

**Researches within the Scope of the University Research Programme
Academic Year 2011/2012**

Serial Nr.	Project Leader and Members of the Research Group	Project Title	Period	Adjudged Budget for the Academic Year 2011 / 2012
FACULTY OF TECHNICAL AND SOCIAL SCIENCES – MIERCUREA CIUC				
Department of Food Science				
1.	Salamon Rozália Veronika, PhD, Senior Lecturer András Csaba Dezső Csapó János Salamon Szidónia Siklódi Loránd Tamás Ágota	<i>Obtaining of Functional Food with Semi-Synthetic Conjugated Linoleate Additivation</i>	2011-2014	13,000 RON
Department of Technical and Natural Sciences				
2.	Máthé István, PhD, Senior Lecturer Ábrahám Beáta Benedek Tibor Csaba Bodó Csilla Felföldi Tamás Fikó Dezső Róbert György Éva Jurecska Laura Kelemen Csaba Lányi Szabolcs Mara Gyöngyvér Márialigeti Károly Palatinszky Márton Szilveszter Szabolcs Tóth Attila	<i>Microbiological Study of the Sfânta Ana Crater Lake</i>	2011-2014	13,000 RON

	Zsigmond Andrea-Rebeka			
Department of Social Sciences				
3.	Kósa István, PhD, Reader Ambrus Zoltán Bálint Blanka Bálint Gyöngyvér Hubbes László Attila Simon Beáta Sólyom Andrea Zsigmond Csilla Dalma	<i>The Fundamental Social and Political Determinants of Media Consumption of High School Pupils in Harghita and Covasna Counties</i>	2011-2014	10,000 RON
4.	Hubbes László Attila, PhD, Senior Lecturer András Orsolya Bakó Rozália Klára Endes-Ábrahám Ibolya	<i>Hungarian and Romanian Ethno-Pagan Groups' Web-Rhetoric</i>	2011-2012	9,000 RON
FACULTY OF ECONOMIC AND HUMAN SCIENCES – MIERCUREA CIUC				
Department of Economic Sciences				
5.	Kassay János, PhD, Senior Lecturer Csata Andrea György Otília Fejér-Király Gergely Kallai Emanuel Ferencz Noémi	<i>The Effects of Economical Crisis on Regional Competitiveness</i>	2010-2012	13,000 RON
Department of Business Sciences				
6.	Lázár Ede, PhD, Senior Lecturer Elek Sándor Kállai Emánuel Tánczos Levente-József	<i>Food Retailers Strategy Against Hipermarkets in Szeklerland</i>	2011-2012	8,500 RON
7.	Salamon Júlia, PhD, Senior Lecturer Barto Kinga Makó Zoltán	<i>The Study of Vector-Equilibrium Problems</i>	2011-2014	9,000 RON
Department of Human Sciences				
8.	Bíró Béla, PhD, Professor Ajtony Zsuzsa Dégi Zsuzsanna Mihály Vilma-Irén Pap Levente Pieldner Judit Tapodi Zsuzsanna Mónika	<i>Narratology of Space</i>	2011-2012	9,000 RON

9.	Tapodi Zsuzsanna Mónika, PhD, Reader Ajtony Zsuzsa Bíró Béla Custura Stefania Maria Dégi Zsuzsanna Farkas Aliz Lajos Katalin Mihály Vilma-Irén Pap Levente Pieldner Judit	<i>Essays on Imagology</i>	2011-2014	7,500 RON
FACULTY OF TECHNICAL AND HUMAN SCIENCES – TÂRGU-MUREȘ				
Department of Mathematics and Information Technology				
10.	Bege Antal, PhD, Reader Kátai Zoltán Fogarasi Kinga Bartha Zsolt-István	<i>Discrete Mathematics</i>	2009-2012	15,000 RON
11.	Antal Margit, PhD, Senior Lecturer Fogarasi Ferenc Ajtay Ildikó Parajdi Francisc László	<i>Test Systems Based on Item Response Theory</i>	2011-2012	8,000 RON
12.	Kupán Pál, PhD, Senior Lecturer Kovács Lehel István Márton Gyöngyvér Nóda Lóránd Szász Róbert	<i>Sharpenings of Some Double Inequalities for Bounding the Gamma Function and Applications</i>	2011-2014	10,000 RON
Department of Electronic Engineering				
13.	Márton László Ferenc, PhD, Reader Brassai Sándor-Tihamér Szabó László-Zsolt Bakó László Antal Margit György Katalin	<i>Real-Time Control of Neuro-Prosthesis Systems Using EEG Signals (Brain Computer Interface System- BCI)</i>	2010-2012	22,500 RON
14.	Iclănzan David Andrei, PhD, Assistant Professor Benedek Csongor Gajdó Tamás Szigeti Péter Szilágyi László Szilágyi Sándor Miklós	<i>Distributed, Model-Based Simulated Annealing</i>	2011-2014	12,000 RON

15.	Kenéz Lajos, PhD, Reader Filep Emőd Kutasi Dénes Nimród Szöcs Imre Árpád	<i>Local Plasma Diagnostics Using Langmuir-Probes and Research on the Fuzzy-Control of the Heat-Treated Sample and Layer Growth in an Active Screen-Nitriding Plasma</i>	2011-2014	12,000 RON
Department of Mechanic Engineering				
16.	Biró Dominic, PhD, Reader Kakucs András Papp Sándor Jakab-Farkas László Fekete Albert-Zsombor Balogh Tibor-Csongor	<i>Development and Microstructure Investigation of TiAlSiN Tribological Thin Film Coatings</i>	2009-2012	15,000 RON
17.	Kakucs András, PhD, Reader Bakos Levente-Attila Bitay Enikő Forgó Zoltán Hollanda Dénes Papp István Popa-Müller Izolda-Ilona Tolvaly-Roşca Ferenc	<i>Development of a Rotary Piston Pneumatic Engine</i>	2011-2014	12,000 RON
18.	Forgó Zoltán, PhD, Senior Lecturer Tolvaly Rosca Ferenc	<i>Dynamic Modelling and Construction of a 4 DOF Parallel Actuated Robot</i>	2011-2012	9,000 RON
Department of Horticultural Science				
19.	Balog Adalbert, PhD, Reader Bálint János Benedek Klára Salamon Rozália Veronika	<i>Study of Aphids and their Predators on Common Tansy (Tanacetum Vulgare) Chemotypes</i>	2011-2014	12,000 RON
Department of Human Sciences				
20.	Imre Attila, PhD, Senior Lecturer Benő Attila Keresztesi Péter Barabás Eszter	<i>Translating Modality in English, Hungarian and Romanian</i>	2009-2012	15,000 RON
FACULTY OF SCIENCES AND ARTS – CLUJ-NAPOCA				
Department of Media				
21.	Pethő Ágnes, PhD, Reader Blos Jáni Melinda Boné Ferenc Virginás Andrea	<i>Moving Images, Representation and Regionalism in the Post-Media Age</i>	2011-2014	10,000 RON

Department of Environmental Science				
22.	Néda Tamás, PhD, Senior Lecturer Farkas György Poszet Szilárd Szacsvai Kinga Szakács Sándor Szigyártó Irma-Lidia Tonk Szende Ágnes Tóth Attila Urák István Zsigmond Andrea-Rebeka	<i>Environmental Impact of Post-Volcanic Activity in the East Carpathians</i>	2011-2012	10,000 RON
Department of European Studies				
23.	Lupescu Radu, PhD, Senior Lecturer	<i>The Castle of Hunedoara</i>	2011-2012	8,000 RON
Department of Juridical Sciences				
24.	Veress Emőd, PhD, Senior Lecturer Czika Tihamér Kádár Hunor Kokoly Zsolt Pantilimon Rikárd-Árpád Sztranyiczki Szilárd Varga Attila Voicu Alexandru-Virgil	<i>The Modernization of the Romanian Legal System, as Effect of European Integration</i>	2011-2014	7,500 RON
TOTAL				270,000 RON