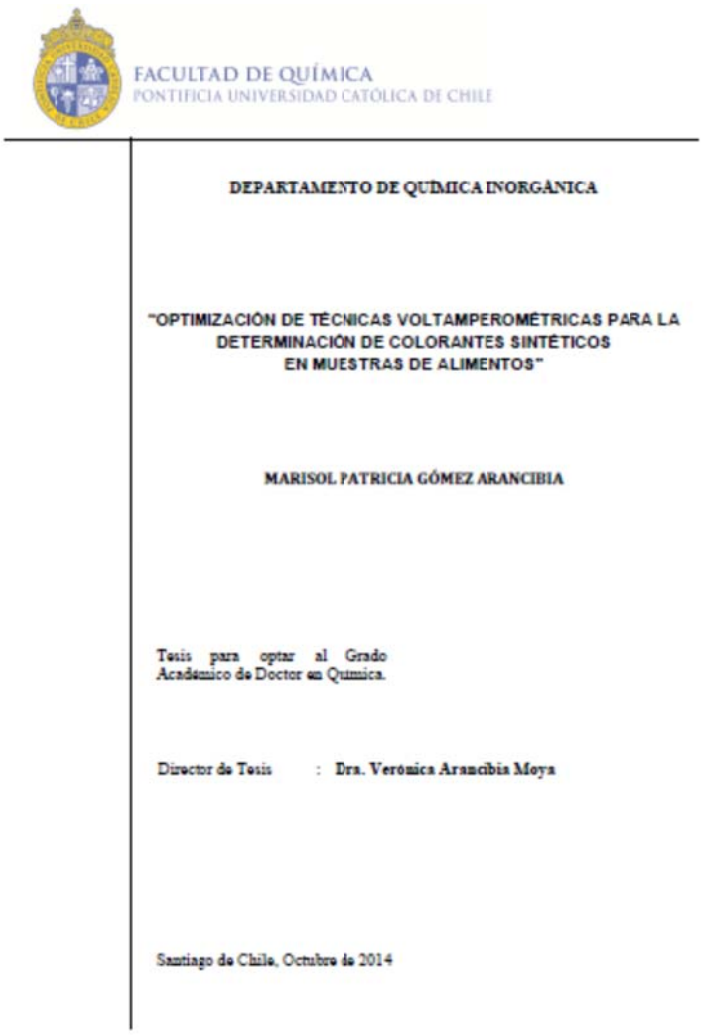
Zdůvodnění návrhu na kreditovou mobilitu s Chile – Prof. Barek

1. **Existující dlouhodobá spolupráce s Chemistry Faculty, Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile** v jejímž rámci byly již realizovány dva dlouhodobé pobyty studenta doktorského studia z PUC v naší UNESCO Laboratoří elektrochemie životního prostředí na PřF UK financované Chilskou stranou. Jmenovitě šlo o pobyt Marisol Goez Arancibia od 17.října 2012 do 16.ledna 2013 a od 4.listopadu 2013 do 16. prosince 2013, V rámci tohoto pobytu byla vypracována následující disertační práce v níž je explicitně poděkováno našemu pracovišti a jmenovitě Prof. Barkovi:



FACULTAD DE QUÍMICA
PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

DEPARTAMENTO DE QUÍMICA INORGÁNICA

"OPTIMIZACIÓN DE TÉCNICAS VOLTAMPEROMÉTRICAS PARA LA DETERMINACIÓN DE COLORANTES SINTÉTICOS EN MUESTRAS DE ALIMENTOS"

MARISOL PATRICIA GÓMEZ ARANCIBIA

Tesis para optar al Grado Académico de Doctor en Química.

Director de Tesis : Dra. Verónica Arancibia Moya

Santiago de Chile, Octubre de 2014

Quisiera agradecer a todas las personas involucradas de diferentes formas en la realización de este proyecto.

Debo agradecer de manera muy especial a mi Directora de Tesis, Dr. Verónica Arancibia Moya, por cada una de las conversaciones que sostuvimos. Además de ser una excelente guía y aprender mucho de ella, su forma de ser me permitió afianzar, además de una relación laboral, una linda amistad.

Por otro lado quisiera agradecer a los Profesores integrantes de mi Comisión: Dra. María Angélica Rubio, Dr. Edwar Fuentes y Dr. Mauricio Isaacs, y además al Dr. Jiri Barek, cuyo aporte y experiencia fue fundamental para el desarrollo de esta tesis.

Gracias a mis amigos de tantos años Carlos y Alexa como también a los tesistas con los cuales me ha tocado compartir, y en los que pude encontrar además de compañeros de trabajo, amigos. Además, quisiera agradecer especialmente a los Profesores René Rojas, Raúl Contreras y Mauricio Valderrama.

Gracias a todos, por ayudarme a comprender que con el trabajo, la paciencia y mucha perseverancia se logran los objetivos propuestos.

2. **Zájem o další pokračováni a rozšíření spolupráce,** viz následující dokument

---------- Původní zpráva ----------
Od: Veronica Arancibia Moya <darancim@uc.cl>
Komu: Jiří Barek <barekj096@seznam.cz>
Datum: 28. 1. 2015 11:03:41
Předmět: RE: Cooperation

Hello Prof. Barek

I am very pleased to have a project together within ERASMUS MUNDUS mobility program and receive both you and a student of your lab. In March I am going to go to Barcelona (prof. Miguel Esteban, 8 weeks) and Bergen (2 weeks) with a scholarship of EMQAL master (Analytical Chemistry) of ERASMUS.
Regards
Veronica Arancibia

3. **Značné zkušenosti obou pracovišť v implementaci projektů ERASMUS** plynoucí jednak z výše uvedeného emailu a jednak ze skutečnosti, že UNESCO Laboratoř elektrochemie životního prostředí patří k nejaktivnějším pracovištím na PřF UK v oblasti přijímání a vysílání studentů v rámci programu ERASMUS.

4. **Kvalita partnerského pracoviště a zodpovědné osoby na Chilské straně,** kterou dokumentuje následující životopis.

CV Prof. Veronica Arancibia, PhD – osoba zodpovědná za kreditovou mobilitu na Chilské straně

Prof. Veronica Arancibia, PhD

(July 11nd, 1951, Quillota, Chile)

1987: PhD in Chemistry from Chemistry Faculty, Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile.

1980: Graduated in Chemistry from Sciences Faculty, Chemistry Institute, Pontificia Universidad Catolica de Valparaiso (PUCV), Valparaiso, Chile.

1978: Bachelor in Chemistry from Sciences Faculty, Chemistry Institute, Pontificia Universidad Catolica de Valparaiso.

1985 –today. Professor at de Inorganic Department, Analytical laboratory, Chemistry Faculty, Pontificia Universidad Catolica de Chile.

1982- today: Member of Chilean Chemical Society.

2004-2006: Head professor of Inorganic Department. Faculty of Chemistry. PUC.

2006-2008: Member of Chemistry Executive Committee of CONICYT. Chile.

2014 today. Member of Executive Committee of Chile scholarships.

2012-today: Member of Qualification and Categorization of Chemistry Faculty. PUC.

2007-2010: President of the Division of Analytical Chemistry of the Chilean Chemical Society.

2008-2009: Scholarship for Professor from ERASMUS MUNDUS. Portugal-Barcelona.

2014-2015: Scholarship for Professor from ERASMUS MUNDUS. Bergen-Barcelona.

2013-2017: Current Project: Regular Fondecyt N° 1130081 (CONICYT). “Optimization of the Adsorptive Stripping Voltammetry for the determination of trace metals using alternatives electrodes of mercury such as solid amalgam and antimony film electrode. Effect of extern factors in the sensitivity of the determination”.

Full Professor of analytical chemistry and a group leader at Catholic University of Chile. My research interest comprises the optimization of electroanalytical procedures employing different electrodes, their application to the determination of trace metals and organic compounds (drugs, hormones, dyes, etc) in environmental, biological and food samples and the effect of extern factors (ion pairs, surfactants, ionic liquids, sonoelectrochemistry, etc) in the sensitivity of the techniques. Author or co-author of more 70 publications and participation in more 100 National and International Congress.

Research Residency

1995: Chemistry Institute, São Paulo University, São Carlos Brazil (January-March).

1996: Instituto de Investigaciones Fisicoquímicas Teóricas y Aplicadas (INIFTA), La Plata, Argentine (July-August).

2001: Department of Civil and Environmental Engineering, University of Delaware, Newark, USA (February-March).

2003: Department of Nutrition, University of California Davis, USA (November-December)

2009: Universidad de Barcelona. Barcelona. España (March-June).

Teaching Experience

1985-today: Head Professor of more than 30 undergraduate students, 8 PhD students completed (3 working now) and 1 post-PhD student.

1985-today: Professor of courses Analytical, Electroanalytical Chemistry and Separations Techniques for undergraduate and PhD students.

Publications

1. C. Rojas-Romo, V. Arancibia, "A comparative study of 8-hydroxyquinoline and 8-hydroxyquinoline-5-sulfonic acid for antimony(III) determination by AdSV. Substituent effect on sensitivity II. Electroanalysis. In press. elan.201400616.R1.
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