



# Palestine - Israel

## Undergraduate Research Experience

### PALISURE

*Summer internships in particle physics for*  
***Palestinian*** and ***Israeli*** undergraduates  
at CERN in Geneva, Switzerland

*Daniel Levin University of Michigan*

*USSAI- Washington DC, June 1<sup>st</sup> 2009*

## Four Pillars of Wisdom

- CERN has a distinguished history fostering scientific collaboration between nations & transcending hostilities. *Today's major experiments include over 30 countries!*
- An essential component of Israel-Palestine regional development must be joint scientific effort.
- PALISURE creates an environment conducive to productive collaboration amongst young scientists, motivated to advance physics in their societies.
- Interns are mentored by world-class scientists, (emphasis on physicists from the LHC Study Abroad )

## Program Features

**~16 motivated students selected from Palestinian and Israeli universities.**

**Interns receive stipend & per diem. Participation is not be a financial burden**

**Duration = two months.**

**Common quarters at/near CERN → They work, dine, study & travel together.**

**Students attend a morning lecture series**

**Assigned in pairs to engage in directed research.**

**Supervised by dedicated mentors on site at CERN.**

**Formal presentations to peers: of research topic, progress and final results.**

**Projects include: detector performance, LHC physics data analysis, theory, Monte Carlo studies, computational-numerical analysis, database applications, detector calibration and alignment**

## **UM Study Abroad Program Interests**

**Project mentors preferentially selected from UMSA**

**Can include post-docs, faculty, research scientists**

**Two skilled, group counselors with clinical interest in Conflict Resolution could from a number of academic units.**

**Students with interests in regional scientific policy and educational efforts, foreign policy developments**

**Ideal framework for interdisciplinary studies==>**

**Mid-east affairs are topics of long standing activity in the UM community**

**Possible engagement from School of Near Eastern Studies, International Institute, Department of Political Science, Institute for Social Research...**

**Expressions of interest for this program from UM Departments is high.**

## *CERN - ATLAS eNews September 2007*

*Israeli & Palestinian CERN Summer students organize a gathering*

