

Erasmus Mundus Action 2 – Strand 2/ Lot L01

PROJECT SUMMARY SHEET

Project title		Erasmus Mundus Auditory Cognitive Neuroscience (ACN) student exchange network	
Ref	545689	Name of organisation	Country
Applicant		Universität Leipzig (University of Leipzig)	Germany
<p><u>Partners:</u> University of Helsinki, Finland Département d'Etudes Cognitives, Ecole Normale Supérieure, France Université Claude Bernard Lyon 1, France Max Planck Institute for Human Cognitive and Brain Sciences, Germany MRC Institute of Hearing Research, United Kingdom University of Glasgow, United Kingdom University of Newcastle upon Tyne, United Kingdom McMaster University, Canada The Royal Institution for the Advancement of Learning/McGill , Canada Université de Montréal, Canada The Regents of the University of Minnesota, United States</p> <p><u>Associate partners:</u> Université libre de Bruxelles, Belgium Technical University of Denmark, Denmark Carl von Ossietzky Universität Oldenburg, Germany Hungarian Academy of Sciences, Hungary University of Salamanca, Spain Maastricht University, The Netherlands École de technologie supérieure, Canada Queen's University at Kingston, Canada Rotman Research Institute, Baycrest Centre, Canada Center for Computational Neuroscience and Neural Technology, United States Cincinnati Children's Hospital Medical Center, United States Georgetown University Medical Center, United States New York University, United States University of Maryland, United States</p>			
	Countries targeted	USA, Canada	
	Amount requested (EUR)	€ 1.446.750	
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	<p>Brief description:</p> <p>The Erasmus-Mundus-Project "Auditory Cognitive Neuroscience Network," aims at promoting international mobility in conjunction with post-graduate qualification programmes established at 26 high-profile research institutions in Europe (Belgium, Denmark, Finland, France, Germany, Hungary, The Netherlands, Spain, UK) and North America (Canada, USA). The common denominator of all cooperating partners is the strong research interest in the cognitive aspects of human hearing. The central question is how language, music, and meaningful environmental sounds are processed by the brain. The different projects span a wide range from basic research and systems modelling to neuropsychological and clinical investigations to biomedical and electroacoustic engineering. For this, international laboratories in the fields of biology, cognitive psychology, neuropsychology and -physiology, music psychology, electrical and hearing aid engineering participate in this consortium. More than 100 young researchers, especially Ph.D. students and postdocs, but also PIs and university staff, will have the unique chance to receive training and perform interdisciplinary research in close cooperation with experts from these different fields. The activity of the consortium of leading laboratories in highly-developed industrial countries will prepare the next generation of scientists for upcoming challenges in hearing healthcare, such as increasing incidence of hearing loss, the world's most prevalent cause of disability. The consortium will enable a tremendous progress in training of highly-qualified personnel, in knowledge production, and in technological transfer that would not otherwise be achievable. The excellence and funding level of the partner institutions ensures that the activities are sustainable beyond the funding period.</p>	

Mobility flow:

Type of Mobility	Outgoing		Third country	Incoming		Total	Distribution per mobility type
	Europeans			Third country nationals			
	Target Group 1	Target Group 2		Target Group 1	Target Group 2		
Masters	0 0	0	CA US	0 0	0	0	0%
Doctorates	42	0	CA US	13 8	0	63	62%
Post-doctorates	11	0	CA US	4 2	0	17	17%
Staff	<u>15</u>	<u>0</u>	CA US	<u>5</u> <u>2</u>	<u>0</u>	<u>22</u>	21%
TOTAL	<u>68</u>	<u>0</u>		<u>34</u>	<u>0</u>	<u>102</u>	<u>100%</u>

Third country	Masters	Doctorates	Post-doctorates	Staff	TOTAL
Canada	0	13	4	5	24
USA	0	8	2	2	12
TOTAL	<u>0</u>	<u>21</u>	<u>6</u>	<u>7</u>	<u>36</u>