

# **Curriculum Vitae**

**Prof. Jelle Jolles**

## **Part 1:**

### **General information and scientific output**

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VU University Amsterdam  
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## 1. Summary

J. Jolles is a full professor of *Brain, behavior & Education: Educational Neuropsychology* at VU University Amsterdam (Faculty of Psychology & Education). He holds this position from february 1<sup>st</sup>, 2009. At the VU University, he is also the scientific director of the LEARN! institute for research in education. This interfaculty institute has recently been established in order to further fundamental and applied research on the domain of education in its broadest sense, and to promote the scientific exchange between various scientific disciplines and between scientists and professionals in the domain of education. He directs the recently founded 'Centre for Brain & Learning Amsterdam' which was devised according to the organisation of a similar centre which he has founded in Maastricht, several years ago.

Up till february 2009, he has held a position as full professor in *Neuropsychology and Biological Psychology / Psycho-biology* at Maastricht University (since 1985). This position was based upon an appointment at both the Faculty of Medicine and the Faculty of Psychology. Through the years, he has been head of the patient care units specializing in clinical neuropsychology at the university hospital Maastricht and at the Psychomedical Centre Vijverdal. He was also leader of the Division of Cognitive Disorders, which is embedded in the School of Mental Health & Neuroscience (MHENS formerly: Research Institute Brain & Behaviour). He is director of the Maastricht Centre for Brain & Learning. A common denominator of Jolles' activities can be summarized under the theme 'Brain and Learning'.

His *managerial activities* relate to research, teaching, education, and patient care. Emphasis is on 'Brain & Learning' in relation to cognitive development and ageing. Behavioural, cognitive, and affective functions and dysfunctions in healthy subjects (children, adolescents, adults and elderly) and in patients are relevant in that context. 'Lifelong Learning' is a common theme in many of his activities with regard to healthy subjects aged 4 through high age. With respect to patients, the core of his activities is directed at health conditions in which structural or functional brain dysfunction is present. Focus is upon (neuro)psychiatric conditions in relation to development (e.g. learning disorders, ADHD) and aging (dementia, Alzheimer's disease). Neurocognitive functioning, assessment and diagnosis, treatment interventions and educational interventions, are organised in relation to health care, education (schools) and preclinical research. Jolles has held many positions in various national committees and boards and in organisational structures related to university (Maastricht University, VU University Amsterdam).

*Research activities* are focused on the relationship between biological and psychological factors in their effect on behavioural, cognitive, and affective problems. Since the start of the research programme, Jolles has supervised 64 PhD students in the trajectory towards dissertation. 14 PhD students are presently working on their dissertation project. His research has yielded more than 500 scientific publications in international journals.

The research takes place in a ‘lifespan perspective’ and involves children, adults and aged people. Core of the research is ‘*Learning, brain development and brain ageing and the interaction with environmental factors*’. Psychological factors and psychosocial factors are investigated from the perspective that situational circumstances can influence the extent to which biological factors come to expression. Through the three lines, there are projects into brain imaging with MRI techniques, research into risk- and protective factors, and experimental interventions with drugs, nutritional factors or neuropsychological techniques. An important aim of this research is to generate fundamental insights into the relationships between brain and behaviour and, more specifically, into the relationship between brain, cognition and learning.

With regard to *teaching and education* Jolles contributes to both the content and organisation of the so-called first-phase teaching especially for research master students in educational sciences and psychology. He is registered as a clinical psychologist at the NIP institute (Netherlands Institute for Psychologists) and as a health-care psychologist. In this capacity, between 1985 and 2008, he has been responsible for the health care provided by the Academic Department of Neuropsychology in the Psychomedical Centre Vijverdal (Mondriaan Care group) and for the neuropsychological health care provided by the Division of Neuropsychology of the Maastricht University Medical Centre. In these two health-care settings, he has been the supervisor of trainee health-care psychologists (‘Gezondheidszorgpsychologie’) since the start in 1998.

## Samenvatting

J.Jolles is hoogleraar *Hersenen, Gedrag & Educatie: Educational Neuropsychology* aan de VU Universiteit Amsterdam (Faculteit Psychologie en Onderwijs). Hij bekleedt deze positie sinds 1 februari 2009. Aan de VU is hij ook de wetenschappelijk directeur van het research instituut LEARN! voor onderzoek op het gebied van educatie. Dit interfacultaire instituut is opgericht ten behoeve van fundamenteel en toegepast onderzoek op het gebied van leerprocessen en van educatie en in brede zin. Tevens beoogt dit instituut om de wetenschappelijke uitwisseling te bevorderen tussen verschillende wetenschappelijke disciplines, en tussen wetenschappers en praktijkprofessionals op het domein van leren en educatie. Hij is directeur van het ‘Centrum voor Brein & Leren Amsterdam’, dat is opgericht volgens het model van het gelijkaardige centrum dat enkele jaren geleden in Maastricht van start is gegaan.

J. Jolles was tot voor kort hoogleraar aan de Universiteit Maastricht met als leeropdracht ‘*Neuropsychologie en Biologische Psychologie/Psychobiologie*’. Hij werkte daar sinds 1985 voor de faculteit Health, Medicine & Life Sciences (fHML) en voor de faculteit Psychologie en was academisch hoofd van de gezondheidszorg op het gebied van de Klinische Neuropsychologie in zowel het academisch ziekenhuis Maastricht als het Psychomedisch streekcentrum Vijverdal. Tevens was hij vele jaren hij leider van de Divisie Cognitieve Stoornissen van de onderzoeksschool Mental Health & Neuroscience (MHENS; eerder het onderzoeksinstituut Hersenen & Gedrag waarvan hij directeur was) en van het Centrum Brein & Leren Maastricht. Een groot deel van Jolles’ activiteiten is samen te vatten binnen het thema ‘Hersenen en Leren’.

Zijn *activiteiten* hebben betrekking op de taken onderzoek, onderwijs, opleiding en gezondheidszorg. Inhoudelijk ligt de nadruk op ‘Brein & leren’. Het gaat om leer- en geheugenprocessen in relatie tot cognitieve ontwikkeling en veroudering. Daarbij heeft door de jaren heen het onderzoek betrekking gehad op zowel gezondheid als ziekte. Hierbij gaat het om gedrags-, cognitieve en affectieve functies en dysfuncties bij gezonde mensen (kinderen, adolescenten, volwassenen en ouderen) en in patiënten. Veel van dit werk heeft te maken met ‘Levenslang Leren’ en op leren in relatie tot het onderwijs aan kinderen, en aan adolescenten. Met betrekking tot patiënten gaat het vooral om condities waarin op enigerlei wijze de structuur of het functioneren van de hersenen is aangedaan. De nadruk ligt op neuropsychiatrische problematiek in relatie tot ontwikkelingsproblemen bij kinderen en jeugdigen (b.v. leerstoornissen, ADHD, gedragsproblematiek). Daarnaast ging het om veroudering (de ouder wordende leraar, leeftijdsgeassocieerde leer- en geheugenproblemen, dementie, de ziekte van Alzheimer). Diagnostische en behandel/begeleidings interventies op domein van de onderwijs-innovatie en van gezondheidszorg worden georganiseerd in relatie tot preklinisch onderzoek. Jolles heeft tevens een groot aantal managementactiviteiten in diverse landelijke commissies en besturen alsmede in de organisatie van universiteit (Maastricht, VU Universiteit Amsterdam)

Jolles' *wetenschappelijk onderzoek* heeft betrekking op de samenhang van biologische en psychologische factoren in hun effect op cognitieve en gedragsproblematiek. Sinds de start van het programma heeft Jolles 64 promovendi begeleid tot promotie; 14 promovendi zijn momenteel werkzaam op een promotieonderzoek. Het onderzoek heeft tot dusver geleid tot ruim 500 wetenschappelijke publicaties in internationale tijdschriften.

Het onderzoek vindt plaats in een 'lifespan perspectief' en heeft betrekking op kinderen, volwassenen en ouderen. Kern van het onderzoek betreft '*Leren, hersenontwikkeling en veroudering en de interactie met omgevingsfactoren*'. Psychologische factoren en omgevingsvariabelen worden onderzocht vanuit de overtuiging dat situationele omstandigheden bepalend kunnen zijn voor de mate waarin biologische factoren tot expressie komen. Door de drie lijnen heen wordt onderzoek gedaan naar hersen-imaging met behulp van MRI, naar risico- en beschermende factoren, en naar experimentele interventies in de schoolse setting, met neuropsychologische behandelingen of met biopsychologische behandelingen (voeding, farmaca).

T.a.v. *onderwijs en opleiding* heeft Jolles een organisatorische en inhoudelijke bijdrage voor eerste fase onderwijs aan studenten pedagogiek en psychologie. Daarnaast geeft hij een bijdrage aan de tweede fase opleiding aan onderzoekers in opleiding en aan Gezondheidszorgpsychologen in opleiding. Hij is BIG-geregistreerd Klinisch Psycholoog NIP, BIG-Klinisch Neuropsycholoog NIP en BIG-Gezondheidszorgpsycholoog. Tussen 1985 en 2008 was hij academisch hoofd van de gezondheidszorg in de Academische Afdeling Neuropsychologie in Psychomedisch Streekcentrum Vijverdal en voor de neuropsychologische gezondheidszorg binnen de afdeling Psychiatrie & Neuropsychologie van het Maastricht University Medisch Centrum. In deze beide zorgsettings was hij vanaf de start praktijkopleider voor gezondheidszorgpsychologen in opleiding.

## **2. General Information**

### **2.1 Affiliation and address**

Faculty of Psychology & Education  
VU University Amsterdam  
Van der Boechorststraat 1  
1081 BT Amsterdam  
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[www.jellejolles.nl](http://www.jellejolles.nl),  
[www.hersenenenleren.nl](http://www.hersenenenleren.nl)  
[www.learn.vu.nl](http://www.learn.vu.nl), [www.learn-amsterdam.nl](http://www.learn-amsterdam.nl)

### **2.2 CV: general Information**

1949 Born, The Hague, the Netherlands (10 April).  
1968 Gymnasium, the Hague.  
1972 Candidate in Chemistry.  
1974 Candidate in Psychology (Utrecht).  
1975 Doctorandus/master in chemistry (Utrecht, Cum Laude; majors Biochemistry and Neurochemistry).  
1976 Married, two children (May 1982, Feb. 1985).  
1977 Doctorandus/master in psychology (Utrecht; majors Experimental and Cognitive Psychology; Clinical/Neuropsychology; Philosophy).  
1980 Ph.-D. thesis “Neuropeptides, Brain Membrane Phosphorylation and Grooming Behaviour” (Prof. Dr. W.H. Gispen and Prof. Dr. D. de Wied, promotores).  
1983 Registration as Clinical Psychologist, (NIP, Neth. Inst. of Psychologists).  
1985 Full Professor in Neuropsychology & Biological Psychology (Faculty of Medicine, Maastricht University, Maastricht, the Netherlands).  
1995 Professor of Biological Psychology & Neuropsychology (Faculty of Psychology, Maastricht University, Maastricht, the Netherlands).  
1999 Registration as Health Care Psychologist (NIP, Netherlands Institute of Psychologists, and BIG, Law for Professions in Individual Healthcare/Wet Beroepen Individuele Gezondheidszorg).  
2005 Registration as Clinical Psychologist (NIP, Netherlands Institute of Psychologists), followed by registration as Clinical Neuropsychologist with the opening of the BIG register in 2008.

### **3. Curriculum Vitae**

#### **3.1 Positions held**

2009 - Present. Full professor in Brain, Behavior & Education (Educational Neuropsychology), VU University Amsterdam (faculty of Psychology & Education)  
2009 - Present. Director, LEARN! Institute for Research in Education and director of the Brain & Learning Centre Amsterdam  
2006 - 2008 Director of the Centre Brain & Learning Maastricht  
2000 - 2008 Director of the Alzheimer Centre Limburg.  
1997 Director, Division of Cognitive Disorders, Institute Brain & Behaviour Maastricht  
1995 Director, Research Institute Brain & Behaviour Maastricht (through Dec. 2001).  
1991 Head ad interim of the Department of Psychiatry & Neuropsychology; university Hospital Maastricht (through June 1992).  
1987 Head of the Division of Neuropsychology; Dept. of Psychiatry & Neuropsychology; university hospital Maastricht.  
1986 Director, Research Theme 'Ageing' Maastricht (through December 1994)  
1985 Head of the Academic Department of Neuropsychology; Psychomedical Centre Vijverdal, Maastricht, the Netherlands  
1985 Full Professor in Neuropsychology & Psychobiology (Maastricht University, Faculty of Medicine, Maastricht, the Netherlands).  
1983 Senior lecturer (Wetenschappelijk hoofdbtenaar; Psychiatric University Clinic, Utrecht).  
1980 Junior lecturer (Wetenschappelijk ambtenaar I; Psychiatric University Clinic, Utrecht).  
1975 Research Assistant (Wetenschappelijk medewerker; Rudolph Magnus Institute for Pharmacology, Utrecht).

#### **3.2 Management activities and board memberships**

##### ***Science management and steering committees: core activities, Dutch Science Council/NWO and related organisations***

2008 - Present. Member of the NWO steering committee 'Brain & Cognition in a societal perspective'/FES  
2006 - Present Member of the Transition Board 'Hersenen & Cognitie' NWO  
2006 - Present Chairman of the NWO committee on 'Brain, learning and memory' in relation to the NWO/National Research Initiative 'Brain and cognition'.  
2004 - 2005 Preadvisor and chairman of NWO Sounding panel committee 'Cognition Programme 2006-2010'  
2003-2005 Chairman of the NWO committee on 'Brain & Learning'  
2000-2002 Member of NWO Social and Behavioural Science (MAGW) committee for the evaluation of project and programme grants

2000-2002 Member of Neurofederation Programme committee EndoNeuro meeting 2001 and EndoNeuroPsycho (ENP) meeting 2002  
1995-2004 Member of the board of the Dutch Federation of Neurosciences (Nederlandse Neurofederatie).  
1994-1996 Member of the NWO-advisory board for Ageing problems (Commissie Verouderingsvraagstukken)  
1993-1997 Member of the Scientific Advisory Board of the NWO/Decade of the Brain Committee in The Netherlands  
1993-1995 Member of the KNAW-subcommittee for Medicine with respect to 'Discipline Advice Gerontology'  
1990-1995 Member of the committee on Nutrition for the Elderly; Council for Nutrition (Voedingsraad)  
1989-1992 Member of the board of the Gerontology committee NWO/Social and Behavioural Sciences (MAGW, formerly 'Psychon')  
1987-1991 Member of NWO/Medical Sciences 'Neuroscience' committee for the evaluation of project grants on the domain of Neuroscience  
1985-1987 Member of the 'Alzheimer-Committee', NWO Medical Sciences, Science Council the Netherlands  
1986-present Evaluation of project grants, programme grants, VENI/VIDI/VICI grants  
1986-1998 Member of Committee on 'Psychogeriatric Diseases' of the Health Council The Netherlands

***Scientific steering committees: other activities***

2006-2007 Member of OECD/CERI committee on phase 3 'Brain & Learning in relation to learning mathematics'  
2005-2007 Advisor to OECD/CERI on the report related to phase 2 of the Brain & Learning initiative.  
2003-2004 Member of the Alzheimer Europe Expert Advisory Plan (Medical and Research Issues)  
2003 Member of the jury of the SNS award (Spaarbank Limburg Prijs) for excellent thesis for the year 2002, Maastricht University  
2002-2004 Member of the jury of the Research Award of the Neurosciences Research School and Rudolph Magnus Institute, Utrecht University  
2002 Member of the Committee of Recommendation of the Netherlands Centre for Brain Injury  
1997-present Member of the Steering Committee of the Study of Attentional Disorders Maastricht (SAM; Institute Brain & Behaviour)  
1995-1999 Member of the Board of Gerontechnology Institute (Eindhoven, the Netherlands)  
1995-1996 Member of programme committee for the consensus meeting on Dementia and Alzheimer's Disease in 1996 (Health Council The Netherlands)  
1994-present Programmeleader and member of the Steering Committee of the European 'International Study into Postoperative Cognitive Disorder (ISPOCD)'.  
1993-1994 Member of the board for the Heymans award of the Netherlands Institute for Psychology (NIP)

1993-1997 Member of the European Scientific Committee on Alzheimer's Disease (Servier, Paris) France  
1993-1997 Member of the Scientific Advisory Board of the Dutch Society for Whiplash patients (Nederlandse Stichting voor Whiplash Patiënten)  
1991-present Member of the Steering committee of LASA (Longitudinal Ageing Study Amsterdam)  
1990-2004 Member of Scientific Advisory Board of the Dutch Brain Foundation (Nederlandse Hersenstichting)  
1987-1989 Member of the programme committee for the CBO consensus meeting on 'Dementia'  
1986-1995 Member of the board of the Dutch Brain Bank, the Netherlands

***Management activities, and board memberships Maastricht University***

2006- 2009. Director, Brain & Learning Centre Maastricht  
2004-2008 Member of the board, Scientific Network South Limburg Mental Health (Wetenschapskring)  
2003-2004 Coordinator of Research Master, (Faculties of Psychology, Medicine and Health Science)  
2002-2008 Chairman of section Biopsychology, Department of Neurocognition, Faculty of Psychology  
2000-2008 Member, board of the Brain & Behaviour Institute  
1997-2000 Director of European Graduate School for Neuroscience (EURON)  
1997-2008 Director, Division of Cognitive Disorders, Institute Brain & Behaviour  
1995-2001 Director, Research Institute Brain & Behaviour Maastricht  
1994-1998 Member of the Board of the Faculty of Psychology  
1992-1995 Member of the Foundation Committee of the Faculty of Psychology  
1992-2008 Member of the Board of the department of Psychiatry & Neuropsychology (Faculty of Medicine)  
1990-2008 Director of the Maastricht Ageing Study (MAAS)  
1987-2008 Chairman, division of Neuropsychology of the Department of Psychiatry & Neuropsychology (Faculty of Medicine)  
1987-1995 Director of the 'Ageing Programme' ('Hoofdprogramma Veroudering')  
1986-1995 Member of Interfaculty Research Committee (Faculty of Medicine and Faculty of Health Sciences)

***Committees, Maastricht University and Utrecht University***

2008 Member of Structure committee 'Behavioral toxicology' (Faculty of Psychology)  
2006 Member of Structure committee 'Learning and Instruction' (Faculty of Medicine)  
2004 2009 of Reorganisation committee 'Brain, psychopathology & behaviour' (Faculties of Medicine and Health Science)  
2003-2009 Member of Structure committee Experimental Psychopathology (Faculty of Psychology)  
2003-2009 Member of Structure committee Experimental Psychopharmacology (Faculty of Psychology)

2003-2009 Member of Structure committee Developmental Psychology (Faculty of Psychology)  
2000-2009 Member of Structure committee Professorship Child Neurology  
1999-2004 Member of Structure committee Professorship Cellular Neuroscience  
1998-1999 Member, regional steering committee on Intellectual Handicaps  
1994-1996 Member of the Committee for Internationalisation affairs of Faculty of Medicine, Maastricht University  
1994-1996 Member of the Revalidation Committee (RL/IRV/AZM), (Faculty of Medicine)  
1994-2000 Member of the committee of Children and Youth Psychiatry Maastricht University and Academic Psychiatric Centre  
1987-2002 Member of structure committees (Professorships of Psychiatry, Biological Psychiatry, OtoRhinoLaryn-gology, Urology, Neurology, Medical Psychology, Cellular Neuroscience, Cognitive Neuroscience)  
1986 Member of structure committee 'Research in social psychiatry' (faculty of Medicine)  
1982-1985 Board member of the Department of Biological Psychiatry, University Clinic of Psychiatry, Utrecht University

***Management activities and board memberships Hospital/Health care Maastricht***

2006-2007 Responsible for the specialty of Health Care Psychology ('Praktijkopleider Gezondheidszorg-psychologie') in Vivre (Geriatric and Nursing home care)  
2005-2007 Coordinator, division of Clinical Neuropsychology, university hospital Maastricht  
2002-2004 Director, special care programme 'Brain Dysfunction in mental health care' Psychomedical Centre Vijverdal  
1999-2005 Chairman, Management team Clinical Neuropsychology, Academic Hospital  
1999-2007 Chairman, Management team Clinical Child Neuropsychology, Academic Hospital  
1999-2007 Responsible for the specialty of Health Care Psychology ('Praktijkopleider Gezondheidszorg-psychologie') in Academic Hospital and Vijverdal  
1997-2009 Member of the Board of the hospital department of Psychiatry & Neuropsychology (Academic Hospital)  
1993-2009 Head, health care division of Neuropsychology, department of Psychiatry & Neuropsychology, Academic Hospital.  
1991-1992 Head, Department of Psychiatry, Academic Hospital  
1987-1995 Head, Maastricht Memory Clinic, Academic Hospital  
1986-2009 Head, Academic department of Neuropsychology (AAN), Psychomedical Centre Vijverdal

***Committees, Hospital/Health care***

2003-2005 Member, coordination committee Special Care Department 'Psychiatry & Psychology' ('Resultaat-verantwoordelijke eenheid, RVE') university hospital Maastricht  
2002-2003 Member, committee 'Brain dysfunction in mental health care', Academic Hospital.  
2002-2003 Chairman of the Regional Committee on Cognitive and Neuro-revalidation

2000-2002 Chairman, Committee 'Brain dysfunction in mental health care' Psychomedical Centre Vijverdal

1996-1997 Chairman, regional working group on Acquired brain dysfunction ('Niet Aangeboren Hersenletsel, NAH, Vijverdal, Academic Hospital, Lukas Revalidation Centre, Psychomedical Centre Welterhof).

1995-2000 Member of the committee on Special Care Unit 'Psychiatry & Psychology', Academic Hospital

### ***Board membership of scientific societies***

1996-Present Chairman, Consilium Neuropsychologicum (Convention of professors in Neuropsychology in the Netherlands)

2001-2005 Member, Committee for the curriculum 'Specialty in Clinical Neuropsychology' for the Netherlands Institute for Psychology (NIP, section Clinical Neuropsychology)

1995-1998 Member of the International Liaison Committee, a committee of the International Neuropsychological Society (INS)

1991-1996 Advisor of the Board of the Dutch Society for Brain Injury Organisations (Stichting Hersenletselorganisaties Nederland)

1990-2001 Member of the board of the Interdisciplinary Society for Biological Psychiatry (IGBP)

1989-2002 Member of the board of the Dutch Society for Neuropsychiatry (NVN)

1984-1988 Chairman, Dutch Society for Neuropsychology

1983-1985 Board member of Interdisciplinary Working Group 'Development of Brain and Cognition'

1982-1985 Chairman of the section on 'Neurosciences and Philosophy' of the Dutch Society for Philosophy and Medicine

### ***Board membership of scientific journals***

2005-Present Member of the Editorial Board of 'Netherlands journal of Neuropsychology'

1994-Present Member of the Editorial Board of 'Nederlands Tijdschrift voor de Psychologie' ('The Netherlands Journal for Psychology')

1998-2003 Member of the Editorial Board of 'Neuropraxis'

1994-2000 Member of the Editorial Board of the Journal 'Gedrag & Gezondheid' ('Behaviour and Health')

1994-2007 Member editorial board 'Experimental Ageing Research'

1992-2003 Member of the Editorial Board of Acta Neuropsychiatrica

## **3.3 Grants**

***Grants obtained from Science Council of the Netherlands (NWO) or Dutch Academy of Sciences (KNAW) or European Community; 1992-present***

2010 Jolles, J. Recipient of NWO program grant for 'LEARNING' in the course of the National Initiative Brain & Cognition, and the FES program (Fonds Economische Structuurversterking, FES), 2.4M€

2008 Jolles, J. Recipient of NWO grant for 'Brain & Cognition in societal perspective', 1.5M€

2006 Jolles, J., together with W. van der Elst. Recipient of NWO grant for 'Successful Aging and the Cognitive Index'.

2005 Jolles, J. Recipient of NWO grant for an 'Advanced Study' on Brain, learning and education.

2004 Jolles, J. Memory training for the elderly: implementation of a Memory-course. NWO Medical Sciences (SOW programme)

2004 J.Jolles. Learning to know the Brain: A report on Brain & Learning. NWO Cognition programme

2002 Jolles, J., Uylings, H.B.M., Veltman, D. Cognitive flexibility and prefrontal cortex: an fMRI study. NWO Medical Sciences

2000 Jolles, J., Boxtel, M.P.J. van, Ponds, R.W.H.M. Successful Cognitive Ageing. NWO Medical Science and NWO Social and Behavioural Sciences

1998 Verhey, F.R.J., Jolles, J. Harmonization of Scales for assessment of Alzheimer's Disease (EURO-HARPID)

1996 Blokland, A., Jolles, J. Animal models for cognitive dysfunction. NWO Social and Behavioural Sciences.

1996 Verhey, F.R.J, Jolles, J. Course of dementia: a longitudinal study into patient and carer. NWO Medical sciences

1996 Møller, J., Rasmussen, L.S., Cluitmans, P., Jolles, J. The International study for the study of Postoperative Cognitive Dysfunction (ISPOCD), part II.

1996 Witter, M., Uylings, H.B.M., Jolles, J. Thalamic infarctions and memory. NWO Medical Sciences

1996 Hofman, A., Jolles, J. White matter lesions and cognitive ageing. NWO Medical Sciences

1996 Jolles, J. Vulnerability factors for Cognitive Ageing. NWO Medical Sciences

1996 Blokland, A., Jolles, J. Animal models for cognitive dysfunction. NWO Social and Behavioural Sciences/MAGW.

1994 Møller, J., Silverstein, J., Jolles, J., Rabbitt, P., steering committee. International study for the study of Postoperative Cognitive Dysfunction (ISPOCD), part I

1992 Jolles, J. The Netherlands Memory and Ageing Programme: a cross-sectional-longitudinal study into the determinants of cognitive ageing. Ministry of Education & Research and Ministry of Welfare & Health

***Grants obtained from third parties; 1995-present***

2004 J.Jolles. Inhibition and attentional problems in young adults with ADHD: an fMRI study. Brain Foundation the Netherlands (Hersenstichting).

2003 J.Jolles. Prefrontal cortex, attentional processes and cognitive ageing: an MRI study. Brain Foundation the Netherlands (Hersenstichting).

2003 Jolles, J. LifeLongLearning: biology-environment interactions in the cognitive development and ageing. Government of Education, Science and Technology (MEXT), Japan.

2003 Jolles, J. Forgetfulness and prodromes of dementia. Alzheimer Foundation the Netherlands

1998 J.Jolles. Working memory, prefrontal cortex and cognitive ageing: an f-MRI study.

1997 Jolles, J. Prefrontal cortex, cognitive flexibility and ageing: an fMRI study  
Brain foundation the Netherlands

1996 Vuurman, E.F.P.M., Jolles, J. Event-related fMRI and specific language impairment (SLI): a controlled study into prefrontal cortical activation in 5 year old children.  
Profileringsfonds university hospital Maastricht

1999 Jolles, J., Verhey, F.R.J. The Alzheimer Centre Limburg: an Expertise and Knowledge centre. Alzheimer The Netherlands

2000 van Boxtel, M., Jolles, J. Effects of habitual caffeine use on cognitive change: a longitudinal perspective. ISIC / PEC

2000 Tisserand, D. Jolles, J. azM. Cognitieve functiestoornissen, leeftijd en de prefrontale schors (Profileringsfonds university hospital Maastricht (Funds to develop research in Academic Hospital)

1999 Vuurman, E.F.P.M., Jolles, J. Functional Magnetic Neuroimaging and learning disorders. Profileringsfonds university hospital Maastricht. (Funds to develop research in Academic Hospital)

1996 Steinbusch H., Jolles, J. Grant for the development of European Graduate School for Neuroscience (EURON). Ministry of Education, Culture and Science The Netherlands

1996 Boxtel, M.P.J. van, Jolles, J. Hypertension, circadian bloodpressure variation and cerebral damage. Brain Foundation The Netherlands

1996 Jolles, J., Verhey, F.R.J. Clinical manifestations and risk factors for an early diagnosis of vascular dementia. Foundation Adriana van Rinsum-Ponssen, Maastricht

1997 Praag, H.M. van, Jolles, J. ADHD and comorbidity. Foundation Clemens and Foundation Kanunnik Salden

1997 Jolles, J. Investigation of Postoperative cognitive disorder. Profileringsfonds university hospital Maastricht (Funds to develop research in Academic Hospital)

1995 Jolles, J., Vles J.S.H. Risk factors for the development of Attention Deficit Hyperactivity Disorder (ADHD). Praevention fund (Presently ZON/Medical Science NWO)

***Grants obtained from fourth parties (Societal partners and Industry):1992-present***

2008 Jolles, J. ‘Vitality, mental functioning, nutrition and aging’. Unilever, Vlaardingen.

2008 Jolles, J. ‘Brain, cognition and learning to read’. Thieme Meulenhoff editors

2008 J.Jolles, ‘Learning, brain & neurocognitive development in youth with neuropsychiatric conditions’. Mondriaan caregroup, Heerlen

2008. J.Jolles, ‘Secondary education from a brain & learning perspective’. Graaf Huyn college Sittard/Geleen.

2008. J.Jolles, ‘Primary education from a brain & learning perspective’. Movare educational organisation for primary education, Kerkrade

2008. J.Jolles, ‘Secondary education from a brain & learning perspective’. Sophianum scholengemeenschap Gulpen, Stella Maris College, Meerssen, Grotius College Heerlen.

2006 Jolles, J., Normative study on the 'd2 test' in healthy adults aged 25-85 years. Boom publishers, the Netherlands.  
2004 Consultancy agreement, Nutriscience, Maastricht  
2002 Consultancy agreement, Eli Lilly company  
1999 Houx, P.J., Jolles, J. Neurocognitive functioning in elderly subjects. Bristol-Myers Squibb company.  
1998 Jolles, J. Neuropsychological testing in cognitive disorders. Sigma Tau company.  
1997 Blokland A., Jolles, J. Effects of phosphatidylserine in animal models of age related cognitive decline. Sandoz research foundation.  
1995 Riedel W., Jolles, J. Investigation of memory dysfunction after treatment with phosphatidyl serine. Novartis  
1995 Jolles, J. Study into the effects of acetyl-L-carnitin on cognitive functioning in children with Attention Deficit Hyperactivity Disorder (ADHD). Ethipharma/Sigma Tau  
1995 Jolles, J. Investigation of the development of neuro-cognitive dysfunction in acute mild traumatic brain injury. UCB Pharma  
1993 Jolles, J. Animal models for age-related cognitive decline. Ethipharma/Sigma Tau company  
1992 Verhey, FRJ., Jolles, J. Drug treatment in Alzheimer's disease. Hoechst Pharma  
1992 Jolles, J. Investigation of cognitive complaints in healthy subjects aged 20-80. Glaxo research foundation

### **3.4 Membership of Societies**

#### ***International Societies***

Alzheimer's Foundation Association (AFA)  
European Brain and Behaviour Society (EBBS)  
Federation of European Neuroscience Associations (FENS)  
American Psychological Association (APA)  
International Brain Research Organisation (IBRO)  
International Association of Biomedical Gerontology (IABG)  
International Neuropsychological Society (INS)  
International Society for Psychoneuroendocrinology (ISPNE)  
World Federation of Mental Health (WFMH)  
European Alzheimer's Disease Consortium (EADC)  
International Mind Brain Education Society (IMBES)

#### ***National Societies (The Netherlands)***

Dutch Society for Neuropsychology (Ned Vereniging voor Neuropsychologie)  
Dutch Psychonomic Society (Nederlandse Vereniging voor Psychonomie)  
Netherlands Institute of Psychologists (Nederlands Instituut van Psychologen; NIP)  
Division of Psychologists in General Hospitals of the Netherlands Institute of Psychologists (PAZ; NIP).  
Division of Neuropsychology of the Netherlands Institute of Psychologists (NIP)

Dutch Society for Medical Psychology  
Division of Gerontopsychology of the Netherlands Institute of Psychologists (NIP)  
Limburg Society for Neurology (Limburgs genootschap voor Neurologie)  
Dutch Society for Neuropsychiatry  
Dutch Society for Experimental and Clinical Neurochemistry (Nederlandse vereniging voor Experimentele en Klinische Neurochemie)  
Dutch Society for Gerontology (Nederlandse Vereniging voor Gerontologie)  
Dutch Society for Biological Psychiatry (Interdisciplinair genootschap voor Biol. Psychiatrie, IGBP)

### **3.5 Teaching/education**

#### ***Teaching 2005-2007***

Responsible for educational programme 'Neuropsychology' within the international Research Master in 'Biopsychology & Psychopathology' (BPPP) of the Faculties of Psychology, Medicine and Health Sciences. Responsible for separate courses on 'Neuroscience, research methods and design', 'Mind, brain and behaviour; an integrated view' and Skills trainings on Neuropsychological measures and instruments.

Responsible for regular master 'Neuropsychology within the Masterprogramme of the faculty of psychology. Member of planning committees on 'Brain dysfunction', and 'Behavioural disorders'. Lecturer within courses on Adult Neuropsychology, Child Neuropsychology, and Life Sciences.

#### ***Teaching 1986-2004: medical students***

Member of planning committee of various multidisciplinary courses for medical students (course 'Gerontology', course 'Inabilities and brain dysfunction', course 'Nonclinical Neuroscience', course 'Psychopathology', course 'Perception and Higher Cognitive Function').

Lecturing in the courses mentioned above.

#### ***Teaching 1995-2004: psychology students***

Member of planning committee of curriculum for Faculty of Psychology

Responsible for biological psychology programme of Psychology Department.

Member/coordinator of planning committee of various multidisciplinary courses for bachelor's students through the years 1996-2003 (course 'Body and Behaviour', course 'Memory', course 'Neuroscience', course 'Individual Differences', course 'Development', course 'Motor function', course 'Neurocognition', course 'Brain dysfunction', course 'Brain Lateralization', course 'Behavioural Disorders', course 'Ageing'. Lecturing in these courses. Coordinator of the course 'Clinical Child Neuropsychology' and the course 'Clinical Neuropsychology' for master students.

Individual coaching of students in research projects

Individual coaching of students in clinical projects

### ***Postdoctoral courses 1986-2004***

Organiser/ teacher in courses on Biological Psychology and courses on Neuropsychology for scientists and health care practitioners.

Organiser and teacher in courses on Neuropsychological Assessment for trainees in Health Care psychology.

Teacher in courses on Neuropsychological Assessment for continuous education for health care psychologists and

clinical psychologists. Co-organiser and teacher in courses on Child Neuropsychology for trainees and for continuous education in Health Care Psychology.

Organiser and teacher in courses on Neurosciences for junior scientists.

Co-organiser of Courses in Biological Psychiatry for physicians.

Co-organiser of courses in Present State Examination (Cursus Present State Examination, PSE).

### **3.6 Organisation of congresses and symposia**

2007 Organiser of national symposium on 'Brain & Learning' on the occasion of the opening of the Academic Year of Maastricht University, Maastricht.

2007 Coordinator of international symposium and workshops on 'Brain, learning and education'. Organised in collaboration with OECD/CERI

2005 Member of programme committee of the congress of the Netherlands Society for Gerontology

2004 'Week of Brain & Learning', Amsterdam, Feb 2-5 2004. Chairman of programme committee for international symposium, invitational conference, organised under auspices of Dutch Science Council/NWO

2003 Dementia: Mild Cognitive Impairment and prodromes of dementia. Research Symposium Maastricht, 12-12-2003

2003 Cognitive ageing: performance, determinants and interventions. Research symposium Maastricht 22-5-2003

2003 Neuroimaging and cognitive ageing. Didactic symposium Maastricht, 7-2-2003

2002 Programme committee on EndoNeuroPsycho meeting. Dutch Neurofederation.

Doorwerth

2002 Symposium Behavioural Dysfunction in children. Maastricht. (chairman programme committee).

2001 Symposium Cognitive Dysfunction in ageing and dementia. Institute Brain & Behaviour, Maastricht.

2001 Programme committee on EndoNeuromeeting. Dutch Neurofederation. Organisation of symposia on cognitive development and cognitive ageing. Doorwerth

1997 Developments in Biological Psychiatry. Tryptich symposia in psychiatry, Maastricht

1995 Neuropsychiatry and ageing. Tryptich symposia in psychiatry. Maastricht

1990 Alzheimer's Disease. Symposium Maastricht.

1988 Animal Neuropsychology. Federation of Dutch Medical Societies (Federa) Utrecht

1987 International congress on Korsakow syndrome, Chronic Alcoholism and Neuropsychology. Dutch Society for Neuropsychology and Dutch Korsakoff Society. Amsterdam

1986 Neuropsychological issues in Neurology, Neuropsychiatry and Psychogeriatrics. Dutch Society for Neuropsychology, Utrecht

1985 Development, brain and cognition. Interdisciplinary working group on Learning, development and the brain. Utrecht

1984 Neuropsychology and the Psychiatric patient. Psychiatric University Clinic, Utrecht

#### 4. Dissertations finished

64. **Hoogenhout, Esther (manuscript accepted by reading committee, defense scheduled 16-12-2010)**. Perceived cognitive problems in young-old adults. Contextual factors, assessment, and intervention. Promotor prof. dr. J.Jolles, copromotores dr. R.de Groot and dr Wim van der Elst
63. **Keulers, Esther (manuscript accepted by reading committee, defense scheduled 3-12-2010)**. The adolescent brain. Neurocognitive development and subject-related factors. Promotores prof. dr. J.Jolles, copromotor Dr. P.Stiers.
62. **Smeets, Floortje (11-6-2010)**. Cognitive aging and functional compensation. Evidence from brain imaging studies. Promotores prof. dr. J. Jolles and dr. E. Vuurman.
61. **Burgmans, Saartje (12-5-2010)** Linking cognitive and cerebral aging. Evidence from structural and functional MRI. Promotor prof. dr. J.Jolles, prof dr H.Uylings, copromotores dr M. van Boxtel and dr E. Vuurman
60. **Baars, Lia (17-12-2009)**. Epidemiological studies into prodromes and risk factors for cognitive dementia. Promotores prof. dr. J.Jolles, and prof. dr. F.R.J. Verhey, copromotor Dr. M.van Boxtel.
59. **Braek, Dymphie in de (17-9-2009)**. Attentional disorders in adults: determinants and interventions. Promotor prof. dr. J.Jolles
58. **Moresi, Sophie (16-4-2009)**. Preparing for action. A behavioural and pupillometric study. Promotores prof. dr. J.Jolles and dr. J.J.Adam.
57. **Ramakers, Inez (25-9-2008)**. Prodromal Alzheimer's disease in subjects with mild cognitive impairment: predictive and diagnostic aspects. Promotores prof dr F.R.J.Verhey and prof dr J. Jolles.
56. **Meijs, Celeste (12-6-2008)**. Verbal learning in school-aged children and the influence of child-related factors, test-related factors and natural context. Promotor prof. dr. J.Jolles, dr P.Hurks.
55. **Tremmery, Sabine (17-12-2007)**. The clinical symptomatology and comorbidity of Attention Deficit Hyperactive Disorder in a healthy school population. Promotores prof. dr. J.Jolles, prof. dr. J.Buitelaar, prof dr G.Molenberghs. ISBN 978-90-441-2254-1
54. **Marchetta, Nathalie (29-11-2007)**. Cognitive processes in adults with ADHD. Promotores prof. dr. J.Jolles and dr. P.Hurks. ISBN 978-90-75579-35-2
53. **Geusgens, Chantal (3-10-2007)**. Transfer of cognitive strategy training after stroke: no place like home?. Promotores prof. dr. W. Van den Heuvel and prof. dr. J.Jolles. Copromotor dr. C.van Heugten. ISBN 978-90-75579-34-5
52. **Wassenberg, Renske (6-7-2007)**. Differential cognitive development: A neuropsychological approach. Thesis, Maastricht University, Maastricht. Promotores prof. dr. J.Jolles and rof. dr. J.Vles, copromotores dr P.Hurks, and dr J.Hendriksen. ISBN 978-90-75579-33-8
51. **Feron, Frans (9-2-2007)**. Studies on neurodevelopmental issues in children. Promotores prof. dr. H.Vles and prof. dr. J.Jolles; copromotor dr. J. Hendriksen. ISBN 978-90-9021521-1
50. **Mol, Martine (19-1-2007)**. Forgetfulness in healthy older adults: determinants and interventions. Promotor prof. dr. J. Jolles. ISBN 978-90-75579-31-4

49. **Meijer, Willemien (22-12-2006)**. Cognitive Aging: Effects of education and task demands. Promotor prof. dr. J.Jolles, copromotores dr. R. de Groot and dr. P. Van Gerven. ISBN 90-75579-30-6
48. **Elst, Wim van der (12-10-2006)**. The neuropsychometrics of aging: normative studies in the Maastricht Aging Study. Promotor prof. dr. J.Jolles, copromotor r. M.van Boxtel. ISBN: 978-90-75579-29-1
47. **Evers, Lisbeth (28-9-2006)**. Serotonin and cognitive flexibility. Neuroimaging studies into the effect of acute tryptophan depletion in healthy volunteers. Promotores prof. dr. J.Jolles, copromotor dr. F. van der Veen. ISBN978-90-75579-28-4
46. **Slegers, Karin (18-5-2006)**. Successful cognitive aging: the use of computers and the Internet to support autonomy in later life. Promotores prof. dr. J. Jolles and dr. M.P.J. van Boxtel. ISBN 90-75579-26-8.
45. **Günther, Thomas (21-12-2005)**. Attentional dysfunctions and its pharmacological modulation in childhood psychiatric disorders. Evidence from neuropsychological studies. Promotores prof. dr. J.Jolles and prof Dr. B. Herpertz-Dahlmann , copromotor dr. K. Konrad. ISBN 90-75579-25-X.
44. **Hooren, Susan van(16-12-2004)**. Successful cognitive aging. Executive functioning, determinants, and interventions. Promotores prof. dr. J. Jolles, copromotor dr. M. van Boxtel. ISBN 90-75579-23-3.
43. **Valentijn, Suzanne (16-12-2004)**. Successful cognitive aging. Memory, determinants, and interventions. Promotor prof. dr. J. Jolles, copromotor dr. M. van Boxtel and dr. R.Ponds. ISBN 90-75579-22-5
42. **Aalten, Pauline (8-10-2004)**. Behavioral problems in dementia. Course and risk factors. Promotores prof. dr. F.R.J. Verhey and prof. dr. J. Jolles. ISBN 9075579-20-9
41. **Vugt, Marjolein de (15-9-2004)**. Behavioural problems in dementia. Caregiver issues. Promotores prof. dr. F.R.J. Verhey and prof. dr. J. Jolles. ISBN 9075579-19-5
40. **Lamers, Caroline (14-05-2004)**. Influence of marijuana (THC) and ecstasy (MDMA) on cognitive function and driving performance. Promotores prof. dr. J. Jolles and Dr. J. Ramaekers. ISBN 90-75579-18-7
39. **Keulen, Ron (15-4-2004)**. Distractor interference in selective reaching: an experimental study. Promotores prof. dr. J.Jolles, prof. dr. H.Kuipers, copromotor dr. J. Adam. ISBN 90 70246 53 8
38. **Vuurman, Eric (1-4-2004)**. Issues in pharmacopsychology. Modelling effects in Driving and Cognition. Promotor prof. dr. J. Jolles. ISBN 90-75579-17-9
37. **Jorissen, Brenda (17-12-2003)**. Experimental Nutrition and Cognition. Influence of dietary phospholipids and proteins on performance. Promotor prof. dr. J. Jolles , copromotor Dr. W. Riedel. ISBN 90-75579-16-0
36. **Groot, Renate de (6-11-2003)**. Fatty acids, pregnancy and cognition. Promotores prof. dr. G. Hornstra and prof. dr. J. Jolles. ISBN 90 70245- 46-5
35. **Hurks, Petra (3-10-2003)**. The influence of environment, behavior, and attention deficits on cognitive development in school-aged children. Promotores prof. dr. J. Jolles and prof. dr. J.S.H. Vles. ISBN 90-5278-391-8
34. **Vermeeren, Annemiek (9-5-2003)**. Hypnotics and antihistamines. Effects on cognitive functions and driving performance. Promotores prof. dr. J.Jolles and prof. dr. J.F. O'Hanlon. ISBN 90-75579-15-2

33. **Tisserand, Danielle (6-2-2003)**. Structural and functional changes underlying cognitive aging. Evidence from neuroimaging studies. Promotores prof. dr. J. Jolles , copromotor Dr. M. van Boxtel. ISBN 90-75579-14-4
32. **Stapert, Sven (29-11-2002)**. The impact of a single mild traumatic brain injury on neurocognitive performance. Promotores prof. dr. J. Jolles, copromotor dr. P.Houx. ISBN 90-9016-423-5
31. **Hartog, Mariska den (21-11-2002)**. Cognitive performance in depression patterns and determinants. Promotor prof. dr. J. Jolles. ISBN: 90-9016302-6
30. **Kalff, Ariane (12-9-2002)**. Neurocognitive Performance and Demographic Variables in Children at risk of Attention Deficit/Hyperactivity Disorder. Promotores prof. dr. J. Jolles and prof. dr. H. Vles. ISBN 90-75579-13-6
29. **Kroes, Marielle (14-6- 2002)**. Early motor, psychosocial and behavioural characteristics of Attention-Deficit / Hyperactivity Disorder. Promotores prof. dr. J. Vles and prof. dr. J. Jolles. ISBN 90-5681-133-9
28. **Schmitt, Jeroen (1-6-2001)**. Serotonin, caffeine and cognition. Psychopharmacological studies in human cognitive functioning. Promotores prof. dr. J. Jolles, copromotor dr. W. Riedel. ISBN 90-75579-12-8
27. **Werf, Ysbrand van der (13-12-2000)**. The thalamus and memory. Contributions to medial temporal and prefrontal memory processes. Promotores prof. dr. M.P.Witter (VUA), prof. dr. J. Jolles and prof. dr. H.B.M. Uylings (VUA), Amsterdam
26. **Visser, Pieter Jelle (20-9-2000)**. Predictors of Alzheimer type dementia in subjects with mild cognitive impairment. Promotores prof. dr. J. Jolles, copromotor dr. F.R.J.Verhey, ISBN 90-75579-11-X
25. **Krabbendam, Lydia (9-6-2000)**. Cognitive functions in schizophrenia. Promotor prof. dr. J. Jolles. ISBN 90-75579-10-1
24. **Hofman, Paul (18-5-2000)**. Brain imaging in Mild Traumatic Brain Injury and Neuropsychiatric disorders. Promotores prof. dr. J.T Wilmink and prof. dr. J. Jolles. ISBN 90-9013654-1
23. **Groot, Jan-Cees de (24-3-1999)**. Consequences of cerebral white matter lesions. A longitudinal population-based MRI-study. Promotores prof. dr. J. Jolles and prof. dr. A. Hofman (EUR) copromotor dr. M.M.B. Breteler (EUR) Rotterdam. ISBN 90-9012472-1
22. **Ramaekers, Jan (19-11-1998)**. Behavioural Toxicity of Medicinal Drugs. Promotores prof. dr. J. Jolles and prof. dr. J.F. O'Hanlon. ISBN 90-75579-07-1
21. **Prickaerts, Jos (29-10-1998)**. Memory formation, neurodegeneration and drugs. Behavioral, neurochemical and neuroanatomical investigations in the rat. Promotores prof. dr. J. Jolles and prof. dr. H. Steinbusch. ISBN 90-75579-08-X
20. **Ponds, Rudolf (10-12-1998)**. Forgetfulness and Cognitive Aging. Prevalence, characteristics, and determinants. Promotor prof. dr. J. Jolles. ISBN 90-75579-09-8
19. **Hogervorst, Eef (2-4-1997)**. Age-related cognitive decline and cognition enhancers. Promotor prof. dr. J. Jolles. ISBN 90-75579-06-3
18. **Boxtel, Martin van (16-5-1997)**. Physical health, vascular risk factors, and age-related cognitive decline. Studies into physical determinants of normal cognitive aging. Promotor prof. dr. J. Jolles. ISBN 90-75579-04-7
17. **Klein, Martin (11-4-1997)**. Cognitive aging, attention and mild traumatic brain injury. Promotor prof. dr. J. Jolles. ISBN 90-75579-05-5

16. **Dijkstra, Jeanette (4-4-1997)**. An operation under general anaesthesia and cognitive ageing. Promotor prof. dr. J. Jolles. ISBN 90-75579-03-9
15. **Riedel, Wim (17-11-1995)**. Cognition enhancing drugs. Cholinergic function and age-related decline. Promotor prof. dr. J. Jolles. ISBN 90-75579-02-0
14. **McCalley, Teddy (6-6-1995)**. Visual selective attention and Ageing. Promotores prof. dr. D. Bouwhuis (University of Eindhoven) and prof. dr. J. Jolles,
13. **Abbenhuis, Marja (31-5-1995)**. Perceptual identification in normal aging, dementia of the Alzheimer type, and depression. Promotores prof. dr. J. Jolles and prof. dr. J. Raaijmakers. Maastricht University and University of Amsterdam. ISBN 90-9008190-9
12. **Verhey, Frans (27-10-1993)**. Dementia, depression and forgetfulness. Clinical studies of the early diagnosis and the differential diagnosis of dementia. Promotores prof. dr. J. Jolles and prof. dr. H.W. van Praag. ISBN 90-5278-097-8
11. **Vreeling, Fred (7-10-1993)**. Primitive Reflexes in healthy adults and neurological patients. A methodological and clinical study. Promotores prof. dr. J. Jolles and prof. dr. J. Troost. ISBN: 90-90063-7-57
10. **Commissaris, Kees (4-6-1993)**. Voorlichting over geheugenproblemen en dementie. Maastricht University. Promotores prof. dr. J. Jolles and prof. dr. G. Kok. ISBN 90-9006143-6
9. **Terwel, Dick (5-11-1992)**. Vasopressin in the Brain and Plasma of the Aging Rat. Dissertation Maastricht University, promotor prof. dr. J. Jolles, Datawyse, Maastricht/Krips Repro, Meppel, Netherlands (ISBN 90-5278-044-7)
8. **Bothmer, John (26-11-1992)**. Phosphoinositides, Aging and Alzheimer's Disease. Dissertation Maastricht University, promotor prof. dr. J. Jolles, Datawyse, Maastricht/Krips Repro, Meppel, Netherlands (ISBN 90-5278-046-3)
7. **Hijman, Ron (16-10-1992)**. Desglycinamide-(ARG8-) vasopressin in Patients with Memory Disturbances. University of Utrecht. Promotores prof. dr. J. Jolles, prof. dr. J.M. van Ree, prof. dr. D. de Wied
6. **Blokland, Arjan (18-9-1992)**. Animal Models of Cognitive Aging and Dementia in the Rat. Problems and perspectives. Dissertation Maastricht University, promotor prof. dr. J. Jolles. ISBN 90-5278-033-1
5. **Plugge, Leo (5 -3-1992)**. EVINCE: A Neuropsychiatric Desktop Expert System for the Diagnosis of Dementia. Dissertation Maastricht University, promotores prof. dr. J. Jolles and prof. dr. A. Hasman. ISBN 90-5291-072-3
4. **Houx, Peter (17 10-1991)**. Cognitive Ageing and Health-Related Factors. Dissertation Maastricht University, promotor prof. dr. J. Jolles. ISBN 90-9004338-1
3. **Bohnen, Nico (5-9-1991)**. Mild Head Injury and Postconcussive Sequelae. A Study of Brain and Behaviour Relationships. Dissertation Maastricht University, promotor prof. dr. J. Jolles ISBN 90-9004334-9
2. **Staay, Frans Jozef van der (25 -5-1989)**. Behavioural Consequences of Chronic Dietary Choline Enrichment. Dissertation Katholic University Nijmegen; promotores prof. dr. J. Vossen and prof. dr. J. Jolles,
1. **Brand, Nico (12-6-1987)**. Memory, Information Processing and Depression. Dissertation Maastricht University, promotor prof. dr. J. Jolles
0. **Jolles, Jelle (25 -11-1980)**. Neuropeptides, Brain Membrane Phosphorylation and Grooming Behaviour. (prof. dr. W.H. Gispen and prof. dr. D. de Wied, Utrecht University promotores).

## 5. Dissertations in preparation

1. **Aben, Aukje (2009)**. Mind, brain and education: on determinants of effective learning in adolescence and early adulthood. Promotor prof. dr. J.Jolles and dr Renate de Groot, copromotor
2. **Schiepers, Olga (2011)**. Cognitive aging and nutrition. Promotor prof dr J.Jolles, copromotores dr R.de Groot, dr M. van Boxtel
3. **Jacobs, Heidi (2010)**. Prefrontal cortex (PFC), cognitive aging and prodromes of Alzheimer's disease; a neuroimaging approach. Promotores prof. dr. J.Jolles and prof. dr. F.Verhey, copromotor dr M. van Boxtel.
4. **Klaassen, Elissa (2011)**. Cognitive fatigue and age: a functional neuroimaging approach. Promotor prof dr J.Jolles and prof Dick Veltman, copromotores dr Renate de Groot, dr L.Evers
5. **Boschloo, Annemarie (2011)**. Learning in adolescents: a neuropsychological point of view. Promotor prof dr J.Jolles, copromotores dr Lydia Krabbendam and dr Renate de Groot
6. **Martens, Rosa. (2011)**. The development of talent: determinants of mathematical and arithmetical performance. Promotor prof dr J.Jolles, copromotor dr P.Hurks
7. **Lee, Nikki (2011)**. Adolescent, neurocognitive development and individual differences. Promotor prof J.Jolles, copromotores dr Renate de Groot, dr Lydia Krabbendam
8. **Dekker, Sanne (2011)**. The young adolescent and 'learning to learn': evidence based interventions. Promotor prof J.Jolles, copromotor dr Lydia Krabbendam
9. **Veroude, Kim (2012)**. Cognitive development in late adolescence: neuropsychology & functional neuroimaging. Promotor prof J.Jolles, copromotor dr L. Krabbendam
10. **Reed, Helen (2012)**. Talent development in mathematics and related functions: learning performance and learning attitudes. Promotor prof J.Jolles.
11. **Plukaard, Sarah (2013)**. Cognitive effort, biopsychological factors: an fMRI study. Promotor prof J.Jolles

## 6. Scientific publications (SCI/SSCI) and in books (no abstracts)

### 2010 Accepted for publication

Elst, W. van der, & Jolles, J. (2010; C10-01). Verbal learning and aging. Springer Press accepted 100727

### 2010

- Burgmans, S., van Boxtel, M. P. J., Vuurman, E. F. B. M., Evers, E. A. T. & Jolles, J. (2010). Increased neural activation during picture encoding and retrieval in 60-year-olds compared to 20-year-olds. *Neuropsychologia*.
- Dibbets, P., Poesnee, Hurks, P.M., Jolles J. (2010). Differential brain activation patterns in adult attention-deficit hyperactivity disorder (ADHD) associated with task switching. *Neuropsychology*. 70, 1, 73-83.
- Elst, W. van der, Hurks, P., Wassenberg, R., Meijs, C., Van Boxtel, M., & Jolles, J. (2010). On the association between lateral preferences and pregnancy/birth stress events in a nonclinical sample of school-aged children. *Journal of Clinical and Experimental Neuropsychology*.
- Groot, O.J.G., R.H.M. de, Jolles, J., Boxtel M.P.J. van (2010) Fish consumption, not fatty acid status, is related to quality of life in a healthy population. *Prostaglandins, Leukotrienes and Essential Fatty Acids*.
- Hurks, P.M, Schrans, D., Meijs, C., Wassenberg, R., Feron, F.J.M., Jolles, J. (2010). Developmental changes in semantic verbal fluency: Analyses of word productivity as a function of time, clustering and switching. *Child Neuropsychology*.
- Jacobs, H. I. L., Visser, P. J., van Boxtel, M. P. J., Frisoni, G. B., Tsolaki, M., Papapostolou, P., Nobili, F., Wahlund, L-O., Minthon, L., Frölich, L., Hampel, H., Soininen, H., van de Pol, L, Scheltens, P., Tana, F. E. S., Jolles, J., & Verhey, F. R. J. (2010). White matter hyperintensities compromise executive functioning networks in mild cognitive impairment: the longitudinal DESCRIPA study. *Neurobiology of Aging neurobiology*
- Keulers, E. H. H., Elisabeth, A.T. Evers, E. A. T., Stiers, P. & Jolles, J. (2010). Age, sex and pubertal phase influence mentalizing about emotion and action in adolescents. *Development Psychology*.
- Meijs, C.J.C., P.P.M. Hurks, A.C. Kalff, D. I. E. Slaats-Willemse, N. Rozendaal, & J. Jolles (2009; Q09-48Meij). Differential development of learning strategies on a Pictorial Verbal Learning Test (PVLТ) in primary school children.
- Scholtissen-In de Braek, D.M.J.M., J. Dijkstra & J. Jolles. (2010). Cognitive complaints and neuropsychological functioning in adults with and without Attention-Deficit/Hyperactivity Disorder (ADHD) referred for multidisciplinary assessment. *Applied Neuropsychologie*.
- Scholtissen-In de Braek, D.M.J.M, P. Hurks, M.P.J. van Boxtel, J. Dijkstra & J. Jolles (2010). Attention complaints in the general population: the Identification and Effect on Quality of Life. *Journal of Attention Disorders*.
- Wassenberg, R., Hendriksen, J. G. M., Hurks, P. M., Feron, F. J. M., Vles, J. S. H. & Jolles, J. (2010). Speed of language comprehension is impaired in ADHD. *Journal of Attention Disorders*. 13 (4), 374-385.

## 2009

- Aarts, S., Akker van den, M., Boxtel van M.P., Jolles, J., Winkens, B., Metsemakers, J.F. (2009; P09-01Aar\_Diabet). Diabetes mellitus type II as a risk factor for depression: a lower than expected risk in a general practice setting. *European Journal Epidemiology*. 24 (10), 641-648.
- Baars, M.A.E., van Boxtel, M.P.J., Dijkstra, J., Visser, P.J., van den Akker, M.A., Verhey, F.R.J. & Jolles, J. (2009; P09-02Baa). Predictive value of Mild Cognitive Impairment for dementia: the influence of case definition and age. *Dem Ger Cog Dis*, 27,173-181
- Baars, M.A.E., van Boxtel, M.P. J. & Jolles, J. (2009; P09-03Baa) Migraine does not affect age-related cognitive decline: results from the Maastricht Aging Study. *Neuroimage*
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