

# CAMPUS *mundi*

#61

Santiago is the capital and largest city of Chile as well as one of the largest cities in the Americas. Its cityscape is shaped by several stand-alone hills and the fast-flowing Mapocho River, lined by parks. The Andes Mountains can be seen from most points in the city.

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+ Technology + Art + Design + Body + Mind + Spirit + Environment +  
Human rights + Animal rights + Infrastructure + About AIU**



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**Campus Mundi**  
MY AIU MAGAZINE  
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choose  
the contents  
of this magazine  
with you  
in mind  
—to inspire you  
and make you  
**think**

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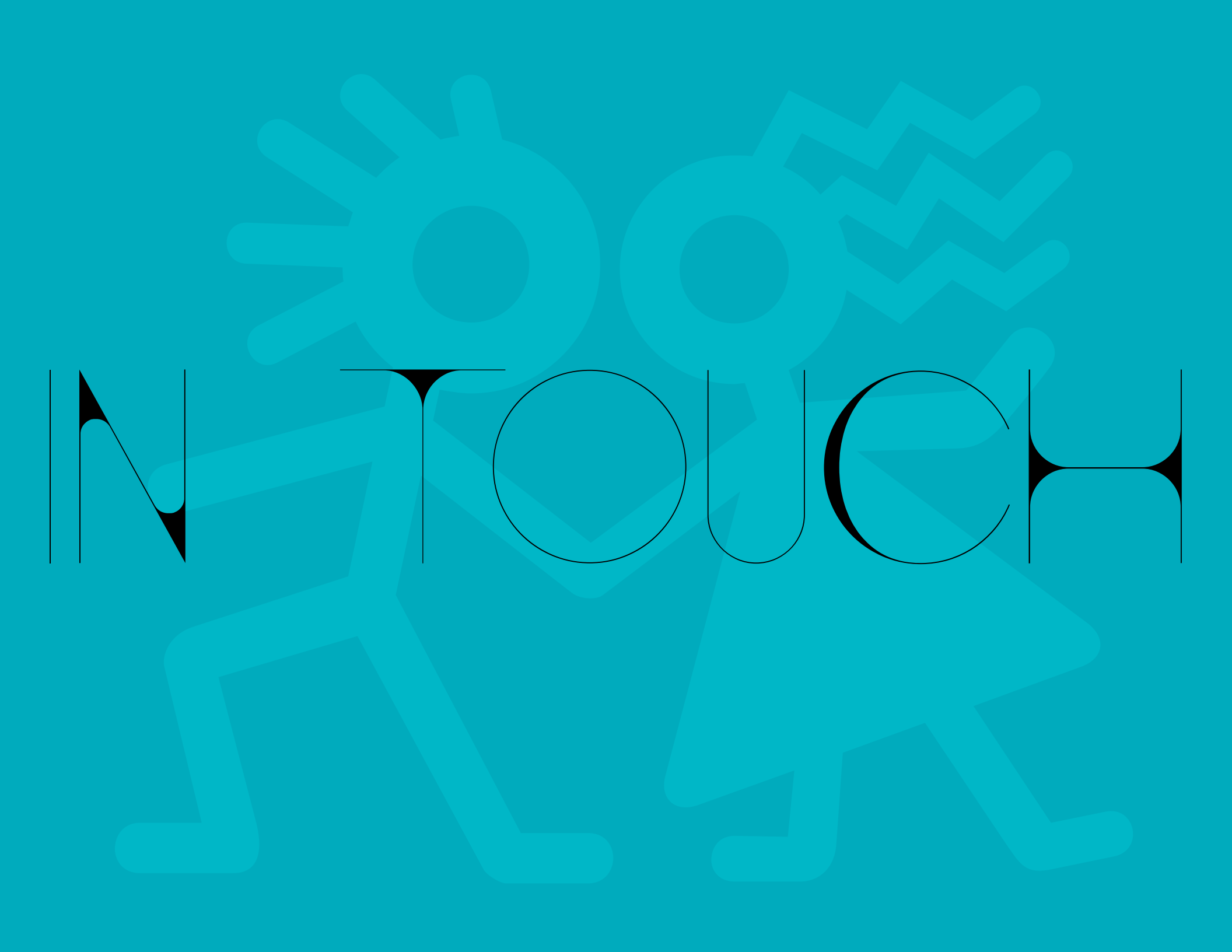
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IN TOUCH

## Successful company



NOVEMBER 13, 2018. One of our graduates, **Fred Kasongu**, owns FRECA, a heavy machin-

ery construction company. **Freca Mining and Manufacturing Ltd** has been in the industry for over 11 years now. The company deals into mining, transport, hired labour, civil, construction, electrical, mechanical and Block manufacturing.

The company labour force has over the years grown extremely big from a handful number of employees to over 1500 employees. However, **Freca Mining Ltd** has currently extended its work activities to other independent companies like Lumwana Mine, a company owned and operated by Barrick, an Australian Pacific

and Canadian based organisation and Kalumbila Mine.

**Freca Mining and Manufacturing Limited** is one of the five contractors that have been contracted by Kansanshi Mining Plc to construct over 3000 homes at the Kabitaka Ridge Housing Development. **Freca** will construct 100 houses in the first phase that will see 380 homes completed in 12 months' time. This phase will cost \$ 4 Million. In the second phase **Freca** will then construct 600 houses at a cost of \$ 24 Million. ...

You can read more about this company here: <http://www.freca mining.com>

**Fred Kasongu** completed a Bachelor's, Master's and Doctorate program with us at **AIU**, and is currently completing his Post-Doctorate program in Mining Management.



## Exemplary Mother Award

NOVEMBER 5, 2018.

The mother of **Sivara-jasingam Mahendran**, one of our graduates, was conferred a special recognition award for being an exemplary mother by the President of Singapore, Her Excellency, **Mdm Halimah** and **Jamiyah Singapore** (a not for profit self-help Muslim group). The news has appeared in their local **Straits Times** newspaper.

His mother was the main



motivating factor to complete his Doctoral studies at **AIU** and she always exhorted him and his siblings to keep on learning for life and climbing the ladder of success. She has always been their best motivator and nurtured them through the years after his (late) father passed on, since 1985.

The Exemplary Mother Award honours mother, regardless of race or religion,

for their dedication in making a difference to their family and community. The chosen Exemplary Mother will have her name inscribed on the Presidential Shield that goes for 12 rounds each.

**Sivara-jasingam Mahendran** completed a Doctorate program of Education at **AIU**.

Dr. **Siva** wrote a poem in recognition of her dedication and motherly love. You can read it here: <https://aiu.edu/news.aspx?itemid=1154>

## Thesis



OCTOBER 23, 2018. One of our graduates, **Addis-Alem Belay**, wrote his thesis on:

**"The Influence of Leadership Style and Staff Retention in UK Public Sector"**, and it has been published.

You can read his work here: [http://www.aiu.edu/applications/DocumentLibraryManager/upload/82478\\_PhD%20HRM%20AND%20FINANCE%2017-08-2018.pdf](http://www.aiu.edu/applications/DocumentLibraryManager/upload/82478_PhD%20HRM%20AND%20FINANCE%2017-08-2018.pdf)

**Addis** completed a Doctor of Philosophy, PhD program with a major in Human Resources Management at **AIU**.

## Graduated with Honors

NOVEMBER, 2018.

This graduate student completed the majority of the requirements to obtain honors, which included a 4.0 GPA, published works, recommendation from his advisors, patent a product, etc.  
**Congratulations!**



**CUM LAUDE**

**Fiorella Donado Osío**

Doctorate of Literature in Latin American Language and Culture



# Seafarer proposes sea transport system



BY JOHANNA MARIE O. BAJENTING. **SUNSTAR CEBU**. NOVEMBER 18, 2018. For a returning seafarer, sea trips are an option for commuters struggling to get to work on time.

This is what **Nelson Mejia Jr.**, 27, envisioned when he presented his startup idea at the business plan competition organized by the 2018 National Reintegration Center for OFWs

(overseas Filipino Workers) (NRCO) and the Integrated Seafarers of the Philippines.

"To emphasize my point of how extremely challenging it is for the commuting public to get a ride in Cebu City, I even highlighted in my video the non-peak hours from 11 a.m. to 2 p.m., when most assume that the traffic condition during these hours is light and

manageable. But it turned out that getting a ride even during what is considered non-rush hours is still very inconvenient and tough," he said.

His proposal entitled, "**Metro Cebu Express: A Water Bus Liner Service**," aims to ease the difficulties faced by the riding public due to traffic congestion in the city.

**Mejia**, who represented Central Visayas, bested nine other contestants during the national competition.

The idea involved the maritime shipping industry in providing a solution to the growing concern of traffic.

With the use of water vessels, **Mejia** proposed to ferry passengers from Pier 3 in Cebu City to Talisay City and vice versa.

He said he will launch the design of the vessel by the first week of December.

**Mejia** said that during the contest, he made sure to interact with the panel of judges to highlight his points and not just merely present his report.

"I saw to it that the presentation of my business plan was interactive, involving the participation of the members of the panel of judges. I did not want to appear as if I was

just merely reporting to them. I wanted them to realize in the process, the potential and viability of my business proposal in reducing the burden of the ordinary commuters, who struggle to get a ride in the midst of the worsening traffic conditions in Cebu," he said.

**Mejia** has a doctorate in maritime affairs from the **Atlantic International University** in Hawaii.

Department of Labor and Employment 7 Director **Johnson Cañete** said **Mejia's** business idea showed potential by taking advantage of the sea to provide commuters an alternative and to decongest the major highways.

"There is a pressing need,

not only for government, but also for the rest of our constituents to help devise and introduce any business idea that would also serve as a plausible solution to some of our perennial problems. And what Dr. **Mejia** recommended has a big potential in decongesting the influx of commuters at the national highway, thereby solving our traffic situation," he said, in a press release.

**Mejia** received a P500,000 cash prize and will also be prioritized for possible grants and access to preferential business loan funding from the NRCO and its partners. (S)

Source: <https://www.sunstar.com.ph/article/1774633/Cebu/Business/>

Seafarer-proposes-sea-transport-system



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

# Graduates of the month



## NOVEMBER 2018

**Joao Paulo Rosa**  
MASTER OF SCIENCE  
*ENVIRONMENTAL HEALTH AND SAFETY*  
ANGOLA

**Dulce Manuela Antunes de Oliveira**  
DOCTOR OF PHILOSOPHY  
*HUMAN RESOURCES*  
ANGOLA

**Luis Alberto Del Valle Weckesser**  
BACHELOR OF SCIENCE  
*PORTS SAFETY AND ANTITERRORISM*  
ARGENTINA

**Marcelo Ramón Mannú**  
MASTER OF SCIENCE  
*POLITICAL SCIENCE*  
ARGENTINA

**Ngolong Emmanuel Jonas**  
MASTER OF SCIENCE  
*NUTRITION SCIENCE*  
CAMEROON

**Ohagwu Onyinye Emmanuel**  
MASTER OF SCIENCE  
*COMPUTER SCIENCE*  
CANADA

**Djerandouba Yotobumbeti**  
DOCTOR OF SOCIAL AND HUMAN STUDIES  
*PUBLIC HEALTH*  
CHAD

**Jorge Marcelino Navarro Gallardo**  
BACHELOR OF SCIENCE  
*CIVIL ENGINEERING*  
CHILE

**Carlos Ramos Carrillo**  
MASTER OF EDUCATION  
*LINGUISTICS*  
COLOMBIA

**Fiorella Donado Osío**  
DOCTOR OF LITERATURE  
*LATIN AMERICAN LANGUAGE AND CULTURE*  
COLOMBIA

This month we have graduates from: Angola · Argentina · Cameroon · Canada · Chad · Chile · Colombia · Germany · Guatemala · Kenya · Netherlands Antilles · Nigeria ·



**Ricardo Alberto Prieto Erazo**  
MASTER OF SCIENCE  
*MECHANICAL ENGINEERING*  
COLOMBIA

**Orlando Oscar Pasin Azerrad**  
BACHELOR OF SCIENCE  
*ARCHITECTURE*  
GERMANY

**Carlos Alberto Orozco Orozco**  
MASTER OF BUSINESS ADMINISTRATION  
*BUSINESS ADMINISTRATION*  
GUATEMALA

**John Patrick Oketch**  
MASTER OF SCIENCE  
*CHEMICAL ENGINEERING*  
KENYA

**Karine Kimberly Alexandra Meyers**  
MASTER OF BUSINESS ADMINISTRATION  
*MARKETING*  
NETHERLANDS ANTILLES

**Mela Bamiji**  
BACHELOR OF ARTS  
*INTERNATIONAL BUSINESS*  
NIGERIA

**Chukwu, Chinedu Jude**  
DOCTOR OF PROJECT MANAGEMENT  
*PROJECT MANAGEMENT*  
NIGERIA

**Douglas Doe Audu**  
BACHELOR OF SCIENCE  
*ENERGY*  
NIGERIA

**Akinola Oladipo Akinsola**  
DOCTOR OF MANAGEMENT  
*STRATEGIC MANAGEMENT*  
NIGERIA

**Segun Oyeniyi**  
MASTER OF SCIENCE  
*INFORMATION TECHNOLOGY*  
NIGERIA

**Hoodo Abdillahi Mohammed**  
BACHELOR OF INTERNATIONAL RELATIONS  
*ECONOMIC DEVELOPMENT & POLITICS*  
NORTH SOMALIA

**Roberto Martínez Suarez**  
DOCTOR OF PHILOSOPHY  
*HEALTHCARE ADMINISTRATION*  
PUERTO RICO

**Ajayi Oluwakemi Deborah**  
DOCTOR OF PHILOSOPHY  
*INTERNATIONAL RELATIONS*  
RUSSIA

**Peter Nuyaba Sam-Kpakra**  
MASTER OF ARTS  
*PROJECT MANAGEMENT*  
SIERRA LEONE

**David Ayaga Aburko**  
BACHELOR OF SCIENCE  
*PUBLIC HEALTH*  
SOUTH SUDAN

**Sergio Gracia Ledesma**  
BACHELOR OF SCIENCE  
*CIVIL ENGINEERING*  
SPAIN

**Thelma Khombi Nkonde**  
DOCTOR OF SCIENCE  
*PUBLIC HEALTH*  
SWAZILAND

**Yeliz Daşan**  
BACHELOR OF SCIENCE  
*BUSINESS ADMINISTRATION*  
TURKEY

**Mulumba Julius**  
DOCTOR OF SCIENCE  
*STRUCTURAL ENGINEERING*  
UGANDA

**Edward Mike Ndawula**  
MASTER OF SCIENCE  
*ELECTRICAL POWER SYSTEMS ENGINEERING*  
UGANDA



Image: www.washingtonexaminer.com

**Khaled M. Elabed**  
MASTER OF SCIENCE  
*POLITICAL SCIENCE*  
UNITED ARAB EMIRATES

**Gastón Adrian Pagano Peralta**  
ASSOCIATE OF BUSINESS ADMINISTRATION  
*MARKETING*  
URUGUAY

**Manuel José Ostia Lasso**  
BACHELOR OF SCIENCE  
*PSYCHOLOGY*  
USA

**Yenny A. Ramirez**  
MASTER OF ARTS  
*INTERIOR DESIGN*  
USA

**Alaa A. El-Halwagy**  
DOCTOR OF BUSINESS ADMINISTRATION  
*BUSINESS ADMINISTRATION*  
USA

**Martha Ximena Niembro Nieto**  
BACHELOR OF SCIENCE  
*NUTRITION*  
USA

**William A. Rorech**  
BACHELOR OF SCIENCE  
*ELECTRICAL ENGINEERING*  
USA

**Isaac Changaya**  
BACHELOR OF METROLOGY  
*LEGAL METROLOGY*  
ZAMBIA

**Mildred Lwanga Mwansa Mwila**  
MASTER OF INTERNATIONAL RELATIONS  
*INTERNATIONAL RELATIONS*  
ZAMBIA

**Charles Mutangirwa**  
DOCTOR OF BUSINESS ADMINISTRATION  
*BUSINESS ADMINISTRATION*  
ZIMBABWE

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**Interviews:** [www.aiu.edu/Graduation/grids/interviews.html](http://www.aiu.edu/Graduation/grids/interviews.html)

FIND MORE TESTIMONIALS FROM AIU STUDENTS HERE: [www.aiu.edu/Testimonials.aspx](http://www.aiu.edu/Testimonials.aspx)

**Hendick Henzilzs Silien**  
Master of Education  
October 23, 2018

**“I**, Mr. Hendick Henzilzs Silien writing to express my experience as a student studying online with **Atlantic International University**. Studying online have given me a challenge that the information, tasks, feedbacks which was send from my tutor, advisor, academic department and admission advisor that made me to graduate with a higher note.

That boast my carrier to continue with my Doctorate with **AIU** again the next coming months.

It is a grateful opportunity to study with **AIU** which develop my thinking capacity with my studies.

I do face challenges with tuition fees but that never let me down with my studies. And I will be graduating with my Master Degree in Music.

And I am ready to graduate on March, 2019.

I am very, very happy to be part of **Atlantic International University**.

Thank you



**Ezekiel Mutopa**  
Bachelor of Mining Engineering  
October 31, 2018

**“M**y AIU experience has been exhilarating and interesting, amazing. I have grasped and learned many things in the course of my academic degree programme. **AIU** is a very welcoming place for different people from different backgrounds. My classes were great and enjoyed every bit of them. The depth and detail of what I was learning is far beyond my education experience in my home country.

I managed to acquire knowledge on various aspects of mining engineering and managed to implement the knowledge that I gained at work and still sharing the knowledge and skills with others to create a better world.

My experience at **AIU** has given me the chance to sharpen my skills in my field of choice. There have been, and there will continue to be many opportunities to learn more ways of improving mining engineering as a result of my time at **AIU**.

I discovered that I still have a long way to go in terms of learning and look forward to do masters with **AIU** to further my knowledge in mining engineering.



**Jamil Ibrahim Othman Falatah**  
Doctor of Education  
January 14, 2012

**“M**y participation with **AIU** was of multi dimensions covering personal, academic, and experience confines. The nature and relationship with **AIU** rendered me with factors that enhanced my personal qualifications as these factors supported recurrent and fixed mechanisms dominated my daily programs for over more than three years.

Regularly, I kept working on my assignments that became my first concern. Such involvement with writing, revising, and rewriting **AIU** assignments gave me both benefit and pleasure as my time became filled with duty and exploration.

Regular contacts with my advisor and my tutor promoted confidence in my character as their remarks were both objective and friendly and closely associated not only with knowledge accumulation but also with personal conduct serving communication.

My experience with **AIU** extends to the gaining of academic utility as this experience was rich in structure and was broad in scope. I had several contacts with an academic atmosphere provided me with knowledge of principles...

Read full text: <https://aiu.edu/Testimonials.aspx?ItemID=812&rcid=73&pcid=63&cid=73>



**Joyce Mudhungu**  
Doctor of Science in Management  
January 24, 2012

**“A**IU, thank you for the chance you gave me to be part of you for the last four years. It has been an exciting, and challenging time for me due to the fact that I was encountering a new career in my life. It has been a very great experience though.

The program has driven me into a social achievement which I was lacking before. Now I believe I joined the ranks of the select group committed to build fundamental changes in our world destiny.

I strongly believe that to God's miracles there is no end and therefore one should never give up while still alive.

Yes, as it is written in the bible that “all things are possible to those who believe and are strong willed to finding an answer to their questions.”

I thank all my academic advisors, and counselors who have tolerated me in all ways, and have been there for me all the time.

I now have insight in the day-to-day running of events, and I have learnt to be *laissez-faire*.

God bless **AIU**.



# What is educational technology?

Akubue Innocent Emeka | Doctor of Educational Technology | Abstract



Image: edutechx.blogspot.com

the achievement of predetermined instructional objectives and sub-systems that interact to achieve educational goals." In educational technology, instructional materials of various types are produced and used for effective teaching-learning activities. It makes lessons real, concrete, nearer home and clearer.

(iii) According to **Sandoval, V. For-lan** (2010), Educational Technology, also called Learning Technology, is the study and ethical practice of facilitating learning and improving performance by creating, using and managing appropriate technological processes and resources, it includes other systems used in the process of developing human capability.

(iv) The Educational Technology Act of US Congress, quoted in **Grayson**, (1972: 883), also, quoted in **Unwin, D.** and **McAleese** (1978), defined Educational Technology all the hardware and software, including television, radio, electronic classroom, instructional devices, still and motion picture projectors, computer-assisted or managed instructional equipment and materials, communications

Various attempts have been made by scholars to define the term “Educational Technology”. A few of these definitions are presented below as follows:

(i) The Association of Educational Communication and Technology (AECT, 1979) defines educational technology as "a complex, integrated process involving people, procedures,

ideas, and organization for analyzing problems and devising, implementing, evaluating and managing solutions to those problems involved in all aspects of human learning".

(ii) According to Davies (1978), educational technology is "the development and presentation of instructional content using learning theories with the aim of promoting

equipment for educational application, and other equipment and materials"... necessary to assist the process of learning. This definition restricts the meaning of educational technology to instructional media, with emphasis on the gadgets used in learning. The concept of technology in education is seen in terms of physical products.

**(v) Tickton, (1970:21)** quoted in **Agun, and Imogie, (1988:2)**, defined Educational Technology as a systematic way of designing, carrying out and evaluating the total process of learning and teaching in terms of specific objectives, based on research in human learning and communication, and employing a combination of human and non-human resources to bring about more effective instruction. In this definition, Educational Technology is defined in terms of the product and process of technology as a way of organizing materials and men.

**(vi) Gagne (1968: 6)** quoted in **Unwin, D & McAlesee (1978:313)**, defined Educational Technology as the development of a set of systematic techniques, and accompanying practical knowledge for designing, testing and operating schools as educational systems. ...It draws upon many disciplines, including those

which design work space, like architecture,... equipment, like physical sciences; social environments, like sociology and anthropology ... administrative procedures, like the science of organizations and conditions effective learning, like psychology. This definition draws attention to the various fields that contribute to educational technology.

**(vii) Rowntree, D, (1974: 2)**, defined Educational Technology as being concerned with designing the system as a whole; identifying aims and objectives, planning the learning environment, exploring and structuring the subject matter, selecting appropriate teaching strategies and learning media, evaluating the effectiveness of the learning system and using the insights gained from evaluation to improve that effectiveness for the future... This definition outlines the various operations that are carried out in the field of educational technology.

The need for standard definitions and terms in the field of educational technology has been the concern of the Association for

Educational Communication and Technology in the United States of America (A.E.C.T.). After 14 years of research work, the Association came up with the most acceptable and professional definition of educational technology as follows:

**(viii) Educational Technology** is a complex, integrated process involving people, procedures, ideas, devices, and organization for analyzing problems, and devising, implementing, evaluating and managing solutions to those problems involved in all aspects of learning. In educational technology, the solutions to problems take the form of all the "Learning Resources" that are designed and/or selected as Messages,

People, Materials, Devices, Techniques and Settings. The process for analyzing problems and devising, implementing and evaluating solutions and identified by the "Educational Development Functions" of Research, viz - Theory, Design, Production, Evaluation, Selection, Logistics, and Utilization. The processes of directing or coordinating one or more of these functions are identified by the "Educational Management Functions" of Organization, Management and Personnel Management.

From these definitions, one can make the following deductions about Educational

Technology:

**(i)** It involves not only devices, equipment, and media but also people, procedures, ideas and organization.

**(ii)** Emphasis is placed on a systematic process of analyzing problems and devising, implementing, evaluating and managing solutions to the identified problems.

**(iii)** Educational technology employs an integrated, holistic, problem-solving approach.

**(iv)** The kind of problems that concerns educational technology are those problems that pertain to all aspects of human learning. It is concerned with the total educational environment not only with its components.

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

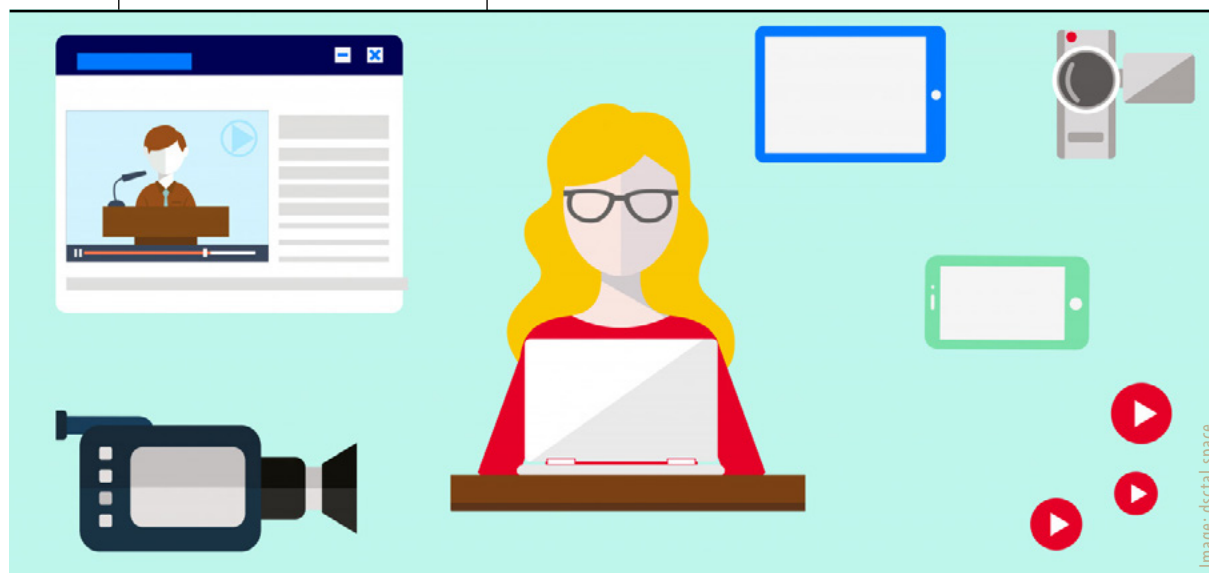


Image: dsctal.space



# Ilya Prigogine, dissipative structures or Theory of chaos and happiness



Image: www.bioriposo.net

When we are reading the headline of this article and we think: this scientist, who is him? What has happiness to do with him?

I start looking for who is or was **Ilya Prigogine** and increases my curiosity because what have to do so-called Hard Sciences with what is happiness that is considered a concept within the Human Sciences. I like the relationship because I like mathematics.

Let's see what the Hard Sciences have to do with Human Sciences; first of all who was **Ilya Prigogine**.

**Ilya Prigogine** was one of the great scientists of the last century who even received a Nobel Prize.

**Prigogine** was a scientist born in Russia, naturalized Belgian, who worked in Chemistry and Physics. Born in Moscow in 1917, he studied Chemistry and Physics at the

Brussels University and received his PhD degree in 1941.

He devoted himself to the study of irreversible phenomena by creating new concepts such as dissipative structures. He received the Nobel Prize in Chemistry in 1977 for his work in Physics.

**Prigogine** is one of the scientists who works in science and considers that determinism, as "this is a consequence of this and nothing else", does

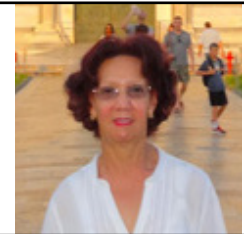
not happen with the certainty that had been considered in science. Science is still divided among the scientists who support determinism, measurement and those who put it on.

"As far as we know, some phenomena are adequately described by deterministic equations, as is the case with planetary movements, but others, such as biological evolution, involve stochastic processes". (*PRIGOGINE, 2009, P. 23*).

According to **Prigogine**, in sciences there are aspects that are measurable, that remain constant, and others, the stochastic, which varies by elements, such as time.

The fundamental concept of the **Prigogine** proposal is to distinguish phenomena in the sciences that are not kept constant to be measurable and that the same system can always be applied.

What this says is just an illusion? That the sciences were developed thanks to the deterministic system, thanks to introducing mathematics to measure, but that same science that created its



By Dr. Rosa Hilda Lora M.  
Advisor at AIU | [rosa@aiu.edu](mailto:rosa@aiu.edu)

development and found new elements of knowledge also has to look for new ways of determining what is considered scientific.

Faced with these new discoveries of the behavior of what nature offers, new concepts must be created such as: fluctuations, irreversibility and finally what he called "dissipative structures".

He tells us: "Our world is a world of changes, exchanges and innovation. To understand it, a theory of the processes, of the times of life, of the principles and of the ends is necessary; we need a theory of qualitative diversity, of the emergence of the qualitatively new". (*PRIGOGINE, 2009, PP. 70-71*).

**Prigogine** is one of the scientists whose works integrate the

quantitative with the qualitative. He accepted the measurement offered by mathematics but his thought was always that there are other phenomena that need more explanation than mathematics. He worked in the fields of physics and chemistry but considered that it was necessary to look for ways for other phenomena that already existed in the field of those sciences.

His thought also took him to the social and explained the society within his great research: "THE DISSIPATIVE STRUCTURES" or THEORY OF CHAOS.

**Prigogine** said: "It is evident that a society is a non-linear system in which what each individual does has repercussions and is amplified by the effect of the socius. This characteristic has increased dramatically as a result of the

intensification of exchanges of all kinds". (*PRIGOGINE, 2009, pp. 56-57*).

Within the social the human and happiness is given in the human being.

According to **Prigogine** dissipative structures are processes of self-organization within a system that is altered by the influx of fluctuations.

"Indeed, when, instead of disappearing, a fluctuation increases within a system, beyond the critical threshold of stability, the system expresses a deep transformation, adopts a completely different mode of operation, structured in time and space, functionally organized. What then emerges is a process of self-organization, what we have called "dissipative structures". (*PRIGOGINE, 2009, p. 89*).

About life, he said:

"Life is certainly one of the

most amazing manifestations of this universal arrow of time. From this point of view, we can consider it as a consequence of the existence of irreversible processes, but what I want to highlight is that life, in turn, transmutes this own situation, intrinsic to the rupture of symmetry, to objects of the physical world that, without their intervention, they would have a symmetrical temporal behavior". (*PRIGOGINE, 2009, pp. 131-132*).

Now begin the application to life and to the happiness of dissipative structures.

As human beings we are a system, a system that is related to other systems such as: the governments, the culture of which we are part, the friends and our first system; parents.

According to **Prigogine's** proposal, we are open systems because we are related, we let fluctuations in and these fluctuations break the balance and a new organization and a new state is created.

What we have to do to build our happiness is to identify and know what fluctuations will make us self-organize better and better.

Happiness, what is it? Happiness is growth and the opportunity to achieve it. To have an education throughout life, to have a decent home, to have the necessary medical

assistance, to have the opportunity of a job with just compensation.

When we are far from being happy, it is because we let in our system, in our life, negative fluctuations, that make us self-organize towards aspects that are far from giving us satisfactions to the conditions that make the human being welfare to be better and therefore be happy.

We can be self-destructing or we can do every human aspect better day by day.

We can think that living in this or the other culture, whose sign is violence, there is no possibility of self-organizing to be happy.

We can do it; what will happen to us is: it will take us more effort to maintain inner peace to choose the best to live satisfied with what we are and on the way to growth as a human being.

In this stage of your life, who are you?

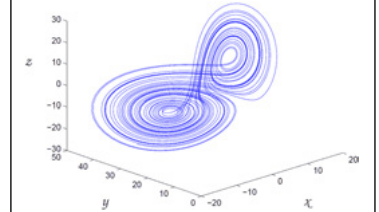
Do you identify who are you as a human being?

Do you identify the systems with which you relate?

Do you identify what goals you want to achieve?

Do you know what can you do to not self-destruct?

Do you have enough will,



The way that a fluctuation enters to a system; the system self-organizing and changes in relation to what it was.

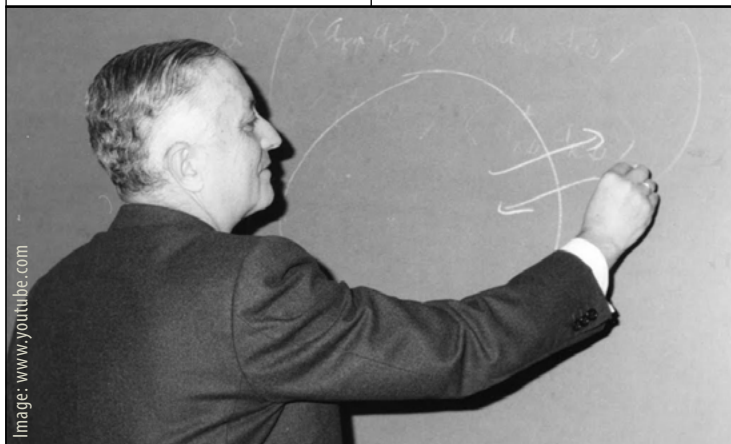
to not let in to the system that you are, the negative fluctuations they come from wherever they come?

What will you do so that the fluctuations that enter in the open system that you are should be the best for self-organization to be for your happiness?

Go ahead! Let's build our happiness! We are going to generate self-organization, we are going to go through the chaos that is the changes that are taking place until the balance is broken and we reach the new structure that allows us to be happy!

We are living in fluctuations everywhere and it seems that they bring us into chaos; it depends on us to organize ourselves in such a way that despite this chaos we are building our happiness.

Let's do it! Goodbye to destructive chaos and it comes the chaos of self-organization to be happy!



Ilya Prigogine explaining the entrance of fluctuations to a system.

**BIBLIOGRAPHY.** Prigogine, I. (2009). ¿Tan solo una ilusión?. Barcelona: Tusquest Editores.



# Importance of Your Originality

Edward Lambert | AIU Academic Coordinator

## STUDY TIPS

Image: talkroute.com

In these days where information is digital, it is easy to copy text from other sources into an assignment. It is not good to copy text from sources. Why?

The advisors at **Atlantic International University** do not want to read the words of another person. They want to read words that come from your life experience, from your brain, from your soul.

The advisors want to see your life in your essays. They want to see that the knowledge is passing through your brain and finding its own expression within you. They want to see your

soul. They want to perceive your experience of life on this earth.

The only way to see you and your life is by reading your own words.

At **AIU**, we want to read about your community. We want to know about where you live and where you work. We want to see that you are applying the knowledge to your community. It is good to include case examples from your community or work in your assignments.

If you write about your community, you will certainly write with your own words.

It is important to note **AIU** uses a very efficient internet service to evaluate the originality of an assignment.

We do not want to see more than 30% of your work coming from other sources. We use 30% as the standard for the internet evaluation because some text is likely to be found in other writings even though it is original to

you. So we give you some leeway.

However, you should write your assignments using your own words.

If you are a student that is not confident in your English, it is still best to write in your own words. Your original words will be appreciated more, even if they are not written in perfect English. We want to hear your voice through your words.

At **AIU**, we see all students as unique and unrepeatable. We recognize your originality as a person on this earth and in your community.

So, be original. Be yourself. Write with your own words.



LEARNING





## Storytelling

Our brains become more active when we tell stories.

For over 27,000 years, since the first cave paintings were discovered, telling stories has been one of our most fundamental communication methods. Recently a good friend of mine gave me an introduction to the power of storytelling, and I wanted to learn more. Here is the science around storytelling and how we can use it to make better decisions every day.

We all enjoy a good story, whether it's a novel, a movie, or simply something one of our friends is explaining to us. But why do we feel so much more engaged when we hear a narrative about events? It's in fact quite simple. If we listen to a powerpoint presentation with boring bullet points, a certain part in the brain gets activated. Scientists

call this Broca's area and Wernicke's area. Overall, it hits our language processing parts in the brain, where we decode words into meaning. And that's it, nothing else happens.

When we are being told a story, things change dramatically. Not only are the language processing parts in our brain activated, but any other area in our brain that we would use when experiencing the events of the story are too. If someone tells us about how delicious certain foods were, our sensory cortex lights up. If it's about motion, our motor cortex gets active: "Metaphors like "The singer had a velvet voice" ...

*Read full text: <https://lifehacker.com/5965703/the-science-of-storytelling-why-telling-a-story-is-the-most-powerful-way-to-activate-our-brains>*

## Snapchat dysmorphia and the real dangers of perceived flaws.

**S**napchat Dysmorphia. *n.* A fixation on perceived flaws in one's appearance, caused by seeing too many filtered photos.

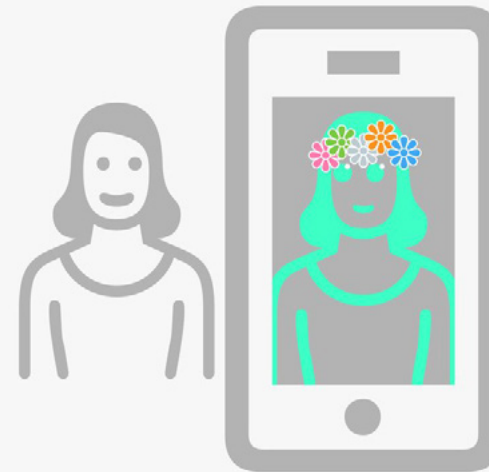
People used to show up in plastic surgeons' offices with photos of movie stars, asking for **Angelina's** lips or **Jon Hamm's** chin. Today they come with selfies, asking to look like themselves. Not the human selves that mock us all in fitting-room mirrors, of course, but the sparkling, digitally embellished versions that increasingly populate our social feeds.

On platforms like Snapchat and Instagram, users now routinely deploy filters and tools like Facetune for selfie-improvement, fashioning reflections that better capture their true inner

beauty. Swipe away acne or wrinkles. Swipe again for big soulful eyes, a thinner nose. You can even change the shape of your face.

Such fixes used to be just for glamour shots of celebrities. But nowadays, with flawless skin and symmetrical faces all over social media, the "beautiful people" are our peers. It's enough to give you a complex. In fact, doctors have begun to speak of "Snapchat dysmorphia," an obsession with normal imperfections that, for teens especially, can cause real harm. And it's driving many to seek surgery, in hopes of editing their faces IRL like they do on their phones. ...

*Read full text: <https://www.wired.com/story/snapchat-dysmorphia-real-dangers-perceived-flaws/>*



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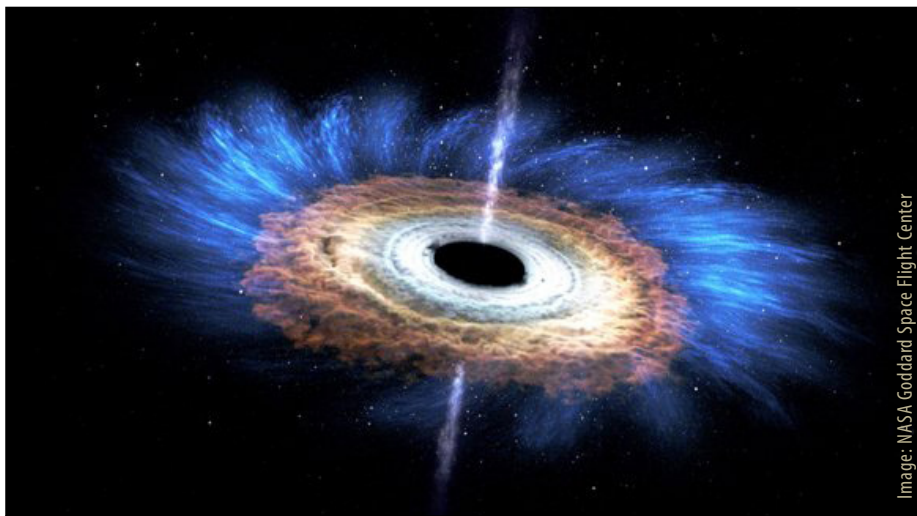


Image: NASA Goddard Space Flight Center

## Holy Cow!

### Astronomers agog at mysterious new Supernova.

For many astronomers, 2018 will be remembered as the Year of the **Cow**—after the nickname of a spectacular stellar explosion that has kept them busy for months.

The unusual event has offered an unprecedented window on to the collapse of a star, two teams of researchers suggest in papers submitted to the arXiv preprint server on 25 October.

Contrary to the slow ramp-up of a typical supernova, **Cow**—technically, the event AT2018cow—became stupendously bright essentially overnight, leaving astronomers perplexed.

“It popped up out of nowhere,” says **Stephen Smartt**, an astronomer at Queen’s University Belfast, UK, who first discovered the explosion, and who named it according to an alphabetical protocol that just happened to

spell out the word ‘cow’.

This is “the dream” for those who study stellar explosions, adds **Raffaella Margutti**, an astrophysicist at Northwestern University in Evanston, Illinois, who led one of the teams behind the latest two papers.

Through independent observations, the two groups behind the latest papers have now arrived at the same conclusion: that a ‘central engine’ has kept agitating the exploding star from the inside for months and that the energy must have come from either a newly formed black hole in the process of accreting matter, or the frenetic rotation of a neutron star.

Black holes and neutron stars are both born ... *Read full text:* <https://www.scientificamerican.com/article/holy-cow-astronomers-agog-at-mysterious-new-supernova/>

## Solar thermal fuel

### Scientists develop liquid fuel that can store the sun's energy for up to 18 years.

No matter how abundant or renewable, solar power has a thorn in its side. There is still no cheap and efficient long-term storage for the energy that it generates.

The solar industry has been snagged on this branch for a while, but in the past year alone, a series of four papers has ushered in an intriguing new solution. Scientists in Sweden have developed a specialised fluid, called a solar thermal fuel, that can store energy from the sun for well over a decade.

“A solar thermal fuel is like a rechargeable battery, but instead of electricity, you put sunlight in and get heat out, triggered on demand,” **Jeffrey Grossman**, an engineer works

with these materials at MIT explained to NBC News. The fluid is actually a molecule in liquid form that scientists from Chalmers University of Technology, Sweden have been working on improving for over a year.

This molecule is composed of carbon, hydrogen and nitrogen, and when it is hit by sunlight, it does something unusual: the bonds between its atoms are rearranged and it turns into an energised new version of itself, called an isomer. Like prey caught in a trap, energy from the sun is thus captured between the isomer’s strong chemical bonds, and it stays there even when ...

*Read full text:* <https://www.sciencealert.com/scientists-develop-liquid-that-sucks-up-sun-s-energy>



Image: nantonov/iStock

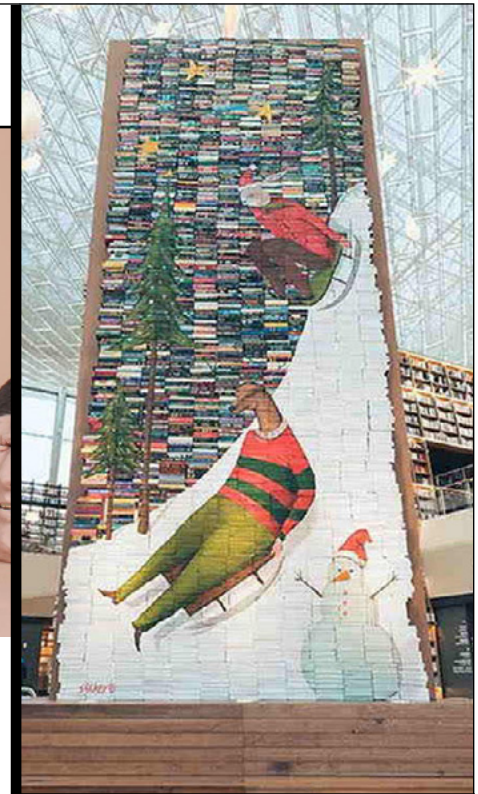
**AIU makes a huge contribution to the world by giving new scientifics the space for original investigations and research. Visit MyAIU Evolution**



# Wilfrid Wood

**W**ilfrid Wood is a London-based sculptor, model maker and illustrator. He trained in graphics at Central St Martins before landing a job building latex heads for satirical TV programme, *Spitting Image*. From there he embarked on his artistic career, and his charismatic and quirky sculptures have since been exhibited all over the world. **Wilfrid** has created likenesses of a variety of people from **Wayne Rooney** to **Paul McCartney**.

Wood began his career with a degree in graphics, before going on to work creating latex puppets for a TV show. It was during his TV work that he developed a keen interest in creating 3D sculptures, eventually going freelance full time. He now lives and works in Hackney Wick, one of East London's most artistic boroughs with over 600 artist studios. *Read full text:* <http://something-goodbristol.com/creative/wilfrid-wood/>



## Book displays

**S**tarfield Library in Gangnam, Seoul, is spreading the Christmas cheer with larger-than-life illustrations painted across its towering shelves of books. Paintings of fairy tale animals cover the height of a three-sided tower of bookshelves that takes center-stage in the huge library. Stretching all the way up till it almost touches the ceiling, each painted side depicts a fantastical scene of animals engaging in fun activities.

*Read full text and find more photos:* <https://mustsharenews.com/starfield-library-seoul/>

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Image: vaultcrossfit.com

## I worked out twice a day ...until it started messing with my hormones.

“Dude, I think something is out of whack with my hormones,” I tell my workout buddy, as I walk towards my CrossFit box for the second time in one day. ...

All was well until a subtle shift started happening inside my body. I felt off. Even after 8 or 9 hours of sleep, I’d wake up wiped and craving coffee. ... I phoned a doctor friend, who suspected that all the high-intensity exercise was messing with my cortisol —you know, that pesky stress hormone— levels. She was right. Here’s the low-down on the hormone, how exercise impacts it, and what to do if flare-ups leave you feeling... off.

Cortisol is in charge of regulating changes in the body that happen in response to anxiety and tension, and

it plays a role in managing our bodies’ fight-or-flight response. “Cortisol is secreted by the adrenal glands, which are little glands on top of your kidneys that look like hats,” says **Kecia Gaither**, MD, MPH, FACOG. “Your cortisol levels naturally rise and fall throughout the day. For most people, cortisol spikes in the morning when you first wake up, lulls in the afternoon, and may spike again in the late evening.” ...

When your hormonal levels are ... out of balance, you might experience fatigue, insomnia, irregular periods, increased appetite, problems with blood sugar regulation, weight gain, increased inflammation, and decreased libido,” says **Robin Berzin**, MD, founder and CEO ... *Read full text:* <https://www.wellandgood.com/good-sweat/exercise-cortisol/>

*com/good-sweat/exercise-cortisol/*

# Panpsychism

## Are we all multiple personalities of universal consciousness?

There’s a reason they call it the “hard problem.” Consciousness: Where is it? What is it? No one single perspective seems to be able to answer all the questions we have about consciousness. Now **Bernardo Kastrup** thinks he’s found one. He calls his ontology idealism, and according to idealism, all of us and all we perceive are manifestations of something very much like a cosmic-scale dissociative identity disorder (DID). He suggests there’s an all-encompassing universe-wide consciousness, it has multiple personalities, and we’re them.

**Kastrup’s** paper is an attempt to devise an explanation for consciousness

that leaves no unanswered questions behind as other commonly held perspectives do, at least at our current level of scientific knowledge. (**Kastrup** is a computer engineer specializing in A.I. and reconfigurable computing.)

There are a seemingly endless array of ultimately unsatisfying isms thrown at the problem of consciousness. If you’ve got some time, have a look at the Internet Encyclopedia of Philosophy. Here, though, if only to explain what panpsychism, the basis of **Kastrup’s** idealism, isn’t, it’ll be helpful to talk very briefly about ... *Read full text:*

<https://bigthink.com/robby-berman/are-we-all-multiple-personalities-of-universal-consciousness>



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## System 001

### Huge ocean cleanup device launches for Pacific Ocean.

After five years of development, 'System 001' by non-profit Ocean Cleanup—brainchild of 24-year-old Dutch inventor **Boyan Slat**—launched on September to remove 80,000 tons of plastic from the Great Pacific Garbage Patch. This area is where the largest amount of ocean plastic in the world resides and is located approximately mid-way between Hawaii and the coast of California. Created by circulating currents, the Patch has become roughly the size of France and is thought to contain 1.8 trillion pieces of plastic.

The massive 600-meter-long 'System 001' machine capitalizes on tidal movements to drift towards areas of high plastic concentration. It forms a

horseshoe-shaped blockade to net debris that can subsequently be collected and recycled.

Should this initial launch prove successful, Ocean Cleanup intends to roll out a fleet of similar system to extract over half of the plastic debris collected in this area over the next five years.

While many ocean experts have expressed optimism about the technology, one major lingering concern is the entrapment of marine life in the system. There remains a possibility that ocean life can bypass beneath the three-meter-deep skirt that collects the plastic. ...

*Read full text: <https://designtaxi.com/news/401450/24-Year-Old-Inventor-s-Huge-Ocean-Cleanup-Device-Launches-For-Pacific-Ocean/>*

## "New flavor" for Oreo

### Greenpeace creates it, sends replica to global HQ.

Greenpeace has called out Oreo's parent company, Mondelez International, for not putting its money where its mouth is when it comes to eradicating deforestation and exploitative business practices from its supply chain.

On November 14, Greenpeace revealed that it was delivering a five-foot-wide replica of an Oreo cookie to Mondelez International's headquarters in Deerfield, Illinois. The flavor? Deforestation. The cookie model had its top layer twisted off in iconic Oreo "twist, lick, dunk" fashion to reveal a graphic of a bulldozer tearing through a forest, much to the distraught of its fleeing animals. The truck it was transported on came with the banner, "Tell Oreo

to Drop Dirty Palm Oil." Even though Mondelez International announced its commitment in 2010 to enforcing a more eco-friendly supply chain by 2020, Greenpeace argues that the brand is far from achieving this goal.

According to the NGO, among 25 of the worst palm oil manufacturers in Indonesia, 22 of these belong in Mondelez International's supply chain as of 2017.

Fast Company reports that between 2015 and 2017, these 22 palm oil producers ravaged more than 70,000 hectares of rainforest in Indonesia and Papua New Guinea. ...

*Read full text: <https://designtaxi.com/news/402365/Greenpeace-Creates-New-Flavor-For-Oreo-Sends-5-Foot-Replica-To-Its-Global-HQ/>*



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## Rape victims

Why most of them don't acknowledge what happened.

She was 16, he was 40. She told herself it was a romantic affair. But her body and mind would do strange things when they were together. Sometimes she felt as if she was separate from her body, which would shake and shake after seeing him. This was a full-body shaking, more like a quake than a shiver.

It took **Marissa Korbelt** more than a decade to view what had happened to her not as an affair, but as assault. "I really took all of the blame for it for at least nine or ten years," she says. With years of therapy behind her, she's now a mother and an attorney for an organisation in Oregon that advocates for survivors of sexual assault.

Even today, **Korbelt** finds herself

sometimes re-experiencing the bodily dissociation that she first encountered with her assaulter. Revisiting this trauma is a way for her to try to understand it. "I'm seeking sexual experiences that overwhelm me, and that make me basically leave my body," she explains matter-of-factly. "I have a very complicated relationship with dissociation because I understand that it's a marker of a trauma. And I know that when I learned to do it, it wasn't a good thing."

**Korbelt** isn't alone. A meta-analysis of 28 studies of women and girls aged 14 and older who had had non-consensual sex ... *Read full text:* <http://www.bbc.com/future/story/20181102-why-dont-rape-and-sexual-assault-victims-come-forward>

## New robot

Tracks sick bees wearing tiny coded backpacks.

Science hasn't been giving us a tremendous amount of good news these days. We're speeding toward climate catastrophe, for one. We've screwed up the environment so badly, it's hard to even call it an environment anymore. And that's coming back to bite (or sting) us: Bee populations, which we rely on to pollinate our crops, are plummeting.

But science is also coming to the rescue, by gluing QR codes to bumblebees' backs and tracking their movements with a robotic camera. Researchers have created a system that tracks individual bees as well as the dynamics of whole colonies exposed to imidacloprid, a neurotoxin that belongs to the infamous neonicotinoid group of pesticides. The findings aren't pretty,

but they may go a long way in teasing apart how neonicotinoids are ravaging bees, and how we might save these fliers. Neonicotinoids are the most common class of insecticides globally. "When we first started using them in agriculture in particular, they passed the initial tests of, Oh are they safe for bees at the concentrations they're likely to encounter in the field?" says Harvard biologist **James Crall**, lead author on a new paper in *Science* describing the bumblebee-tracking technique.

But those tests weren't exactly thorough enough. "You might not see a dead bee in 24 or 48 hours, but still you're seeing important behavioral shifts over time that lead to impaired ...

*Read full text:* <https://www.wired.com/story/bumblebee-tracking-robot/>



Image: beblog.seas.upenn.edu

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# Seven predictions

Bill Gates is pretty good at predicting the future. This is what he thinks will happen next.



number of structural changes:

First, better fertilizers and crops being developed will cause an upward spiral of greater nutrition leading to greater productivity.

Second, developments in infrastructure that are already taking place, such as Ghana increasing the width of highways connecting production zones to distribution zones and Senegal removing

checkpoints that cause delays.

Third, as phones become more widespread, this will allow the communication of information such as weather reports and market prices.

**3** The lives of the poor will be transformed by mobile banking. Electronic banking systems will allow the poor to store and protect money digitally: he said in his 2015 annual letter that “by

2030, 2 billion people who don’t have a bank account today will be storing money and making payment with their phones.”

**4** In the year 2035, poor countries will no longer exist. **Gates** cites how much the world has changed during his own lifetime —moving from a world segmented into the Soviet Union, the Western Allies, and “everyone else” to the world we see today— as a precedent for how much it has the potential to change. He wrote in his 2014 letter that “aid is a fantastic investment, and we should be doing more. It saves and improves lives very effectively, laying the groundwork for [...] long-term economic progress.”

**5** By 2030 there will be a clean energy breakthrough that will revolutionize our world. In a slightly more recent prediction, made in 2016, **Gates** does not name any existing method of renewable energy as the panacea, but he thinks the key is investment in young people. He has already

invested \$2 billion in alternative technologies.

**6** Countless jobs will be lost to automation. In an interview with **Quartz**, **Bill Gates** envisages, as many industry leaders do, a world in which humans are put out of work by robots. **Gates**, though, has provided a possible plan of action: to tax robots in order to fund more jobs that can only be performed by humans, like taking care of the elderly or working with children.

**7** Polio could be eliminated worldwide by 2019. In his 2013 Annual Letter, **Gates** revealed statistics showing that the prevalence of polio has been reduced from impacting millions of people in hundreds of countries to now being active in only three countries worldwide. The key, he states, is measurement: “You have to measure accurately, as well as create an environment where problems can be discussed openly so you can effectively evaluate what’s working and what’s not.”

Read full text: <https://futurism.com/researchers-believe-eye-drops-cure-jet-lag>

**1** In the next 15 years, 33 million people could be wiped out in less than a year by a pathogen. At the Munich Security conference, **Gates** warned that “epidemiologists say a fast-moving airborne pathogen could kill more than 30 million people in less than a year.” This could be due to mutation, accident, or terrorist intent. While this may seem outlandish, similar

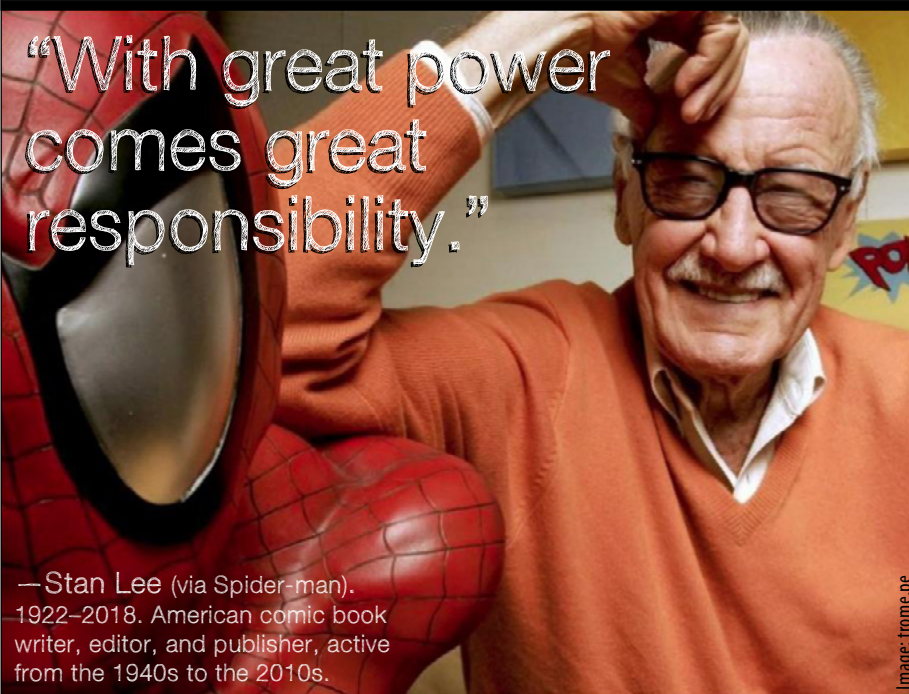
events have occurred before: the most obvious example is the Black Death, which killed almost a third of Europe, but more recently, in 1918, the Spanish Flu wiped out between 50 and 100 million people.

**2** Africa will become entirely self-sufficient in terms of food production. He believes Africa will achieve the goal due to a

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**"With great power comes great responsibility."**

—Stan Lee (via Spider-man).  
1922–2018. American comic book writer, editor, and publisher, active from the 1940s to the 2010s.

Image: trone.pe

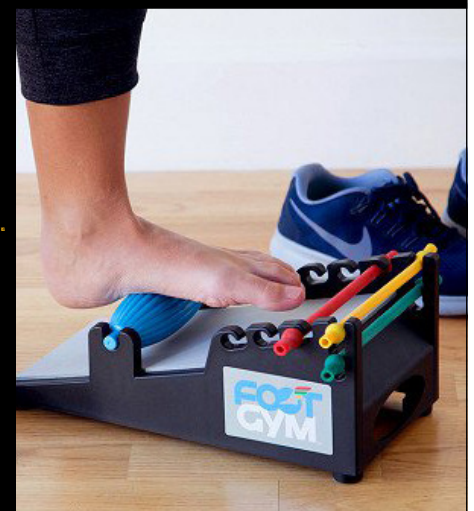
## What to do when things don't go your way

1. Take a step back and evaluate.
2. Vent if you have to, but don't linger on the problem.
3. Realize there are others out there facing this too.
4. Process your emotions.
5. Acknowledge your thoughts.
6. Give yourself a break.
7. Uncover what you're really upset about.
8. See this is an obstacle to be overcome.
9. Analyze the situation — focus on actionable steps.
10. Identify how it occurred — so it won't occur again next time.
11. Realize the situation can be a lot worse.
12. Do your best, but don't kill yourself over it.
13. Pick out the learning points from the encounter.

Source: [personalexcellence.co](http://personalexcellence.co)

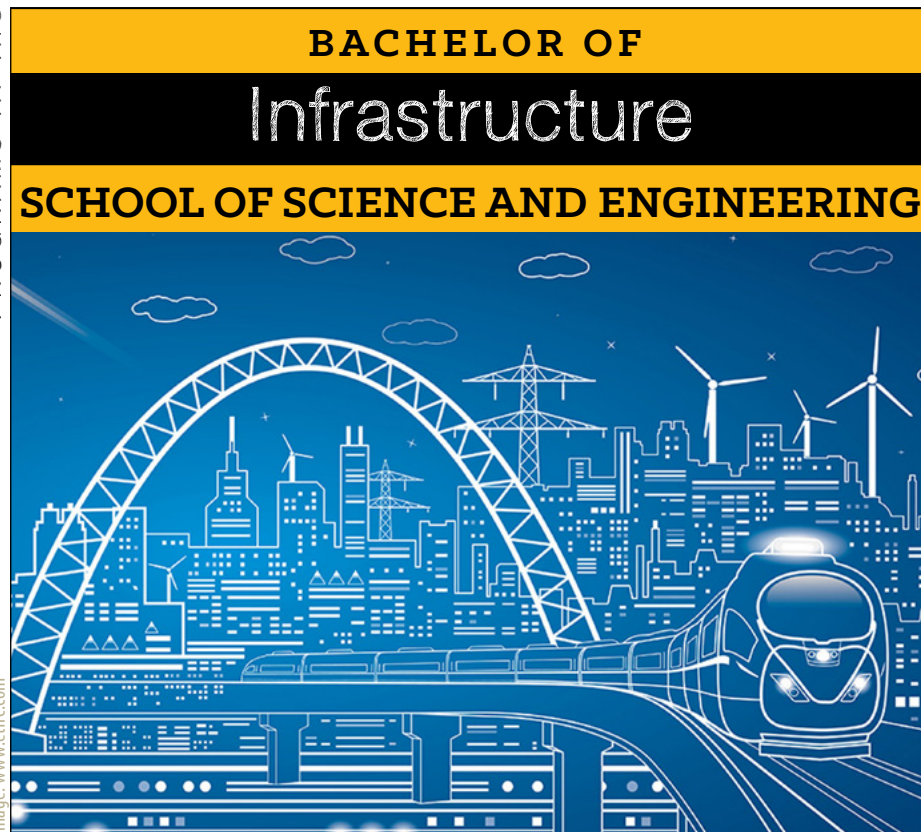


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The **Bachelor of Infrastructure** program is offered online via distance learning. After evaluating both academic record and life experience, **AIU** staff working in conjunction with Faculty and Academic Advisors will assist students in setting up 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 Infrastructure** 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)

### Core Courses and Topics

General aspects of infrastructure Statistics and GIS  
 Environmental aspects  
 Regional and urban planning  
 Transport planning and modeling  
 Water and power supply  
 Sanitary engineering  
 Management  
 Promotion, financing and viability analysis of infrastructures  
 Feasibility analysis in infrastructure investment  
 Promotion models  
 Concessions  
 Management of the inf. project  
 Administration and management of contracts in large turnkey projects  
 Contract management  
 Management of infrastructure exploitation  
 Infrastructure maintenance mgmt.  
 Specialty roads  
 Management of the promotion of roads  
 Construction of pavements

Execution of bridges  
 Execution of tunnels  
 Management of road exploitation

### Orientation Courses

Communication & Investigation  
 (Comprehensive Resume)  
 Organization Theory (Portfolio)  
 Experiential Learning (Autobiography)  
 Academic Evaluation (Questionnaire)  
 Fundament of Knowledge  
 (Integration Chart)  
 Fundamental Principles I  
 (Philosophy of Education)  
 Professional Evaluation  
 (Self Evaluation Matrix)  
 Development of Graduate Study  
 (Guarantee of an Academic Degree)

### Research Project

Bachelor Thesis Project  
 MBM300 Thesis Proposal  
 MBM302 Bachelor Thesis  
 (5000 words)

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 808-924-9567 (Internationally)

The background is a solid dark blue. It features a large, faint, light blue illustration of a person. The head is a gear-like shape with a circular center. The body is a simple stick figure with a wide, zig-zagging base. The word "ABOUT" is written in a white, thin, serif font across the middle of the image.

ABOUT

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

Dr. Franklin Valcin PRESIDENT/ACADEMIC DEAN	Dr. José Mercado CHIEF EXECUTIVE OFFICER	Ricardo González, PhD PROVOST
Dr. Ricardo González EXECUTIVE VICE-PRESIDENT	Linda Collazo STUDENT SERVICES COORDINATOR	Dra. Magdalena Lorenzo Rios DEAN OF CURRICULUM DESIGN
Ofelia Hernandez DIRECTOR OF AIU	Kingsley Zelee IT COORDINATOR	Daritzza Ysla ACCOUNTING COORDINATOR
Clara Margalef DIR. OF SPECIAL PROJECTS OF AIU	Felipe Gomez DESIGN DIRECTOR	Leonardo Salas HUMAN RESOURCES
Juan Pablo Moreno DIRECTOR OF OPERATIONS	Giovanni Castillo OPERATIONS ASSISTANT	Irina Ivashuk ADMINISTRATIVE ASSISTANT
Paul Applebaum IT DIRECTOR	Liliana Peñaranda LOGISTICS COORDINATOR	Kimberly Diaz ACADEMIC TUTOR
Nadeem Awan CHIEF PROGRAMING	Amalia Aldrett ADMISSIONS COORDINATOR	Renata Da Silva ACADEMIC TUTOR
Dr. Jack Rosenzweig DEAN OF ACADEMIC AFFAIRS	Alba Ochoa ADMISSIONS COORDINATOR	Lourdes Puentes ACADEMIC TUTOR
Paula Vieira ADMISSIONS MANAGER	Sandra Garcia ADMISSIONS COORDINATOR	Rina Lehnhoff ACADEMIC TUTOR
Dr. Edward Lambert ACADEMIC COORDINATOR	Veronica Amuz ADMISSIONS COORDINATOR	Renato Cifuentes ACADEMIC TUTOR
Dr. Ariadna Romero ACADEMIC COORDINATOR	Junko Shimizu ADMISSIONS COORDINATOR	Arturo Vejar ACADEMIC TUTOR
Maricela Esparza ADMINISTRATIVE COORDINATOR	Roberto Aldrett COMMUNICATIONS COORDINATOR	Arhely Espinoza ACADEMIC TUTOR
Jaime Rotlewicz ADMISSIONS COORDINATOR	Nazma Sultana ASSISTANT PROGRAMMING	Luisa Villar ACADEMIC TUTOR
Carlos Aponte TELECOM. COORDINATOR	Jhanzaib Awan ASSISTANT PROGRAMMING	Cyndy Dominguez ACADEMIC TUTOR
Rosie Perez FINANCE COORDINATOR	Chris Benjamin HOSTING SERVER	Paulina Garcia ACADEMIC ASSISTANT
	Nadia Gabaldon STUDENT SERVICES SUPERVISOR	

FACULTY AND STAFF PAGE: [www.aiu.edu/FacultyStaff.html](http://www.aiu.edu/FacultyStaff.html)



## 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.

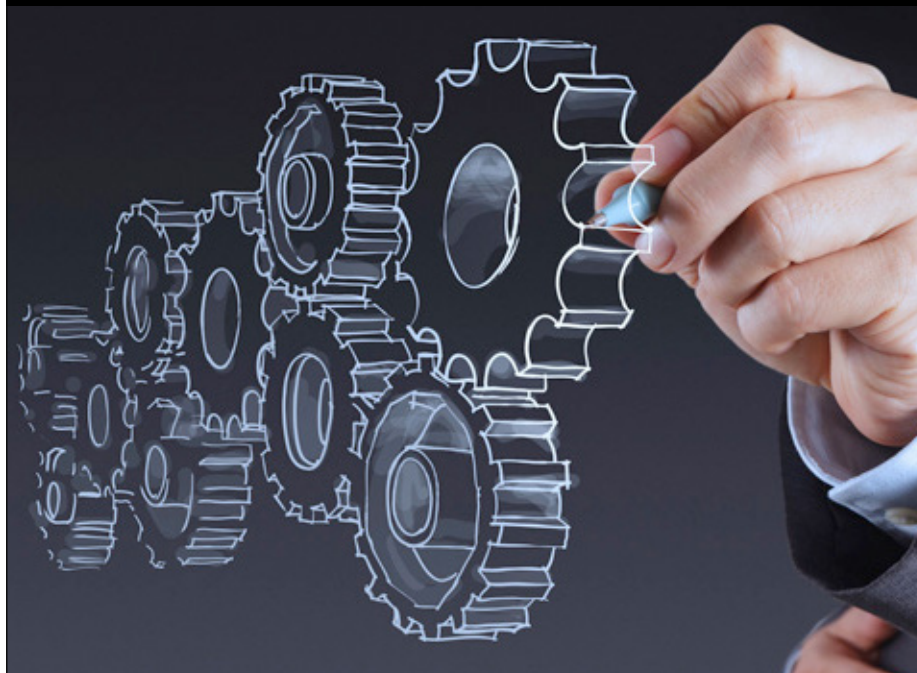
The founding principles lie on the basic right of education as outlined in the Declaration of Human Rights. We instill in our students a sense of confidence and self reliance in their ability to access the vast opportunities available through information channels, the world wide web, private, public,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



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.

### Online Library Resources



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** 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 Service

**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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800-993-0066 (Toll Free in US)

[info@aiu.edu](mailto:info@aiu.edu)

808-924-9567 (Internationally)

[www.aiu.edu](http://www.aiu.edu)

### Online application:

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