Departament d'Enginyeria Electrònica
UNIVERSITAT POLITÈCNICA DE CATALUNYA

Pere Joan Riu Costa, director del Departament d'Enginyeria Electrònica de la Universitat Politécnica de Catalunya (UPC),

DECLARA

1. Que el grupo de investigación de Instrumentación Electrónica y Biomédica de la UPC está interesado en acoger en régimen de colaboración para la investigación al alumno de máster **Erick Andrés Pérez Alday de la Universidad de Guanajuato, México**.
2. Que la estancia prevista se realizaría entre el **5 de enero y el 5 de julio de 2011** sin prejuicio que estas fechas se puedan modificar previo acuerdo de las partes.
3. Que la supervisión académica del estudiante Erick Andrés Pérez Alday se realizará de forma compartida por el Dr. Francisco Miguel Vargas Luna de la Universidad de Guanajuato y por el Dr. Pere J Riu Costa de la Universitat Politècnica de Catalunya.
4. Que el grupo de investigación de Instrumentación Electrónica y Biomédica pondrá a disposición del estudiante los recursos materiales necesarios para poder llevar a buen término el proyecto definido.

El Director del Departamento

Pere J Riu
Barcelona, a 21 de septiembre de 2010

Departament d'Enginyeria Electrònica
UNIVERSITAT POLITÈCNICA DE CATALUNYA

Pere Joan Riu Costa, director del Departament d'Enginyeria Electrònica de la Universitat Politécnica de Catalunya (UPC),

DECLARA

1. Que el grupo de investigación de Instrumentación Electrónica y Biomédica de la UPC está interesado en acoger en régimen de colaboración para la investigación al alumno de máster **Ruth Noemy Morales Contreras de la Universidad de Guanajuato, México**.
2. Que la estancia prevista se realizaría entre el **5 de enero y el 5 de julio de 2011** sin prejuicio que estas fechas se puedan modificar previo acuerdo de las partes.
3. Que la supervisión académica del estudiante Ruth Noemy Morales Contreras se realizará de forma compartida por el Dr. Francisco Miguel Vargas Luna de la Universidad de Guanajuato y por el Dr. Pere J Riu Costa de la Universitat Politècnica de Catalunya.
4. Que el grupo de investigación de Instrumentación Electrónica y Biomédica pondrá a disposición del estudiante los recursos materiales necesarios para poder llevar a buen término el proyecto definido.

El Director del Departamento

Pere J Riu
Barcelona, a 21 de septiembre de 2010

INSTITUTO DE CIENCIAS NUCLEARES
UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO
CIRCUITO EXTERIOR C.U. A. POSTAL 70-543. 04510 MEXICO, D.F.

10 de Enero de 2010

M. en F. Xóchitl Sánchez Lozano
Instituto de Física,
Universidad Autónoma de Guanajuato.

Estimada Xóchitl:

Te escribo para invitarte a que realices las estancias de investigación que consideres necesarias en el departamento de Estructura de la Materia del Instituto de Ciencias Nucleares durante el semestre que inicia, es decir entre los meses de enero y julio del presente año.

Recibe un cordial saludo

A. U'Ren

Dr. Alfred U'Ren Cortés
Investigador Titular

Fermilab

Dr. Jorge G. Morfín
Neutrino Department
Particle Physics Division
630.840.4561
morfin@fnal.gov

15 December 2012

TO WHOM IT MAY CONCERN

I hereby certify that Mr. Edgar Valencia worked and studied from mid-September 2012 to mid-December 2012 at Fermi National Accelerator Laboratory on the E-938 (MINERvA) Neutrino-Nucleus Scattering Experiment.

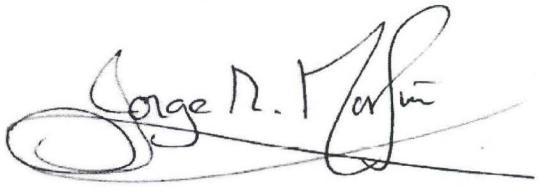
Mr. Valencia worked on the preparation for a new run of the experiment using a more energetic beam setting. He is becoming expert in the isolation and measurement of a particular physics channel that will help us understand the flux of neutrino particles entering the experiment.

Mr. Valencia also attended the regular meetings and presented regular updates – all in English - at the

- Medium Energy Electromagnetic Group
- EM Shower Group

of the MINERvA experiment as well as participated at the weekly status reports from the Latin American students.

Sincerely,



Dr. Jorge G. Morfín,
International Coordinator
The MINERvA Collaboration

Jefferson Lab
Thomas Jefferson National Accelerator Facility
Exploring the Nature of Matter

Office of Dr. Andrew Hutton

May 18, 2010

Dear Professor Napsuciale,

Thank you for visiting Jefferson Lab. We are delighted that you are initiating an Accelerator Physics program in Mexico and will assist you in launching and growing the program in all possible ways. We have considerable experience in such an endeavor.

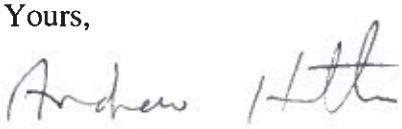
Jefferson Lab's Accelerator Division, which I lead, is committed to a fully fledged accelerator physics program dedicated to training future accelerator scientists. As you know, accelerators serve the research needs of, not only traditional Particle and Nuclear Physics fields, but also longer term needs of the scientific communities in e.g., physical, material and biological sciences, which require accelerator based facilities to further their knowledge. To this end, we have helped found a Center for Accelerator Sciences in the Physics Department of ODU's College of Science. We have Jefferson Lab Scientists as Professors and adjunct faculty at ODU who are presently giving accelerator courses and are thesis advisers to 10 graduate students. With my encouragement, our faculty at ODU and the ODU Physics Department sought and received an NSF/REU grant to start training undergraduate students in accelerator research during summer months at JLab. Thus, our effort aims at both under-graduate and graduate levels of accelerator physics education.

One of your students has been admitted in to the ODU program and I understand that you will set up a process to encourage prospective students to apply for graduate studies in Accelerator Physics at not only at ODU, but also at other leading Accelerator Physics programs in the United States. Jefferson Lab staff, who are affiliated with ODU Physics Department will be happy to be graduate thesis advisers of these students.

With a steady flow of suitable students, I believe that within a few years, you will have a capable group that will be able to assemble and commission a small accelerator (e.g. a light source) and eventually be able to design and build one on their own. As part of our outreach program, the Jefferson Lab Accelerator Division is willing to provide training and assistance to help make this venture successful. We are looking forward to developing our initial interaction into a successful collaboration.

We welcome you to the exciting and rewarding field of accelerators.

Sincerely Yours,



Andrew Hutton