology and obtained a Ph.D in Psychological Sciences from Ghent University in 2005. He arrived at the Université catholique de Louvain in September 2012. He lectures in Psychology of Language, Language Acquisition and General Psychology to Bachelor students in Speech Therapy and Psychology. His research field is language development in which he pursues three main lines of research: (1) Fundamental research on language development, (2) Bilingualism and (3) Language pathologies. He has been a member of the IPSY bureau since September 2015.

Research Field: Cognition and neurosciences
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Stephan VAN DEN BROUCKE

Stephan Van den Broucke holds a Ph.D in Psychology (KU Leuven) and a degree in Complementary Studies in Health Policy (University of Antwerp). Before joining the Université catholique de Louvain in 2010 where he is Professor, he was a senior expert at the Flemish Institute for Health Promotion (1993-2005), project officer at the Executive Agency for Health and Consumers of the European Commission (2006-2009), and associate Professor at the Department of International Health at Maastricht University (2009-2010). He has coordinated a large number of national and international research projects in the areas of health promotion planning and evaluation, mental health promotion, health inequalities, capacity building and health literacy. He serves as an expert adviser for the European Commission and for the WHO, and is advisor to the regional Vice-President for Europe of the International Union for Health Promotion and Education (IUHPE). He is associate editor of Health Promotion International and a member of the editorial committee of Psychology & Health, Health Psychology Review and Archives of Public Health.

Research field: Clinical and health psychology
http://www.uclouvain.be/stephan.vandenbroucke

Marie VAN REYBROECK

Marie Van Reybroeck is Professor. She holds a Ph.D. in Psychology and Educational Sciences and a degree in Speech and Language Therapy. She is a member of the Interdisciplinary Research Center on Socialization, Education and Training. Before becoming a Professor at the Université catholique de Louvain, she was a Professor at the Université de Mons and a lecturer at the Université catholique de Louvain and at the Université Libre de Bruxelles. Her research focuses on children with dyslexia and children with learning disabilities at school, the process of learning to read and write, learning assessment, remedial teaching for children with learning disabilities and effective instruction at school.

Research field: Developmental and educational psychology
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Nicolas VERMEULEN

Nicolas Vermeulen is Research Associate at the Fonds National de la Recherche Scientifique and Professor. His research interests are in embodied theories of cognition and in embodying emotions.

Research field: Cognition and neurosciences
http://www.uclouvain.be/nicolas.vermeulen
Vincent Yzerbyt is Professor. His research focuses on social cognition, attribution, stereotyping, and intergroup relations. His main interests are in stereotyping and more specifically in the formation and preservation of stereotypes as well as their reduction. He also conducts research on social and group-based emotions. More recently, he turned to the issue of the fundamental dimensions of social perception in the context of what he calls the ‘compensation effect’: People who are perceived to be competent also tend to be perceived as not so warm, and conversely. Vincent Yzerbyt has served as an associate editor of the British Journal of Social Psychology, of the Personality and Social Psychology Bulletin, and of the Journal of Personality and Social Psychology: Attitudes and Social Cognition. He is the founding Editor of ‘Social Psychological and Personality Science’. He has been the president of the Executive Committee of the European Association of Social Psychology. He has been a member of the IPSY bureau since September 2015.

Research field: Social behaviour, work and society
http://www.uclouvain.be/vincent.yzerbyt

Emmanuelle Zech is Professor of Clinical and Health Psychology. She was president of the Research Center for the Study of Health and Psychological Development (CSDP) until April 2015. Her research focuses on the impact and coping processes involved in loss and trauma as well as on psychotherapeutic processes involved in the therapeutic relationship. She has been trained as a psychotherapist and has a clinical practice at the Mental Health Center in Louvain-la-Neuve. She is associate editor of the journal “Psychologica Belgica”. She participates in the evaluation of research proposals for funding societies (e.g. “Conseil de recherches en sciences humaines” in Canada and in the “Dutch Cancer Society”). She is also a member of several scientific associations: Association for Death Education and Counseling, Belgian Association for Psychological Sciences, European Health Psychology Society, and International Society for Research on Emotion.

Research field: Clinical and health psychology
http://www.uclouvain.be/emmanuelle.zech
Equipement et groupes de recherche
Research facilities

The Psychological Sciences Research Institute (IPSY) aims to provide the best opportunities to facilitate high quality research. One innovation to meet this aim is in the provision of laboratory facilities to IPSY members. In 2011, IPSY reorganised the laboratories to promote optimum use. For the available laboratories, a reservation system allows IPSY members to use a laboratory when required. For members of IPSY who gain funding for research that uses specialised equipment, a secure laboratory is provided to the fund holder. A charter supports the monitoring of the laboratory resource and the settlement of any dispute that might arise from the inappropriate or unfair use of the laboratory resource.

The Institute has four computer labs for testing simultaneous groups of participants (with 12, 6, 5 and 5 computers respectively). All computers are exactly the same within each laboratory, and they are connected through an internet server, allowing for data synchronization of participants during testing.

The Institute also has audiovisual equipment, including high definition digital cameras, sound recording equipment and software required for image and sound processing. A loan service of this equipment allows researchers to perform participant observation (viewing and listening) research in order to analyze behaviours such as parent-child interaction, difficulties in speaking, and responses to various manipulated situations.

Psychophysiology Laboratory

This laboratory allows a wide range of physiological measures to be recorded for further statistical processing. Measuring the electrical activity of the brain (visual attention, memory, and language functions) makes it possible to analyze the role of emotional bias in life events.

A laboratory is specially equipped to study the physiological component of emotions by stimulating the participant to induce certain emotions and to measure changes of several physiological parameters such as heart rate, skin conductance or activity of certain facial muscles (EMG).

The lab consists of two contiguous rooms:

- A room for the participant, equipped with a camera, microphone, headphones, loudspeakers and a video screen for stimulation.

To minimize electromagnetic interference, these rooms are faradized and electricity is provided by a specific generator.

The acquisition unit is a Biopac MP150 allowing simultaneous recording of 3 channels EMG, channel EKG, PPG channel, a channel SC, 8 inputs and 8 analog outputs.

EEG-ERP Laboratory

The laboratory enables Evoked-Response Potentials (ERPs) research in order to study cognitive processes with a high temporal resolution. This domain of research aims to identify spatio-temporal patterns of brain activity that underlie perceptual processing as modified by attention.

This laboratory was specially developed for the study of ERPs. Electrical potentials recorded at the surface of the scalp are used to localize and quantify brain activity induced by external stimuli or cognitive processes.

The acquisition unit Refa ANT has 128 channels EEG, 8 bipolar channels (ie EMG), 8 auxiliary analog channels and 8 logical channels. Two computers (Intel Quad) are available: one records signals with ASA and the other is used to stimulate the participant with software such as Matlab or ePRIME.

Immersive Virtual Environment Lab

The general principle of this laboratory is to use virtual reality to immerse individuals in a situation with the advantage of controlling situations in which participants are immersed, and to dispense with practical problems encountered with more traditional techniques of immersion ‘in vivo’. The laboratory is equipped with a Oculus Rift virtual reality headset, Polhemus Liberty Latus motion analysis for tracking body position and limb action within real and virtual space, 5DT body gloves for tracking hand movements and a set of software tools to generate and display the virtual environments. The laboratory also contains an Axinesis rehabilitation robot for controlling the actions of participants in real and virtual space.
Motion and Eye-Tracking Lab

The laboratory allows the combination of motion- and eye-tracking analyses. Actions can be recorded using the magnetic Polhemus Liberty system. The equipment can measure the 3D position of up to 7 markers (attached to body parts), 240 times a second. Eye-movements can be recorded using the table mounted, infra-red Eyelink 1000 upgraded system. The equipment can measure a variety of eye measures, up to 1000 times a second. The two systems are fully compatible, and can be time locked. The equipment can be used for measuring any aspect of psychology involving interactions either between two people, or between a person and the environment.
**Research groups and scientific activities**

**H2M Children (Hard to Manage Children)**

http://www.uclouvain.be/h2m-children

**Team:** Isabelle Roskam, Marie-Pascale Noël, Nathalie Nader-Grosbois, Marie-Anne Schelstraete, Bénédicte Mouton, Laurie Loop, Elise Brassart, Marine Houssa, Alexandra Volckaert, Marie Stievenart.

**Research field and subjects:** developmental trajectories of externalizing behaviour in preschoolers/relations between externalizing behaviour and executive functioning, social cognition, parenting and communication skills in preschoolers, parenting and child interventions to reduce externalizing behaviours in preschoolers

**Keywords:** externalizing behaviour, preschoolers, parenting, inhibition, social information processing, communication, language, attachment, risk factors


**Products and services:** Lou and Us: A CD-Rom for those accompanying parents and children in relationships where there is difficult child behaviour

The CD offers a rich simulation of situations parents and children in such circumstances might face. Whilst studiously avoiding any suggestion of easily and universally applicable methods, the CD invites parents and professionals in training to reflect on the adequacy of their disciplinary and other child-rearing styles, and the impact of stress and fatigue on family functioning, related to environmental variables in their lives. The CD also proposes a series of « golden rules » parents and professionals in training can use as helpful guidelines and points of reference in promoting the welfare of their children and enhancing family functioning.

**Manuals for professionals and parents:**

**Research has tried to identify risk factors that increase the likelihood of difficulties with externalizing behaviour (EB).** The relations between individual or environmental factors and EB have been especially documented. Child- and parent-oriented interventions have been designed in order to decrease EB in preschoolers. To date, however, research has largely been compartmentalized. It is therefore not known whether child- or parent-oriented intervention is more effective in reducing EB. An important aim of the H2M research program was to answer this question by comparing two eight-week child- with two eight-week parent-oriented group programs sharing a common experimental design. This was done in pseudo-randomized trials conducted with three-to-six-year-old children displaying clinically relevant levels of EB who were assigned to one of the four interventions and control participants who were allocated to a waiting list.

Our results indicate that the four programs focusing on a specific target variable, i.e. social cognition, inhibition, parental self-efficacy beliefs, or parental verbal responsiveness, are all effective in reducing EB among preschoolers. Their effectiveness was moderated neither by their orientation towards the child or the parent nor by their content, suggesting that several effective solutions exist to improve behavioural adaptation in preschoolers. A second important highlight of this research is that, thanks to comparable effect sizes, brief focused programs appear to be a reasonable alternative to long multimodal programs, and may be more cost-effective for children and their families.

**SpringLab (Social Perception, Reasoning and Interaction Neuroscience Group)**

http://sites.google.com/site/thespringlab/

**Team:** Dana Samson (principal investigator), Gaëlle Meert (FNRS post-doctoral researcher), Alexy-Assaf Beck, Aurélie Biervoyle, Laëtitia Leloup, Diana Dongo Miletich, Sabine Meurrens (Ph.D student).
Research field and subjects: our main research interests consist in understanding the cognitive and neural underpinnings of perspective taking, Theory of Mind and moral cognition. Furthermore, we also aim at improving the diagnosis and rehabilitation of cognitive deficits following brain damage, especially deficits of social cognition. To address our research questions, we use a wide range of cognitive neuroscience tools, including mental chronometry, eye movement recordings, fMRI, EEG, transcranial direct current stimulation (tDCS) and neuropsychological case studies.

1. Visual perspective taking (A.-A. Beck, G. Meert, S. Meurrens, D. Samson, in collaboration with Ian Apperly and Andrew Surtees, University of Birmingham; Henryk Bukowski, University of Vienna; Jari Hietanen, University of Tampere; Bruno Rossion, UCLouvain; Natalie Sebanz, Central European University; Y. Vandermeeren, UCLouvain)

Understanding what other people see plays a fundamental role in our social interactions. It is a first step from which we can infer more complex information such as what other people are talking about, what they like and dislike, what they intend to do and what kind of knowledge they form about the world. We recently showed that when we compute "how" an object is seen by someone else (level 2 visual perspective taking, see Fig.1), we use an embodied mental rotation of our body, literally imagining ourselves in the other person's shoes. We do not use such mental rotation processes to solve all perspective taking problems. For example, we do not use it when we simply compute whether an object is visible to someone else or not (level 1 visual perspective taking, see Fig.1). We further showed that, while level 1 visual perspective taking occurs spontaneously in many situations, level 2 visual perspective taking only occurs spontaneously if we are engaged in an interactive task with someone else. The spontaneous and simultaneous computation of our own and other people’s perspectives means that we need to engage in cognitive control operations sustained by a fronto-parietal brain network to select the relevant perspective in relation to what we want to do. In ongoing projects, we explore the respective functional contributions of specific brain areas within this network during perspective selection by means of transcranial direct current stimulation. We also explore new neural (EEG) markers of perspective taking.

2. Theory of Mind (A. Biervoye, G. Meert, S. Meurrens, D. Samson in collaboration with Ian Apperly, University of Birmingham, Ph. de Timary, UCLouvain; Laurence Dricot, UCLouvain; A. Ivanoiu, UCLouvain; Jessica Wang, Keele University)

Understanding what other people think, want or feel (an ability referred to as “Theory of Mind”) relies on a network of brain areas, including the medial prefrontal cortex, the dorsolateral prefrontal cortex, the temporo-parietal junction, the posterior cingulate cortex and the temporal poles. Through neuropsychological studies, we aim to better understand the functional role of these various brain areas (see Fig. 2). As a direct clinical application of this line of work, we are designing new diagnostic tools to better identify the specific deficits that patients may have following acquired brain lesions. At a more cognitive level, current evidence suggests that there are two types of “Theory of Mind” processes: those engaged in implicit reasoning and those engaged in explicit reasoning. Ongoing studies aim at systematically investigate differences between these two types of processes.

Fig 2. Depending on the brain lesion localization, different profiles of Theory of Mind impairments can be observed.
A) Lesions to the right lateral prefrontal cortex (as illustrated here MRI – Magnetic resonance imaging – data in the case of patient WBA) lead to a selective deficit in self-perspective inhibition. Patients become unable to see other people’s point of view if they have themselves a different point of view. B) Lesions to the left temporo-parietal junction (as illustrated here with the brain lesion reconstructions in the cases of patients PF, DB and RH) lead to a selective deficit in monitoring the relevant cues in the environment that help inferring the content of someone else’s point of view. C) However, not all lesions to the Theory of Mind brain network lead to impairments in Theory of Mind reasoning. For example, lesions to the left temporal pole (as illustrated here with PET – Positron emission tomography – data in the case of patient CM) have no impact on the patients’ Theory of Mind abilities despite the recurrent activation of this area in fMRI studies when healthy adults reason about mental states. This finding provides an important constraint to understand the role of the left temporal pole in Theory of Mind.

3. **Moral cognition** (L. Leloup, D. Dongo Miletich, D. Samson, in collaboration with Y. Vandermeeren, UCLouvain)

Moral judgments are central to the regulation of how individuals live in groups. In a recent line of research, we have started to investigate the cognitive and neural processes that allow us to represent and integrate information about the intention of the perpetrator and the consequences of his action in moral judgments. We are particularly interested in cases where there is a mismatch between the intention and the consequence of an action such as in the cases of a failed attempt to harm or in the cases of accidental harm. We investigate the various factors which influence moral judgements in those situations (including the social characteristics of the perpetrator and the personality of the person who makes the moral judgment). We also investigate the functional role of various brain areas in the integration of information during moral judgments by examining the effects of brain lesions in patients and the effects of transcranial direct current stimulation (tDCS) in healthy adults.

More information about the laboratory’s activities can be found here: [http://www.springlab.org](http://www.springlab.org)

**Keywords:** theory of Mind, perspective taking, empathy, moral cognition

**Funding:**

*Previous funding from:* Medical Research Council (UK), Leverhulme Trust (UK), Stroke Association (UK), Experimental Psychology Society, FSR (newacademic fund and Marie-Curie Cofund incoming post-doctoral fellowship)

*Funding during 2015 from:* FNRS (mandates of aspirant and chargé de recherches, CDR), ARC (in collaboration with Bruno Rossion, Philippe Lefèvre and Etienne Olivier).

**Equipment:** Newronika tDCS, Eyelink 1000 eye tracker, access to a 3T MRI scanner at the Cliniques universitaires St-Luc, access to EEG systems through the collaboration with the Face Categorization Lab at IPSY-UCL.

**Numerical Cognition Laboratory**

**Team**

The team is divided into 2 groups:

- **Development Group**

Marie-Pascale Noël, senior investigator, research associate from the National Fund for Scientific Research (Belgium) and Professor at UCLouvain, Virgine Crollen, post-doctoral fellow, Lucie Attout, post-doctoral fellow, Alice de Visscher, post-doctoral fellow, Nastasya Honoré, Ph.D student.

- **Adult Numerical Cognition Group**

Mauro Pesenti, senior investigator, research associate from the National Fund for Scientific Research (Belgium) and Professor at UCLouvain, Michael Andres, senior investigator, research associate from the National Fund for Scientific Research (Belgium) and Professor at UCLouvain, Valérie Dormal, post-doctoral fellow, Stéphane Grade, Ph.D student, Nicolas Masson, Ph.D student, Nicolas Michaux, Ph.D student.

**Research field and subjects:** Our group studies numerical cognition in children and adults with the aim to define the functional components of calculation and number processing and find their neuroanatomical correlates. We use different but complementary methodologies integrating the functional and neuroanatomical levels of analysis (see Fig. 1): mental chronometric studies, functional brain imaging studies (e.g. functional magnetic resonance imaging [fMRI]), and lesion studies examining the cognitive performance of brain-damaged patients or healthy adults undergoing transient virtual lesions created by neurostimulation (e.g., Transcranial Magnetic Stimulation [TMS]) or neuromodulation methods (transcranial Direct-Current Stimulation [tDCS], transcranial Random Noise Stimulation [tRNS]). Our projects follow three major lines of investigation, each of them dealing with a highly critical issue in the field of numerical cognition: how the brain processes...
numerical and non-numerical magnitudes, how the meaning and the computations performed on numbers get embodied with the contribution of sensory-motor processes, and how the brain solves basic and complex arithmetical problems. Two of these streams are described below. Some of our research projects have been conducted in collaboration with colleagues from Gent Universiteit (B), the Katholieke Universiteit Leuven (B), University College London (UK), the Université de Bordeaux (F), the Università Milano-Bicocca (I) and the Université de Montréal (C). In the past 5 years, the group has published numerous articles on numerical cognition in international scientific journals, and contributed to several book chapters on this topic.

Project 1: Number and space interactions in children with impaired visuo-spatial skills

Some children suffer from a developmental disorder characterized by a visuo-spatial impairment in the context of well-developed psycholinguistic skills. It is often reported that these children present academic underachievement in mathematics. This is easily understandable when considering domains such as geometry or written calculation in which processing space is required. However, we wondered whether a more fundamental deficit of the number magnitude representation itself could explain their more general math difficulties. Indeed, converging lines of evidence suggest that number magnitude representation is intrinsically related to space. For instance, in Western cultures, small/large numbers’ magnitude representation is associated with the left/right part of space. Using very basic numerical tasks that only required minimal or no spatial processing, we showed that children with visuo-spatial deficits were less accurate than the typically developing children. For instance, when asked to say the number midway between two others (e.g. between 4 and 7), they were less precise and produced responses that lie outside the numerical interval more often than the typically developing children (e.g. between 4 and 7? Answer: 9). They also failed to show any association between small/large numbers and left/right space. These differences suggest that these children have a less precise number magnitude representation and that this representation has a disturbed spatial orientation. Future work should consider how to help these children building a more adequate number magnitude representation.

Project 2: A neurofunctional architecture for mental arithmetic

Mental arithmetic, the ability to solve mentally simple or complex arithmetic problems, is highly influenced by cultural practices and is too recent in the human evolution to enjoy its own dedicated brain circuit. Neuronal recycling theories suggest that it is acquired by recruiting pre-existing cortical circuits supporting functions with a longer history in human evolution. Among these functions, the motor control of fingers and the orientation of attention in space possess several relevant properties to support numerical representations and the computations performed on these representations. Children often use their fingers for learning to count and teaching methods also encourage them to rely on spatially organized representations to solve arithmetic problems (see above). Our research group works to elucidate the neurofunctional mechanisms underlying mental arithmetic in adults and to examine whether they can be explained by the coopting of motor and/or spatial functions to solve arithmetic problems. In particular, we have test the idea that mentally subtracting or adding large numbers requires shifting attention respectively to the left and to the right of a mental continuum where numbers are aligned in ascending order. In the past year, we have conducted (1) chronometric studies showing that healthy adults take more time to mentally solve arithmetic problems when they have to perform concurrent finger movements or when they are distracted by lateralized visual stimuli; (2) psychophysical studies showing that the focus of attention is moved to the right side of space while solving addition and to the left side of space while solving subtraction (see Fig. 2); (3) neuropsychological studies showing that brain-damaged patients neglecting the left side of space experience more difficulties to solve subtraction than addition problems whereas a patient neglecting the right side of space exhibited the opposite pattern; (4) neuromodulation studies showing that it is possible to bias the attention of healthy participants to the left or right side of space by increasing the excitability of the contralateral parietal cortex with tDCS, opening up new perspectives to study
the neurofunctional mechanisms by which spatial attention may support mental arithmetic.

Keywords: numerical cognition, spatial attention, development, acalculia, dyscalculia, mathematics, functional brain imaging, non-invasive brain stimulation

Funding: Grant FNRS 1.A231.08
Grant FNRS 1.A057.12
Grant FNRS 1.B005.12
Grant FNRS 1.B025.12
Grant FNRS 1.B.129.16 F
Grant FNRS 1.C.004.14 F
PDR-FNRS T.0163.14

Equipment: Mental chronometry, eye-tracker, tDCS, fMRI (Radio-diagnosis Unit, St-Luc Hospital), TMS (CoAction Lab, UCL/IoNS/COSY), virtual reality (IPSY).

The Numerical Cognition laboratory uses:

- E-Prime 1 and 2 with Microsoft Windows computers to measure performance (i.e. response latencies and error rates) on various computerized tasks with children, healthy adults and brain-damaged patients;
- An EyeLink 2000 eye tracker acquired with the Psy-NAPS and SpringLab groups at UCL. This equipment works by measuring the distance between a light source reflection on the eye ball and the centre of the pupil 2000 times a second;
- Transcranial Direct Current Stimulation (tDCS) a neurostimulation technique that uses low current delivered to the brain area of interest via electrodes on the scalp to improve cognitive performance on a variety of tasks, depending on the area of the brain being stimulated. We use tDCS to modulate attentional, visuo-spatial and numerical abilities in healthy participants, with the aim to develop new protocols combining behavioural training and dual tDCS to improve neurocognitive rehabilitations proposed to brain-damaged patients.
- Brain imaging scanner facilities (3T Achieva, Philips Medical Systems) at the Cliniques universitaires St-Luc, UCL, to record brain activity;
- Transcranial Magnetic Stimulation (TMS) facilities at UCL (CoAction Lab, COSY, IoNS). TMS is a non-invasive technique investigating the extent to which a brain area necessarily contributes to a specific cognitive process by causing a temporary and reversible impairment of this process by applying locally a small magnetic field over the scalp. We are using this opportunity to interfere actively with cerebral processes during behavioural performance to investigate various neurological processes, such as numerosity processing or mental calculation;
- Virtual reality facilities as part of a joint IPSY–ICTeam, UCL, technical platform. The system records room body position and limb actions wirelessly using a Polhemus Liberty Latus 120HZ Motion Analysis System, and hand actions using 5DT Data Gloves. The system records physical movements, and synchronizes visual virtual movements displayed in a 3D in the head mounted display.

Products and services


Services: Assessment, diagnosis and rehabilitation of dyscalculic patients at the “Centre de Consultation psychologique spécialisée en logopédie et neuropsychologie de l’enfant” (IPSY, UCL).

Psy-NAPS (Psychological Interactions in Neuroscience, Action, Perception and Sport) http://psy-naps.org/

Team: Martin Edwards, Clément Letesson, Stéphane Grade, Emilie Lacroix, Marie Alsamour, Vincenza Montedoro, Adrien Denis, Véronique Billement, Cédric Gaudissart.

The laboratory allows the combination of motion- and eye-tracking analyses. Actions can be recorded using the magnetic Polhemus Liberty system that measures the 3D position of up to 7 markers (attached to body parts), 240 times a second. Eye-movements can be recorded using the table mounted, infra-red Eyelink 1000 system that can measure a variety of eye measures, up to 1000 times a second. The two systems are fully compatible, and can be time locked. The equipment can be used for measuring any aspect of psychology involving interactions either between two people, or between a person and the environment. We are also
developing new portable eye-tracking methods using Tobii eyex and EyeTribe in combination with tablets for neuropsychological (bedside) and real-world testing.

**Research field and subjects:** the Psy-NAPS research group investigates sensory perception and action behaviour in cognitive neuropsychology. The research aims to: (i) better understand the relationships and neural processes involved in perception and action behaviour; (ii) develop new perception and action measures and treatment exercises, and (iii) develop and integrate new technology to improve measures of perception and action. To carry out the research, a variety of methods are used including motion tracking kinematic analysis, eye-tracking, robot interaction, virtual reality, simple dexterity/cognitive testing, reaction time, neural stimulation, EEG, brain-computer interface and brain imaging with normal aged and brain injured participants.

**Keywords:** psychology, perception, action, cognitive neuroscience

**Funding:** Fonds de la Recherche Scientifique - FNRS (aspirant), Fonds de la Recherche Scientifique - FNRS (fonds de la Recherche fondamentale collective), DG06 Programme Wallonie-Bruxelles Health 2013, Fonds de la Recherche Scientifique - FNRS: PDR

**Equipment:** Polhemus Liberty Motion Analysis (240HZ), Eyelink 1000 Eye-tracking Analysis (2000HZ), Various clinical tests

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**UCL IVE lab (Immersive Virtual Environment Laboratory)**

**Team:** Martin Edwards, Stéphane Grade, Marie Alsamour, Vincenza Montedoro, Emilie Lacroix, Adrien Denis, Christian Van Brussel, Benoît Macq.

The general aim of this laboratory is to immerse individuals in virtual reality. By synchronizing physical and virtual actions, we can measure participant behaviour while they interact within a controlled and manipulated virtual environment. The laboratory is equipped with a two Oculus Rift virtual reality headsets, Polhemus motion analysis for tracking body position and limb action within real and virtual space, LeapMotion for tracking hand movements and a set of software tools to generate and display the virtual environments. The laboratory also contains an Axinesis rehabilitation robot for controlling the actions of participants in real and virtual space. By controlling interactive force, the robot enables participants to ‘feel’ objects within immersed virtual environments.

**Research field and subjects:** the laboratory is a collaborative technological platform that currently operates between the Psychological Sciences Research Institute (IPSy), the Institute of NeuroSciences (IoNS) and the Institute of Information and Communication Technologies, Electronics and Applied Mathematics (ICTEAM). The IVE Lab members develop and use the virtual reality technologies for a range of different research projects, all of which immerse participants or users in virtual environments or situations. The core technology used is a 3D software environment presented through a head mounted display. In addition to this, we are developing interaction methods that use motion analysis to record physical body movements and insert corresponding visual virtual actions made by a virtual avatar in the virtual environment. The IVE Lab provides an excellent tool for behavioural research as it gives the opportunity to create perfectly controlled and safe environments to investigate research hypotheses, or develop new clinical interventions to treat behavioural problems such as anxiety disorders or those stemming from brain injury.

**Keywords:** psychology, virtual reality

**Funding:** Fonds de la Recherche Scientifique - FNRS (aspirant), DG06 Programme Wallonie-Bruxelles Health 2013, Fonds de la Recherche Scientifique - FNRS: PDR

**Equipment:** Polhemus Liberty Latus Motion Analysis (120HZ), 5DT Data Gloves, various head-mounted displays, Axinesis interactive robot

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**Centre for psychology of religion**
http://www.uclouvain.be/en-psyreli

**Team:** Vassilis Saroglou, Professor, chair (social area), James M. Day, Professor (developmental area), Magali Clobert, FNRS postdoctoral researcher (visiting in Stanford Univ. in 2015), Csilla Deak, FNRS research fellow, Caroline Rigo, UCL research assistant, Claire Prade, FNRS PDR research fellow, Filip Uzarevic, FNRS research fellow, Maria Toth, doctoral student.
In the Centre for Psychology of Religion, many studies, in particular experimental ones, have been carried out the last years to investigate factors explaining the “paradox of religion”. Indeed, religion on the one hand contributes to prosociality/altruism (at least some forms of it); but, on the other hand, it is a source (especially in its fundamentalist and radical forms) of intergroup conflict and violence against those perceived as threatening religious values. This research also included a cross-cultural approach of religions and values, by comparing mainly Christianity, Buddhism, and Islam.

Research field and subjects

Research field:
- Psychology of religion: social and personality, cross-cultural, and developmental

Research subjects:
- Cognitive, emotional, moral, personality and social determinants of religious fundamentalism and ideological dogmatism (Vassilis Saroglou)
- Religious experience, moral judgment, and the role of gender and culture (James Day)
- Religion, prejudice, and dogmatism in Eastern, monotheistic cultural contexts (Magali Clobert)
- Radicalisms’ abstract deontology conflicting with empathy and care; emotional aspects (Csilla Deak)
- Influence of religion on sexuality- and family-related attitudes and behaviours (Caroline Rigo)
- Positive emotions and awe as leading to spirituality, morality, and non-religious beliefs (Claire Prade)
- Psychology of atheism and agnosticism (Filip Uzaveric)
- Personality and moral and religious cognition of gifted adolescents (Matia Toth).

Keywords: fundamentalism, religion, spirituality, positive emotions, awe, values, personality, moral judgment, prosocial behaviour, prejudice, sexuality, cross-cultural comparisons, gender differences, meta-analysis, priming, Islamophobia

Funding: FNRS (Aspirants, Chargé de recherche, Projet de recherche); John Templeton Foundation, USA (2012-2015: Clarifying the very nature of awe and its implications for spirituality).

Experimental Psychopathology Lab
http://www.uclep.be

Team
Senior members: Joël Billieux, Philippe De Timary, Pierre Maurage, Pierre Philippot.

Junior members: Alexandre Heeren, Mandy Rossignol, Magali Lahaye, Félix Banderembaho, Vincent Dethier, Gaëtan Devos, Mélanie Brion, Aline Wéry, Jory Deleuze, Aurélien Cornil, Fabien D’Hondt, Olatz Lopez Fernandez, Séverine Lannoy, Marie Poncin, Kholoud Barakat, Benjamin Roux, Valérie Dormal, Géraldine Petit, Caroline Quoilin, Anne-Charlotte Franckx, Maëva Flayelle.

Research field and subjects: the Experimental Psychopathology Lab is specialized in the elucidation of the psychological processes (cognitive, affective, motivational, interpersonal) involved in the development and maintenance of psychopathological states (especially addictive behaviours and emotional disorders), as well as the development of psychological interventions targeting the incriminated processes (e.g. cognitive and attentional bias, self-control, mental imagery). We are also interested in the identification of psychological process shared by the various psychopathological states (i.e. a transdiagnostic approach of psychopathology), in the development of these psychopathological states (e.g. binge drinking habits among adolescents) and on the influence of biological factors involved in this development (e.g. stress or inflammatory factors). Our approach of experimental psychopathology is inspired by complementary theoretical backgrounds and methodologies (e.g. social and affective neurosciences, cognitive and behavioural psychology, neuropsychology, cognitive psychopathology).

Keywords: psychopathology, cognition, emotion, neurosciences, behavioural and substance addiction, impulsivity, self-regulation, emotional disorders, anxiety, depression, exercise & health, non verbal behaviour, evoked potentials, attentional biases, attentional training, cyber psychology.

Funding: FNRS, Hucohen Foundation, Louvain Foundation, Partenamut, Marie Curie FP7, FSR, Loterie Nationale, IREB

Equipment: Psychophysiology lab; Portable evoked potential lab, Neuropsychological testing, Personality assessment

Products and services
CPS-Emotional disorders

Social psychological lab

Team
Senior members: Olivier Corneille, Stéphanie Demoulin, Rafaele Dumas, Bernard Rimé, Vincent Yzerbyt.
Junior members: Cristina Aelenei, Kourosh Afzalian, Amélie Bret, Antonin Carrier, Matthias De Wilde, Adrien Mierop, Catia Teixeira, Julie Terache, Christophe Vermeulen

Research field and subjects

- The social psychological lab is centered on the study of various cognitive, psychological, group, and cultural variables that shape the way people perceive, influence and interact with the social world. In the recent years, we have dealt with a wide variety of topics involving research on:
  - attitudes and behaviour change
  - evaluative conditioning
  - impression formation and social perception
  - stereotyping, prejudice, and discrimination
  - cross-cultural relations
  - intergroup relations and social emotions
  - sharing of emotions and collective emotions
  - negotiation
  - infra-humanization
  - psychology and law

Most of the research we conduct is experimental but we rely upon a large variety of techniques ranging from questionnaires to laboratory experiments, to archival data to implicit measures. Aside from this experimental work, we are also involved in field studies and applied projects.

Keywords: attitudes and social cognition, intergroup relations and collective processes, negotiation, emotions and expressions, categorization, stereotyping, prejudice, discrimination, psychology and law

Funding: FNRS, ARC, FSR, Centre pour l’égalité des chances

Research field and subjects

The members of the WOP lab are developing research in work and organizational psychology. This research aims at studying psychological principles applied to organizational settings, in order to enhance employee well-being and organizational performance. Specifically, the main research interests of the WOP lab members are:

- Aging and age management at work,
- Discrimination in the workplace,
- Gender and work,
- Health and well-being at work,
- Job strain,
- Organizational dehumanization,
- Perceived organizational/supervisor support,
- Professional recognition,
- Social diversity and minorities’ integration,
- Unemployment as a stigma,
- Work behaviours (e.g. presenteeism, green behaviours at work)
- Work engagement.

The WOP lab members are engaged in both basic and applied research on these topics.

Keywords: work psychology, organizational psychology, workplace, ageism, discrimination, gender, health, well-being, job strain, dehumanization, perceived organizational support, recognition, diversity, unemployment, work behaviours, work engagement.

Funding: Fonds de la Recherche Scientifique (FNRS, FRESH-mandats d’aspirant), Action de Recherche Concertée (ARC – Académie universitaire ‘Louvain’), Pôle d’Attraction Interuniversitaire (PAI – SPP Politique scientifique).

Face Categorization Lab

Team:

Bruno Rossion, Professor, Caroline Michel, Assistante de recherche, Charles Or Chun Fai, Postdoc (FNRS), Jacques Jonas, Ph.D student (FNRS), Stefanie Peykarjou, Ph.D student (FNRS), Aliette Luchy, Assistante de recherche (PAI), Miléna Dzhelyova, Postdoc (FNRS), Talia Retter, Ph.D student (FNRS), Renaud Laguessa, Ph.D student (UCL), Meike Ramon, Postdoc (FNRS), Joan Liu Joan, Postdoc (FNRS), Adélaïde De Heering, Postdoc (FNRS), Geneviève Quek, Boursier (UCL), Xiaoqing Gao, Boursier (FSR), Lisa Quenon, Ph.D student (FNRS), Aalice Van De Walle De Ghelcke, Boursier (FRIA)
Research field and subjects

Project: Neural mechanisms of human face recognition

Summary: This project aims at understanding how the human brain recognizes people by their face. It relies on a variety of methods, including psychophysics, human electrophysiology (ERPs, EEG), neuroimaging (PET, fMRI), recordings of eye movements with gaze-contingency, and single-case lesion studies (prosopagnosia).

Details:

- 1. Face recognition impairments following brain damage (prosopagnosia). Following brain damage (trauma, stroke ...), some people may present with important difficulties in recognizing familiar faces, and encode new faces in memory. This condition is termed prosopagnosia (from the Greek ‘prosopon’ = face, and a-gnosia: without knowledge). Studying cases of prosopagnosia can be particularly interesting, for two reasons: (1) They can help us understanding better the location and the critical role(s) of the brain areas involved in normal face recognition; (2) The kind of visual cues that they still can or cannot extract and remember on faces may help us understanding better how normal people recognize faces (what kind of information/processes are particularly important). Our research group has reported a number of cases of prosopagnosia following brain damage, these patients showing specific recognition impairments for faces (object recognition intact) (e.g. Rossion et al., 2003; Busigny et al., 2010). Importantly, despite different localization of brain damage, these patients still perceive well the elements of a face but they present with difficulties at integrating these elements into a whole, integrated, percept. People involved: T. Busigny, G. Van Belle, M. Ramon, R. Laguesse.

- 2. Neuroimaging of face perception (fMRI). In collaboration with colleagues of the neighbour university of Maastricht (Rainer Goebel in particular), we use functional magnetic resonance imaging (fMRI) to clarify the neural basis of face perception. Among other observations, our studies have identified the neural basis of holistic face perception in areas of the ventral occipito-temporal cortex of the right hemisphere (e.g. Schiltz & Rossion, 2006; Schiltz et al., 2010). Studies are performed in normal humans and brain-damaged patients with prosopagnosia. People involved: F. Gentile, F. Jiang, M. Ramon.

- 3. ERP studies of face perception. To understand the time-course of face perception, we have investigated in depth the response properties of the earliest scalp event-related potential (ERP) associated with face perception, the occipito-temporal N170. Among other observations, we have demonstrated that individual faces are coded at the level of that component (below 200 ms) and characterized the nature of these early perceptual face processes. See the review of the N170 face component by Rossion & Jacques (2011) in the recent Oxford Companion to ERP components (edited by S. Luck and E. Kappenman). People involved: C. Jacques, S. Caharel.

- 4. Eye-movement recordings during face perception. Recording of eye movements during face perception is informative about the cues and processes involved. In collaboration with Philippe Lefèvre and Jean-Jacques Orban de Xivry, we use gaze-contingency - literally stimulating observers depending on where they look - to study the nature of face perception. People involved: G. Van Belle.

- 5. Steady-state visual evoked potentials studies of face perception. We have recently launched the first studies of steady-state visual evoked potentials (SSVEP) during face perception, taking advantage of the high signal-to-noise ratio of the method to test for the sensitivity of the face perception system to various face properties. This project is funded by a new ERC starting grant (2012-2017) and is performed in collaboration with Tony Norcia (Stanford University). People involved: A. Boremanse, J. Liu, G. Van Belle.

- 6. Understanding the neural basis of face perception in the monkey brain: fMRI and neurophysiology. In collaboration with Rufin Vogels and Wim Vanduffel (KUL), we have started (2011) a new research project combining fMRI, to localize face-selective areas in the monkey brain, and single-cell physiology. Single-cell recordings will be performed to characterize the response properties of face-selective neurons in the superior temporal sulcus of the monkey brain, in particular to understand how different faces are coded in sparse populations of neurons. People involved: J. Taubert.

- 7. Development and plasticity of face perception. The adult brain is expert at processing faces, and even newborns already present with a preference for face stimuli as compared to other visual patterns. Nevertheless, the face processing system reaches its maturity only at adulthood. We study the development of the face processing system in newborns (collaboration with F. Simion and C. Turati, University of Padova), as well as children using behavioural and electrophysiological methods. In a more recent project, we investigate the neuroplasticity of the face processing system by

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studies behaviorally and by means of fMRI human adults who recover sight after a prolonged visual deprivation period. People involved: A. de Heering, D. Kuefner, G. Dormal.

**Funding:** ARC project (UCL, 2013-2018): collaboration with Dana Samson, Etienne Olivier, Philippe Lefèvre, FNRS (individual grants, FRSM 2012-2016), ERC starting grant 2012-2017

**Equipment:** 2 eyetracking recording systems (eyelink 2000, SR-research), 1 EEG recording system 160 channels (Biosemi), 1 EEG recording system 64 channels (ANT), 1 digitalizer for recording of electrodes’ positions (Polhemus), Lab space equipped for EEG, eyetracking and behavioural studies, Access to small population of brain-damaged patients with prosopagnosia, Access to a Siemens 3T scanner for fMRI research at Maastricht University.

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**Illuminetti lab group**

[https://sites.google.com/site/illuminettilab/home](https://sites.google.com/site/illuminettilab/home)

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**Team**

*Head:* Olivier Luminet, Full Professor UCL. Research director FRS-FNRS.

*Post-doc:* Elke Vlemincx (FNRS):
A search for the mechanisms underlying respiratory dysregulation in alexithymia

*PhD students:*
Anthony Lane (FNRS), Social Psychoendocrinology, Oxytocin, Testosterone, Emotions, Social Cognition, Pro & Anti-social Behaviours.
Aurélie Van der Haegens (FSR), Collective Memory, Intergenerational transmission, Transgenerational transmission, Emotions, Identity
Djouaria Ghilani (FNRS), Analogical reasoning, historical lessons, cognitive perceptions of the future.
Giorgia Zamariola (Walloon region – excellency program « Food4Gut »), Health, obesity, emotional eating, alexithymia, interoception.
Marlène Mélon (Walloon region, Germaine Tillion social innovation program), Activity, vacation, elderly, well-being, quality of life.
Rose Spijkerman (BELSPO, Brain.be program, « Recognition and resentment: experiences and memories of the Great War in Belgium »), First World War, Belgian Army, History of Emotions, Honour, Shame.
Valérie Broers (Walloon region – excellency program « Food4Gut »), Obesity, food choice, nudging, epidemiology, self-regulation.

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**Research field and subjects**

The Illuminetti group develops two axes of research:

- Emotion, Health, and Personality
- Memory, History, and Emotions

**Emotion, Health, and Personality**
A central tenet of this axis is that being exposed to emotions of various intensities and nature change the way we see, understand, and remember the world. The repetition of emotions of high intensity or of a specific nature will ultimately affect our health, which we always consider from the mental and the physical angle.

Our research examines what happens immediately after someone has been exposed to an emotion (implicit processes). But we also try to understand what happens later on, including very long-term effect of being exposed to an emotion (explicit processes). We give a central role to personality factors that can affect emotion attention, labeling or expression. For more than 20 years, we have studied the role of traits such as alexithymia or emotional competencies. We examine these traits in various contexts as each personality trait can strengthen or decrease cognitive, emotional, or behavioural responses only under specific circumstances. In the recent years, we have included the effects of hormones like oxytocin or testosterone.

Among the fields of application, the one of nutrition is now central for us, among other because our societies are facing huge challenges regarding obesity and (un)healthy food. We also need to propose innovative interventions in order to maintain well-being and high quality of life among more vulnerable people. Our project on the impact of vacation on the health of elderly people is targeting this issue.

**Memory, History, and Emotions**
In this axis, we examine how emotions and cognitions can shape individual and collective memories. For more than 20 years, we have studied the interplay of emotional and cognitive factors in the formation of flashbulb memories and memory for public events.
Recent projects consider an individual approach of memory together with a more social one, which allows comparing notions such as memory for personal vs. national events or communicative vs. cultural memory. We also investigate how memories evolve with time, either on follow-up studies examining the changes in memory for public events or by asking members of different generation from the same family about different events. This should lead to a better understanding of the formation of collective memories during social contexts of interactions.

What to do when we do not have access to people’s current experiences? While WWI has given rise to an enormous amount of research, almost nothing is known about the central emotions that were felt at that time by the different groups of people. We currently examine feelings, expressions, and norms related to two central self-focused emotions, honor and shame in the context of the Belgian army.

How do we derive lessons from History? This question is central regarding the implementation of social practices meant to spread and commemorate History (in history courses, museums, or monuments). Learning from History should apply to other situations, in particular future ones; a transition which requires the resort to analogical reasoning. We suggest the existence of a “foresight bias” that makes the future more determined and predictable in the presence of historical analogies. We suggest a theoretical model in which analogical histories imply the transfer of the causal relational system of a past event to a future one, inducing the perception of a more determined and predictable future.

**Keywords:** Emotion – emotion regulation – personality – alexithymia – health interventions – health promotion - memory – collective memory – flashbulb memories.

**Funding:** People working in Illuminetti are or were funded by various research programs and often integrated within large collaborative projects (ARC, Brain.be, Excellency programs):

- Special fund for research (FSR) from the Université catholique de Louvain (Research fellows, Postdoctoral researchers)
- Walloon region
- Social Innovation call “Germaine Tillion”
- Excellency program “Innovative nutrition research on obesity based on colic nutriments. Biological, behavioural and societal aspects”
- Brussels Region
- Innoviris (Prospective Research for Brussels)

**Goffaux Vision Research lab**
http://sites.uclouvain.be/goffauxlab/index.html

**Team**
Valérie Goffaux (F.R.S.-F.N.R.S. Research Associate)
Kirsten Petras (supported by Fonds Spécial de la Recherche, UCL).

What we do…
The human face conveys a wealth of complex information (e.g. identity, gaze, emotion, gender, etc.) critical for social interactions. Despite face information is conveyed via subtle variations captured by the retina, its analysis by the human visual system is fast and accurate.

Our goal is to understand how the human brain solves the complex task of face perception. By means of psychophysical, electrophysiological, and neuroimaging techniques, we explore what, when, and where face information is integrated in the brain to yield rich and complex face perceptions.

The lab is part of the Institute of Research in Psychology (IPSY) and the Institute of Neuroscience (IoNS).

**Background**
As it enters the brain, the visual signal transmitted by the retina is broken down along two main dimensions: Spatial Frequency (SF) and Orientation.

SF and Orientation decomposition provides the building blocks of visual perception.

Our research question: How does the visual system integrate these building blocks over the course of processing to yield complex and invariant face representations?

**Projects**
*Spatial Frequency processing:*
SF refer to the different spatial resolutions composing an image, with low SF depicting the coarse structure of the image and higher SF representing its finest details.
Core aspects of face processing are primarily driven by the low spatial frequencies (SF) of the visual image. Here are our main findings on this topic:
Orientation Processing:
The processing of low SF information accounts for the early neurophysiological dissociation (N170) between face and object visual processing.

- Low SF convey the most essential cues for holistic/interactive face processing

- The FFA, a high-level visual region preferentially responding to faces, tunes to progressively higher SF ranges of face information over the course of visual processing, supporting coarse-to-fine recurrent models of vision.

Our main findings:

- Behavioural "signatures" of face processing (i.e. the face inversion effect, the facial identity after-effect, face-matching across viewpoint, and interactive, so-called holistic, processing of face parts are driven by a narrow range of horizontal face information.

- The horizontal tuning of face perception is modulated by spatial frequency (SF). The horizontal advantage for processing identity relies on the encoding of middle and high SF. Inversion disrupts the processing of horizontal information in middle and high SF.

- Face-specific representations activated early, in the N170 time window, are preferentially tuned to the information contained in the horizontal orientation range. This indicates that a core aspect of face-specific processing is its early reliance upon horizontally structured image content.

- Face perception develops until adulthood based on the extensive experience humans acquire at extracting horizontal facial information.
doi: 10.1371/journal.pone.0138812. [read]

Holistic/Interactive Processing:
When processing faces, human observers often find it difficult to process a feature (e.g. eyes) without being influenced by the context of the other features (e.g. nose, mouth).
It is a challenge to realize that faces have exactly the same eyes when the latter are embedded in different face contexts. The similarity of the eyes is more obvious when viewed in isolation (cf. composite illusion, whole-part advantage, etc), or when faces are inverted.
Contextual modulations suggest that face features are encoded in a holistic/interactive manner.
Holistic/interactive processing is viewed as a core aspect of face processing specificity as it engages more when processing faces than other visual categories.

Our main findings:

- Holistic/interactive face processing is primarily driven by the low spatial frequencies (SF) of the visual image. Local feature analysis is best based on high SF.
The strength of holistic/interactive processing decreases monotonically as a function of feature dissimilarity. The more similar the features the stronger the interactive processing. Goffaux, V. The discriminability of local cues determines the strength of holistic face processing. Vision research, 64, 17-22 (2012). [read]

Holistic/interactive and featural representations co-exist in the face-selective brain regions in the fusiform gyrus (FFA): FFA response is equally large when all or only a few features differ (subadditive response), irrespective of whether feature differences are processed interactively or locally; Inversion decreases FFA activation most robustly when features are encoded interactively. Goffaux, V., Schiltz, C., Mur, M. & Goebel, R. Local discriminability determines the strength of holistic processing for faces in the fusiform face area. Frontiers in psychology 3, 604 (2013). [read]


Equipment: Psychophysics lab equipped with a Viewpixx display apparatus, access to a Siemens 3T and 7T scanners for fMRI research at Maastricht University.
Projets de recherche
Sources de financement

(a) FNRS (chercheur définitif)  
(b) FNRS (chercheur temporaire)  
(c) FSR  
(d) ARC  
(e) Union européenne  
(f) Région wallonne  
(g) Région flamande  
(h) FWB  
(i) Région bruxelloise  
(j) PAI  
(k) Entreprise  
(l) UCL  
(m) Fonds propres  
(n) Autres

* A partir de 2014, la nomenclature relative aux sources de financement est modifiée ; les sources mentionnées sont directement extraites de REAL.

Domaine : Développement psychologique et éducation, Developmental and educational psychology

Simon BEUSAERT

- On the personal and contextual determinants of teachers formal and informal learning, employability and innovative working behavior (FWB - FSR – Projet)  
  Début : 01/10/2015 Fin : 30/09/2017

Yves BESTGEN

- Développement et évaluation de techniques d’analyse automatique du langage capable d’extrait de grands corpus de textes des données utiles pour la psychologie et la linguistique (a), (l), (c)  
  Début : 01/01/2007 Fin : 31/12/2016

James M. DAY

- Complexité cognitive dans le développement de l’adolescent et de l’adulte, y compris la validation des mesures dans la complexité hiérarchisée, la complexité cognitive et le raisonnement religieux, la complexité cognitive et le raisonnement moral (m)  
  Début : 01/09/2006 – convention avec Harvard University

- Expérience religieuse et variables contextuelles : styles d’identité, réseaux culturels, affiliation religieuse, genre, y compris les différences inter-religieuse (m), (e)  
  Début : 01/09/1996

- Recherche dans le développement moral et prise de décision morale dans l’adolescence et le jeune âge adulte, y compris les éléments religieux et leurs rôles et fonctions dans la prise de décision morale (e), (m), (n)  
  Début : 01/09/2000 – projet-cadre avec financements ponctuels

Mariane FRENAY

- Abandon et persévérance au doctorat (b)  
  Début : 01/01/2012 Fin : 30/06/2016

- Contribution à l’étude des facteurs de réussite en première année d’étude à l’Université du Burundi, des élèves diplômés des collèges communaux (n, bourse du gouvernement)  
  Début : 01/11/2011 Fin : 31/01/2015

- Autorégulation de l’engagement de l’adulte envers son but de formation (l)  

- Vers une meilleure compréhension de la persévérance universitaire via la théorie du comportement planifié, (l)  
  Début : 15/09/2011 Fin : 14/09/2018

- Création d’un centre de ressources, de recherches appliquées et de formation (n)  
  Début : 01/01/2013 Fin : 31/12/2015

- Construction d’un outil pour l’évaluation des dispositifs d’aide à la réussite de l’UCL : recherche-action (FWB)  
  Début : 22/09/2014 Fin : 30/09/2015

- Influence des dispositifs architecturaux sur les pratiques pédagogiques (versant pédagogique) (FWB - FSR – Projet)  
  Début : 01/10/2015 Fin : 30/09/2017

- L’influence des représentations sociales des soignants sur leurs pratiques d’éducation thérapeutique des patients dans le cas de maladies chroniques (FWB - FSR – Mandat)  
  Début : 01/08/2014 Fin : 31/01/2016

Benoit GALAND

- Effet du climat d’école et des pratiques d’enseignement sur le bien-être et les comportements sociaux de l’élève (l)  
• Quels sont les leviers du changement des pratiques pédagogiques, actionnés au cours de la mise en place d’un dispositif didactique ? (n, Fondation Louvain)  
  Début : 01/10/2013 Fin : 31/09/2017  
• Mesures de luttes contre harcèlement et le cyberharcèlement en milieux scolaire  
  Arrêté de subvention de la Communauté Française (FWB)  
  Début : 10/09/2015 Fin : 30/11/2016  
• Le mentorat au service de l’accrochage scolaire - FSE  
  Début: 01/11/2015 Fin: 30/06/2018  
• Facteurs de réussite et d’échec en 1ère année de l’enseignement universitaire (l)  
  Début : 15/09/12 Fin: 14/09/18  
• Abandon et persévérance au doctorat (b)  
  Début : 01/01/2012 Fin : 30/06/2016  
• Assessing Content and Language Integrated Learning (CLIL): Linguistic, cognitive and educational perspectives (FWB - Div Rech. – ARC)  
  Début : 01/10/2014 Fin : 30/09/2019  
• Evaluation des effets d’une formation aux compétences émotionnelles dans le traitement de troubles somatiques (c)  
  Début : 01/10/2011 Fin : 30/09/2015  
• L’impact des nouvelles technologies de l’information et de la communication sur la fatigue. Quel est le lien avec le burnout ? (RW - DGO6)  
  Début : 01/09/2014 Fin : 31/08/2016  
• L’impact de la parentalité négative et du dysfonctionnement cognitif sur les comportements externalisés chez le jeune enfant : une approche expérimentale (d)  
  Début : 01/09/2011 Fin : 31/08/2016  
• La dyslexie à l’Université (l)  
  Début : 30/05/2012 Fin : 31/12/2024  
• Création d’un centre de ressources, de recherches appliquées et de formation (n)  
  Début : 01/01/2013 Fin : 31/12/2015  
• Etude de la nature des représentations phonologiques et orthographiques et de leurs relations dans les troubles développementaux du langage oral et écrit (l)  
  Début : 01/04/2013 Fin : 31/12/2025  
• Etude du développement langagier d’enfants suivis dans le cadre d’une tumeur cérébrale (Ressources propres)  
  Début : 15/09/2014 Fin : 01/04/2027  

Jacques GREGOIRE  

Nathalie NADER-GROSBOIS  

Isabelle ROSKAM  

Marie-Anne SCHELSTRAETE  

Jacques GREGOIRE  

Evaluation des effets d’une formation aux compétences émotionnelles dans le traitement de troubles somatiques (c)  
  Début : 01/10/2011 Fin : 30/09/2015  
• L’impact des nouvelles technologies de l’information et de la communication sur la fatigue. Quel est le lien avec le burnout ? (RW - DGO6)  
  Début : 01/09/2014 Fin : 31/08/2016  

Marie VAN REYBROECK  

  Début : 01/09/2015 Fin : 01/10/2016  
• Soutien personnalisé à l’apprentissage en lecture et écriture sur tablette pour les élèves du primaire (Fondation Louvain)  
  Début : 01.10.2015 Fin 31.12.2017  
• Impact prédictif conjoint ou distinct de la dénomination rapide et de la conscience phonologique sur l’apprentissage de la lecture et les troubles d’apprentissage de la lecture (F.R.S.-FNRS - Mandat aspirant - crédit de fonctionnement)  
  Début : 01/10/2014 Fin : 01/10/2019
Domaine : Cognition et neurosciences, Cognition and neurosciences

Martin EDWARDS

- Oculométrie et cognition: Mesures des processus implicites sous-tendant la cognition perceptivo-motrice, numérique et sociale (b)
  Début : 01/01/2012 Fin : 31/01/2016
- La compréhension de l’acquisition du langage supérieur des enfants : une perspective mnésique (b)
  Début : 05/10/13 Fin : 05/10/17
- La relation entre l'action et la perception: Les effets de l'exécution de l'action, de l'exécution de l'action avec assistance robotique et de l'observation de l'action sur la perception spatiale (FRFC - Projet de recherche)
  Début : 01/07/2014 Fin : 30/06/2018

Mauro PESENTI

- Exploration des processus de traitement de la magnitude (GF - F.R.S.-FNRS - Mandat chargé de recherches)
  Début : 01/10/2014 Fin : 30/09/2015
- Mécanismes visuo-spatio-attentionnels impliqués dans les traitements de magnitude numérique et d’arithmétique mentale (GF - F.R.S.-FNRS - Mandat aspirant)
  Début : 01/10/2011 Fin : 30/09/2015
- Oculométrie et cognition: Mesures des processus implicites sous-tendant la cognition perceptivo-motrice, numérique et sociale (a)
  Début : 01/01/2012 Fin : 31/01/2016

Pierre FEYEREISEN

- Analyse cognitive de la communication gestuelle (a), (l)
  Début : 01/01/1978 Fin : 30/09/2016

Valérie GOFFAUX

- La perception des visages dans le cerveau humain: quoi, où et comment ? (F.W.B - F.S.R – Mandat)
  Début : 01/10/2014 Fin : 01/10/2016
- Perception des visages chez l’Homme: quelle l'information, quand et où est-elle intégrée dans le système visuel? (F.R.S.-FNRS - Mandat aspirant)
  Début : 01/10/2016 Fin : 01/10/2020
- Let’s start with the big picture! Coarse-to-fine processing in visual recognition. (F.R.S.-FNRS – Chargé de Recherche)
  Début : 01/11/2016 Fin : 31/10/2019

Marie-Pascale NOEL

- L’impact de la parentalité négative et du dysfonctionnemment cognitif sur les comportements externalisés chez le jeune enfant : une approche expérimentale (d)
  Début : 01/09/2011 Fin : 31/08/2016
- Impact de facteurs cognitifs généraux et spécifiques sur le développement numérique (a)
  Début : 01/10/2012 Fin : 30/09/2017

- Etude cross-syndromique des traitements numériques de base chez des patients présentant des anomalies génétiques ou congénitales associées à des troubles de l’apprentissage en mathématique (FRFC - Projet de recherche)
  Début : 01/07/2014 Fin : 30/06/2018
- L’impact négatif de l’effet d’interférence dans l'apprentissage: le cas de l'apprentissage des faits arithmétiques (GF - F.R.S.-FNRS - Mandat chargé de recherches)
  Début : 01/10/2015 Fin : 30/09/2018

Agnesa PILLON

- Contrôle cognitif et manque du mot chez les patients aphasiques non fluents. Contribution à l’étude des mécanismes de production lexicale (l)
  Début : 15/09/2011 Fin : 15/09/2017

Bruno ROSSION

- Comprendre les mécanismes de reconnaissance des personnes par leur visage (a)
  Début : 01/10/2003
- Comprendre la perception des visages chez l’humain et le signe grâce à l’approche comportementale, à l’approche neuronale et aux mouvements oculaires (e)
  Début : 01/02/2012 Fin : 31/01/2017
- Bases neurophysiologiques de la perception des visages: potentiels évoqués intracérébraux et stimulation corticale focale (b)
- Les mécanismes d’apprentissage conscients et inconscients (j)
  Début : 01/10/2012 Fin : 30/09/2017
Comprendre la perception des visages chez les jeunes enfants à l'aide de la méthode de stimulation périodique visuelle rapide (GF - F.R.S.-FNRS - Mandat aspirant – Renouvellement)
Début : 01/10/2015 Fin : 30/09/2017

Mise en lumière des mécanismes de perception des visages chez l’Homme à l’aide d’enregistrements neuronaux unitaires (GF - F.R.S.-FNRS - Mandat aspirant – Renouvellement)
Début : 01/10/2015 Fin : 30/09/2017

Investigating developmental changes in facial identity and expression processing with Fast Periodic Visual Stimulation (FWB - FSR - Post-doctorat)
Début : 01/09/2015 Fin : 31/08/2017

Diagnostiquer la dyslexie en âge préscolaire et comprendre les mécanismes d’apprentissage de la lecture par la stimulation périodique visuelle (GF - FRESH - 1ère Bourse)
Début : 01/10/2015 Fin : 31/12/2017

Mise en lumière des mécanismes de perception des visages chez l’Homme à l’aide d’enregistrements neuronaux unitaires (GF - F.R.S.-FNRS - Mandat aspirant – Renouvellement)
Début : 01/10/2015 Fin : 30/09/2017

Clarification des effets de l’expérience perceptuelle et des différences inter-individuelles sur la détection et l’individualisation des visages avec la stimulation périodique visuelle rapide (GF - F.R.S.-FNRS - Mandat chargé de recherches)
Début : 01/10/2015 Fin : 30/09/2018

Perception and action in complex dynamic visual environments (d), (n)
Début : 01/10/2013 Fin : 30/09/2018

Arnaud SZMALEC

Le profil cognitif du cerveau bilingue : un cadre fédérateur (l)
Début : 10/2013 Fin : 08/2018

La compréhension de l’acquisition du langage supérieur des enfants : une perspective mnésique (b)
Début : 5/10/13 Fin : 5/10/2017

Assessing Content and Language Integrated Learning (CLIL): Linguistic, cognitive and educational perspectives (FWB - Div Rech. – ARC)
Début : 01/10/2014 Fin : 30/09/2019

Les déterminants mnésiques à court et à long terme du développement langagier (GF - FRFC - Projet de recherche)
Début : 01/10/2015 Fin : 30/09/2019

Nicolas VERMEULEN

L’influence de l’activation physiologique sur le traitement d’informations émotionnelles: Recherche expérimentale basée sur la théorie de la cognition incarnée (c), (l)
Début : 10/2013 Fin : 10/2017

L’influence de la musique sur l’identification, l’expression et la régulation des émotions (c)
Début : 01/10/2012 Fin : 30/09/2016

DESENSIM: développement et valorisation d'un matériel de désensibilisation permettant de diminuer l'anxiété des enfants avant la pratique d'un acte médical (SPW - DGO6 - First Spin-off)
Début : 01/09/2014 Fin : 31/08/2016
• Rôle de la conscience de soi et de la conscience intéroceptive dans la régulation de comportements à visée homéostatique (FWB - FSR)
  Début : 01/10/2015 Fin : 30/09/2016

• Analyse du rôle de la Conscience de Soi et des autres dimensions liées au Self comme facteurs impliqués dans le développement d'une addiction à l'alcool (GF - FRESH - 1ère Bourse)
  Début : 01/10/2015 Fin : 31/12/2016

Domaine : Psychologie clinique et de la santé, Clinical and health psychology

Joël BILLIEUX

• Le rôle conjoint de l'impulsivité et des croyances dysfonctionnelles chez les joueurs pathologiques (l)
  Début : 01/09/2012 Fin : 30/09/2018

• Le rôle de l'inhibition des réponses dominantes dans les conduites impulsives (c)
  Début : 01/10/2013 Fin : 09/2017

• Troubles de l'usage des technologies (UE-DG REch. Et inov.-FP7 PEOPLE-IEF)
  Début : 01/09/2014 Fin : 31/08/2016

• Une approche cognitive du craving (Ressources propres)
  Début : 20/05/2014 Fin : 15/09/2019

• The role of prepotent response inhibition in impulsive behaviors (FWB - FSR – Projet)
  Début : 01/10/2015 Fin : 30/09/2017

Jan DE MOL

• Existe-t-il un effet d'étiquetage des professionnels envers les patients en milieu psychiatrique résidentiel, et, si oui, cela a-t-il un impact sur leurs pratiques cliniques ? (l)
  Début : 09/2013 Fin : 09/2021

• Etude de l’alliance thérapeutique au sein de la thérapie familiale : Analyse basée sur le "modèle des relations sociales" (SRM) et élaboration d'un outil clinique (FRESH - Crédit de fonctionnement)
  Début : 01/10/2014 Fin : 01/10/2018

• Etude de l’alliance thérapeutique au sein de la thérapie familiale : Analyse basée sur le "modèle des relations sociales" (SRM) et élaboration d'un outil clinique (FRESH - Projet de recherche)
  Début : 01/10/2014 Fin : 31/12/2016

• Chinese children’s sense of agency in parent-child relationships within a context of acculturation (FWB - FSR – Projet)
  Début : 01/10/2015 Fin : 30/09/2017

Pascal DE SUTTER

• Bonheur et sexualité chez la femme : une activité sportive spécifique comme outil de bien-être global et d’épanouissement sexuel (n)
  Début : 10/2012 Fin : 10/2017

• Elaboration et évaluation d’un autotraitement basé sur la pleine conscience dans le traitement du trouble de l’orgasme féminin (certificat en sexologie clinique)
  Début : 07/2013 Fin : 07/2015

• Analyse des déterminants sociocognitifs des comportements sexuels à risque chez la population burundaise âgée de 18 à 69 ans.
  (Financement extérieur non géré à l’UCL & ressources personnelles du chercheur)

Barbara GABRIEL

• Postpartum depression in the marital context: How can family well-being be protected in the longterm? (FWB - FSR – Projet)
  Début : 01/10/2015 Fin : 30/09/2017

Susann HEENEN-WOLFF

• La dynamique de la famille homoparentale avec deux parents mère (l)
  Début : 01/09/2010 Fin : 01/09/2018

• Psychologie de la bisexualité (FWB - FSR – Projet)
  Début : 01/09/2015 Fin : 30/09/2017

Philippe LEKEUCHE

• Etude des facteurs psychologiques dans le processus créateur en art (l)
  Début : 01/09/2006

• Psychothérapie analytique du schizophrène (l)
  Début : 01/11/2008
Olivier LUMINET

- Effets modérateurs de différences individuelles dans la régulation émotionnelle sur la perception, la catégorisation et la mémoire émotionnelle (a), (c), (d)
  Début : 01/10/2011
- Entre préservation du statut social et agressivité, quel est l’impact réel de la testostérone sur le comportement humain? Vers une nouvelle voie de théorisation (c), (b)
  Début : 01/11/2011 Fin : 31/10/2016
- Les effets paradoxaux de l’hormone du lien: Investigation des conditions d’observation d’effets anti-sociaux de l’ocytocine (n)
  Début : 01/07/2013 Fin : 31/06/2017
- Les effets des départs en vacances sur le bien-être et la qualité de vie des personnes âgées en Wallonie. Dans le cadre des bourses Germaine Tillon d’appui à l’innovation sociale (SPW - DGO6 - Germaine Tillon)
  Début : 01/10/2014 Fin : 01/10/2017
- Programme de recherche Food for Gut : l’impact des facteurs psychologiques sur la perception, le jugement et la consommation des nutriments coliques (RW - DGO6)
  Début : 01/09/2014 Fin : 01/09/2018
- Mémoire communicative et transmission intergénérationnelle des souvenirs d’événements historiques : Etudes des processus émotionnels et communicationnels (FWB - FSR – Mandat)
  Début : 15/09/2014 Fin : 01/08/2018

Pierre MAURAGE

- Exploration des processus exécutifs et émotionnels dans l’alcoolodépendance et le syndrome de Korsakoff: Révision de l’hypothèse du continuum (c)
  Début : 01/10/2013 Fin : 30/09/2017
- Le rôle de l’inhibition des réponses dominantes dans les conduites impulsionnelles (c)
  Début : 01/10/2014 Fin : 09/2017
- Exploration du déséquilibre entre les systèmes affectifs et réflexifs dans le binge drinking : une approche électrophysiologique et longitudinale (F.R.S.-FNRS - Mandat aspirant - crédit de fonctionnement)
  Début : 01/10/2014 Fin : 31/10/2016
- Évaluation du programme "Responsible Party" et exploration de nouvelles pistes de prévention dans le binge drinking (IREB)
  Début : 24/06/2015 Fin : 23/06/2020
- Exploration des processus exécutifs et émotionnels dans l’alcoolodépendance et le syndrome de Korsakoff (FWB - FSR – Projet)
  Début : 01/10/2015 Fin : 30/09/2017

Moïra MIKOLAJCZAK

- Entre préservation du statut social et agressivité, quel est l’impact réel de la testostérone sur le comportement humain? Vers une nouvelle voie de théorisation (c), (b)
  Début : 01/10/2011 Fin : 31/10/2016
- Développement et évaluation d’outils de formation aux compétences relationnelles et communicationnelles des psychologues cliniciens (l)
  Début : 01/01/2010 Fin : 31/12/2016
- Le rôle conjoint de l’impulsivité et des croyances dysfonctionnelles chez les joueurs pathologiques (l)
  Début : 09/2012 Fin : 30/09/2018
- Psychologie de la bisexualité : théorie et approche clinique (c), (b)
  Début : 09/2013 Fin : 06/2017
- Bonheur et sexualité chez la femme : une activité sportive spécifique comme outil de bien-être global et d’épanouissement sexuel (n)
  Début : 10/2012 Fin : 10/2017
- Les effets paradoxaux de l’hormone du lien: Investigation des conditions d’observation d’effets anti-sociaux de l’ocytocine (n)
  Début : 01/07/2013 Fin : 31/06/2017
- Evaluation des effets d’une formation aux compétences émotionnelles dans le traitement de troubles somatiques (c)
  Début : 01/10/2014 Fin : 30/09/2015
- Processus cognitifs et émotionnels sous-jacents à l’effet de la pleine conscience sur la réponse empathique (F.R.S.-FNRS - Mandat aspirant - crédit de fonctionnement)
  Début : 01/09/2014 Fin : 01/01/2017
- Aide à la publication des articles liés au projet FSR 2013 "Evaluation des effets d'une formation aux compétences émotionnelles dans le traitement des migraines, de l'eczéma et de l'obésité". (FWB - FSR)
  Début : 01/01/2015 Fin : 31/12/2017

Pierre PHILIPPOT

- Exposition et attention : quel est le gradient attentionnel optimal à allouer aux stimuli phobogènes dans la thérapie par exposition ? (l)
  Début : 17/09/2012 Fin : 15/09/2018
- Le dénouement des liens entre le mode de traitement des pensées répétitives et les capacités de contrôle attentionnel dans la régulation des troubles anxiodepressifs (F.R.S.-FNRS - Mandat aspirant - crédit de fonctionnement)
  Début : 01/10/2014 Fin : 01/10/2018
**Stephan VAN DEN BROUCKE**

- **Traumatismes Organisationnels (Ecole Royale Militaire)**  
  Début : 16/09/2013  Fin : 16/09/2017
- **Type 2 diabetes self-management education in South Africa: A comparative assessment of different educational approaches and of the conditions for effective implementation (l)**  
  Début : 01/10/2013  Fin : 30/09/2016
- **Diabetes Literacy. Améliorer l’efficacité des programmes d’éducation à l’autogestion du diabète : Une évaluation comparative des différentes approches (e)**  
  Début : 01/11/2012  Fin : 31/10/2015
- **Amélioration du (coût-) efficacité de l'éducation à l'autogestion du diabète: Une évaluation comparative des différentes approches et des conditions d'enseignement pour le succès de l'implémentation (UE - DG Rech. et innov. - FP7 HEALTH – CP)**  
  Début : 04/09/2015  Fin : 31/12/2015
- **Emotional and cognitive factors influencing the effectiveness of diabetes self-management education: An extension of the Diabetes Literacy project (FWB - FSR – Projet)**  
  Début : 01/10/2015  Fin : 30/09/2017
- **Programme de recherche Food for Gut : l’impact des facteurs psychologiques sur la perception, le jugement et la consommation des nutriments coliques (RW - DGO6)**  
  Début : 01/09/2014  Fin : 01/09/2018

**Domaine : Comportement social, travail et société, Social behaviour, work and society**

**Annalisa CASINI**

- **WISDOM: Un outil au service des processus d’innovation sociale dans le maintien à domicile des personnes âgées en Région Wallonne. Dans le cadre des bourses Germaine Tillion d’appui à l’innovation sociale (SPW - DGO6 - Germaine Tillion)**  
  Début : 01/08/2014  Fin : 31/07/2017

**Olivier CORNEILLE**

- **Effets projectifs et introjectifs dans les associations soi-objets (l)**  
  Début : 01/09/2012  Fin : 30/09/2016

**Emmanuelle ZECH**

- **L’accompagnement du deuil périnatal et l’ajustement des pratiques hospitalières aux besoins des parents (Ressources propres)**  
  Début : 01/11/2014  Fin : 01/11/2026
- **Les interventions psychologiques auprès des patients souffrant d’un cancer : Que peut-on faire au delà de l’annonce de la mauvaise nouvelle ? (Fondation Saint-Luc)**  
  Début : 01/10/2010  Fin : 03/12/2015
- **Les attitudes thérapeutiques: Études sur leur efficacité dans plusieurs populations de clients et sur les formations permettant leur apprentissage (Ressources propres)**  
  Début : 01/09/2010  Fin : 31/08/2017
- **Développement et évaluation d’une formation aux compétences d’aide (Ressources propres - FDP)**  
  Début : 01/09/2011  Fin : 31/08/2017
- **L’influence de l’interaction entre les modes relationnels du thérapeute et du client sur la relation thérapeutique (Ressources propres)**  
  Début : 01/09/2011  Fin : 31/08/2018

**Olivier CORNEILLE**

- **Effets projectifs et introjectifs dans les associations soi-objets (l)**  
  Début : 01/09/2012  Fin : 30/09/2016

**L’impact de la possession d’un objet sur les préoccupations des gens au sujet de ses acheteurs potentiels et sur le choix de son prix de vente, en fonction du candidat acheteur (c)**  
Début : 01/10/2010  Fin : 30/09/2014
- **Le rôle de la conscience dans le conditionnement évaluatif : un examen critique de l’approche duelle de la formation d’attitudes (F.R.S.-FNRS - Mandat aspirant - crédit de fonctionnement)**  
  Début : 01/10/2014  Fin : 30/09/2018
- **Programme de recherche Food for Gut : l’impact des facteurs psychologiques sur la perception, le jugement et la consommation des nutriments coliques (RW - DGO6)**  
  Début : 01/09/2014  Fin : 01/09/2018
Stéphanie DEMOULIN

- Effets projectifs et introjectifs dans les associations soi-objets (l)
  Début : 01/09/2012 Fin : 30/09/2016
- Infra-humanization : Les effets des émotions uniquement humaines et non-uniquement humaines à la justice (UE - DG Rech. et innov. - FP7 PEOPLE – IEF)

Donatienne DESMETTE

- Conception et réalisation d'une recherche portant sur 1) la perception et la gestion des phénomènes de discriminations et 2) les besoins d'outils de lutte contre les discriminations (n)
  Début : 03/04/2015 Fin : 31/12/2015
- « Vieillissement au travail : analyse du bien-être tout au long de la carrière à la lumière des processus de la théorie de la sélectivité socio-émotionnelle. » (l)
  Début : 16/09/2013 Fin : 16/09/2019
- Les bénévoles : plus compétents mais moins chaleureux ? Analyse de l’influence du contexte sur les relations intergroupes et de leurs conséquences organisationnelles (j)
  Début : 01/10/2012 Fin : 30/09/2016
- A la marge du marché du travail : production sociale de l’(in)sécurité au travail dans la société post-industrielle (c)
  Début : 01/10/2010 Fin : 30/09/2015
- If not profit, for what ? And how ?”, Sub-theme 3.2. “More competent but less warm? Perceptions about volunteers in the changing context of volunteer work and organizational consequences (IAP project n°P7/42)
  Début : 2012 Fin : 2017

 Ginette HERMAN

- Les bénévoles : plus compétents mais moins chaleureux ? Analyse de l’influence du contexte sur les relations intergroupes et de leurs conséquences organisationnelles (j)
  Début : 01/10/2012 Fin : 30/09/2016
- A la marge du marché du travail : production sociale de l’(in)sécurité au travail dans la société post-industrielle (c)
  Début : 01/10/2010 Fin : 30/09/2015

VassiliS SAROGLOU

- L’aspect obscur, ou pas très lumineux, de l’émotion d’émerveillement (« awe ») (b) (F.R.S.-FNRS – PDR)
  Début : 01/07/2014 Fin : 30/06/2016
- Tension entre religion et sexualité : identification des processus psychologiques sous-jacents (l)
  Début : 01/10/2011 Fin : 30/10/2017
- Les conflits entre la déontologie impersonnelle abstraite et des préoccupations interpersonnelles prosociales (b) (GF – F.R.S.-FNRS – Mandat aspirant)
  Début : 01/10/2012 Fin : 30/09/2016
- Différences culturelles vs religieuses : Isomorphisme ou compensation ? (GF - F.R.S.-FNRS - Mandat chargé de recherches)
  Début : 01/10/2015 Fin : 01/10/2019
- Athéisme contemporain : indifférence, croyance ou dogmatisme ? (GF - F.R.S.-FNRS - Mandat aspirant)
  Début : 01/10/2015 Fin : 30/09/2017

Florence STINGLHAMBER

- L’influence du support organisationnel perçu sur les attitudes et comportements des employés : Examen d’une perception relative (b)
  Début: 1/10/2012 Fin : 30/09/2016
- Le support perçu et l’identification comme médiateurs de la relation entre la justice organisationnelle et le « Readiness for Change » : une approche multisource (m)
  Début: 1/10/2014 Fin : 30/09/2019
- Le conflit travail-famille: Étude des antécédents et conséquences (n)
  Début: 1/10/2012 Fin : 30/09/2017

Vincent YZERBYT

- Agency and Competence in Social Judgment (FWB – FSR – Post-doctorat)
  Début : 15/09/2015 Fin : 14/09/2017
- Du rôle de la compensation entre les dimensions de compétence et de chaleur dans la comparaison sociale (FWB - FSR – Projet)
  Début : 01/10/2015 Fin : 30/09/2017
6

Publications
Articles de périodique


http://hdl.handle.net/2078.1/165527

http://hdl.handle.net/2078.1/153066

http://hdl.handle.net/2078.1/161941

http://hdl.handle.net/2078.1/154598

http://hdl.handle.net/2078.1/168881

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http://hdl.handle.net/2078.1/137931

http://hdl.handle.net/2078.1/154981


http://hdl.handle.net/2078.1/160826


163. Sørensen, Kristine, Pelikan, Jürgen M., Röthlin, Florian, Ganhärl, Kristin, Slonska, Zofia, Doyle, Gerardine, Fullam, James, Konidilis, Barbara, Agrafiotis, Demosthenes, Uiters, Ellen, Falcon, Maria, Mensing, Monika, Tchamov, Kancho,


Contributions à un ouvrage collectif


32. Yzerbyt, Vincent, Delroisse, Stéphanie, Herman, Ginette. Surtout ne changez rien! La justification au cœur de la discrimination. In: J. Ringelheim, G. Herman, & A. Rea (Eds.), Politiques
http://hdl.handle.net/2078.1/157944


Monographies


Séminaires et conférences
Séminaires de recherche

Depuis sa création, l'Institut de recherche en Sciences Psychologiques (IPSY) mène une politique active d'ouverture internationale en cofinancant la venue de conférencier(e)s étrangers invité(e)s par ses membres. Ces conférencier(e)s interviennent dans le programme des Séminaires scientifiques de l'Institut. Au cours des cinq dernières années, plus de 30 séminaires avec invité(e)s étranger(e)s ont ainsi été organisés chaque année.

Janvier 2015

- Greta Pelgrims, Université de Genève
  Autorégulation émotionnelle et motivationnelle chez les élèves ayant des besoins éducatifs particuliers en classes spécialisées
  Invitante : Marie van Reybroeck

- Lucy Yardley, University of Southampton, UK
  Digital public health interventions: potential and challenges
  Invitants : Stephan Van den Broucke, Louise Schinckus

Février 2015

- Christian Sarralié, Université Paris Ouest
  Rencontre avec des élèves en situation de handicap.
  Invitantes : Anne Bragard, Marie Van Reybroeck, Catherine Van Nieuwenhoven

- Laurent Karila, Hôpital Paul Brousse, Université Paris Sud-11
  L'addiction aux drogues stimulantes
  Invitant : Joël Billieux

Mars 2015

- Olga Klimecki, Université de Genève
  The influence of empathy-related emotions on social behavior
  Invitants : Moïra Mikolajczak, Nicolas Vermeulen

- Maja Becker (Université Toulouse Jean Jaurès)
  Universalisme sans uniformité: des variations culturelles dans la construction de l’estime de soi et du sentiment de continuité de soi
  Invitante : Ginette Herman

Avril 2015

- Nour Sami Kteily, Kellog School of Management, Illinois, USA
  A theoretical and empirical case for blatant dehumanization
  Invitante : Stéphanie Demoulin

- Norcia Anthony, Stanford University, CA, USA
  Vision in Autism
  Invitant : Bruno Rossion

- Nathalie Lionet-Przygodski, Université de Lille 3, France
  Communication judiciaire et perception de justice : Exemples d’apports de la psychologie à la justice pénale
  Invitante : Rafaele Dumas

- Michael E. McCullough, DHC UCL PSP-IPSY, University of Miami
  Thanks to Darwin: Gratitude and the Evolution of Friendship in Biological Markets
  Invitant : Vassilis Saroglou

- William Hirst, New School for Social Research, USA
  Intergenerational Transmission of Memory: Case Studies Across the World
  Invitant : Olivier Luminet

- Lucien Rochat, Université de Genève
  Améliorer le contrôle de la colère chez une personne avec un traumatisme crânio-cérébral sévère : une étude de cas unique
  Invitante : Joël Billieux

Mai 2015

- Jolanda van der Noll, University of Hagen, Germany
  "I have nothing against Muslims, but ..." Reactions to Muslims and perceived value violations
  Invitantes : Isabelle Roskam, Neda Bebirolglu Abiven

- Valérien Boudjemadi, Université de Strasbourg
  Déshumanisation et infra-humanisation dans les rapports intergénérationnels
  Invitante : Stéphanie Demoulin
**Séminaires et conférences**

**Martina Zemp, Universität Zürich**  
*Interparental conflict and its implications for children*  
Invitante : Barbara Gabriel  

**Juin 2015**

**Petrută Rusu, Universităţii Suceava, Romania et Université Zuerich**  
*Sanctification of marriage and relationship functioning*  
Invitante : Barbara Gabriel  

**Jordi Quoidbach, University Pompeu Fabra, Barcelona**  
*When Less is More*  
Invitantes : Moïra Mikolajczak, Fanny Weytens  

**Claus Vögele, Université du Luxembourg**  
*Self-regulation and health*  
Invitants : Pierre Philippot, Mandy Rossignol  

**Yacine Ouzzahra, University of Luxembourg**  
*The effects of exercise on emotion-regulation and risk-taking*  
Invitants : Pierre Philippot, Mandy Rossignol  

**Mariek M. P. Vanden Abeele, University of Gent, Belgium**  
*Addiction versus Habit: Understanding Automaticity in Mobile Phone Use from a Media Effects Perspective*  
Invitants : Joël Billieux  

**Antonius J. van Rooij, University of Gent**  
*Video games: from addiction to motivation*  
Invitants : Joël Billieux  

**Septembre 2015**

**Isabelle Archambault, Université de Montréal**  
*Influence différentielle de l’école et des enseignants sur l’engagement scolaire des élèves immigrants et non immigrants en milieux défavorisés*  
Invitant : Benoît Galand  

**Wim Gevers, Université libre de Bruxelles**  
*Approximately no sense in the number sense*  
Invitant : Mauro Pesenti  

**Kostantinos Priftis, University of Padova, Italy**  
*Newborn chicks and the number space*  
Invitant : Mauro Pesenti  

**Novembre 2015**

**Pierre Chandon (INSEAD)**  
*Pleasure as a Substitute for Size: How Multisensory Imagery Can Make People Happier with Smaller Food Portions*  
Invitants : Olivier Luminet, Stephan Van den Broucke  

**Alexander Minnaert, Rijksuniversiteit Groningen**  
*Bridging the gap between educational theory and practice: challenges and pitfalls*  
Invitants : Benoît Galand, Virginie Hospel  

**Niko Männikkö, Oulu University of Applied Sciences**  
*Problematic digital gaming behavior and its relation to the psychological, social and physical health of finnish adolescents and young adults*  
Invitants : Olatz Lopez-Fernandez et Joël Billieux  

**Jessica Werthmann, King's College London, United Kingdom**  
*Attention bias for food, eating behaviour and body weight*  
Invitants : Axel Cleeremans, Olivier Corneille, Olivier Klein, Olivier Luminet, Stephan Van den Broucke  

**Décembre 2015**

**Amanda Marshall, Université d'Essex**  
*Keep Calm and Age Well? Age-related vulnerability to acute and cumulative stress exposure*  
Invitants : Pierre Philippot, Stefan Agrigoroaei  

**Pierre Orban, Université de Montréal**  
*La désintégration cérébrale fonctionnelle dans la schizophrénie: de la détection à la prédiction avec lIRMf*  
Invitants : Fabien D'Hondt, Pierre Maurage  

**Frederick Verbruggen, University of Exeter, Exeter (UK)**  
*Executive control of (impulsive) action*  
Invitant : Joël Billieux  

**Nicolas Chevalier, University of Edinburgh, UK**  
*Executive function development: Making sense of the environment to behave adaptively*  
Invitantes : Marie-Pascale Noël, Alexandra Volckaert
Conférences grand public

Chaque année IPSY organise un cycle de conférences à destination du grand public. Ces conférences ont pour but de partager et vulgariser les résultats des travaux de recherche réalisés dans l’Institut. Ces espaces de rencontre permettent aux conférencier(e)s de faire connaître les incidences sociétales de la recherche en psychologie. Chaque conférence réunit 250 à 300 personnes.

3 février 2015

- Ginette Herman
  La non-discrimination a-t-elle de beaux jours devant elle ? Une analyse des effets des politiques antidiscriminatoires actuelles

26 mai 2015

- Stephan Van den Broucke
  Combattre les inégalités en santé: Les apports de la psychologie

2 décembre 2015

- Frédéric Nils
  Orientation scolaire et professionnelle : quels chemins pour trouver sa voie ?
Thèses de doctorat défendues et en cours
Thèses de doctorat défendues

Janvier 2015

- Marie COURTOIS
  Comment les employeurs traitent la diversité ?
  Justification des préjugés et discrimination dans les organisations
  Promoter(s): Ginette Herman

Février 2015

- Antoine NDAYIZAMBA
  L’expérience de l’échec ou de la réussite en 1ère année à l’Université du Burundi d’étudiants provenant des lycées communaux
  Promoter(s): Mariane Frenay

Avril 2015

- Joan LIU
  Understanding the nature of human face perception by means of steady-state visual evoked potentials
  Promoter(s): Bruno Rossion

Mai 2015

- Thi Thu Hien NGUYEN
  Le passage des nombres entiers aux nombres rationnels au cours de la scolarité primaire. Étude comparative entre le Vietnam et la Belgique
  Promoter(s): Jacques Grégoire

Juillet 2015

- Jonathan DEDONDER
  The role of awareness in evaluative learning: contribution to research on the mere exposure effect and evaluating conditioning.
  Promoter(s): Olivier Corneille & Vincent Yzerbyt

Août 2015

- Elise BRASSART
  Approche expérimentale du rôle des interactions verbales sur les troubles externalisés du comportement chez le jeune enfant
  Promoter(s): Marie-Anne Schelstraete

Septembre 2015

- Françoise ADAM
  Approche cognitive et comportementale de la sexualité des femmes basée sur la méditation de pleine conscience. Elaboration et évaluation d’un auto-traitement pour l’anorgasme coïtal féminin
  Promoter(s): Pascal de Sutter & James Day

- Nicolas MASSON
  Mechanisms of visuo-spatial attention involved in numerical magnitude and mental arithmetic processes
  Promoter(s): Mauro Pesenti

Novembre 2015

- Virginie HOSPEL
  Fondements théoriques de l’efficacité des pratiques d’enseignement et effets différenciés
  Promoter(s): Benoît Galand

- Lucie MACCHI
  Facteurs prédictifs et caractéristiques des capacités de lecture d’enfants présentant ou ayant présenté des troubles spécifiques du développement du langage oral
  Promoter(s): Marie-Anne Schelstraete

Décembre 2015

- David OGEZ
  Les interventions psychologiques auprès des patients souffrant d’un cancer : que peut-on faire au-delà de l’annonce de la mauvaise nouvelle ?
  Promoter(s): Emmanuelle Zech & Philippe de Timary

- Alexandra VOLCKAERT
  Approche expérimentale du rôle des fonctions exécutives sur les troubles externalisés du comportement chez le jeune enfant
  Promoter(s): Marie-Pascale Noël
Thèses de doctorat en cours

Domaine : Développement psychologique et éducation, Developmental and educational psychology

Noémie BAUDOIN

- Effects of school climate and teaching practices on students’ wellbeing and social behavior
- Effet du climat d’école et des pratiques d’enseignement sur le bien-être et les comportements sociaux de l’élève

Promoter(s): Benoît Galand
Admission: 2010

Jean BRUNELLI

- Apprendre l’incertitude fructueuse. Analyse de l'impact de la participation régulière à une communauté de recherche sur le niveau de complexité cognitive des 12-15 ans en cognition religieuse

Promoter(s): James M. Day
Admission: 2015

Emilie COLLETTE

- Dyslexia at University
- La dyslexie à l’Université

Promoter(s): Marie-Anne Schelstraete
Admission: 2011

Mikaël DE CLERCQ

- The impact of motivation and learning environment on academic achievement in first year at the university
- La motivation et les pratiques d’enseignement ont-elles un effet modérateur sur les facteurs de risque relatifs à l’échec en première année d’université ?

Promoter(s): Mariane Frenay & Benoît Galand
Admission: 2010

Sébastien DELISSE

- Quels sont les leviers du changement des pratiques pédagogiques actionnés au cours de la mise en place d’un dispositif didactique ?

Promoter(s): Xavier Dumay & Benoît Galand
Admission: 2014

Caroline DOZOT

- Facteurs cognitifs et motivationnels favorisant l’autorégulation chez les étudiants suite aux tests formatifs en première Bac à l’Université

Promoter(s): Mariane Frenay & Marc Romainville (Université de Namur)
Admission: 2013

Sylvie DUVAL

- Etude des modulations de l’effort cognitif chez les étudiants dyslexiques à l’université. Rôle des facteurs cognitifs, émotionnels et motivationnels

Promoter(s): Marie-Anne Schelstraete
Admission: 2014

Claire GOSSE

- Interactions entre le geste graphomoteur et l’orthographe chez les enfants tout-venants et chez les enfants en difficultés d’apprentissage du langage écrit

Promoter(s): Marie Van Reybroeck & Christophe De Vleeschouwer
Admission: 2015

Sophie HANCISSE

- Etude du développement langagier d’enfants suivis dans le cadre d’une tumeur cérébrale

Promoter(s): Marie-Anne Schelstraete
Admission: 2015
Marine HOUSSA

- An experimental approach of the role of social cognition in externalizing behavior in preschoolers
- Approche expérimentale de rôle de la cognition sociale dans les troubles externalisés des enfants d’âge préscolaire

Promoter(s): Nathalie Nader-Grosbois
Admission: 2011

Emilie JACOBS

- Cognition sociale et socialisation parentale des émotions : quel impact sur les compétences émotionnelles et sociales d'enfants présentant une déficience intellectuelle

Promoter(s): Nathalie Nader-Grosbois
Admission: 2015

Anne JACOT

- Self-regulation of adult’s engagement towards its educational goal
- Autorégulation de l’engagement de l’adulte envers son but de formation

Promoter(s): Isabel Raemdonck & Mariane Frenay
Admission: 2010

Antoine LECAT

- On the determinants of teachers’ formal and informal learning, their employability and innovative working behavior in various career phases

Promoter(s): Simon Beusaert & Isabel Raemdonck
Admission: 2015

Christophe LEJEUNE

- L’impact des plans de développement personnels en ligne sur les activités d'apprentissage, le développement des compétences et la performance

Promoter(s): Isabel Raemdonck (IACS) & Simon Beusaert
Admission: 2014

Laurie LOOP

- Experimental approach to the role of parent self-efficacy beliefs and emotion regulation skills in externalizing behavior of preschoolers
- Approche expérimentale du rôle du sentiment de compétence parental et de la régulation émotionnelle des parents sur les comportements externalisés du jeune enfant

Promoter(s): Isabelle Roskam
Admission: 2012

Stéphanie MAZZONE

- Links between parental socialization of emotions, theory of mind, emotion regulation in typically and atypically developing preschoolers
- La socialisation parentale des émotions en lien avec les compétences en théorie de l’esprit et en régulation émotionnelle d’enfants typiques et atypiques de niveau préscolaire

Promoter(s): Nathalie Nader-Grosbois
Admission: 2011

Bénédicte MOUTON

- Experimental approach to the role of parenting in the externalizing behavior of young children
- Approche expérimentale du rôle de la parentalité sur les troubles externalisés du comportement chez le jeune enfant

Promoter(s): Isabelle Roskam
Admission: 2011

Stéphanie PAQUOT

- Nature of phonological and orthographic representations and their link in developmental language and reading disorders
- Etude de la nature des représentations phonologiques et orthographiques et de leurs relations dans les troubles développementaux du langage oral et écrit

Promoter(s): Marie-Anne Schelstraete
Admission: 2012
Nathalie RIEZ

- La capacité d’être seul : analyse du concept dans ses dimensions développementale et psychopathologique
Promoter(s): Anne-Christine Frankard & James M. Day
Admission: 2014

Nathalie ROLAND

- Comprendre la persévérance universitaire au travers de la théorie du comportement planifié
Promoter(s): Mariane Frenay & Gentiane Boudrenghien
Admission: 2012

Antoine SAUTELET

- Le développement du jugement moral et de l’éthique professionnelle des enseignants en formation initiale
Promoter(s): James M. Day
Admission: 2009

Régine SPONAR

Promoter(s): Jacques Grégoire
Admission: 2012

Maria TOTH

- The contribution of the intelligence to the existential questioning in the gifted young people
- La contribution de l’intelligence au questionnement existentiel chez les jeunes à haut potentiel
Promoter(s): James M. Day
Admission: 2011

Caroline VANDER STAPPEN

- Impact prédictif conjoint ou distinct de la dénomination rapide et de la conscience phonologique sur l’apprentissage de la lecture et les troubles de l’apprentissage de la lecture
Promoter(s): Marie Van Reybroeck & Marie-Anne Schelstrate
Admission: 2014

Charlotte VERFAILLE

- Explorer un espace dououreux. Études neuropsychologiques de la relation entre douleur, perception spatiale et motricité
Promoter(s): Valéry Legrain
Admission: 2014

Gil VERTONGEN

- Motivational dynamic of adults returning to university
- Dynamique motivationnelle des adultes en reprise d’études universitaires
Promoter(s): Frédéric Nils & Isabelle Roskam
Admission: 2006

Domaine : Cognition et neurosciences, Cognition and neurosciences

Marie ALSAMOUR

- The neuropsychology of perception to action, and action to perception
Promoter(s): Martin G. Edwards & Gaëtan Stoquart (MEDE)
Admission: 2014

Marie BAYOT

- The role of emotion-specific resources in cross-modal processing of emotional stimuli
- Le rôle des ressources affectives dans le traitement cross-modal de stimuli émotionnels
Promoter(s): Nicolas Vermeulen
Admission: 2012
Thèses de doctorat défendues et en cours

Alexy BECK

- Etude de la prise de perspective visuelle à l’aide de la technique des steady-state visual-evoked potentials (SSVEP)

Promoter(s): Dana Samson & Bruno Rossion
Admission: 2013

Brice BEFFARA

- Implication du modèle fréquentiel dans la régulation des émotions chez le participant sain et alexithymique

Promoter(s): Nicolas Vermeulen & Martial Mermillod (Université de Grenoble)
Admission: 2013

Véronique BILLEMONT

- Que peuvent nous apprendre les patients souffrant de troubles de la conscience de l'action volontaire sur le sens de l'agentivité ?

Promoter(s): Martin G. Edwards
Admission: 2015

Aurélie BIERVOYE

- Neural and cognitive processes underlying the inference of affective vs. cognitive mental states
- Traitements cognitifs et neuraux sous-jacents à l’inférence d’états mentaux affectifs vs. cognitifs

Promoter(s): Dana Samson
Admission: 2012

Adriano BOREMANSE

- Etude de la perception holistique des visages par la technique des potentielles évoqués steady-state

Promoter(s): Bruno Rossion
Admission: 2008

Diana DONGO MILETICH

- The impact of social expectations on cognitive and neural processes of moral judgment

Promoter(s): Dana Samson
Admission: 2013

Cédric GAUDISSART

- Measuring the effect of stress on motor-priming

Promoter(s): Martin G. Edwards
Admission: 2015

Stéphane GRADE

- Implication of motor and numerical processes in the perception of external space
- Implication des processus moteurs et numériques dans la perception de l’espace

Promoter(s): Martin Edwards & Mauro Pesenti
Admission: 2011

Marie GRYSPEERT

- Cognitive control and anomia in non-fluent aphasic patients. Contribution to the study of lexical production mechanisms
- Contrôle cognitif et manque du mot chez les patients aphasiques non fluents. Contribution à l’étude des mécanismes de production lexicale

Promoter(s): Agnesa Pillon
Admission: 2011

Nastasya HONORE

- Impact of general and specific cognitive factors on numerical development
- Impact de facteurs cognitifs généraux et spécifiques sur le développement numérique

Promoter(s): Marie-Pascale Noël
Admission: 2012

Anne KEVER

- The role of interoceptive awareness in adaptive self-regulation of physical and psychological stressors

Promoter(s): Nicolas Vermeulen
Admission: 2013
Emilie LACROIX

- L’impact des déficits vestibulaires sur le développement des fonctions visio-spatiales chez l’enfant sourd

Promoter(s): Martin Edwards & Naïma Deggouj (MEDE)
Admission: 2013

Renaud LAGUESSE

- Étude clinique du traitement des visages au sein de la population

Promoter(s): Bruno Rossion
Admission: 2009

Laëtitia LELOUP

- Approche neurocognitive de la cognition morale

Promoter(s): Dana Samson
Admission: 2011

Clément LETESSON

- Oculométrie et cognition : mesures des processus implicites sous-tendant la cognition perceptivo-motrice

Promoter(s): Martin G. Edwards & Dana Samson
Admission: 2012

Nicolas MASSON

- Mechanisms of visuo-spatial attention involved in numerical magnitude and mental arithmetic processes
- Mécanismes visuo-spatio-attentionnels impliqués dans les traitements de magnitude numérique et d’arithmétique mentale

Promoter(s): Mauro Pesenti
Admission: 2011

Sabine MEURRENS

- Theory of mind training for brain-damaged patients
- Entrainement à la théorie de l'esprit pour patients cérébrolésés

Promoter(s): Dana Samson
Admission: 2015

Nicolas MICHAUX

- Contribution of the verbal, visuo-spatial and motor systems to mental arithmetic
- Contribution des systèmes verbal, visuo-spatial et moteur dans l’arithmétique mentale

Promoter(s): Mauro Pesenti & Michael Andres
Admission: 2010

Vincenza MONTEDORO

- Compréhension des liens qu'entretient l'hemiparesie avec l'héminalgédence et l'ataxie optique

Promoter(s): Martin Edwards & Thierry Lejeune (IONS)
Admission: 2014

Laura ORDONEZ MAGRO

- Les déterminants mnésiques à court et à long terme du développement langagier

Promoter(s): Arnaud Szmalec & Steve Majerus (Université de Liège)
Admission: 2015

Kirsten PETRAS

- The what, when and where of face perception in the human brain

Promoter(s): Valérie Goffaux
Admission: 2015

Stefanie PEYKARJOU

- Étude de la perception des visages chez le jeune enfant par la méthode des potentiels évoqués stationnaires

Promoter(s): Bruno Rossion
Admission: 2013
Marie PONCIN

- Conscience interoceptive et consommation problématique d'alcool
  Promoter(s): Nicolas Vermeulen et Philippe De Timary (IONS)
  Admission: 2014

Talia RETTER

- Understanding individual face recognition with fast periodic visual stimulation: relating phenomenology, behavior and implicit neural measures
  Promoter(s): Bruno Rossion, Michaël Webster & Fang Jiang (University of Nevada)
  Admission: 2015

Morgane SIMONIS

- Cognitive costs and benefits of content and language integrated learning (CLIL)
  Promoter(s): Arnaud Szmalec & Benoît Galand
  Admission: 2014

Domaine : Psychologie clinique et de la santé, Clinical and health psychology

Pablo ALONSO PENA

- Le traumatisme organisationnel
  Promoter(s): Stephan Van Den Broucke & Jan Leysen (ERM)
  Admission: 2013

Félix BANDEREMBAHO

- Chronic headache with background of PTSD: etiology and management
- Céphalées chroniques dans le cadre du PTSD: étiologie et prise en charge
  Promoter(s): Pierre Philippot
  Admission: 2010

Eléonore SMALLE

- Understanding children’s superior language acquisition performance: A memory based approach
  Promoter(s): Arnaud Szmalec & Martin Edwards
  Admission: 2013

Lize VAN DER LINDEN

- The cognitive profile of the bilingual brain: A unifying framework
  Promoter(s): Arnaud Szmalec & Marie-Pierre De Partz
  Admission: 2013

Anne WEISGERBER

- L’influence de la musique sur les compétences émotionnelles
  Promoter(s): Nicolas Vermeulen & Eric Constant
  Admission: 2012

Mélanie BRION

- Exploration électrophysiologique des processus exécutifs et émotionnels dans l’alcoolodépendance et le syndrome de Korsakoff
  Promoter(s): Pierre Maurage
  Admission: 2013

Valérie BROERS

- Behavioral epidemiology and the effect of nudging on behavior changes related to the consumption of food containing high levels of colic nutrients
  Promoter(s): Stephan Van Den Broucke & Olivier Luminet
  Admission: 2015
Céline BRISON

- Therapeutic attitudes improving the relationship and the therapeutic changes
- Les attitudes du thérapeute favorisant la relation et les changements thérapeutiques

Promoter(s): Emmanuelle Zech & Nady Van Broeck (U. Ghent)
Admission: 2008

Aurélien CORNIL

- A cognitive approach of craving: Conceptualization, measurement and treatment

Promoter(s): Joël Billieux & Philippe De Timary (IONS)
Admission: 2014

Jory DELEUZE

- Le rôle de l’inhibition de réponses dominantes dans les conduits impulsives

Promoter(s): Joël Billieux
Admission: 2013

Vincent DETHIER

- Implementation of Relational Frame Theory to clinical interventions based on exposure
- Application de la théorie des cadres relationnels aux interventions cliniques par exposition

Promoter(s): Pierre Philippot
Admission: 2011

Gaëtan DEVOS

- The joint role of impulsivity and irrational beliefs among problem gamblers
- Le rôle conjoint de l’impulsivité et des croyances dysfonctionnelles chez les joueurs à problème

Promoter(s): Joël Billieux
Admission: 2012

Marie DEZANGRE

- Etude de l’alliance thérapeutique au sein de la thérapie familiale, analyse basée sur le modèle des relations sociales (SM) et l’élaboration d’un outil clinique

Promoter(s): Jan De Mol
Admission: 2014

Virginie DI SILVERIO

- Question critique de l’influence des croyances théoriques dans la compréhension métapsychologique et la prise en charge de patientes atteintes d’un cancer du sein

Promoter(s): Susann Heenen-Wolff
Admission: 2009

Anne-Charlotte FRANCKX

- Le rôle des pensées répétitives et du contrôle attentionnel dans la régulation des troubles anxio-depressifs

Promoter(s): Pierre Philippot & Magali Lahaye
Admission: 2014

Stéphanie HANNIER

- Sexualité et bonheur. Étude de l’impact de la sexualité sur les facteurs subjectifs et marqueurs biologiques de la sensation de bonheur

Promoter(s): Moïra Mikolajczak & Pascal De Sutter
Admission: 2012

Marine JAEKEN

- Développement et évaluation d’une formation à la relation d’aide

Promoter(s): Emmanuelle Zech, Moïra Mikolajczak & Lesley Verhofstadt
Admission: 2009

Isabelle LAFARGE

- Du lien entre ‘dépression’ et ‘sexualité’

Promoter(s): Susann Heenen-Wolff
Admission: 2007

Aurélie GILLIS

- Le rôle et la place du père dans le contexte de la dépression post-partum
Promoter(s): Barbara Gabriel & Nathalie Nader-Grosbois  
Admission: 2015

Ogma HATTA

- L’adolescent à risque : impact des relations familiales et de la personnalité sur l’usage de substances psychoactives

Promoter(s): Barbara Gabriel & Jan De Mol  
Admission: 2015

Delphine KALLAI

- Contenus des stéréotypes des soignants envers leurs patients en milieux hospitaliers psychiatriques aigus en Belgique francophone et impact de ceux-ci sur leurs pratiques cliniques

Promoter(s): Jan De Mol & Philippe De Timary (IONS)  
Admission: 2015

Anthony LANE

- Entre préservation du statut social et agressivité, quel est l’impact réel de la testostérone sur le comportement humain ? Vers une nouvelle voie de théorisation.

Promoter(s): Olivier Luminet & Moïra Mikolajczak  
Admission: 2011

Séverine LANNOY

- Exploration électrophysiologique de déséquilibre entre les systèmes affectifs et reflexifs dans le binge-drinking

Promoter(s): Pierre Maurage & Joël Billieux  
Admission: 2014

Anne-Sophie LEURQUIN

- The behavioral and cognitive dysfunction in sports: Eating disorders in high level athletes: an empirical investigation of the processes involved in their beginning and maintenance
- Les déviances comportementales et cognitives dans le milieu sportif : les troubles des conduites alimentaires chez les sportifs de haut niveau, investigation empirique du processus de mise en place et de maintien du trouble

Promoter(s): Philippe Godin  
Admission: 2012

Lydia LORENZINO

- Effets anti-sociaux de l’ocytocine

Promoter(s): Moïra Mikolajczak & Olivier Luminet  
Admission: 2012

Marlène MELON

- Effets des activités 'distractrices' sur la santé multidimensionnelle des seniors wallons

Promoter(s): Olivier Luminet  
Admission: 2014

Stéphanie MILICHE

- Evaluation of emotional skills’ training effects in the treatment of somatic disorders
- Evaluation des effets d’une formation aux compétences émotionnelles dans le traitement de troubles somatiques

Promoter(s): Moïra Mikolajczak & Jacques Grégoire  
Admission: 2011

Emilie MOGET

- Same sex parenthood: thirdness in the parental couple lesbian
- L’homoparentalité : la tiercéité dans le couple parental lesbien

Promoter(s): Susann Heenen-Wolff  
Admission: 2009

François MOORS

- Les modes interpersonnels du thérapeute et du client en interaction dans la relation thérapeutique : impacts sur l’efficacité thérapeutique

Promoter(s): Emmanuelle ZECH  
Admission: 2012
Thèses de doctorat défendues et en cours

Emmanuel NTIRAMPEBA

- Education à la santé affective et sexuelle en milieu scolaire : connaissances, attitudes et représentations de la sexualité et du SIDA des jeunes scolarisés burundais de 12 à 18 ans

Promoter(s): Pascal De Sutter
Admission: 2013

Daniela OYARCE CADIZ

- Les angoisses précoces de séparation : recherche théorico-clinique auprès d’enfants de 3-6 ans et leurs parents, avec un évaluation des changements suite à une thérapie conjointe (au Chili)

Promoter(s): Sesto Passone & Alexandra Rainoso (Université du Chili)
Admission: 2012

Parisa PARSAFAR

- Examination of abstract and concrete processing and adjustment in the bereaved

Promoter(s): Emmanuelle Zech
Admission: 2013

Virginie PESCHARD

- Etude cross-modale des biais attentionnels dans l’anxiété sociale

Promoter(s): Pierre Philippot
Admission: 2010

Riccardo PIOVESANA

- L'amour sexuellement transmissible : influences de la sexualité dans les dynamiques des relations conjugales

Promoter(s): Pascal De Sutter
Admission: 2013

Guillaume RIDEILLE

- Psychologie de la bisexualité : théorie et approche clinique

Promoter(s): Susann Heenen-Wolff
Admission: 2013

Benjamin ROUX

- Intervention basée sur la pleine conscience auprès d'adolescents atteints de troubles du comportement : faisabilité, processus psychologiques et intérêts cliniques

Promoter(s): Pierre Philippot
Admission: 2015

Anne-Sophie RYCKEBOSCH-DAYEZ

- Study of the (in)effectiveness of confrontation and avoidant strategies for the adjustment with the death of a dear person
- Etude de l'(in)efficacité des stratégies de confrontation et d’évitement dans l’adaptation au décès d’un proche

Promoter(s): Emmanuelle Zech
Admission: 2007

Diantha SAIDOUN

- Psychologie de la bisexualité

Promoter(s): Susann Heenen-Wolff
Admission: 2014

Louise SCHINKUS

- Etude de facteurs psychologiques de succès des programmes d’éducation au self-management pour les patients diabétiques

Promoter(s): Stephan Van Den Broucke
Admission: 2012

Amélie SIMON

- Brief trauma therapy's effectiveness in traumatic syndromes due to childhood abuses

Promoter(s): Jan De Mol & Pascal De Sutter
Admission: 2014

Aurélie VAN DER HAEGEN

- Mémoire communicative et transmission intergénérationnelle des souvenirs d'événements historiques, étude des processus émotionnels et communicationnels

Promoter(s): Emmanuelle Zech
Admission: 2013
Aline WERY

- Study about protector and risk factors of men’s cybersexual addiction and testing of a therapy psycho-sexologique
- Étude des facteurs protecteurs et des facteurs de risques de l’addiction sexuelle masculine à Internet et expérimentation d’un outil thérapeutique psycho-sexologique

Promoter(s): Joël Billieux & Pascal De Sutter
Admission: 2012

Domaine : Comportement social, travail et société, Social behaviour, work and society

Elodie ARNEGUY

- Le support perçu et l’identification comme médiateurs de la relation entre la justice organisationnelle et le 'readiness for change': une approche multisource

Promoter(s): Florence Stinglhamber & Marc Ohana (UPPA)
Admission: 2015

Séverine BALON

- Emotional regulation and social integration: respective effects of oral and written expression
- Régulation émotionnelle et intégration sociale : effets respectifs de l’expression orale et écrite

Promoter(s): Ginette Herman & Bernard Rimé
Admission: 2009

Gaëtane CAESENS

- The influence of perceived organizational support on employees’ attitudes and behaviors: Examination of a relative perception
- L’influence du support organisationnel perçu sur les attitudes et comportements des employés : Examen d’une perception relative

Promoter(s): Florence Stinglhamber
Admission: 2012

Giorgia ZAMARIOLA

- Emotional and cognitive issues in obesity and the moderating impact of emotional eating, alexithymia and interoceptive awareness

Promoter(s): Oliver Luminet & Olivier Corneille
Admission: 2015

Csilla DEAK

- When impersonal abstract deontology conflicts with interpersonal prosocial concerns: Emotional, cognitive, and moral determinants
- Le conflit entre la déontologie impersonnelle abstraite et des préoccupations interpersonnelles prosociales: déterminants émotionnels, cognitifs et moraux

Promoter(s): Vassilis Saroglou
Admission: 2011

Matthias DE WILDE

- Etude des conséquences de la quantification du soi sur la perception de soi et la performance

Promoter(s): Stéphanie DEMOULIN
Admission: 2015

Hélène HENRY

- Vieillissement au travail : analyse du bien-être tout au long de la carrière à la lumière des processus de la théorie de la sélectivité socio-émotionnelle

Promoter(s): Donatienne Desmette
Admission: 2014
Adrien MIEROP

- Le rôle de la conscience dans le conditionnement évaluatif : un examen critique de l'approche duelle de la formation d'attitudes

Promoter(s): Olivier Corneille
Admission: 2014

Claire PRADE

- L’émotion d’émerveillement (AWE) et son influence sur la spiritualité

Promoter(s): Vassilis Saroglou
Admission: 2012

Caroline RIGO

- Tension between religion and sexuality: identification of underlying psychological process
- Tension entre religion et sexualité : identification des processus psychologiques sous-jacents

Promoter(s): Vassilis Saroglou
Admission: 2011

Julie TERACHE

- Effet de compensation et comparaison sociale : quand évaluer autrui influence notre propre évaluation et comportement

Promoter(s): Vincent Yzerbyt
Admission: 2015

Filip UZAREVIC

- Atheism as social identity

Promoter(s): Vassilis Saroglou
Admission: 2014

Christophe VERMEULEN

- Influences d'un amorçage olfactif sur le comportement alimentaire

Promoter(s): Olivier Corneille et Axel Cleeremans (ULB)
Admission: 2015
Prix et distinctions
Joël Billieux a contribué comme expert à la publication du rapport de l'OMS intitulé "Public Health Implications of Excessive Use of the Internet, Computers, Smartphones and Similar Electronic Devices Meeting report".

Le groupe de travail composé par l'OMS, et regroupant les "leading scholars" sur le sujet, sera à la base d'une proposition de considération de ces troubles pour la prochaine Classification Internationale des Maladies (CIM-11) de l'OMS. Ce groupe s'est réuni à deux reprises (Toyko, 2014 et Séoul, 2015) et se réunira une dernière fois à Hong Kong en septembre 2016.

Pierre Philippot

La Chaire Francqui au titre belge a été attribuée à Pierre Philippot à l'Université de Gand.

Pierre Philippot a également été élu coordinateur scientifique de l'European Association of Behaviour and Cognitive Therapies.

Cette association regroupe 27000 psychothérapeutes, pour la plupart psychologues ou médecins, issus de 39 pays européens. L'EABCT a édicté des standards rigoureux concernant la formation à la psychothérapie et est active sur le plan politique, tant aux plans nationaux, qu’européen. Elle organise un important congrès annuel et de nombreuses activités visant la translation des données scientifiques à la pratique psychothérapeutique de terrain.

Vassilis Saroglou

Fellow de la Society for Personality and Social Psychology.

Cette association scientifique est la plus large société américaine et internationale de psychologie sociale (plusieurs milliers de membres). Certains de ses membres sont distingués par le statut du Fellow pour leur «contribution de qualité exceptionnelle et de longue date dans le domaine de psychologie sociale et de la personnalité».

En Belgique francophone, seulement deux personnes, toutes deux à l'UCL (Vincent Yzerbyt et Vassilis Saroglou) ont reçu cette distinction.
IPSY en quelques chiffres
Chercheurs affectés en IPSY

### Année 2010

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<th></th>
<th>Total</th>
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En 2013, l’institut comptait 79 doctorants et 28 post-doctorants répartis comme suit :

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En 2014, l’institut comptait 91 doctorants et 27 post-doctorants répartis comme suit :

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En 2015, l’institut comptait 89 doctorants et 28 post-doctorants répartis comme suit :

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Université catholique de Louvain
Institut de recherche en sciences psychologiques
Place Cardinal Mercier 10 - bte L3.05.01
B-1348 Louvain-la-Neuve
Belgique
Tél : 32 (0)10 47 40 96
Fax : 32 (0)10 47 37 74
E-mail : yolande.nivaille@uclouvain.be
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