



**Pardee School of Global Studies Exclusive
Born Global Summer REMOTE ONLINE Internship**

Born Global Foundation is a 501c3 mission-based charity organization that is focused on innovation education to advance a global Bioeconomy. We focus on economic, process and product innovation at the intersection of Energy, Food and Water by using circular zero-waste models emulated from nature.

In conjunction with the Beirut Ethics Colloquium we sponsored a group of high school students interested in Biomimicry to go to present at the first World Biodiversity Forum in Davos on Biomimicry as a Methodology. From the success of this group new projects are planned for this summer:

Projects:

1. **Societal Shifts Adapt to Dynamic Changing Conditions & Evolve to Survive**

Lebanon is a tiny country within the ancient Levantine region. It is a true mosaic of religions, beliefs, conflict, corruption, and resilient entrepreneurial spirit. Born Global sponsors the **Beirut Biomimics**, a group of high school girls studying Biomimicry. This year the group presented Biomimicry as a methodology at the World Biodiversity Congress in Davos, bringing great pride and hope to the public that this next generation could create a new and better society in Lebanon.

As a high school education platform this group has launched a series of summer projects. In these studies interns will work with local groups to develop the following projects:

Alchemist Garden Interactive App A botanical garden project that will work with young programmers (8th graders) to develop an interactive and entertaining app. The aim is to show how plants were used in ancient times for healing and rituals and how they are being used today as we move toward natural remedies for preventative public health policies.

Impossible Lebanon Societal Challenge An online contest that challenges high school students (Juniors & Seniors) to team up around the themes of Society, Economy and Environment and use Biomimicry to ask nature how the seemingly impossible problems facing the country can be addressed.

Food Security through Local Food Tourism Breaking bread together over long wonderful meals is the tradition of the Lebanese community. This high school

student group (Freshman) will be looking at the issue of how Covid- 19 food security issues might create new economic opportunities for local food tourism.

Process:

The online format for research and collaboration is based on the Biomimicry Innovation Methodology of Scoping, Discovering, Creating and Evaluation. The groups will be working on various time tables and the selected intern will participate in a 6-8 week process that requires online research, expert interviews (Linked In & Zoom), sourcing from primary literature and technology evaluation based on a techno-economic model.

The internship will include an online Arabic course for the spoken Arabic used in Lebanon at the Saifi Arabic Language Institute <https://classes.saifiarabic.com/store/courses/show/510/> The schedule is June 22nd to July 24th with an opportunity to continue from August 3rd to September 4th M&W 5-8PM Beirut time which is 10-1Pm EST. This will allow selected interns for basic communication with the group in Arabic by the end of the internship (all meetings are held in English).

There will be a mandatory weekly 90 minute zoom call meeting with Dr. Kimberly Samaha and the final report presentation to the Beirut Ethics Committee will be scheduled within 1 week of final report completion. This project will be documented by local students and interns with experience in video production and social networking will be a plus.

Candidates may submit a resume and cover letter of interest to Dr. Kimberly Samaha at ksamaha@born-global-inc.com