

Jeske Damoiseaux

Education

- Dec. 2003 - May 2008 VU University Medical Center, Amsterdam, the Netherlands. PhD studentship in Cognitive Neuroscience, degree: PhD in Medicine.
- Sept. 1997 - Oct. 2003 Utrecht University, Utrecht, the Netherlands. Combined BS and MS study in Psychology, specialization: Neuropsychology, degree: MS in psychology.

Dissertation

“The brain at ‘rest’; an exploration of intrinsic brain connectivity in healthy subjects and patients with Alzheimer’s disease”
Supervisors: Ph. Scheltens MD-PhD, F. Barkhof MD-PhD, C.J. Stam MD-PhD and S.A.R.B. Rombouts PhD.

Awards

- June 2009 ‘Honorable mention award for excellence in research on Alzheimer’s disease and related disorders’ from the Alzheimer’s association of Northern California and Northern Nevada.
- Fall 2008 Stanford University Dean’s Fellowship Award, one-year fellowship stipend (\$20,000).
- 2005 - 2007 Organization for Human Brain Mapping Travel Award (\$750), received three times: to attend the annual meeting in Toronto, Canada 2005; in Florence, Italy 2006; and in Chicago, USA 2007.

Research experience

- April 2008 – present Stanford School of Medicine, department of Neurology and Neurological sciences. Postdoctoral research fellow at the FIND lab. Supervisor: Michael Greicius MD. Studying functional connectivity of resting state brain networks in healthy aging, and neurological and psychiatric patient populations.
- Dec. 2003 – Dec. 2007 VU University Medical Center, Amsterdam, department of Neurology, the Netherlands. PhD studentship in Cognitive Neuroscience. Studying functional and structural brain connectivity in healthy subjects and patients with Alzheimer’s disease.
- Aug. 2002 – March 2003 University Medical Center Utrecht, department of Psychiatry, the Netherlands. Research internship, The research performed here resulted in my master’s thesis: “Effects of chronic XTC use on mesio-temporal brain functions in humans: an fMRI study”. Supervisors: G. Jager PhD and N. Ramsey PhD.

Clinical experience

- March 2003 – Sep. 2003 Clinical internship, Department of Neuropsychology Leiden University Medical Center, the Netherlands. Supervisor: H. Middelkoop. Conducted neuropsychological assessments in neurological patients visiting the general neurology and/or memory clinic at the Leiden University Medical Center.

Teaching experience

- 2005 Student supervision in ‘Functional Brain Imaging’ course, Master of Neuroscience, VU University, Amsterdam, the Netherlands.
- 2004 & 2005 Mastercourse Brain and Cognition, VU University, Amsterdam, the Netherlands. Guest lecturer on “fMRI in practice”.

Academic service

2007 – present	Reviewer for Cerebral Cortex, Human Brain Mapping, Neuroimage, Neurobiology of Aging, Biological Psychiatry, Biological Psychology.
Spring 2009	Organization of “Advances in resting state fMRI” symposium, Stanford University, June 17 2009.
2004 - 2007	Organization of Brain Imaging Colloquium, monthly interdisciplinary research meeting, VU University, Amsterdam, the Netherlands.
2001 - 2002	Student-member University Council, Utrecht University, the Netherlands.
2000 - 2001	Board member European student organization (AEGEE-Utrecht).

Invited presentations

June 2009	“Default mode network connectivity tracks clinical progression in Alzheimer’s disease”, Annual research meeting of the Alzheimer’s association of Northern California and Northern Nevada, Novato CA June 30 2009.
Dec. 2008	“Changes in resting state connectivity as Alzheimer’s disease progresses”, Resting State Workshop, Magdeburg, Germany, Dec 5-7 2008.
Nov. 2007	“Resting State Connectivity: applications in aging and dementia”, joint presentation with Serge Rombouts, Brain modes: Dynamical models, brain-behaviour analysis and data fusion, Berlin, Germany, Nov. 24-25 2007.
Nov. 2007	“Functional connectivity in Aging and Alzheimer’s Disease”, Cognitive Brain Imaging Unit, NeuroSpin, Paris, France.
Aug. 2007	“Functional connectivity in Aging and Alzheimer’s Disease”, Stanford Cognitive and Systems Neuroscience Laboratory, Stanford University.
June 2007	“Functional connectivity in Aging and Alzheimer’s Disease”, 6 th Dutch Endo-Neuro-Psycho Meeting, Doorwerth, the Netherlands, 5-8 June 2007.
Dec. 2006	“Resting State Networks and Anatomical Connectivity in Aging and Alzheimer’s Disease”, Leiden Institute for Brain and Cognition & Neuroimaging research group, University Medical Center Utrecht, the Netherlands.
Jan. 2007	“Resting State Networks and Anatomical Connectivity in Aging and Alzheimer’s Disease”, Cognitive Neuroscience laboratory, Harvard University, Boston.
Feb. 2007	“Resting State Networks and Anatomical Connectivity in Aging and Alzheimer’s Disease”. Donders Institute for Brain, Cognition and Behavior, Nijmegen, the Netherlands.
July 2006	“Consistency of Resting State Networks Across Healthy Subjects Measured with FMRI”, 10 th International Conference on Alzheimer’s Disease (ICAD), Madrid, Spain, 16-20 July 2006.

Publications

- **J.S. Damoiseaux**, M.D. Greicius, Greater Than the Sum of Its Parts: A Review of Studies Combining Structural Connectivity and Resting-State Functional Connectivity. Brain Struct Funct. 2009 Jun 30 [Epub ahead of print].
- Zarei M, **Damoiseaux JS**, Morgese C, Beckmann CF, Smith SM, Matthews PM, Scheltens P, Rombouts SA, Barkhof F. Regional White Matter Integrity Differentiates between Vascular Dementia and Alzheimer’s Disease. Stroke. 2009 Mar;40(3):773-9. Epub 2009 Jan 22.

- **Damoiseaux JS**, Smith SM, Witter MP, Arigita EJ, Barkhof F, Scheltens P, Stam CJ, Zarei M, Rombouts SA. White matter tract integrity in aging and Alzheimer's disease. *Hum Brain Mapp.* 2009 Apr;30(4):1051-9.
- **Damoiseaux JS**, Beckmann CF, Arigita EJ, Barkhof F, Scheltens P, Stam CJ, Smith SM, Rombouts SA. Reduced resting-state brain activity in the "default network" in normal aging. *Cereb Cortex.* 2008 Aug;18(8):1856-64. Epub 2007 Dec 5.
- Rombouts SA, **Damoiseaux JS**, Goekoop R, Barkhof F, Scheltens P, Smith SM, Beckmann CF. Model-free group analysis shows altered BOLD FMRI networks in dementia. *Hum Brain Mapp.* 2009 Jan;30(1):256-66.
- **Damoiseaux JS**, Rombouts SA, Barkhof F, Scheltens P, Stam CJ, Smith SM, Beckmann CF. Consistent resting-state networks across healthy subjects. *Proc Natl Acad Sci U S A.* 2006 Sep 12;103(37):13848-53. Epub 2006 Aug 31.

Abstracts

- **Damoiseaux J.S.**, Keller K.E., Menon V., Greicius M.D., "Default Mode Network Connectivity Tracks Clinical Progression in Alzheimer's Disease". Fifteenth Annual Meeting, Human Brain Mapping 2009.
- **Damoiseaux J.S.**, Beckmann C.F., Sanz Arigita E.J., Stam C.J., Barkhof F., Smith S.M., Scheltens P., Rombouts S.A.R.B., "Reduced resting state activity in dorsal visual-spatial attention system in Alzheimer's disease". Fourteenth Annual Meeting, Human Brain Mapping. Available on CD-Rom in NeuroImage; Vol. 41/S1 (2008) S1-S241.
- **Damoiseaux J.S.**, Beckmann C.F., Smith S.M, Sanz Arigita E.J., Stam C.J., Barkhof F., Scheltens P., Rombouts S.A.R.B., "Effects of normal Aging on Resting State Networks". Thirteenth Annual Meeting, Human Brain Mapping. Available on CD-Rom in NeuroImage; Vol. 36/S1 (2007) S1-S168.
- **Damoiseaux J.S.**, Smith S.M, Zarei M., Witter M.P., Sanz Arigita E.J., Stam C.J., Barkhof F., Scheltens P., Rombouts S.A.R.B., "White matter tract integrity in aging, mild cognitive impairment and Alzheimer's disease". Thirteenth Annual Meeting, Human Brain Mapping. Available on CD-Rom in NeuroImage; Vol. 36/S1 (2007) S1-S168.
- **Damoiseaux J.S.**, Rombouts S.A.R.B, Barkhof F., Scheltens P., Stam C.J., Smith S.M. and Beckmann C.F., "Consistency of Resting State Networks across healthy subjects measured with FMRI". Tenth International Conference on Alzheimer's Disease ICAD 2006. *Alzheimer's & Dementia*; Vol. 2 (3), Suppl 1 (July 2006) S1-S782.
- **Damoiseaux J.S**, Oei N.Y.L., Wolf O.T., Scheltens P., Smith S.M., Beckmann C.F. and Rombouts S.A.R.B., "The effect of cortisol on Resting State Networks". Twelfth Annual Meeting, Human Brain Mapping. Available on CD-Rom in NeuroImage; Vol. 31/S1 (2006) S1-S242.
- **Damoiseaux J.S.**, Beckmann C.F., Smith S.M., Barkof F., Stam C.J., Scheltens P. and Rombouts S.A.R.B. (2005), "Consistent networks of Resting State Connectivity across healthy subjects measured with FMRI". Eleventh Annual Meeting, Human Brain Mapping. Available on CD-Rom in NeuroImage; Vol. 26/S1 (2005) S1-S102.