

# CAMPUS *mundi*

Port Louis is the capital of Mauritius. It is the country's economic, cultural and political centre, and most populous city. The economy of Port Louis is mostly dominated by its financial centre, port facilities, tourism and the manufacturing sector which include textiles, chemicals, plastics and pharmaceuticals.

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**AIU News + Essays + Education + Culture + Science + Technology  
+ Art + Design + Body + Mind + Spirit + Environment + Human Rights  
+ Animal Rights + Food Sciences + About AIU**

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**Campus Mundi**  
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We carefully  
choose  
the contents  
of this magazine  
with you  
in mind  
—to inspire you  
and make you  
**think**

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INTOUCH



## Graduate publishes first book



**AUGUST 17, 2020.** One of our graduates, **Ambrues Nebo**, has published

his first book on Amazon: *Politicization of the Criminal Justice System: A Liberian Perspective: Reforming the criminal justice system must take cognizance of the socio-political environment in which it operates*, in Germany, by Lambert Academic Publishing. Summary: The Criminal

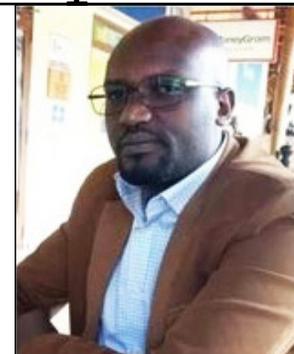
Justice System-especially the police viewed as the gate keeper of the system operate within a sociopolitical environment. This highly polarized environment creates grounds that make the system vulnerable to political influence that has implication for professional conduct and public trust in every democratic society. To address this challenge, security sector reform targeting core law enforcement agencies of the criminal justice system was introduced. However, the reform is unable to tackle

the vulnerability emanating from said environment. Using the Liberian society as the contextual background, this book for the first time presents the argument pertaining to the politicization of the criminal justice system-especially the Police.

Find his book here: <https://www.amazon.com/Politicization-Criminal-Justice-System-Socio-Political/dp/6139445337>  
**Ambrues Nebo** has completed a Doctorate program in Sociology at AIU.

## Book published

**AUGUST 21, 2020.** One of our graduates, **Jean Claude Bitsure** (Central African Republic) published this past May a book (in French) entitled *Contribution aux méthodes d'écriture en*



story. The book provides concrete examples (articles) to put its users in the bath of writing in print media. In the appendix to this work, two chapters appear. The first

*presse écrite: À l'usage des étudiants et journalistes (Contribution to Writing Methods in Print Media: For Students and Journalists).*

The book deepens, explains and details, with supporting examples, the techniques and methods of writing in the written press. It develops, in three main parts, the methods used from the choice of subjects and sources, the collection and processing of information, to the publication of the journal. It mainly emphasizes the choice of information sources, their prioritization and journalistic writing (written press). The book explains extensively the journalistic genres that constitute the lifeblood of journalistic writing, and about the description of a short

talks about technical language in print media, while the second talks about the brief history of print media around the world.

**Jean Claude Bitsure** has completed a Doctorate program in Communications at **Atlantic International University.**



## Book published



**AUGUST 17, 2020.** One of our graduates, **Brunilda Subashi**, has published a book (in

Spanish) entitled *Modernization' of lifestyle, malnutrition and physical inactivity, main causes of ENT*, in More Books!

Summary: Lifestyle, healthy eating and physical activity are important factors in maintaining health at all stages of life. Its role is important in the prevention and control of morbidity and mortality

from chronic diseases, such as: cardiovascular disease, some cancers, type 2 diabetes, obesity, hypertension, malnutrition and osteoporosis. Therefore, healthy eating and regular physical activity help maintain a normal healthy weight and provide many benefits, such as: stimulating energy, happiness, health and well-being, reducing the risk of disease and prolonging life.

You can find more information about the book on the following link: <https://www.morebooks.shop/store/gb/book/%E2%80%98modernizaci%C3%B3n%2%80%99-del-estilo-de-vida/>

*ISBN: 978-620-0-41850-0*  
**Brunilda Subashi** completes a Doctorate program in Public Health at **Atlantic International University.**



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**News Archive:** [aiu.edu/aiu2016/DownloadCenter.html](http://aiu.edu/aiu2016/DownloadCenter.html)

# The world's higher educational paradigm is unsustainable What can we do to fix it?

**S**adly, it remains a fact that only a privileged percentage of the world population has access to university level education. Just 1% of people in many countries complete any kind of higher education, and higher education achievement rates over 10% are rare outside of the Northern Hemisphere.

On a personal level, access to higher education is strongly correlated with higher earnings.

An average full-time worker with a degree in the US can expect to earn 62% more than their counterparts with a high school diploma, and the income gap is widening over time.

At the level of wider society, increased access to higher education reduces unemployment, poverty, crime, rates of smoking, and improves civic participation e.g. voting, volunteering. But we know that any exposure

to higher education produces benefits compared to secondary education alone. With this in mind, what can we do to achieve a sustainable education model accessible to all?

## What is the current state and the current challenges?

Traditional approaches produce/maintain four principal barriers to widening

global participation in higher education:

**Cost.** Traditional university level education is very expensive. Even for many citizens of countries with advanced economies, traditional higher education is prohibitively expensive. But in the developing world tuition, higher education tuition costs can exceed the average annual salary.

**Availability and accessibility.** Higher education is simply not available in much of the world. Cost is a factor, but many in poorer countries literally have no access to opportunities for traditional education, even if they could afford to pay.

Likewise, it's common that an adult may wish to pursue higher education, but caring and career responsibilities make attendance at a traditional course impossible. This effect is more common in disadvantaged places. This lack of access presents a sustainability problem for education in that sustainable and equitable global development is impossible as long as entire communities are denied access to the benefits of lifelong education.

**Relevance and outcomes.** Relevance is vital, because only if the potential student sees the direct value and practical application of an education program to improve their life will they be motivated to pursue it.

A lot of people don't feel their degrees from traditional schools are preparing them for life outside education. If a degree doesn't help a student to prosper as expected upon graduating, what measurable benefit has the student received as a result of the education program?

## What higher education alternatives exist?

We aspire to a world where access to quality higher education which effectively prepares students for their life and career is recognised as part of article 26 of the Universal Declaration of Human Rights.

If that goal is to be achievable, it's clear that new models of alternative education must be developed, and we're pleased to say that some huge progress has been made in the past two decades.

More than any invention since the printing press, the internet and the World Wide Web have decentralized and democratized access to information and learning. But there's a lot more technology can do to increase availability by facilitating alternative methods of delivering learning.

Particularly in the rising gig economy, there's a greater focus these days on skills as opposed to formal qualifications. Freelance employers are less concerned about a degree and



Image: komabatimes.files.wordpress.com

more concerned about whether you can get the job done.

The option to complete individual courses focused on a very specific area of study will be critical for the functioning of the future's gig economy, and the advent of open access to university courses facilitated by projects like Open University, Edx.org, Coursera, and Open Yale Courses has been a major game changer.

**Open University**

Founded in 1969, the Open University is the United Kingdom's largest university and a leading institution in global alternative education.

Students have the option of registering, completing, and receiving recognition for individual modules completed. The flexibility inherent in the OU's system makes it especially popular with adult students whose life circumstances may prohibit committing to a full Bachelor's degree, and 66% of students are aged over 25.

The majority of undergraduate courses have no formal entry requirements, and students who decline to complete the full 360 credits required for a Bachelor's degree may apply to receive a pre-Bachelors undergraduate qualification such as a Certificate in Higher Education.

Increasingly, modules are delivered entirely online using

innovative approaches which permit over 7,000 overseas students to study with the Open University, while students looking to pursue a broad base of study studies have the option of pursuing a "pick and mix" style Open Degree.

While the OU must be recognised as one of the earliest pioneers in the alternative education field, their approach presents some issues. In particular, fees for overseas students of up to £6,000 per year make courses unaffordable for students outside of advanced economies.

**Open Yale Courses, edX, Coursera**

Between 2008 and 2012, platforms such as Open Yale Courses, edX, and Coursera revolutionized the alternative education space. Each platform shares a common philosophy: to provide access to courses from elite global universities to the widest possible audiences. Students can access materials from many courses with no fees and may study at their own pace. Like Open University, the format offered by these platforms permits entirely self-directed study based on the career requirements of the individual.

Where official recognition of study is needed for career purposes, achievement certificates and even entire undergraduate

and postgraduate programs are available at much lower than usual fees.

**What's different about Atlantic International University's (AIU) approach?**

We touched on our belief that higher Education should be seen as a human right and in pursuit of that goal, we've been pioneering an alternative approach to adult education. Our philosophy centers on an adult education model known as andragogy, in which the central focus is the student and the development of a personalized open curriculum.

Recognizing the need to adapt higher education to the realities of today's world, we've moved away from the traditional paradigm of higher education where the institution is the provider, arbiter, and gatekeeper of knowledge delivered within a rigidly defined curriculum that fails to consider the individual's characteristics.

So, we interview students at the start of their program about their "dream life"; aspirations, personal and professional goals, and how they'd like to contribute to their society and community. The primary goals of the interview are to:

- Define what makes the student unique and unrepeatable
- Define personal and

professional goals at the start of the program

- Identify the necessary skills and aptitudes expected of them in the professional arena

By empowering students with this knowledge and purpose, AIU creates personalized, highly focused programs that are relevant and focused as much as possible on practical vs. theoretical learning. We aim to graduate "doers" rather than rote learners from textbooks.

Today, social media is the primary means of learning for countless people. What do sites like Youtube, Duolingo, and Coursera offer that traditional higher education doesn't?

24/7 access is key to the democratization and sustainability of education for adult students, especially those in

the developing world. The new paradigm in alternative education must employ advancements like gamification and advanced social features, facilitating easy interaction and exchange of knowledge between students.

Advancements in alternative education technology and methods serve a critical role in addressing these challenges. AIU remains at the forefront by creating for each student a unique open curriculum and personalized Virtual Campus with 25 powerful tools available to enhance students' learning experience.

AIU offers degree programs for adult learners from bachelors to doctorate and postdoctoral levels with a wide range of majors and areas of study.



# Graduates of the month



**AUGUST 2020**

<p><b>Brunilda Subashi</b> DOCTOR OF SCIENCE <i>PUBLIC HEALTH</i> ALBANIA</p>	<p><b>Rubén Alberto Vera</b> BACHELOR OF ELECTRICAL ENGINEERING <i>TELECOMMUNICATIONS</i> ARGENTINA</p>	<p><b>Radoslav Nevenko Johnson Orias</b> BACHELOR OF BUSINESS ADMINISTRATION <i>BUSINESS ADMINISTRATION</i> BOLIVIA</p>	<p><b>Dukore Raoul</b> MASTER OF SOCIAL AND HUMAN STUDIES <i>LEGAL STUDIES</i> BURUNDI</p>	<p><b>Mbuyu Ngoie Munga Severin</b> BACHELOR OF BUSINESS ADMINISTRATION <i>BUSINESS MANAGEMENT</i> CONGO</p>
<p><b>Miguel Domingos Júnior</b> POST-DOCTORATE OF HUMAN STUDIES <i>HUMAN STUDIES</i> ANGOLA</p>	<p><b>Ismerai Ismari Catzim</b> BACHELOR OF SCIENCE <i>PSYCHOLOGY</i> BELIZE</p>	<p><b>Alvaro David Rocabado Martínez</b> BACHELOR OF CIVIL ENGINEERING <i>ROADS AND BRIDGES</i> BOLIVIA</p>	<p><b>Nkeh Fonjie Achale Steve</b> CERTIFICATE OF SCIENCE <i>NETWORK SECURITY</i> CAMEROON</p>	<p><b>Pedro López Santamaría</b> MASTER OF COMPUTER SCIENCE <i>INFORMATION SYSTEMS</i> COSTA RICA</p>

**Carvin Clarence Howard Rankin**  
BACHELOR OF SCIENCE  
*CIVIL ENGINEERING*  
CAYMAN ISLANDS

**Juan Carlos Filidei Pousa**  
BACHELOR OF PSYCHOLOGY  
*SOCIAL PSYCHOLOGY*  
CHILE

**Diego Mauricio Posso Góngora**  
BACHELOR OF NUTRITION  
*SPORT NUTRITION*  
COLOMBIA

**Osmel Erik Mestre Martinez**  
BACHELOR OF BUSINESS ADMINISTRATION  
*INTERNATIONAL COMMERCE*  
COLOMBIA

**Andres Moncayo Romo**  
BACHELOR OF SCIENCE  
*ARCHITECTURE*  
COLOMBIA

**Clara Nubia Rolon Rodriguez**  
DOCTOR OF HEALTH PUBLIC  
*EPIDEMIOLOGY*  
COLOMBIA

**Mario Heimer Flórez Guzmán**  
DOCTOR OF PHILOSOPHY  
*EDUCATION MANAGEMENT AND ASSURANCE*  
COLOMBIA

**Mushagalusa Ganza Wilfred**  
DOCTOR OF BUSINESS ADMINISTRATION  
*INFORMATION AND COMMUNICATION TECHNOLOGY*  
CONGO

This month we have graduates from: Albania · Angola · Argentina · Belize · Bolivia · Burundi · Cameroon · Cayman Islands · Chile · Colombia · Congo · Costa Rica · Dominican Republic ·

<p><b>Alexis Andrés Gómez Geraldino</b>                      MASTER OF PHILOSOPHY  <i>PHILOSOPHY</i>                      DOMINICAN REPUBLIC</p> <p><b>Wilyn Feliz Ramírez</b>                      DOCTOR OF EDUCATION  <i>EDUCATIONAL MANAGEMENT AND QUALITY</i>                      DOMINICAN REPUBLIC</p> <p><b>Wanda Argentina Astacio</b>                      BACHELOR OF BUSINESS ADMINISTRATION  <i>BUSINESS ADMINISTRATION</i>                      DOMINICAN REPUBLIC</p> <p><b>Silvia Lorena Saenz Guerra</b>                      BACHELOR OF BUSINESS ADMINISTRATION  <i>BUSINESS ADMINISTRATION</i>                      DOMINICAN REPUBLIC</p> <p><b>Anita Clavijo Andrade</b>                      DOCTOR OF MANAGEMENT  <i>HOSPITALITY MANAGEMENT</i>                      ECUADOR</p> <p><b>Paulo Schein</b>                      BACHELOR OF SCIENCE  <i>ARCHITECTURE</i>                      ECUADOR</p> <p><b>Sampa Sanneh</b>                      BACHELOR OF SCIENCE  <i>HEALTH CARE ADMINISTRATION</i>                      GAMBIA</p> <p><b>Mark Obeng Andoh</b>                      MASTER OF ARTS  <i>THEOLOGY</i>                      GHANA</p> <p><b>Jane Ene Okonkwo</b>                      BACHELOR OF ARTS  <i>HUMAN RESOURCES MANAGEMENT</i>                      GHANA</p> <p><b>Erica Alcira González Figueroa</b>                      BACHELOR OF BUSINESS ADMINISTRATION  <i>BUSINESS ADMINISTRATION</i>                      GUATEMALA</p>	<p><b>Silvia Vanessa Mansilla Garcia</b>                      BACHELOR OF PSYCHOLOGY  <i>OVERWEIGHT AND OBESITY</i>                      GUATEMALA</p> <p><b>Sony Belizaire</b>                      MASTER OF INTERNATIONAL RELATIONS  <i>INTERNATIONAL RELATIONS</i>                      HAITI</p> <p><b>Orsolya Székely-Keresztesi</b>                      BACHELOR OF SCIENCE  <i>BIOLOGY</i>                      HUNGARY</p> <p><b>T. B. Ranganadhan</b>                      DOCTOR OF SCIENCE  <i>CIVIL ENGINEERING</i>                      INDIA</p> <p><b>George Grant Ennin</b>                      DOCTOR OF PHILOSOPHY  <i>THEOLOGY</i>                      ITALY</p> <p><b>Daniellea Perrin</b>                      BACHELOR OF SCIENCE  <i>BUSINESS ADMINISTRATION</i>                      JAMAICA</p> <p><b>Neville Kauri Greening</b>                      DOCTOR OF PHILOSOPHY  <i>PSYCHOLOGY</i>                      JAPAN</p> <p><b>Judith Aluoch Odera</b>                      MASTER OF SCIENCE  <i>NUTRITION</i>                      KENYA</p> <p><b>Amerah Salah Jabor</b>                      MASTER OF ARTS  <i>APPLIED LINGUISTICS FOR LANGUAGE TEACHING</i>                      KUWAIT</p> <p><b>Kodikaragama A. Tharindu Nalaka</b>                      DOCTOR OF BUSINESS ADMINISTRATION  <i>BUSINESS ADMINISTRATION</i>                      KUWAIT</p>	<p><b>Margaret Ho</b>                      BACHELOR OF SCIENCE  <i>PSYCHOLOGY</i>                      MACAU</p> <p><b>Blanca Estela Hernandez Chena</b>                      DOCTOR OF SCIENCE  <i>PUBLIC HEALTH</i>                      MEXICO</p> <p><b>Martha Nallely Mergil Ornelas</b>                      BACHELOR OF SCIENCE  <i>NUTRITION</i>                      MEXICO</p> <p><b>Irizue Bernardo Cortes</b>                      BACHELOR OF SCIENCE  <i>SPORTS NUTRITION</i>                      MEXICO</p> <p><b>Victorino Adriano</b>                      DOCTOR OF FINANCIAL MANAGEMENT  <i>COST ALLOCATION MODEL</i>                      MOZAMBIQUE</p>	<p><b>Aung Li</b>                      POST-DOCTORATE OF EDUCATION  <i>EDUCATION</i>                      MYANMAR</p> <p><b>Jacqueline Ebum Umoren</b>                      DOCTOR OF SCIENCE  <i>RENEWABLE ENERGY</i>                      NIGERIA</p> <p><b>Adebayo Alfred Adeniyi</b>                      BACHELOR OF SCIENCE  <i>MATHEMATICS</i>                      NIGERIA</p> <p><b>Christabel Alero Odeta</b>                      DOCTOR OF ECONOMICS  <i>ECONOMICS</i>                      NIGERIA</p> <p><b>Samuel Okon</b>                      BACHELOR OF SCIENCE  <i>ACCOUNTING AND FINANCE</i>                      NIGERIA</p>	<p><b>Isitoa Isaac Dike</b>                      DOCTOR OF PHILOSOPHY  <i>ELECTRICAL ENGINEERING</i>                      NIGERIA</p> <p><b>Serah Jacob Anzaku</b>                      DOCTOR OF PHILOSOPHY  <i>HUMAN RESOURCES</i>                      NIGERIA</p> <p><b>Chimaobi Elvis I. Onuigbo</b>                      MASTER OF SCIENCE  <i>BUSINESS MANAGEMENT</i>                      NIGERIA</p> <p><b>Bashorun Idris Ayodele</b>                      POST-DOCTORATE OF ACCOUNTING  <i>ACCOUNTING</i>                      NIGERIA</p> <p><b>Mixila Villarreal Caballero</b>                      DOCTOR OF PHILOSOPHY  <i>CORPORATE PUBLIC RELATIONS</i>                      PANAMA</p>

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**Kalunga Sakala**  
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**Lufutu Calemba Mida**  
**Doctor of Marketing**  
 July 3, 2020

“This is a great joy and I thank God to make available the AIU, I have a great souvenir with AIU, I started my education with AIU in 2013 while I was looking for the best online University, I reached it from the Internet, and I found the AIU, I have contacted Amalia who responded me with quickness, she sent me all the necessary information, and then we began with our communication, it was like a joke, and soon as possible, I started with my adventure.

Completing my study program with AIU was first of all my dream, determination, my personal commitment to face this vital fight and to merit my place in this world in various areas. There are so many uncountable benefits, advantages in completing the doctorate program with AIU, it was not easy. With AIU, I got the incomparable education I was looking for many years ago and I found it. AIU is one of the great online University with the best structure of programs, AIU is the best university that I can recommend to my family members, my friends, my ...

Read full text: <https://www.aiu.edu/Testimonialdetail.html?ItemID=1645&rcid=73&pcid=63&cid=73>



**Brooks Gibbs**  
**Master of Psychology**  
 July 8, 2020

“My experience as a student at Atlantic International University has been a positive one. My advisor/tutor Cyndy Dominguez was extremely helpful throughout my experience as I had challenges with the uploading process and also wanted to stay on top of my credits. She patiently reminded me of my deadlines and assisted me with all of my uploads.

I appreciate the approach AIU takes to adult learning. The freedom to create my own learning path and include classes from my favorite professors at other universities was a game-changer for me. I was able to really excel in my area of expertise as a result of this academic freedom.

Thank you for a great experience, I highly recommend AIU to anyone looking to advance their degree plan without leaving their life and learning plan.



**Gerard Boucher**  
**Doctorate of Counseling**  
 August 3, 2020

“I am a blind person who had difficulty/dilemma finding a University that could accommodate me with my studies for PhD in 2015. I was 68 years old when my wife died from a terrible lung disease, chronic obstructive pulmonary disorder (COPD), so to keep my mind occupied, I decided that the best thing was to study something of my interest and I inquired about furthering my education. I called and tried to apply and/or register for PhD course at several Universities, since I already obtained my Master’s Degree back in 2001.

I really didn’t want to travel that much anymore, like I have done in the past, when transportation was more available. Many of these other universities were not going to accommodate me with online course and/or with any material that my talking computer (Speech-Software) could read. They made me feel like I was bothering them too much. Even though we now have

the American Disability Act (ADA) laws to protect us with disabilities. But, the procedure for taking the time consumption to file a complaint was too lengthy and at my age I didn’t want to spend that much time, accept to study for a higher degree.

Now, when I found Atlantic International University (AIU), I discovered a profound and wonderful University that was willing to spend the time with me and accommodate me with all my needs as a blind person.

Therefore, I applied and pass for entering AIU and studied day and night for over two straight years, which kept me from thinking so much about my dear/loved wife. This University was willing to take all my courses/materials/work and translate it all in Word Documents and send it by my email attachment, so my computer could read the material, which provided me to be able to study on an equal level as people with vision.

So, this was something most Universities I communicated with, were not willing to accommodate me this way like AIU, who was more than prepared/agreeable to help and assist me through their profound and beautiful people/counselors, who assisted me with all my needs.

After receiving my degree, I became a more educated and special advocate for the blind, disabled (veterans) and elderly, which I have been commencing to do for over fifty years. Thanks to this great, wonderful, brilliant and magnificent university!

# Self-generated knowledge is a great tool to face crisis

Interview with Giovanni Giuseppe De Piccoli Córdoba | AIU Alumni, Summa Cum Laude | Colombia

## Who are you, Giovanni, what do you do?

My origins are Italian, born in Barranquilla, Colombia, 50 years ago. I reside in the city of Bucaramanga, in the department of Santander in the northeast of the country. I am an Architect specialized in Restoration and Conservation of the Built Heritage.

Currently, I am dedicated to teaching, at the Santo Tomas University, the oldest academic cloister in Colombia (1580) at the Faculty of Architecture, one of the best academic programs in the country. I am coordinator of the Emphasis and Electives areas. I also work with digital art projects and the design of spaces, I am researcher and writer of articles of scientific nature. I have published in indexed magazines in the area of theory, history and criticism of Architecture. I am also a columnist in the renowned magazine *Enfoque Lifestyle*. I write about Art, Architecture and Design.



Image: www.purewords.org

**How has the Andragogy-based learning process impacted both your professional and your personal life?**

I must say with great pride that academically, the didactic, methodological and curricular processes in my learning through the Virtual Campus of AIU, are a pillar of acquired knowledge and the ratification of experience applied in professional practice. In many ways, it is a learning vision that today—in the midst of the global Covid-19 crisis—demonstrates how important autonomous learning is but guided by professionals who encourage students to be a generator of their own know-how.

The academic system also emphasizes research processes since it requires the constant search for knowledge, updated information based on conceptual and theoretical grounds to give place to interesting philosophical positions, creative thinking and rational discernment that guarantees the appropriation of what finally joins the student’s DNA and determines their learning capacity in this case at the Master’s level and its logical connotation in the professional world.

**You are one of the few students who have obtained the SUMMA CUM LAUDE Honors**

**in the history of AIU. How important is this for you?**

I consider it to be an honorary recognition that I am grateful for in a thousand different ways, it is not easy to study in a distance program and combine work and study at the same time, therefore academic excellence is something that is constantly sought and done. In occasions, the times were somewhat elusive in the sense that you have a lot to do within the teaching and learning process but ultimately it is a personal decision if you want to do it well or excellently and that implies sacrifices of all kinds, when you manage to do a task well done and you feel satisfied with your own work. That is the best feeling and if it is represented in a good grade from your tutors, with their comments. It makes you feel really full.

From my final thesis, several scientific articles emerged that have been published in different magazines in the field of architecture, design, arts and urban planning, so when in addition, the knowledge is validated by an academic community in these areas at a national and international, then the effort pays off. You are finally spreading knowledge and that is important.

**What are your achievements after completing your program at AIU?**

There are several: From my academic life it allowed me to occupy administrative positions in the management of higher education in my country, I was Director of the Space Design Program and Dean of the Faculty of Architecture, Art and Design of the Autonomous University of the Caribbean in Barranquilla, Colombia. I was recognized as the best teacher in all its programs several times. Being a Historiographer and generating knowledge allows me to be published in magazines with high scientific and academic content and led me to make presentations in different scenarios at the local, national and international level. The connection with institutions that manage knowledge in my field of action also guarantees the transmission of knowledge and that is an achievement. Teaching is a vocation more than a profession, being a teacher is being a reference in life for your own students.

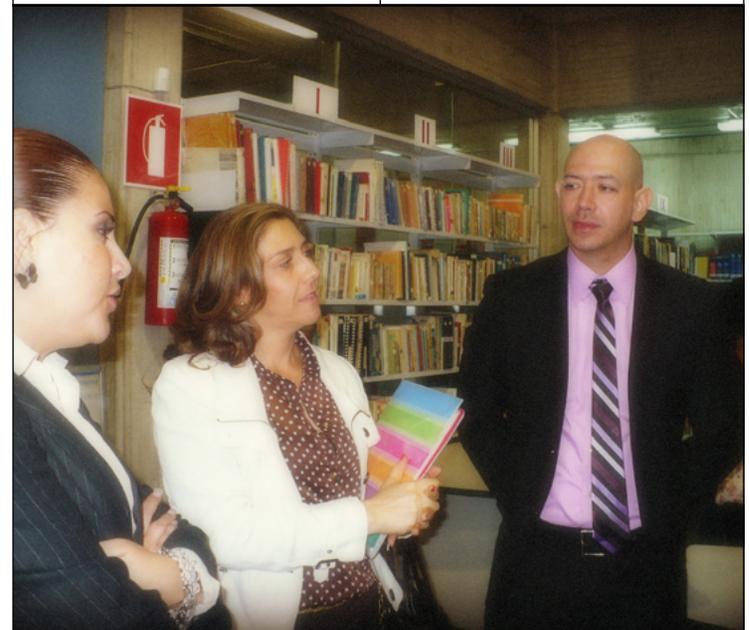
**We are living in an exceptional moment. What is your vision of the world situation?**

It really is a terrifying situation and one that moves the floor in many ways, life as we know it today is very different

from what it was yesterday and what it will be tomorrow; even more so in our Latin American countries where the social, political and economic reality is so far from the first world. We will see a very strong decay in our development process in the next 5 years, the consequences are not only immediate but also long term. However, the human being with tenacity has risen from this type of situation before. Pandemic may cause pain, fear and death. It tests our ability to survive, not lose hope, to keep united as a species and perhaps we have the opportunity to understand why and visualize why. As I wrote in my most recent

opinion article in *Enfoque Caribe*, a lifestyle magazine. <https://enfectoribe.com/el-arte-y-las-tragedias-de-la-humanidad-catastrofes-que-quedaron-plasmadas-en-obras-artisticas/>  
 “In these moments, when the fine line of what is fantasy and reality merge, it is also time to meditate on who we are as a species and what world we are going to leave our children; will it be a canvas of devastation and black loneliness? or, on the contrary, a magnificent watercolor of beautiful landscapes full of color, joy and harmony.”

**Where is art at right now? On the one hand, thousands of artists around the world**





**are in a critical situation for not being able to work, and art may be the area that will take more time to reactivate; on the other hand, there has been an unprecedented consumption of books, music and other artistic expressions.**

It is an interesting question, from my personal opinion all disciplines and areas in which human beings move have been affected equally, however art is a reflection of the communities that at a certain time and under a particular aesthetic create objects materials that reflect those moments, positive or negative, so the image will also be the one that will establish

an understandable, tactile and truthful dialogue of these situations ... artists never stop creating and many of us take everyday life as inspiration to express a feeling particular but also collective, in many ways, and we are seeing it. Art in all its possible plastic representations is translating this situation into messages of hope, of love, of tenacity, of realities. As overwhelming as it could be, art invites us to compassion, to see the light at the end of the tunnel and that to remember that humanity do not give up.

**What changes will there be after this crisis? Will there be more development of**

**sustainable architecture? Will cities have a decrease?**

This on the contrary is a difficult question to answer, and the reason is that the practices of architecture depend a lot on the country where it occurs, therefore it is subject to its own economic, political and technological systems. In the first world countries where there are strong economies, low corruption rates, better planning of their cities, a wide range of technologies that in turn enable experiments in sustainability and self-sufficiency in the field of construction among other benefits, it is more viable to see a greener architecture, with less carbon footprint on the Earth and more coexisting with the environment and with a greater concept in favor of the well-being of human beings.

This is very different in developing countries. The answer in this case would be the academy, from the formative praxis of architects capable of being close to their immediate contexts and environments and being able to provide suitable solutions to specific problems. In my opinion, it is an utopia for us Latin Americans but not impossible to achieve. For this to happen, many social and political changes must take place.

**Are there any specific lessons we can learn from this situation as Academics?**

Many. One of them is the constant process of the teacher in taking problematic situations from his environment and adapting to new ways of expanding his own knowledge and being able to communicate them with students.

Another lesson is maintaining academic excellence despite the circumstances. Education can be misleading when the level of commitment of the teacher is assessed, that is, as human beings, it must be understood that young students today conceive that.

And a third lesson, is that today we are more vulnerable as living beings, and being aware of this the teacher must be dialogical, systemic and holistic in order to be a transmitter of knowledge, a motivator to create it and a communicator to apply it to hopefully obtain in most of their apprentices a response that solves a problem in an ideal way, a true appropriation by the young person of what they learn not for the moment, but for life.

**Do you have a message for the AIU community?**

Professional training is essential to allow us to rise in an

increasingly competitive world but it is useless to have specializations, Master's degrees and Doctorates if, in the end, that training does not lead to an approach and proximity to the students that allows the connection between teacher and disciple. Only a meaningful and respectful teaching and learning experience create bonds based on humility and constructive dialogue between two human beings in favor of a better life expectancy.



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**Publications by Students:** [aiu.edu/StudentPublication.html](http://aiu.edu/StudentPublication.html)

# The new planet Earth



By Dr. Rosa Hilda Lora M.  
Advisor at AIU | rosa@aiu.edu



Image: cherryblossomfestival.blogspot.com

exist, new achievements and problems; under what conditions can they be maintained and cause the destruction or commotion of the system in which they occur? These are the questions raised by the mutants produced by nature and the technical and intellectual inventions of the human being". (PRIGOGINE, 2009, P. 85)

**Prigogine** solves the problem of the changes and the income into the systems with the equilibrium that the system always tries to maintain. **Prigogine** was awarded in 1977 with Nobel Prize in Chemistry for his work on his theory of dissipative structures.

What human beings have done is act in such a way that the system can no longer self-organize or self-regulate.

As life is not possible, for human beings, elsewhere in the galaxy **Morin** says: "From now on, it will be on this lost Earth in the astrophysical cosmos, on this Earth that the Earth sciences conceive as

Our planet seen by **Carl Sagan** is that pale blue dot in the little Galaxy that is the Milky Way. Our planet as **Morin** (2007) says is a lost micron. That lost micron inhabited by human beings has a History.

In our development on this little blue dot we have had

ways to build what we thought was the best way to live.

**Descartes** and **Marx** had as a thought the conquest and possession of nature. Nowadays we know that this can't be possible because the cosmos is immense and we can't reach its domain. Human beings are

not supernatural beings.

About our planet Earth we have new proposals: **James Lovelock** (UNITED KINGDOM, 1919) unveiled, in 1979, the Gaia hypothesis. According to **Lovelock** the Earth is a living being that self-regulates and self-regenerates.

Let's remember **Ilya Prigogine's** (MOSCOW 1917 - BRUSSELS 2003) theory of dissipative structures; it demonstrates the self-organization and self-regulation of systems. "Every invention, human or natural, introduces into the world entities that didn't

a 'living system', in this Gaia biosphere, where the humanistic idea of the Age of Enlightenment can be realized, the idea that recognizes the same dignity for all men". (MORIN 2007, P. 146)

The question is what has happened so that our planet is protesting and the self-regulation and self-regeneration every day is more difficult. It is happening that if a different element enters the system at its weakest point, the system breaks. From the exposed knowledge reached by science, we can see that its development is extraordinary.

Yes, human beings have built a world of high scientific development achieved by countries with great economic development. The development of science means a lot of money to invest, but at the same time that investment generates good dividends in applied science.

Technology is the great investment of developed countries. Technological development also has its consequences because elements are created that harm nature or human beings. Within the great development that a part of world society has reached; the other human beings continues with serious problems of poverty, there is the trade.

Nowadays, trade is global and very fast due to the way in

which products or services are made and their distribution. The problem is that products are made to earn money. Production is not based on needs; production is a function for profit. In the search for profits, the consequences for the planet and for all testimonies of life on Earth are not taken into account. The consequences translate into global warming.

The production of goods is not to cover the needs of human beings; production is to achieve markets and money. There is a high rate, 80% of the 7.7 billion human beings, who live in poverty. These people don't have the necessary goods and services to live with dignity. From the above we infer that world wealth is enjoyed by 20% of the population.

Given the form of production and the type of global economic development, the problems also become global. Hence the problem we have nowadays to achieve development that will be sustainable. We have to think about the social, cultural and biological problems we have as well as the conservation and development of the mentioned aspects. Thinking that economic development meant human, moral and cultural development has been a great mistake that has brought us to where we are:

- a) Living the consequences of a pandemic
- b) In the face of a recession never seen before.
- c) A climate change that threatens everything that exists in our Gaia.

That science that we have built, that world of production, the forgetfulness of some in front others who have little, and the threats of the great recession and loss of life in such a tragic way, must make us reflect if we have to build another path of life.

We still have many who think that the pandemic we are experiencing today is not true and they walk through life as if nothing happens. We see a large majority of politicians busy just staying in power without thinking about their governed. The sad thing about it all is that the problems we have built are not just for this or that country; it is a world problem.

We are already living it: you can't go to these countries, if you do it on your return you will spend so many days alone. Let's see if they don't come to infect us. The countries that were on the step to recovery are returning to the past; now they have a lot of people infected. That part of the population that doesn't pay attention to the facts will later have to do it but they



Image: Koki Iovanovic

have already complicated things for the rest. This moment in History will leave us a great learning as a society.

According to **Habermas** "...every new stage (logical or moral) is a new structure that contains elements of the previous structure, but that transforms them in such a way that it achieves a more stable and broader balance". (HABERMAS, 1998, P. 49) **Habermas's** thinking makes us

consider that all the changes we need to make for a decent life for all won't be to erase everything that has been accomplished. The changes we need to make will be about everything that denies life.

Life in our Gaia, in our pale blue dot, must be for everyone: The earth and the living beings in all its manifestations —human life and biological life.

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LEARNING



Image: Leonard Lab/UCSF/ Jhia Louise Nicole Jackson

TVNS earbud in place.

# Learning languages

## Vagus nerve stimulation could make it easier.

New research by neuroscientists at the University of Pittsburgh and University of California San Francisco (UCSF) revealed that a simple, earbud-like device developed at UCSF that imperceptibly stimulates a key nerve leading to the brain could significantly improve the wearer's ability to learn the sounds of a new language. This device may have wide-ranging applications for boosting other kinds of learning as well.

Mandarin Chinese is considered one of the hardest languages for native English speakers to learn, in part because the language —like many others around the world— uses distinctive changes in pitch, called “tones,” to change the meaning of words that

otherwise sound the same. In the new study, published today in *npj Science of Learning* (a Nature partner journal), researchers significantly improved the ability of native English speakers to distinguish between Mandarin tones by using precisely timed, non-invasive stimulation of the vagus nerve —the longest of the 12 cranial nerves that connect the brain to the rest of the body. What's more, vagus nerve stimulation allowed research participants to pick up some Mandarin tones twice as quickly.

“Showing that non-invasive peripheral nerve stimulation can make ... *Read full text: <https://www.technologynetworks.com/neuroscience/news/vagus-nerve-stimulation-could-make-learning-languages-easier-338407>*

# Fans of horror movies

## ...may be better at coping with the covid-19 pandemic.

People fall into one of two categories in a pandemic, those who want to lean into the void and watch all-too-real movies like *Contagion* and *Outbreak*, and those who avoid such disaster movies like the plague. A new pre-print study (it hasn't yet been peer-reviewed) has found that our fondness for grim films actually impacts our capacity to cope in a pandemic, with those who enjoyed a good horror flick faring better than those who didn't.

The study authors from Aarhus University in Denmark identified a genre of “prepper” movies that they hypothesized might mentally prepare the viewer for facing a crisis in real life by allowing them to “practice effective

copying strategies that can be beneficial in real-world situations”. Fictional stories in books and cinema are like a “gift from natural selection” in helping us to act out real-world situations from the safety of our sofa. Study authors set out to ascertain if a penchant for plots that tell of disaster and ruin gave movie fans a mental advantage in coping with the living nightmare of the coronavirus pandemic.

Within their “prepper” movie genre, the researchers included films about alien invasions, apocalypses, and zombies. They sought to establish ...

*Read full text: <https://www.iflscience.com/brain/fans-of-horror-and-disaster-movies-may-be-better-at-coping-with-the-covid19-pandemic/>*



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## Cancer vaccine

Brand new, and ready for human trials.

Scientists are ready to trial a new cancer vaccine in humans following the successful outcome of their preclinical studies. The new vaccine was developed by a Mater Research team based at The Translational Research Institute in collaboration with The University of Queensland.

Lead Researcher Associate Professor **Kristen Radford** says the vaccine has the potential to treat a variety of blood cancers and malignancies and is a major breakthrough for cancer vaccinations.

“We are hoping this vaccine could be used to treat blood cancers, such as myeloid leukaemia, non-Hodgkin’s lymphoma, multiple myeloma, and

paediatric leukaemias, plus solid malignancies including breast, lung, renal, ovarian, and pancreatic cancers, and glioblastoma,” she said.

“Our new vaccine is comprised of human antibodies fused with tumour-specific protein, and we are investigating its capacity to target human cells while activating the memory of the tumour cells.” Associate Professor **Radford** says the vaccine offers several key advantages over existing cancer vaccines, which have already shown promise in early clinical trials. ...

*Read full text:* <https://www.technologynetworks.com/cancer-research/news/new-cancer-vaccine-ready-for-human-trials-337220>

## Chernobyl fungus

Eats nuclear radiation via radiosynthesis.

The earth’s atmosphere and magnetic field protect humans from harmful radiation. However, it is a known fact that astronauts are exposed to radiation levels that are 20-fold higher than those found on planet earth. NASA recently did an experiment on the International Space Station after realizing that a fungus growing near the Chernobyl site was thriving on nuclear radiation because of radiosynthesis. The fungus was using melanin to convert gamma radiation into chemical energy. Therefore, space scientists grew the fungus inside the ISS for a month and

analyzed its ability to block radiation.

The experiment showed that the Chernobyl fungus, now identified as “Cladosporium sphaerospermum,” was able to block some of the incoming radiation. This finding has implications for future space missions. Scientists are thinking of shielding astronauts and space objects with a layer of this radiation-absorbing protective fungus. Meanwhile, let’s await further updates from NASA.

*Read full text and watch video:* <https://www.technologynetworks.com/applied-sciences/videos/chernobyl-fungus-eats-nuclear-radiation-via-radiosynthesis-338464>



AIU makes a huge contribution to the world by giving new scientifics the space for original investigations and research. Visit **MgAIU Evolution**



## Portable kitchens

Graduate collective **Soup International** has designed eight community kitchens that would allow refugees and asylum seekers to enjoy “the normalcy of domestic activities”.

The kitchens were designed for the Migrant Living/Nomadic Domesticities project by Soup International – a group of eight graduates that met whilst studying the MA Interior Design course at the University of East London. Led by course tutor **Claudia Palma Romao**, the eight graduates developed portable and multifunctional kitchen designs that would benefit the Southwark Day Centre for Asylum Seekers (SDCAS).

The non-profit organisation has three day centres which provide a range of services that support asylum seekers ...

*Read full text:* <https://www.dezeen.com/2020/08/21/soup-international-portable-kitchen-design-refugees/>

## Transparent public restrooms



Around the world, public toilets get a foul rap. Even in Japan, where restrooms have a higher standard of hygiene than in much of the rest of the world, residents harbor a fear that public toilets are dark, dirty, smelly and scary.

To cure the public’s phobia, the non-profit Nippon Foundation launched “The Tokyo Toilet Project,” tasking 16 well-known architects to renovate 17 public toilets located in the public parks of Shibuya, one of the busiest commercial areas of Tokyo.

So far, the most talked-about design comes from Pritzker Prize-winning architect **Shigeru Ban**, whose transparent restrooms popped up this month in Haru-no-Ogawa Community Park

and the Yoyogi Fukamachi Mini Park.

The two units each have three cubicles, which are surrounded by transparent tinted glass in cyan, lime green, blue, yellow, pink or purple. The see-through design has a practical reason, which is to allow a person to easily check inside before entering. ...

The design relies on a new smart-glass technology that turns the walls opaque when the door is locked. “At night, they light up the parks like a beautiful lantern,” according to The Nippon Foundation. ...

*Read full text:* <https://www.forbes.com/sites/suzannerowankelleher/2020/08/16/why-tokyos-new-transparent-public-restrooms-are-a-stroke-of-genius/#35f18cb2211e>



## UV lamps

Italian lighting brand Artemide has developed a way of turning lamps into room sanitisers that emit anti-viral ultraviolet light when people are not around. Called Integralis, the patented technology can be fitted to light fixtures and programmed via an app to emit normal light when rooms are occupied and ultraviolet (UV) rays when they are empty.

While invisible UV light can kill pathogens including viruses, it can be harmful to humans. However, the blue spectrum of visible light can also have an anti-microbial effect.

“In the presence of people, emission frequencies and doses of energy that are not harmful to the eyes and skin can be used, which nonetheless act to inhibit the growth of bacteria, mould and fungi,” Artemide CEO **Carlotta de Bevilacqua** told *Dezeen*.

“In the absence of people, higher energy levels and frequencies ... *Read full text:* <https://www.dezeen.com/2020/08/20/artemide-integralis-uv-light-coronavirus/>

Find support for your own unique art and design projects, or support other creative projects at **MyAIU Research**



Image: medium.com

## Coping mechanisms

for anxiety that don't involve emotional dumping on your friends.

**1 Journal.** Instead of essentially live-blogging the happenings of your internal world to friends via text, write them down in a diary instead. "When you journal specifically to reduce anxiety, you allow yourself to vent without judgment about whatever is on your mind," says Dr. **Manly**.

**2 Get physically stronger.** Physical activity can serve as an effective anxiety outlet for some people as well. "Anxiety involves a belief that you're weak or not good enough, so exercise that makes you feel strong makes sense," says Dr. **Daramus**.

**3 Jam out.** Dr. **Daramus** also recommends turning to music for comfort in anxious moments; however, it's important to note that this is not a one-size-fits-all solution. "Some

people need soft, calming music, other people need hard rock or a good jam," she says.

**4 Get arty.** "Any kind of creative art that expresses your worries could help," says Dr. **Daramus**. This includes art-lite options like coloring books, DIY friendship-bracelets, or freestyle dancing.

**5 Acknowledge that, for some, anxiety changed in 2020.** "Dealing with anxiety is different than it was a few months ago, because therapy often focused on why your anxieties are irrational or exaggerated," says Dr. **Daramus**. "Now there's less of that, and more people are coming into therapy for realistic anxiety." ...

*Read full text: <https://www.wellandgood.com/how-to-stop-emotional-dumping/>*

# How to hug

## ...during a pandemic.

**N**ot only do we miss hugs, we need them. Physical affection reduces stress by calming our sympathetic nervous system, which during times of worry releases damaging stress hormones into our bodies. In one series of studies, just holding hands with a loved one reduced the distress of an electric shock. ...

**Julian Tang**, a virologist and associate professor at the University of Leicester in England who studies how respiratory viruses travel through the air, said he would add one more precaution to a pandemic hug: Hold your breath.

**Yuguo Li**, a University of Hong Kong engineering professor and senior author on the paper that Dr. **Marr** cited to make the calculations, said that hugs

probably pose less risk than a longer face-to-face conversation. "The exposure time is short, unlike conversation, which can be as long as we like," he said. "But no cheek kissing..."

Here are the **Dos** and **Don'ts** of hugging, based on the advice of Dr. **Linsey Marr** and other experts.

- ✗ DON'T hug face-to-face.
- ✗ DON'T hug cheeks together, facing the same direction.
- ✓ DO hug facing opposite directions.
- ✓ DO let children hug you around the knees or waist.
- ✓ DO kiss your grandchild on the back of the head.

*Read full text: <https://www.nytimes.com/2020/06/04/well/family/coronavirus-pandemic-hug-mask.html>*



Image: Eleni Kalorkoti

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Greta Thunberg at her now-regular protest spot outside the Swedish parliament.

## Climate crisis denial

After two years of school strikes, it persists.

On Thursday 20 August, it will be exactly two years since the first school strike for the climate took place. Looking back, a lot has happened. Many millions have taken to the streets to join the decades-long fight for climate and environmental justice. And on 28 November 2019, the European parliament declared a “climate and environmental emergency”. ...

Last month, just ahead of the European council summit, we published an open letter with demands to EU and world leaders. Since then, more than 125,000 people have signed this letter. Tomorrow [August 20] we will meet the German chancellor, **Angela Merkel**, and deliver the letter and demands, as well as the signatures. We will tell **Merkel** that she must face up

to the climate emergency... The EU and the United Kingdom are accountable for 22% of historic accumulative global emissions, second only to the United States. It is immoral that the countries that have done the least to cause the problem are suffering first and worst. The EU must act now, as it has signed up to do in the Paris agreement.

Our demands include halting all fossil fuel investments and subsidies, divesting from fossil fuels, making ecocide an international crime, designing policies that protect workers and the most vulnerable, safeguarding democracy and establishing annual, binding carbon budgets based on the best available science. ... *Read full text:*

<https://www.theguardian.com/commentisfree/2020/aug/19/climate-crisis-leaders-greta-thunberg>

## Green technological energy

We are burning what remains of the living planet to fuel our lifestyles.

Is there any form of real green energy nowadays? [Question to Jeff Gibbs]

“Green renewable” energy is neither green nor renewable. Sunshine and blowing wind might be renewable, but giant technological machines made to harvest the wind and solar are the opposite. That technology could ever be “green” or “renewable” is one of the greatest illusions ever. Technology comes from digging, blasting, mining, burning, smelting, refining, and manifold industrial processes. Technology consumes non-renewable resources, and emits toxins and pollution. No other options exist. There is no free pony for everyone. Switching from carbon based energy sources to so-called “renewables,” even if it was possible,

INCREASES our dependency on, and consumption of, non-renewable resources, hastening the demise of industrial civilization. The sun will keep shining and the wind will keep blowing long after our futile attempt to harvest them with hundreds of thousands of square miles of “green” technology collapses. There will never be “green” technological energy and fantasizing there could be says something about our desperation. And keep in mind that the majority of what’s defined as, and gets subsidized as “green” energy, are biofuel and biomass —burning what remains of the living planet to fuel our lifestyles. ... *Read full interview:*

<https://www.lacittafutura.it/economia-e-lavoro/jeff-gibbs-there-will-never-be-green-technological-energy>



Eco Tip: Preserve what you grow, so you can have fruits and vegetables throughout the year. Change your life, get sustainable. Visit MyAIU Knowledge

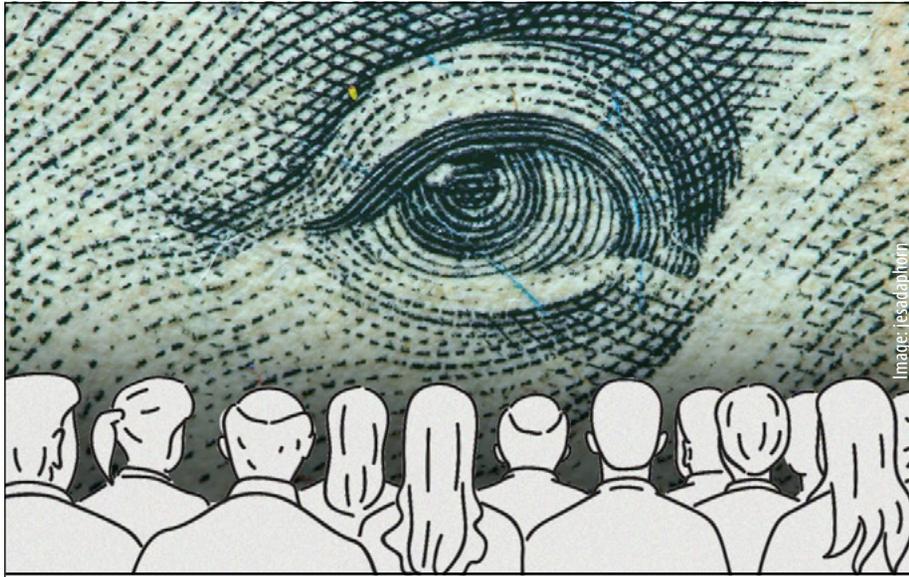


Image: jessicapturn

# Employees with disabilities

## Businesses can still legally pay them less.

The continued struggles of women, minorities, and individuals with disabilities to achieve equality in the workplace are partly the result of societal and cultural forces, but they differ in at least one key respect: The law explicitly enables employers to pay workers with disabilities less than the federal minimum wage of \$7.25. In other words, under the law, individuals with disabilities may earn less than their colleagues who are not disabled due to a trait they cannot change.

This is the result of a section within the Fair Labor Standards Act dating back to 1938. While this landmark law had a profound impact on America's economic, workforce, and social development by creating a federal minimum

wage, establishing overtime pay, and prohibiting oppressive child labor, it proved discriminatory toward people with disabilities. By creating a subminimum wage for workers who were at the time seen as "substandard" given their perceived productivity levels, the Fair Labor Standards Act failed to protect individuals who use wheelchairs, are blind or deaf, or have cerebral palsy, autism, or certain other physical or mental health impairments. ...

As of January 1, 2020, more than 1,200 employers nationwide are certified to employ more than 300,000 workers with disabilities in subminimum ... *Read full text: <https://www.fastcompany.com/90540026/its-time-to-end-the-law-that-lets-businesses-pay-less-to-people-with-disabilities>*

# Beluga whales

## Rescued from performing as show animals in Chinese aquarium.

The Sea Life Trust has confirmed that two beluga whales have been safely rehomed in their new sea sanctuary after almost 10 years out of the ocean. Little Grey and Little White have been in captivity for most of their lives, having spent nearly a decade at an aquarium in China, where they were trained to perform tricks to live audiences. Prior to that, they were held at a Russian research centre.

Now, the beautiful 12-year-old whales have been safely rehomed at Klettsvik Bay in Iceland.

In photographs of the transfer — which took place on Friday [August 7]— the whales can be seen being transported into the water via a special

sling —and they look over the moon about their new residence! They will need a short period of time to acclimate to their new natural environment before they are released into the wider sanctuary at Klettsvik Bay, but so far the pair are feeding well and seem to be making great progress. They will now be assessed around the clock to make sure they're settling in safely.

The beluga whales travelled 6,000 miles to their new home, including a 12-hour flight, after the Sea Life trust rescued them last year. But the team made sure they had the safest journey possible. ... *Read full text: <https://www.tyla.com/life/life-news-two-beluga-whales-rescued-aquarium-released-into-ocean-sea-life-trust-20200810>*



Get a better knowledge about our rights and the way we can use them on a daily basis to prevent any abuse or limitations of them. Visit [MyAIU Human Rights](#).

CAMPUS

# MIT professor predicts the end is looming for humankind



Image: wisconsinSAFEenergy.org

Tar sands open pit mine, Alberta Canada

As if 2020 can't get any better (or worse), a professor from the Massachusetts Institute of Technology (MIT) said that time is running out for humankind and that he fears it's a little too late to save ourselves from imminent extinction.

### Near the point of no return

According to a report by *Futurism*, MIT mechanical engineer **Asegun Henry** warns humanity that we

are incredibly close to the point of no return, which would send us to the path of destruction of the climate and all of humankind.

It all boils down to physics: our energy consumption only involves either transferring or generating heat.

If that is partnered with greenhouse gas emissions that come from the energy we use, it's only a matter of time before Mother Nature claps back, and the majority, if not all, of humanity, could be

easily wiped out.

This is something that tons of people have been speaking about, but unfortunately, they typically fall on deaf ears, making it almost impossible to make a move that would turn things around or significantly buy us more time.

### Five challenges we need to overcome

Nevertheless, **Henry** says that we have hope left, and it's not the time to wave the white flag.

In a research published in the journal *Nature Energy*, **Henry** worked with other engineers from various universities in the USA, including from the University of California, Stanford University, and Berkeley to lay out five of the grand challenges we have to overcome to reverse the course of destiny and avoid human extinction.

The five challenges are as follows: First, humanity has to develop thermal storage systems for electric vehicles, power grids, and buildings, then decarbonize industrial processes, followed by solving cooling problems, and then solve long-distance transmission of heat.

Finally, experts will have to solve variable conductance building envelopes.

These challenges are not for the faint of heart and can be extremely difficult to accomplish, but humanity's fate is on the line.

"Time is running out, and we need all hands on deck," **Henry** said in a press release.

### Teaching Bill Gates

In the interview, the MIT

engineer also shared how the paper came about, saying that it all stemmed from a meeting with billionaire and philanthropist **Bill Gates** together with his two co-authors.

According to him, they were sent to teach **Gates** about thermal energy and by the end of the meeting, when they are going back home from the session, they decided that the message they related to **Gates** should be shared with everyone.

"This particular paper is about thermal science and engineering specifically, but it's an interdisciplinary field with lots of intersections," he said.

However, overcoming the challenges are the least of our worries, since the expert said by the time we have transitioned to clean energy from fossil fuel-dependent energy, we may have lost so much time.

"We need dramatic change, not yesterday, but years ago," **Henry** further said. "So every day I fear we will do too little too late, and we as a species may not survive Mother Earth's clap back."

Read full text by *Nhx Tingson*: <https://www.techtimes.com/articles/251906/20200819/mit-professor-predicts-the-end-is-looming-for-humankind.htm>

Help others study and change their lives. Visit **MyAIU Pledge**. Learn how to have a better financial control. Visit **MyAIU Money**.

BE WISE & HAVE FUN



**Portable fan.** This rechargeable fan handily provides a cool-down when you need one. Can be used handheld or in its stand that sticks to surfaces—even upside down. [www.thegrommet.com](http://www.thegrommet.com)

“The land is the real teacher. All we need as students is mindfulness.”

Robin Wall Kimmerer, 1953–. Professor of Environmental and Forest Biology at the State University of New York College of Environmental Science and Forestry.



Image: www.ft.com



**La maison inondée bowl.** These whimsical dishes turn eating into an adventure. The smaller bowl is perfectly sized for children and can also serve as a nut dish. The larger size makes a striking centerpiece for fruit. Smaller size is stackable. Dishwasher safe. [store.moma.org](http://store.moma.org)

# Good advice

## 3. SHOW UP FULLY

Don't dwell on the past, and don't daydream about the future, but concentrate on showing up fully in the present moment.

Source: [www.inc.com](http://www.inc.com)



**Redundant watch.** The watch, which “tells time twice,” is based on a 1993 clock design by **Ji Lee** in which the designer introduced a layer of friction to the otherwise simple act of telling time—it forces you to stop and appreciate the moment. [store.moma.org](http://store.moma.org)

# BACHELORS OF Food Science

## SCHOOL OF SCIENCE AND ENGINEERING



The Bachelor of Food Science (BS) program helps students develop the set of skills necessary to occupy positions in food production plans and work in quality assurance, product development, microbiology and chemical analysis as well as roles within consulting laboratories, government organizations and regulatory bodies. The Bachelor of Food Science (BS) program is offered online via distance learning. After evaluating both academic record and life experience, AIU staff working in conjunction with Faculty and Academic Advisors will assist students in setting up a custom-made program, designed on an individual

basis. This flexibility to meet student needs is seldom found in other distance learning programs. Our online program does not require all students to take the same subjects/courses, use the same books, or learning materials. Instead, the online Bachelor of Food Science (BS) curriculum is designed individually by the student and academic advisor. It specifically addresses strengths and weaknesses with respect to market opportunities in the student's major and intended field of work. Understanding that industry and geographic factors should influence the content of the curriculum instead of a standardized one-fits-all

design is the hallmark of AIU's unique approach to adult education. This philosophy addresses the dynamic and constantly changing environment of working professionals by helping adult students in reaching their professional and personal goals within the scope of the degree program.

**IMPORTANT:** Below is an example of the topics or areas you may develop and work on during your studies. By no means is it a complete or required list as AIU programs do not follow a standardized curriculum. It is meant solely as a reference point and example. Want to learn more about the curriculum design at AIU? Go ahead and visit our website, especially the Course and Curriculum section: [www.aiu.edu/CourseCurriculum.html](http://www.aiu.edu/CourseCurriculum.html)

### Orientation Courses:

- Communication & Investigation (Comprehensive Resume)
- Organization Theory (Portfolio)
- Experiential Learning (Autobiography)
- Seminar Administrative Development (Book Summary)
- Seminar Cultural Development (Practical Experience)
- Seminar International Development (Publications)

### Core Courses and Topics

- Microbiology of food
- Quality assurance of food products
- Social science and humanities
- Introductory organic and biochemistry
- Principles of biology
- General microbiology
- Chemistry

- Principles of macroeconomics
- Basic nutrition
- Fundamentals of food processing
- Applied microbiology for meat and poultry processors
- Food microbiology
- Quality assurance of food products
- Nutritional assessment
- Culture and foods
- Nutrition science
- Genetics, nutrition, and health
- Principles of delivering public health nutrition services
- Fundamentals of biochemistry
- Human physiological anatomy
- Anatomy & physiology
- Whole foods production
- Biochemistry for life sciences

### Research Project

- Bachelor Thesis Project
- MBM300 Thesis Proposal
- MBM302 Bachelor Thesis (5,000 words)

**Publication.** Each Bachelors graduate is encouraged to publish their research papers either online in the public domain or through professional journals and periodicals worldwide.

### Contact us to get started

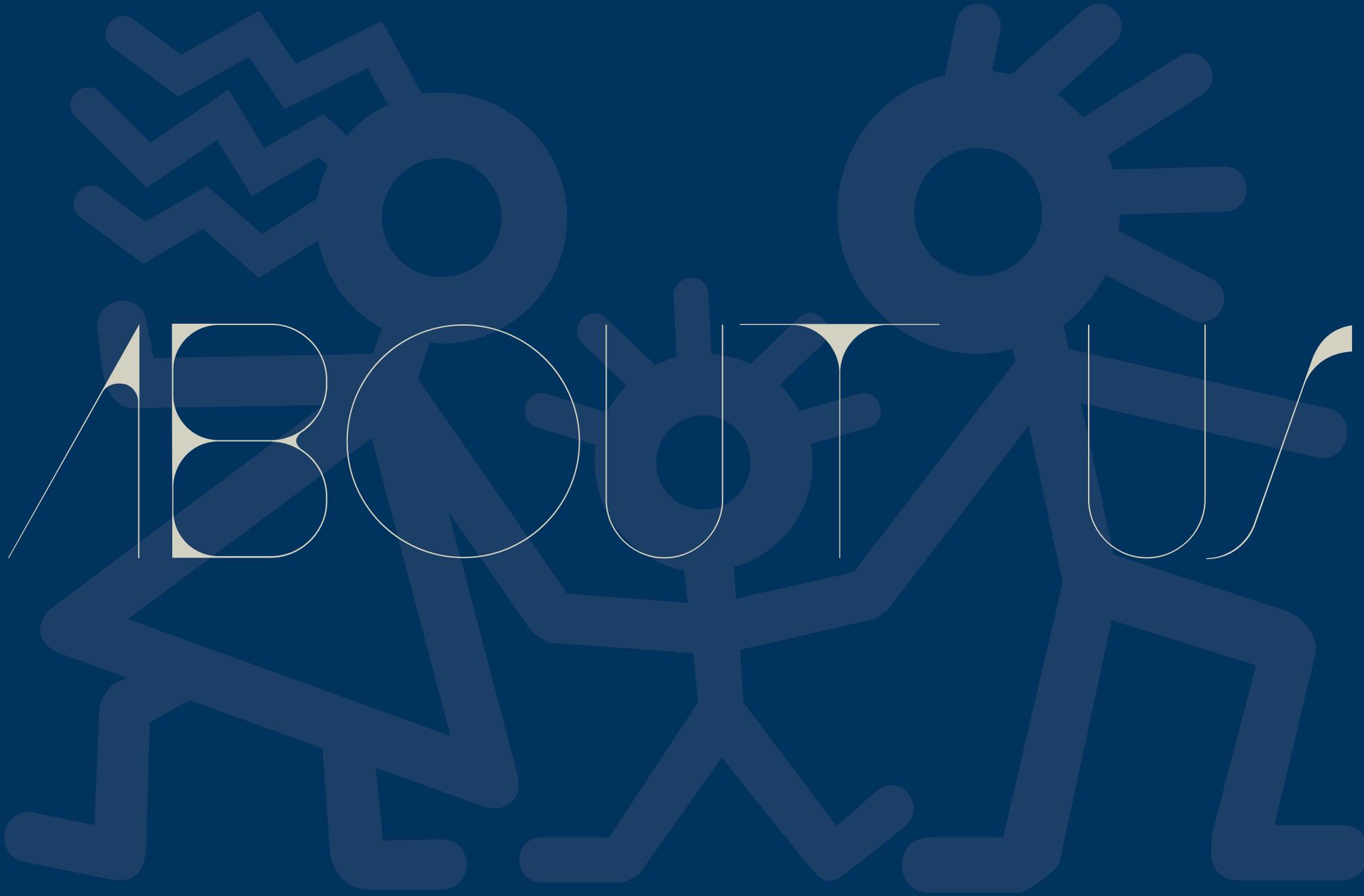
Submit your **Online Application**, paste your resume and any additional comments/questions in the area provided. [aiu.edu/apply-online.html](http://aiu.edu/apply-online.html)

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Honolulu, HI 96813

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808-924-9567 (Internationally)

ABOUT US



Atlantic International University offers distance learning degree programs for adult learners at bachelors, masters, and doctoral level. With self paced program taken online, AIU lifts the obstacles that keep professional adults from completing their educational goals. Programs are available throughout a wide range of majors and areas of study. All of this with a philosophically holistic approach towards education fitting within the balance of your life and acknowledging the key role each individual can play in their community, country, and the world.

### Accreditation



Atlantic International University is accredited by the Accreditation Service for International Schools, Colleges and Universities (ASIC). ASIC Accreditation is an internationally renowned quality standard for colleges and universities. Visit ASIC's Directory of Accredited Colleges and Universities. ASIC is a member of CHEA International Quality Group (CIQG) in the USA, an approved accreditation body by the Ministerial Department of the Home Office in the UK, and is listed in the International Directory of the Council for Higher Education Accreditation (CHEA). The University is based in the United States and was established by corporate charter in 1998.

Our founding principles are based on the United Nations Universal Declaration of Human Rights; per article 26, AIU believes that Higher Education is a Human Right. The University has implemented a paradigm shifting educational model for its academic programs that have allowed it to move closer to this goal through the self-empowerment of its students, decentralization of the learning process, personalized open curriculum design, a sustainable learning model, developing 11 core elements of the Human Condition within MYAIU, and utilizing the quasi-infinite knowledge through the use of information technology combined with our own capacity to find solutions to all types of global issues, dynamic problems, and those of individuals and multi-disciplinary teams. Due to these differentiations and the university's mission, only a reputable accrediting agency with the vision and plasticity to integrate and adapt its processes around AIU's proven and successful innovative programs could be selected. Unfortunately, the vast majority of accrediting agencies adhere to and follow obsolete processes and requirements that have outlived their usefulness and are in direct conflict with the university's mission of offering a unique, dynamic, affordable, quality higher education to the non-traditional student (one who must work, study what he really needs for professional advancement, attend family issues, etc.).

We believe that adopting outdated requirements and processes would impose increased financial burdens on students while severely limiting their opportunities to earn their degree and advance in all aspects. Thus, in selecting the ASIC as its accrediting agency, AIU ensured that its unique programs would not be transformed into a copy or clone of those offered by the

10,000+ colleges and universities around the world. Since ASIC is an international accrediting agency based outside the United States, we are required by statute HRS446E to place the following disclaimer: ATLANTIC INTERNATIONAL UNIVERSITY IS NOT ACCREDITED BY AN ACCREDITING AGENCY RECOGNIZED BY THE UNITED STATES SECRETARY OF EDUCATION. Note: In the United States and abroad, many licensing authorities require accredited degrees as the basis for eligibility for licensing. In some cases, accredited colleges may not accept for transfer courses and degrees completed at unaccredited colleges, and some employers may require an accredited degree as a basis for eligibility for employment. Potential students should consider how the above may affect their interests, AIU respects the unique rules and regulations of each country and does not seek to influence the respective authorities. In the event that a prospective student wishes to carry out any government review or process in regards to his university degree, we recommend that the requirements of such are explored in detail with the relevant authorities by the prospective student as the university does not intervene in such processes.

AIU students can be found in over 180 countries, they actively participate and volunteer in their communities as part of their academic program and have allocated thousands of service hours to diverse causes and initiatives. AIU programs follow the standards commonly used by colleges and universities in the United States with regards to the following: academic program structure, degree issued, transcript, and other graduation documents.



AIU graduation documents can include an apostille and authentication from the US Department of State to facilitate their use internationally.

### The AIU Difference

It is acknowledged that the act of learning is endogenous, (from within), rather than exogenous. This fact is the underlying rationale for "Distance Learning", in all of the programs offered by AIU. The combination of the underlying principles of student "self instruction", (with guidance), collaborative development of curriculum unique to each student, and flexibility of time and place of study, provides the ideal learning environment to satisfy individual needs. AIU is an institution of experiential learning and nontraditional education at a distance. There are no classrooms and attendance is not required.

### Mission & Vision

**MISSION:** To be a higher learning institution concerned about generating cultural development alternatives likely to be sustained in order to lead to a more efficient administration of the world village and its environment; exerting human and community rights through diversity with the ultimate goal of the satisfaction and evolution of the world.  
**VISION:** The empowerment of the individual towards the convergence of the world through a sustainable educational design based on andragogy and omniology.

### Organizational Structure

<b>Dr. Franklin Valcin</b> PRESIDENT/ACADEMIC DEAN	<b>Dr. José Mercado</b> CHIEF EXECUTIVE OFFICER CHAIRMAN OF THE BOARD OF TRUSTEES	<b>Ricardo González, PhD</b> PROVOST
<b>Dr. Ricardo Gonzalez</b> CHIEF OPERATION OFFICER AND MKT DIRECTOR	<b>Linda Collazo</b> LOGISTICS COORDINATOR	<b>Dr. Silvia Restorff</b> ACADEMIC ADVISOR
<b>Dr. Miriam Garibaldi</b> VICEPROVOST FOR RESEARCH	<b>Irina Ivashuk</b> ALUMNI ASSOCIATION COORDINATOR	<b>Dr. Prakash Menon</b> ACADEMIC ADVISOR
<b>Dr. Ofelia Miller</b> DIRECTOR OF AIU	<b>Carlos Aponte</b> TELECOMMUNICATIONS COORDINATOR	<b>Dr. Nilani Ljunggren De Silva</b> ACADEMIC ADVISOR
<b>Clara Margalef</b> DIRECTOR OF SPECIAL PROJECTS OF AIU	<b>David Jung</b> CORPORATE/LEGAL COUNSEL	<b>Dr. Scott Wilson</b> ACADEMIC ADVISOR
<b>Juan Pablo Moreno</b> DIRECTOR OF OPERATIONS	<b>Bruce Kim</b> ADVISOR/CONSULTANT	<b>Dr. Mohammad Shaidul Islam</b> ACADEMIC ADVISOR
<b>Paula Viera</b> DIRECTOR OF INTELLIGENCE SYSTEMS	<b>Thomas Kim</b> CORPORATE/ ACCOUNTING COUNSEL	<b>Dr. Edgar Colon</b> ACADEMIC ADVISOR
<b>Felipe Gomez</b> DESIGN DIRECTOR / IT SUPERVISOR	<b>Camila Correa</b> QUALITY ASSURANCE COORDINATOR	<b>Deborah Rodriguez</b> ACADEMIC TUTOR COORDINATOR
<b>Daritzza Ysla</b> IT COORDINATOR	<b>Maricela Esparza</b> ADMINISTRATIVE COORDINATOR	<b>Cyndy Dominguez</b> ACADEMIC TUTOR COORDINATOR
<b>Nadeem Awan</b> CHIEF PROGRAMMING OFFICER	<b>Chris Benjamin</b> IT AND HOSTING SUPPORT	<b>Kimberly Diaz</b> ADMISSIONS SUPPORT TUTOR
<b>Dr. Jack Rosenzweig</b> DEAN OF ACADEMIC AFFAIRS	<b>Chrisell Salas</b> ACCOUNTING COORDINATOR	<b>Amalia Aldrett</b> ADMISSIONS COORDINATOR
<b>Dr. Edward Lambert</b> ACADEMIC DIRECTOR	<b>Roberto Aldrett</b> COMMUNICATIONS COORDINATOR	<b>Sandra Garcia</b> ADMISSIONS COORDINATOR
<b>Dr. Ariadna Romero</b> ADVISOR COORDINATOR	<b>Giovanni Castillo</b> IT SUPPORT	<b>Jose Neuhaus</b> ADMISSIONS SUPPORT
<b>Nadia Gabaldon</b> ACADEMIC COORDINATOR	<b>Jaime Rotlewicz</b> DEAN OF ADMISSIONS	<b>Junko Shimizu</b> ADMISSIONS COORDINATOR
<b>Jhanzaib Awan</b> SENIOR PROGRAMMER	<b>Dr. Mario Rios</b> ACADEMIC ADVISOR	<b>Veronica Amuz</b> ADMISSIONS COORDINATOR
<b>Leonardo Salas</b> HUMAN RESOURCE MANAGER	<b>Michael Phillips</b> REGISTRAR'S OFFICE	<b>Alba Ochoa</b> ADMISSIONS COORDINATOR
<b>Benjamin Joseph</b> IT AND TECHNOLOGY SUPPORT		<b>Jenis Garcia</b> ADMISSIONS COUNSELOR
<b>Rosie Perez</b> FINANCE COORDINATOR		<b>Rene Cordon</b> ADMISSIONS SUPPORT
		<b>Chris Soto</b> ADMISSIONS COUNSELOR
<b>FACULTY AND STAFF PAGE:</b> <a href="http://www.aiu.edu/FacultyStaff.html">www.aiu.edu/FacultyStaff.html</a>		

**School of Business and Economics**



The School of Business and Economics allows aspiring and practicing professionals, managers, and entrepreneurs in the private and public sectors to complete a self paced distance learning degree program of the highest academic standard.

The ultimate goal is to empower learners and help them take advantage of the enormous array of resources from the world environment in order to eliminate the current continuum of poverty and limitations.

Degree programs are designed for those students whose professional

experience has been in business, marketing, administration, economics, finance and management.

**Areas of study:** Accounting, Advertising, Banking, Business Administration, Communications, Ecommerce, Finance, Foreign Affairs, Home Economics, Human Resources, International Business, International Finance, Investing, Globalization, Marketing, Management, Macroeconomics, Microeconomics, Public Administrations, Sustainable Development, Public Relations, Telecommunications, Tourism, Trade.

**School of Social and Human Studies**



The School of Social and Human Studies is focused on to the development of studies which instill a core commitment to building a society based on social and economic justice and enhancing opportunities for human well being.

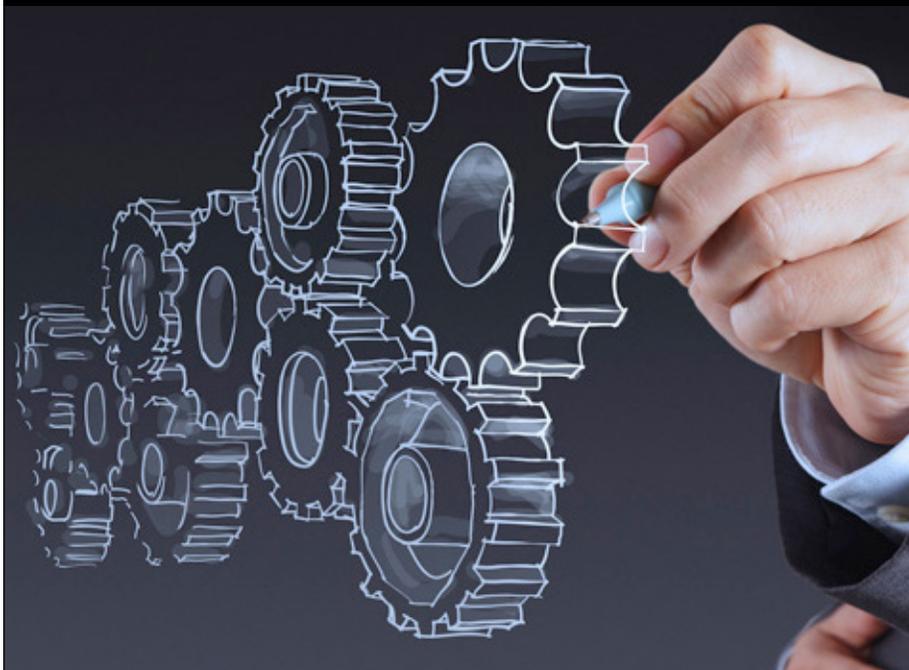
The founding principles lie on the basic right of education as outlined in the Declaration of Human Rights. We instill in our students a sense of confidence and self reliance in their ability to access the vast opportunities available through information channels, the world wide web, private, public, nonprofit, and nongovernmental

organizations in an ever expanding global community.

Degree programs are aimed towards those whose professional life has been related to social and human behavior, with the arts, or with cultural studies.

**Areas of Study:** Psychology, International Affairs, Sociology, Political Sciences, Architecture, Legal Studies, Public Administration, Literature and languages, Art History, Ministry, African Studies, Middle Eastern Studies, Asian Studies, European Studies, Islamic Studies, Religious Studies.

### School of Science and Engineering



### Online Library Resources



The School of Science and Engineering seeks to provide dynamic, integrated, and challenging degree programs designed for those whose experience is in industrial research, scientific production, engineering and the general sciences. Our system for research and education will keep us apace with the twenty-first century reach scientific advance in an environmentally and ecologically responsible manner to allow for the sustainability of the human population. We will foster among our students a demand for ethical behavior, an appreciation for diversity, an understanding of scientific investigation,

knowledge of design innovation, a critical appreciation for the importance of technology and technological change for the advancement of humanity.

**Areas of Study:** Mechanical Engineering, Industrial Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Computer Engineering, Physics, Chemistry, Biology, Mathematics, Communications, Petroleum Science, Information Technology, Telecommunications, Nutrition Science, Agricultural Science, Computer Science, Sports Science, Renewable Energy, Geology, Urban Planning.

With access to a global catalog created and maintained collectively by more than 9,000 participating institutions, **AIU** students have secured excellent research tools for their study programs.

The **AIU** online library contains over 2 billion records and over 300 million bibliographic records that are increasing day by day. The sources spanning thousands of years and virtually all forms of human expression. There are files of all kinds, from antique inscribed stones to e-books, from wax engravings to MP3s, DVDs and websites. In addition to the archives, the library **AIU** Online offers electronic access to more than 149,000 e-books, dozens of databases and more than 13 million full-text articles with pictures included. Being able to access 60 databases and 2393 periodicals with more than 18 million items, guarantees the information required to perform the assigned research project. Users will find that many files are enriched with artistic creations on the covers, indexes, reviews, summaries and other information. The records usually have information attached from important libraries. The user can quickly assess the relevance of the information and decide if it is the right source.

# Education on the 21<sup>st</sup> century

# AIU Service

AIU is striving to regain the significance of the concept of education, which is rooted into the Latin “educare”, meaning “to pull out”, breaking loose from the paradigm of most 21<sup>st</sup> century universities with their focus on “digging and placing information” into students’ heads rather than teaching them to think.

For AIU, the generation of “clones” that some traditional universities are spreading throughout the real world is one of the most salient reasons for today’s ills. In fact, students trained at those educational institutions never feel a desire to “change the world” or the current status quo; instead, they adjust to the environment, believe everything is fine, and are proud of it all.

**IN A WORLD** where knowledge and mostly information expire just like milk, we must reinvent university as a whole in which each student, as the key player, is UNIQUE within an intertwined environment.

This century’s university must generate new knowledge bits although this may entail its separation from both the administrative bureaucracy and the faculty that evolve there as well.

AIU thinks that a university should be increasingly integrated into the “real world”, society, the economy, and the holistic human being. As such, it should concentrate on its ultimate goal, which is the student, and get him/her deeply immersed into a daily praxis of paradigm shifts, along with the Internet and research, all these being presently accessible only to a small minority of the world community.

AIU students must accomplish their self-learning mission while conceptualizing it as the core of daily life values through the type of experiences that lead

to a human being’s progress when information is converted into education.

The entire AIU family must think of the university as a setting that values diversity and talent in a way that trains mankind not only for the present but above all for a future that calls everyday for professionals who empower themselves in academic and professional areas highly in demand in our modern society.

We shall not forget that, at AIU, students are responsible for discovering their own talents and potential, which they must auto-develop in such a way that the whole finish product opens up as a flower that blossoms every year more openly.

**THE AIU STANCE** is against the idea of the campus as a getaway from day-to-day pressure since we believe reality is the best potential-enhancer ever; one truly learns through thinking, brainstorming ideas, which leads to new solutions, and ultimately the rebirth of a human being fully integrated in a sustainable world environment. Self-learning is actualized more from within than a top-down vantage point, that is to say, to influence instead of requesting, ideas more than power. We need to create a society where solidarity, culture, life, not political or economic rationalism and more than techno structures, are prioritized. In short, the characteristics of AIU students and alumni remain independence, creativity, self-confidence, and ability to take risk towards new endeavors. This is about people’s worth based not on what they know but on what they do with what they know.

*Read more at: [aiu.edu](http://aiu.edu)*

AIU offers educational opportunities in the USA to adults from around the world so that they can use their own potential to manage their personal, global cultural development. The foundational axis of our philosophy lies upon self-actualized knowledge and information, with no room for obsolescence, which is embedded into a DISTANCE LEARNING SYSTEM based on ANDRAGOGY and OMNIOLOGY. The ultimate goal of this paradigm is to empower learners and help them take advantage of the enormous array of resources from the world environment in order to eliminate the current continuum of poverty and limitations.

This will become a crude reality with respect for, and practice of, human and community rights through experiences, investigations, practicum work, and/or examinations. Everything takes place in a setting that fosters diversity; with advisors and consultants with doctorate degrees and specializations in Human Development monitor learning processes, in addition to a worldwide web of colleagues and associations, so that they can reach the satisfaction and the progress of humanity with peace and harmony.

### Contact us to get started

Now, it’s possible to earn your degree in the comfort of your own home. For additional information or to see if you qualify for admissions please contact us.

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### Online application:

[www.aiu.edu/apply3\\_phone.aspx](http://www.aiu.edu/apply3_phone.aspx)