

CAMPUS *mundi*

118

Windhoek is the capital and main commercial centre of Namibia, being linked by road and railway to the port of Walvis Bay and to South Africa. Before European settlement began, the town was known as Aigams (hot water), because of the hot springs in the region.

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

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Campus Mundi
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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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in touch



AUGUST, 2023. One of our graduates, William Diaz Henao, has just published the book

Book published

titled "*Generación de Valor a través de Proyectos de Inversión*" with Corporación Universitaria Taller Cinco, an educational center of Applied Arts in Bogotá, Colombia.

Here you can download the digital version of the book: <https://www.taller5.edu.co/lanzamiento-libro-generacion-de-valor-a-traves-de-proyectos-de-inversion/>

William Diaz Henao has completed a Doctorate program

in Business Administration at Atlantic International University.



Graduated with Distinction

AUGUST, 2023. These graduate students completed their program with a high cumulative grade point average, which reflects the quality of performance within their major. **Congratulations!**



DISTINCTION

Juan Antonio Rodriguez III

DOCTOR OF SCIENCE
International Relations



DISTINCTION

Bârdan V. Marius - Vasile

DOCTOR OF SCIENCE
Physics, Chemistry and Biology

20TH INTERNATIONAL CONFERENCE ON Environmental, Cultural, Economic & Social Sustainability



Image: www.ua.pt

Call for Papers

This Conference will be held
24–26 January 2024
at the **University of Aveiro**,
Aveiro, Portugal.

We invite proposals for paper presentations, workshops/ interactive sessions, posters/ exhibits, colloquia, focused discussions, innovation show-cases, virtual posters, or virtual lightning talks.

2024 Special Focus:

"Pathways to
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and Business"

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Become a Presenter:

1. Submit a proposal
2. Review timeline
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Regular proposal deadline
October 24, 2023

Regular registration deadline
December 24, 2023

Visit the website:
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Image: praxtera.com

Graduates of the month

AUGUST 2023

Antonia Santa Valdez Soriano
DOCTOR OF EDUCATION
Educational Leadership Management
DOMINICAN REPUBLIC

Santa Sánchez
DOCTOR OF EDUCATION
Educational Research
DOMINICAN REPUBLIC

Jerónimo Carrión Alcívar
BACHELOR OF SCIENCE
Psychology
ECUADOR

Mari Luz Mibuy Ndong Nsee
MASTER OF SCIENCE
Public Health
EQUATORIAL GUINEA

Mabuza Siyabonga Fortune
MASTER OF SCIENCE
Psychology
ESWATINI

Markos Wolde Suloro
DOCTOR OF MANAGEMENT
Leadership and Management
ETHIOPIA

Collins Kesse
DOCTOR OF PHILOSOPHY
Human Resource Management
GHANA

José Filiberto Franco Hernández
DOCTOR OF INFORMATION TECHNOLOGY
Digital Transformation
GUATEMALA

Damian Edmund Burke
POST-DOCTOR OF PHILOSOPHY
Educational Psychology
IRELAND

Robert Denzin Hamilton
CERTIFICATE OF SCIENCE
Industrial Engineering
JAMAICA

Cristiano Titiano Chizeca
BACHELOR OF INFORMATION ENGINEERING
Computer Science
ANGOLA

Henry Antonio Fumero Blandin
BACHELOR OF INFORMATION TECHNOLOGY
Telecommunications
ARGENTINA

Guaicaipuro José Jiménez Jiménez
MASTER OF SCIENCE
Public Health
ARUBA

Bartłomiej Cech
MASTER OF SCIENCE
Biotechnology and Project Management
AUSTRALIA

Vinod Kumar Nath
DOCTOR OF SCIENCE
Natural Resource Management
AUSTRALIA

Willy Mukungi Amisi
DOCTOR OF SCIENCE
Public Health
BOTSWANA

Saleh A. Bashir Elkakli
MASTER OF SCIENCE
Electrical and Electronics Engineering
CANADA

Paul Djideti
DOCTOR OF MANAGEMENT
Leadership and Management
CHAD

Carlos Alberto Cardona Echeverry
POST-DOCTORATE OF EDUCATION
Education
COLOMBIA

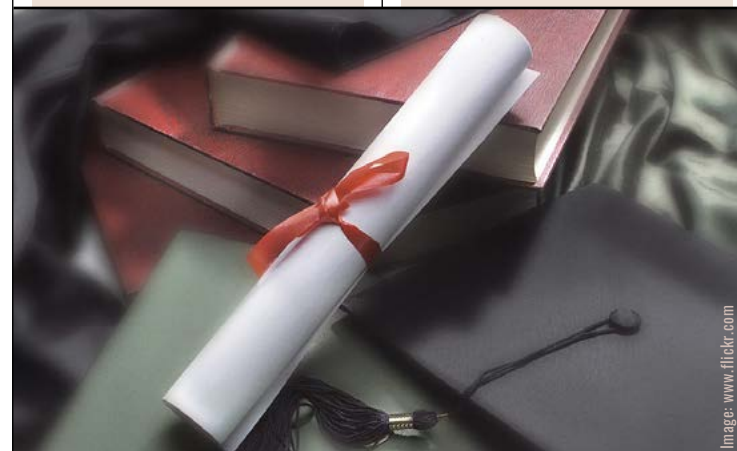
Gabriel Marin De La Hoz
BACHELOR OF SCIENCE
Electrical Engineering
COLOMBIA

Alix G. Sanchez Tiria
DOCTOR OF EDUCATION
Education
DOMINICAN REPUBLIC

Karla Dharina Velazquez Ortiz
BACHELOR OF SCIENCE
Internetworking and Computing Technology
DOMINICAN REPUBLIC

This month we have graduates from: Angola · Argentina · Aruba · Australia · Botswana · Canada · Chad · Colombia · Dominican Republic · Ecuador · Equatorial Guinea · Eswatini · Ethiopia · Ghana · Guatemala · Ireland · Jamaica · Latvia ·

<p>Ahmed Al Ameedi DOCTOR OF BUSINESS ADMINISTRATION Business Administration LATVIA</p> <p>Nisrine Al Awar BACHELOR OF BUSINESS ADMINISTRATION Business Administration LEBANON</p> <p>Fanny Madalitso Kondowe MASTER OF SCIENCE Communications MALAWI</p> <p>Martha E. Riba Espinosa de los M. DOCTOR OF SCIENCE Biology MEXICO</p> <p>Cathleen Deelie DOCTOR OF BIOLOGY Marine Biology NAMIBIA</p> <p>Jazmin Elizabeth Jaakkola Gomez BACHELOR OF INTERNATIONAL BUSINESS International Business NICARAGUA</p> <p>Cecilia Mbinya Maundu BACHELOR OF EDUCATION Early Childhood Education NIGERIA</p> <p>Olumide Oluwatobi Dawodu BACHELOR OF SCIENCE International Business Management NIGERIA</p> <p>Awakan Oluwafemi Samson DOCTOR OF SCIENCE Information Technology NIGERIA</p> <p>Abdulrahman Kitilly Hudu DOCTOR OF PHILOSOPHY Human Resources Management NIGERIA</p>	<p>Morenikeji Oluwaseunfunmi Bakare BACHELOR OF SCIENCE Psychology NIGERIA</p> <p>Andi Kayoma Osawota DOCTOR OF LEGAL STUDIES Literary Practical Legal Proceedings NIGERIA</p> <p>James-Wisdom Aboiralo Abbulimen DOCTOR OF SCIENCE Mass Media and Communication NIGERIA</p> <p>Gyal Y. Gapani DOCTOR OF PHILOSOPHY Public Financial Management NIGERIA</p> <p>Priscilla Kaivavore BACHELOR OF SCIENCE Health Science PAPUA NEW GUINEA</p> <p>Queren Rosa Quaglio Ferreira BACHELOR OF NUTRITION Higher Education in Nutrition PORTUGAL</p> <p>Zaida M. Rivera Gonzalez DOCTOR OF EDUCATION Educational Leadership PUERTO RICO</p> <p>Juan Antonio Rodriguez III DOCTOR OF SCIENCE International Relations PUERTO RICO</p> <p>Bârdan V. Marius - Vasile DOCTOR OF SCIENCE Physics, Chemistry and Biology ROMANIA</p> <p>Emmanuel Hakizimana DOCTOR OF SCIENCE Environmental Science RWANDA</p>	<p>Joseph D'Alembert Bizimana MASTER OF HIGHWAY ENGINEERING Construction Management RWANDA</p> <p>Blessings Joylene Cole BACHELOR OF COMMUNICATIONS Communication SIERRA LEONE</p> <p>Visuanathan Gopalan MASTER OF SCIENCE Public Health SINGAPORE</p> <p>Samantha Abiola Philips MASTER OF SCIENCE Social Work SINT MAARTEN</p> <p>Nasra Abdulsamad Mohamud MASTER OF NUTRITION Nutrition Science SOMALIA</p> <p>Nasima Joseph BACHELOR OF SCIENCE Business Management ST. LUCIA</p> <p>Renna Jankie - Francis MASTER OF SCIENCE Public Health ST. LUCIA</p> <p>Guy-Ann C. Joseph-Charles BACHELOR OF SCIENCE Educational Psychology ST. LUCIA</p> <p>Nan Hlaing Hlaing Moe DOCTOR OF SCIENCE Psychology and Leadership THAILAND</p> <p>Recep Durul BACHELOR OF ARTS Business Administration TURKEY</p>	<p>Sarmila Sinha DOCTOR OF MENTAL HEALTH Stress Management UNITED KINGDOM</p> <p>Maria Estrella Ayecaba Micha Oye MASTER OF BUSINESS ADMINISTRATION Finance and Accounting USA</p> <p>Henry Obasessam Ofem BACHELOR OF MANAGEMENT Business Management USA</p> <p>Claudio Jorge Bonaventura DOCTOR OF SCIENCE Public Health USA</p> <p>John Charles Lawson DOCTOR OF SCIENCE Family, Crime and Deviance USA</p> <p>Maribel Eyang Aseme Nsang MASTER OF BUSINESS ADMINISTRATION Business Administration USA</p>	<p>David Mayor Escobar BACHELOR OF BUSINESS ADMINISTRATION Digital Marketing USA</p> <p>Michael D. Reynolds DOCTOR OF EDUCATION Educational Leadership USA</p> <p>Raoul Arief Ahmadali MASTER OF SCIENCE Business Management USA</p> <p>Namangolwa Mwanaumo DOCTOR OF BUSINESS ADMINISTRATION Business Administration ZAMBIA</p> <p>Getrude Chimfwembe DOCTOR OF PHILOSOPHY Early Childhood Mathematics ZAMBIA</p> <p>Lilato Mwitha DOCTOR OF BUSINESS ADMINISTRATION Business Administration and Finance ZAMBIA</p>
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Gallery / Interviews: <https://www.aiu.edu/media-center/>

Where are you, dear peace?



Image: www.freepik.es

Our present as human beings seem to be on a path in which the great development of science and coexistence show opposite paths.

What happens to us that we see the great wave of heat, the conflicts in relation to the governance of the towns and these and those don't understand each other? The Tower of Babel has risen!

With everything we have done as human beings, we must find a path of peace, for coexistence.

First, what happens to us that there is so much world conflict? What generates the world in which we are living? We knew that global warming would be a serious problem; we already have it:

- There are very high

temperatures everywhere and wildfires.

- Democracies are becoming governments that don't have freedoms.
 - Armies becoming rulers.
 - More weapons for peace.
 - Conferences and Conferences where much is said, but few are the concrete agreements.
- It seems that they don't seek to live in peace but quite the

opposite. Why are many human beings so easy to convince in positions that are clearly radical? What element is necessary for people to know the why, how and why of the facts? That element is EDUCATION.

"Education, science, culture and the free circulation of ideas and knowledge throughout the world are not only fundamental needs of humanity but are also laying the solid foundations of a future peace." UNESCO, 2021. *Celebration of the 75th anniversary of UNESCO. Our vision of peace.* <https://www.unesco.org/en/vision> UNESCO- United Nations Educational, Scientific and Cultural Organization.

Living in peace is not a gift to the wealthiest, the prettiest, the one with the most power. Peace is not the tranquility of the graves because nothing can be taken from anyone there.

We know peace as coexistence.

Peace seems to be the goal that all human beings should seek. We are witnessing that no matter how much money you have, it doesn't mean that these people live comfortably, live in peace.

Those who are rulers, no matter how much power they have, aren't happy because they have peace with that

power. Here and there we are witnessing conflicts.

What is conflict? Conflict is a situation in which the parties have opposing objectives and don't give in to reach an agreement to find the elements that mean win for each group.

The current interests or conflicts have their solution in arms in order to obtain profits that the law and reason don't give to those who support them; we are talking about wars and changes of State by armies. How to achieve peace in such situations?

UNESCO tells us: "Since wars are born in the minds of women and men, it is in the minds of women and men that the bulwarks of peace must be erected." UNESCO, 2021. *Celebration of the 75th anniversary of UNESCO. Our vision of peace.* <https://www.unesco.org/en/vision>



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

What can be changed in the mind is what is known about the object that it's and that happens by teaching others through education. Manipulation so that others believe in what others want is not education because it doesn't show what the objects are: it's convinced with false elements about what the object is.

Education is to change the mind of human beings by demonstrating with true elements what the object is.

That is why UNESCO says in relation to the world of the absence of peace due to the violence that many suppose is not resolved, because human beings are violent by nature, because for many it is not explicable that with so much science and development of forms of production it is not possible to find a way to live with each other.

UNESCO says: "Violence is not inscribed, therefore, in the genes of the human being and its appearance is due to historical and social causes. The notion of 'primal violence' is a myth and war is not an element closely linked to the human condition, but the product of societies and their corresponding cultures."

UNESCO- Courier- One world, multiple voices- The origins of violence. <https://es.unesco.org/courier/2020-1/origenes-violencia>

What elements do we lack in this society? The lack to which we have reached the conclusion is that the missing element is education.

"Education is vital to achieve acceptance and respect for all regardless of skin color, gender or national, ethnic or religious identity, ..." UNESCO. *Build peace in the minds of men and women*. <https://es.unesco.org/node/251157>

Formal education is schooled; **Informal education** are the habits and customs of behavior where culture and respect for others enter.

Education is that formal education because there we also find the elements of informal education.

We have, to learn through our abilities and accompaniment of those who know and work in the best of discourses, **science**.

About peace UNESCO says: "Peace is essentially respect for life. Peace is humanity's most precious asset. Peace is not only the end of armed conflicts. Peace is a behavior. Peace is a deep adhesion of the human being to the principles of freedom, justice, equality and solidarity among all human beings. Peace is also a harmonious association between humanity and the environment. UNESCO. *Build peace in the minds of men and women*. UNESCO- <https://es.unesco.org/node/251157>

"There is no way to peace, peace is the way"

– Gandhi



Image: www.freepik.es

Peace must be the most precious asset of human beings so that their life and that of the planet are the space for coexistence that we all need.

Hence the great **Gandhi, Mohandas Karamchand Gandhi**, 1869-1948, from India, a fighter for peace, said that:

There is no way to peace; the peace is the way.

When **Gandhi** says that peace is the way, it means that peace actions must always be carried out to achieve it.

Carrying out negative actions doesn't achieve peace.

You have a program at **Atlantic International University (AIU)**: Do your assignments to learn.

Study to carry out actions that are of well-being for any human

being or for the life of our planet.

Always be an example for others.

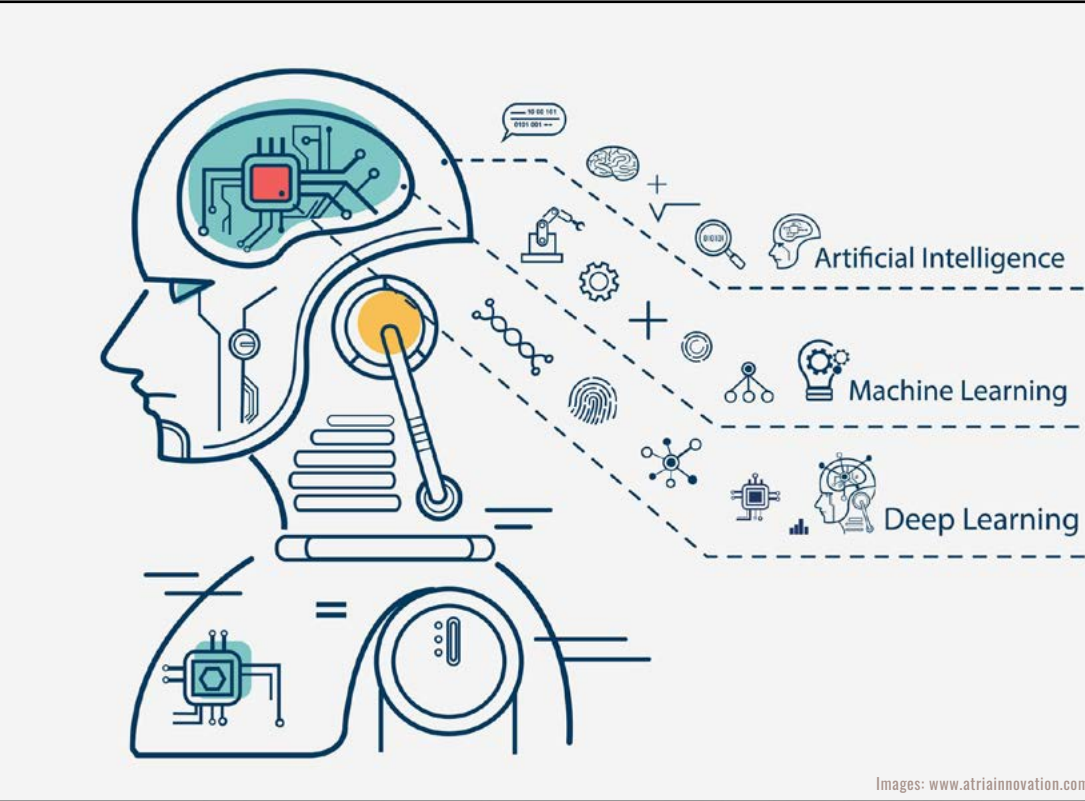
If we learn to live with peace as actions, this world has to change. We can't, we must not remain as if nothing happened because that is where our end is.

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Performance of Machine Learning and other Artificial Intelligence paradigms in Cybersecurity

Gabriel Kabanda | Postdoctoral in Computer Sciences

There are many intrusion identification methods and these include a semi-supervised fuzzy clustering algorithm based on isomeric distance and sample density for network intrusion detection (KYLILI ET AL., 2018), but this method is constrained by the data sample dimension, and it is difficult to effectively deal with the problem of large scale network intrusion signal recognition. To address the above problems, based on deep research of hidden Markov model intrusion detection method, combined with the characteristics of global optimization of genetic algorithm, Wu (2018) used the genetic algorithm to optimize the model for the sensitive problem of hidden Markov model to initial parameters, and proposed an identification method based on hidden Markov model for ship communication network intrusion signal. Li (2018)



worked on a collaborative intrusion detection method of marine distributed network based on clustering with the

aim to reduce the long delay in the current marine distributed network which had an intrusion detection method based

on support vector machine. There are many intrusion identification methods and these include a

semi-supervised fuzzy clustering algorithm based on isomeric distance and sample density for network intrusion detection (KYLILI ET AL., 2018), but this method is constrained by the data sample dimension, and it is difficult to effectively deal with the problem of large scale network intrusion signal recognition. Evaluation of Artificial Intelligence paradigms for network detection and prevention systems Napanda, K., et al (2015) studied the different Artificial Intelligence (AI) techniques that can be used in support of Intrusion (Anomaly and Misuse) Detection Systems to provide better Intrusion Detection and Prevention. The research shed some light on techniques such as Machine Learning (ML), Neural Network and Fuzzy Logic and how they can be coupled with **Intrusion Detection System** to detect attacks on private networks. Since most of the Intrusion

Detection System are signature based, to develop such a sophisticated Intrusion Detection System that can detect and prevent already known and predict unknown attacks is technically unfeasible. The Network Intrusion Detection System captures packets traversing through the network using span port or network taps in order to detect and flag any suspicious activity (NAPANDA, K., ET AL., 2015, P.1). The Intrusion Detection Systems (IDS) are known to observe the network traffic, analyze it and identify possible anomalies or unauthorized access to the network behavior, with some of the IDS responding to the intrusion to protect the computer network.

Artificial Neural Networks can be trained with the network traffic data, then we use these neural networks to recognize the patterns in network data. Once all the Bayesian network models are built (trained on network traffic) and those networks are ready for predicting attacks in incoming network traffic, then the test data divided by inferential analyses to each Bayesian network to classify in the attacks. Furthermore, back-propagation network is used successfully in network intrusion detection since backpropagation is used for learning and this will help the Intrusion

Detection System to build and learn profiles of anomalous behaviors. The research shed some light on techniques on Machine Learning (ML), Neural Network and Fuzzy Logic and how they can be coupled with an intrusion detection and prevention system to detect attacks on private networks.

Since most of the Intrusion Detection Systems are signature based, to develop such a sophisticated Intrusion Detection System that can detect and prevent already known and predict unknown attacks is technically unfeasible. Therefore, introducing an intrusion response mechanism that works together with the IDS allows comprehensive protection, that not only secures the network systems but also create a unique agent that makes an automated decision in an unknown environment. Instead of combining signature detection techniques and anomaly detection techniques, some other hybrid systems fuse multiple anomaly detection systems according to some specific criteria considering that the detection capability for each anomaly detection technique is different. An automated machine learning algorithm for Network Intrusion Detection and Prevention Systems (IDPS) serves as a successful tool for defending our network,



Image: businesswest.com

as it uses two layers: A. The primary layer provides us with the opportunity to monitor the network and to detect a breach in our system, based on machine learning dimensions reduction and classification techniques.

Artificial Neural Networks can be trained with the network traffic data, when we use these neural networks to recognize the patterns in network data. Once all the Bayesian network models are built (trained on network traffic) and those networks are ready for predicting attacks

in incoming network traffic, then the test data divided by inferential analyses to each Bayesian network to classify in the attacks. Furthermore, these algorithms ought to be used in the basic network intrusion detection and

prevention system: Alternative improved solutions include the use of machine learning algorithms specifically Artificial Neural Networks (ANN), Decision Tree C4.5, Random Forests and Support Vector Machines (SVM).

REFERENCES. KYLILI, A., Fokaides, P.A., Ioannides, A., and Kalogirou, S., (2018). Environmental assessment of solar thermal systems for the industrial sector, *Journal of Cleaner Production*, 176, 99–109. | LI, X., (2018). Collaborative intrusion detection method for marine distributed network, In: Liu, Z.L. and Mi, C. (eds.), *Advances in Sustainable Port and Ocean Engineering*, *Journal of Coastal Research*, Special Issue No. 83, pp. 57–61, Coconut Creek (Florida), ISSN 0749–0208. | NAPANDA, K., Shah, H., and Kurup, L., (2015). Artificial Intelligence Techniques for Network Intrusion Detection, *International Journal of Engineering Research & Technology (IJERT)*, ISSN: 2278–0181, IJERTV4IS110283 www.ijert.org, Vol. 4 Issue 11, November–2015.



learning

Parenting

The trendiest styles and what the interest in them says about our culture.

Regardless of label, experts say that everyone is looking for something similar: reassurance that they're doing the right thing.

Dolphin parent. It means setting guidelines for children to provide stability. But It's also important to allow enough room for them to learn on their own.

Eggshell parent. When your kids feel like they have to tiptoe around you. Showing instability, mood swings and outbursts around children puts them on edge. This can lead to anxiety and people-pleasing tendencies even into adulthood.

Lighthouse parent. These parents offer help to their kids, but also let them succeed or fail on their own. They encourage kids to try a new hobby or set a firm bedtime, but then step back

and let them execute it on their own to boost their confidence.

Snowplow parent. Also "lawnmower" or "bulldozer" parenting. It's when parents aim to remove any obstacle their child faces so that they don't have to experience any sort of disappointment, pain or failure.

Silky, Crunchy and Scrunchy parents. Silky parents are all about the modern conveniences that make parenting easier: disposable diapers, using the TV as a babysitter. A crunchy parent usually goes for the "natural" option: cloth diapers, homemade baby food. Part silky and part crunchy is known as the "scrunchy parent." ...

Read full text: https://themessenger.com/health/scrunchy-snowplow-eggshell-dolphin-parenting-terms?utm_campaign=body&utm_medium=newsletter&utm_source=messenger-morning

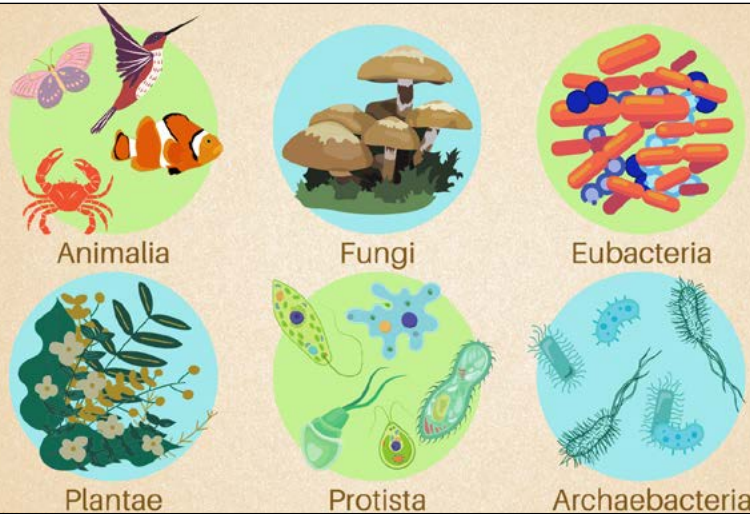


Image: scienceenotes.org

That was then

"Facts" you learned in school that are no longer true.

Over time, even facts we consider steadfast truths can change. People used to think doctors could forgo washing their hands before surgery. Knowledge is ever-evolving. Other facts might have been taught incorrectly because the truth is more nuanced than grade-school students can understand. The facts below probably changed since your school days, or were taught to you the wrong way. Re-educate yourself.

1. THEN: Five (or three) kingdoms of classification exist. **NOW:** There might be as many as eight kingdoms.

Depending when you grew up, your middle school science teacher probably lectured about three main kingdoms of life — animals, plants, and bacteria (monera)— or five, including fungi and protists, too. Either way, we've expanded our classification of

life since then. The more species we find and analyze, the more complex labeling life becomes. In addition to the five kingdoms above, we now know of archaea, previously thrown under monera. Archaea superficially look like other one-celled organisms called eubacteria, but they're completely different. Even larger systems exist which further divide eubacteria into two more kingdoms or separate chromista from all the other protists. In the U.S., however, we stick with six: plants, animals, protists, fungi, archaeobacteria, and eubacteria.

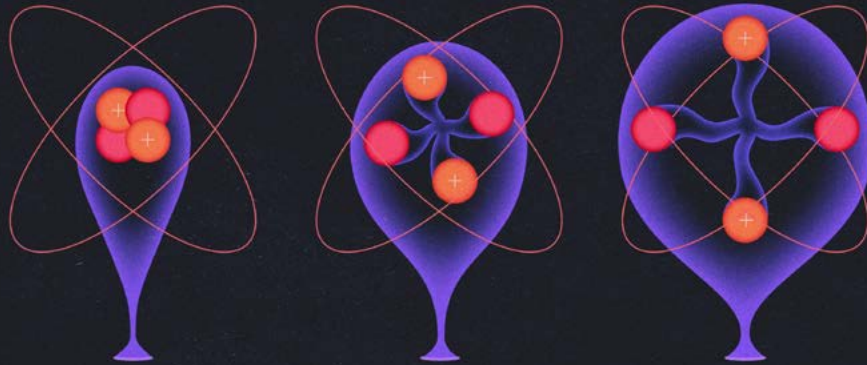
2. THEN: Diamond is the hardest substance. **NOW:** Ultrahard nanotwinned cubic boron nitride is the hardest substance. We've known about two substances ... **Read full text:** <https://www.iflscience.com/9-facts-you-learned-in-school-that-are-no-longer-true-47408>

com/9-facts-you-learned-in-school-that-are-no-longer-true-47408



Image: www.freepik.es

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Excited helium nuclei inflate like balloons, offering physicists a chance to study the strong nuclear force, which binds the nucleus's protons and neutrons.

Nuclear systems

A new experiment casts doubt on the leading theory.

A new measurement of the strong nuclear force, which binds protons and neutrons together, confirms previous hints of an uncomfortable truth: We still don't have a solid theoretical grasp of even the simplest nuclear systems. To test the strong nuclear force, physicists turned to the helium-4 nucleus, which has two protons and two neutrons. When helium nuclei are excited, they grow like an inflating balloon until one of the protons pops off. Surprisingly, in a recent experiment, helium nuclei didn't swell according to plan: They ballooned more than expected before they burst. A measurement describing that expansion, called the form factor, is twice as large as theoretical predictions.

"The theory should work," said **Sonia Bacca**, a theoretical physicist and an author of the paper describing the discrepancy, which was published in *Physical Review Letters*. "We're puzzled."

The swelling helium nucleus, researchers say, is a sort of mini-laboratory for testing nuclear theory because it's like a microscope—it can magnify deficiencies in theoretical calculations. Physicists think certain peculiarities in that swelling make it supremely sensitive to even the faintest components of the nuclear force—factors so small that they're usually ignored. How much the nucleus swells also corresponds to the squishiness of nuclear matter ... **Read**

full text: <https://www.quantamagazine.org/a-new-experiment-casts-doubt-on-the-leading-theory-of-the-nucleus-20230612/>

Halo

Communication using thought alone.

Unbabel's core mission—allowing enterprises to understand and be understood by their customers in dozens of languages—long ago led the company to think outside the “box” to develop several projects in-house ... to explore other ways to communicate. ...

"We had the idea of looking at brain-to-communication interfaces," **Vasco Pedro**, founder and CEO says. ... Unbabel's innovation team, led by **Paulo Dimas**, VP of Product Innovation, looked into the way our brains evolved. ...

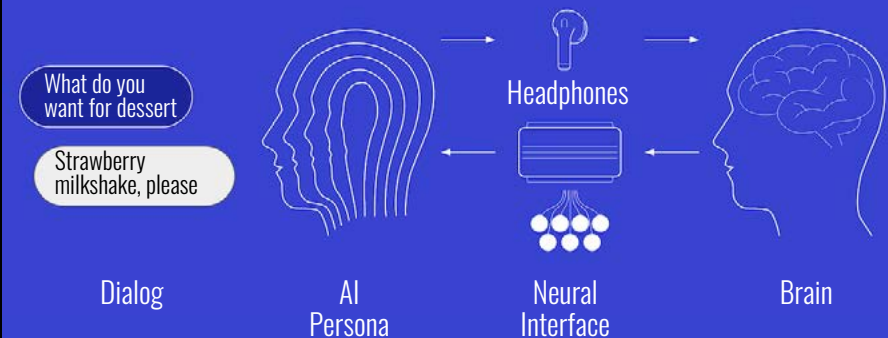
Unbabel's team hit on the idea of using an EMG system. EMG (electromyography) measures muscle response or electrical activity in response to a nerve's stimulation of the muscle. EMG devices are commonplace and trivial. ...

Unbabel dubbed its invention “Halo”

(after “halogram”). An app runs on the wearer's phone that enables access to a central hub for receiving the communication and enables communication with the LLM [large language model, a specialized type of artificial intelligence] and responses. The platform is pulling the OpenAI ChatGPT 3.5 right now. ...

Unbabel is now working with the Champalimaud Foundation in Lisbon, Portugal, which works on advanced biomedical research and clinical care in the field of ALS. Clearly, though, the system could end up being used in other scenarios, such as Cerebral Palsy. The need for better interfaces for patients who cannot speak is ongoing. Right now, so-called “Alternative and Augmentative Communication” (AAC) products ... **Source:** techcrunch.com

Halo Silently Controlled Language Generation



AIU makes a huge contribution to the world by giving new scientifics the space for original investigations and research. Visit [MyAIU Evolution](#)

Adaptive clothing

How it makes life easier for people living with a disability

Adaptive clothes are specially designed for people with a disability. This can mean providing one-handed zippers on shoes, replacing buttons with magnetic closures or designing clothing and footwear so you can get dressed while in a seated position.

The key to effective adaptive clothing is catering for the vast array of needs different consumers have while maintaining style and fashionability. Recently, fashion brands have begun to provide on-trend clothing with new styles, combining fashion and technology for people with a variety of disabilities. Here are five different ways fashion is approaching adaptive clothing.

1. Magnets, not buttons. Under Armour were one of the first to adopt a magnetic zipper in clothing. Their re-designed jacket zip called MagZip uses magnets to connect the ends of the zip, making clothing easier to do up one-handed. Magnets have also been used in shirts, pants and other garments in lieu of buttons. These enable individuals who don't have the dexterity to use buttons to better dress themselves.

2. Shoes without laces. Different iterations of shoes also aim to make the process of tying laces easier or remove the need altogether. Zips can replace traditional laces, enabling shoes to be done up one-handed. ...

3. Clothing for the wearer. Many people with autism are sensitive to certain fabrics or to tags and clothing labels. Baby onesies and traditional bathers which cover the stomach are not always practical for everyone. Their design can be restrictive to people who are tube feed or use ostomy pouches.

Among other designs, Australian adaptive clothing manufacturer Wonsie sells garments with stomach access for people who require medical devices.

4. 3D printing and custom designs. In the past, adaptive products were often designed to be unobtrusive, such as black wheelchairs or flesh-coloured prostheses and hearing aids. But this is changing too. 3D printing and advanced manufacturing are allowing for great flexibility and customised designs of various devices and fashion items.

5. Unique sales platforms. Every Human's Unpaired system allows consumers to purchase single shoes while searching by size, width and a range of adaptive features such as easy to put on, and friendly for those who are wearing ankle/foot orthosis. This can benefit people who have different sized or shaped feet or with prosthetics, where traditional shoes would not suit.

While it seems like a relatively simple idea, this requires brands to have more sophisticated ordering systems. Products must be itemised individually, and tagged with additional features such as left or right shoe, and which adaptive features each side possesses, so consumers can search by their needs.

... Read full text: <https://www.thesouthafrican.com/lifestyle/adaptive-clothing-people-living-with-a-disability/>

Egg chair, designed by Arne Jacobsen in 1958.



Longevity ...versus recyclability

Icons such as the Egg, Swan and Womb chair apply textiles to concave padded surfaces for comfort. This requires the textile to be glued onto foam to hold it in place. The foam is then moulded over a structural frame or surface, connecting three materials together in a way that is almost impossible to separate for repair or recycling. The poor environmental credentials of this material stack have led to the Egg aesthetic disappearing from contemporary design.

Now, ironically, in the case of these iconic chairs, their cultural durability means that they are cherished way beyond their normal and expected lifespans and, like classic cars, through careful restoration, they may indeed last forever. But what about the generations of derivative products whose useful life is so much shorter? They have been incinerated or added to landfill.

... Read full text: <https://www.dezeen.com/2023/08/15/egg-chair-criticism-recycled-luke-pearson-tom-lloyd/>



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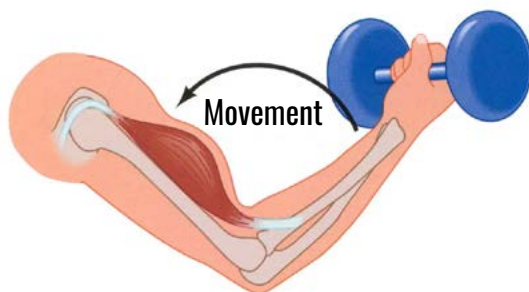
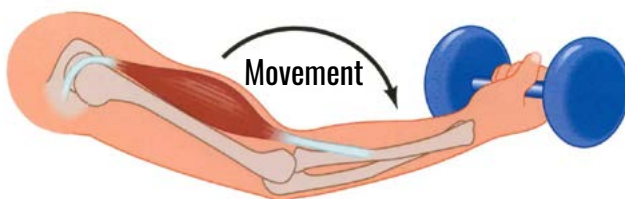
Concentric contraction**Eccentric contraction**

Image: www.coreconcepts.com.sg

Exercise

What is the shortest that grows muscle?

Researchers demonstrate a simple exercise that could get results in just three seconds a day.

When performed three days a week, the surprisingly efficient move was found to significantly improve both concentric (when the muscle shortens) and eccentric (when the muscle lengthens) strength. That's just nine seconds a week, or 36 seconds a month, of activity —surely one of the shortest workouts that can grow muscle.

We know you're probably dying to know what this mystery move could be, so we'll put you out of your misery: it's maximum-effort eccentric biceps contraction. Essentially, lowering a heavy dumbbell from a bent arm to a straight arm.

Previous research, also from Edith

Cowan University, has shown that this exercise can improve muscle strength when performed five days a week for four weeks, but now it seems just thrice might be sufficient to see some benefit.

"Our previous work has shown regular, shorter exercise is more beneficial than a one or two big training sessions in a week," study lead Professor **Ken Nosaka** said in a statement.

"Now, we have a clearer idea of where the tipping point is where you start to see meaningful benefits from such a minimal exercise. These new results suggest at least three days a week are required, at least for the single three-second eccentric contraction training."

Nosaka and colleagues recruited 26 healthy ... [Read full text: https://www.iflscience.com/what-is-the-shortest-exercise-that-grows-muscle-70253](https://www.iflscience.com/what-is-the-shortest-exercise-that-grows-muscle-70253)

Mental health

The most impactful moments of 2023 (so far).

Most conversations about mental health aren't straightforward. They're often rich and rewarding, but also complex, difficult, and even painful. The same goes for the most impactful mental health moments of 2023. There have been triumphant events, like the film *Everything Everywhere All At Once*, with its message about the healing power of connections. Stigma-defying moments, including Sen. **John Fetterman**'s decision to seek treatment for depression and singer **Ed Sheeran**'s discussion of his own mental health challenges, have helped show the public that no one should be ashamed to receive help.

But other turning points have been more alarming than reassuring. U.S. Surgeon General **Dr. Vivek Murthy** has issued two separate advisories this year

raising concerns about the loneliness epidemic and youth social media use. A chatbot meant to support people with an eating disorder gave harmful suggestions about weight loss and body measurement instead.

In general, people may still feel the effects of COVID pandemic isolation, distress that may be compounded by increasing hostility toward minority groups and national tragedies, says **Katie Lee**, director of communications at Mental Health America. **Lee** notes that anti-immigrant and anti-LGBTQ+ rhetoric, mass shootings, and the violent deaths of people of color have taken a toll on people's well-being, particularly those targeted by hate speech and discriminatory. ... [Read full text: https://mashable.com/article/ways-to-talk-about-mental-health-2023](https://mashable.com/article/ways-to-talk-about-mental-health-2023)



Live a better life learning how to keep your body, mind and soul balanced. Visit regularly **MyAIU Body / MyAIU Mind / MyAIU Spirit and MyAIU Energy.**



Image: Dustin Johnson / Reuters / Redux

Maui wildfires

Drought, invasive species, and human development.

Like so many other places around the world, the island of Maui is being swept into the Age of Flames, also known as the Pyrocene. In places where fire is a natural part of the landscape, wildfires now burn with ever greater ferocity, oftentimes spawning their own towering thunderclouds made of smoke, or obliterating ecosystems instead of resetting them for new growth. ...

Maui is in its dry season, but parts of the island were already abnormally parched, to the point of moderate or severe drought, according to the US Drought Monitor. Less moisture in the landscape means that vegetation dries out and piles up, ready to burn. Dry winds exacerbate this problem by scouring the landscape, sucking out any moisture that might remain. In

general, as the atmosphere warms with climate change, the air gets thirstier and thirstier, leading to further desiccation. ...

Historical factors have also conspired to push Maui into the Pyrocene. When Europeans arrived in the late 18th century and established plantations for growing sugarcane and pineapple, they also brought invasive grasses. Now the economics have changed, and those fields lie fallow. But the grasses have spread like a plague. "Those fire-prone invasive species fill in any gaps anywhere else — roadsides, in between communities, in between people's homes ... **Read full text:** <https://www.wired.com/story/the-scary-science-of-mauis-wildfires/#:~:text=In%20the%20immediate%20term%2C%20what%27s,high%20pressure%20system%20has%20formed.>

Clean energy

...clashes with conservation in Brazil's Caatinga.

The Araripe manakin is a Brazilian bird so unique and so threatened that it has its own national conservation action plan. The species, *Antilophia bokermanni*, is endemic to the Chapada do Araripe region of Ceará state, and despite its beautiful contrasting colors and the red topknot of the males, was only described by science in 1998.

Its range is a very restricted 19 square miles straddling the municipalities of Crato, Barbalha and Missão Velha. Because the bird nests near streams, it's known in the Caatinga biome as the "Guardian of the Springs." When the Araripe manakin was formally described, it was classified as critically endangered, a status in which it has remained ever since. Its current population is estimated at approximately 800 individuals.

That's why this bird was one of the highlights in a report presented in 2019 by Qair Brasil, a subsidiary of French renewable energy developer when applying for an environmental license to build the Serra do Mato wind and solar farm complex. The project lies in the border region of Porteiras, Brejo Santo and Missão Velha, which means it overlaps with Araripe manakin territory.

... The most obvious risk posed by wind turbines close to areas where such birds occur is collision with the blades. In the U.S., it's estimated that more than half a million birds die this way every year. ... Under Brazil's current environmental legislation, the National Council for the Environment requires ... **Read full text:** <https://news.mongabay.com/2023/08/fair-winds-or-fowl-clean-energy-clashes-with-conservation-in-brazils-caatinga/>



Image: es.wikipedia.org

Eco Fact: Minority and low income communities have far less access to green spaces than white, affluent communities. Visit MyAIU Knowledge



U.S. Department of Labor photos coming from the investigation showing children working Grand Island, Nebraska, in 2022 (Blurred photos to protect the identities).

Commodification

An appalling reality for many children.

This Spring has seen timely attention to the shocking use of child labour in the U.S. However, this is only the tip of the iceberg when it comes to the current situation of children in the U.S. and worldwide. Attention to children waxes and wanes: **Engels** and **Dickens** wrote about the deplorable, even murderous, treatment of children in 'civilized' Victorian England. Novelists, child victims, **Freud** and **Freudians**, attachment and infant researchers, contribute much to understanding what children endure, what they think, feel, and need. What is described here is not secret... This article summarizes recent research on systemic policies since 1996 that have caused unprecedented and unparalleled cruelty to racialized and impoverished children in the U.S.

This system of extreme abuse is

orchestrated by the courts and includes collaborative and complementary agencies. There is a deception of legal legitimacy although the set-up violates the constitutional separation of the branches of government. Together, the various agencies implement disastrously unjust policies towards Black and other racialized impoverished people.

Daniel L. Hatcher, in his book *Injustice, Inc. How America's Justice System Commodifies Children and the Poor*, describes in detail a frankly apartheid system finely designed to milk every source of revenue from poor children. He describes "factory-like operations", "industrialization of harm", "child support mercenaries". He quotes official contracts that describe foster children as "units" ... **Read full text:** <https://www.counterpunch.org/2023/08/17/the-appalling-commodification-of-children/>

Jujuy, Argentina

An indigenous and working-class rebellion in the lithium triangle.

A pitched battle is taking place in Argentina's lithium-rich north that has global implications with the world-wide expansion of "green capitalism." On one side are Indigenous people, teachers, young people, environmental activists, and precarious workers. On the other, the multinational lithium interests and their Argentinian representatives in government.

For nearly a month, the province of Jujuy has gripped the attention of the nation, with daily demonstrations for salary raises and in rejection of an authoritarian constitutional "reform" imposed by the province's governor, **Gerardo Morales**. To date, activists are maintaining over a dozen road blocks throughout the region.

Police have cracked down heavily on demonstrators, leaving at least 170

people injured, including a 17-year-old boy who lost his eye after police shot him in the face with a rubber bullet. Authorities have also carried out wide-spread arrests with 50 or more demonstrators facing charges. Journalists and human rights organizations have denounced the presence of police infiltrators in protests, illegal raids on homes, the indiscriminate use of tear gas and rubber bullets, among other abuses.

A significant number of those detained during protests have been indigenous people, women, and even children. ... At the center of these clashes is a fight against the exploitation of lithium resources by foreign multinationals. While mining companies are expanding extractive activity and ...

Read full text: <https://www.leftvoice.org/jujuy-an-indigenous-and-working-class-rebellion-in-the-lithium-triangle/>

Demonstrators confronting riot police during a protest against a province constitutional reform, in Purmamarca, province of Jujuy, Argentina, on June 17, 2023.



Image: Edgardo A. Valera / AFP



Image: commons.wikimedia.org

Tarantulas

Back on the streets of San Diego looking for love.

The California black tarantula (*Aphonopelma eutylenum*) and the San Diego bronze tarantula (*Aphonopelma reversum*) are the two species in question —and while neither is particularly dangerous to humans, they can both deliver a nasty bite and have hair that will irritate the skin.

Rural areas such as El Cajon, Ramona, and Poway may be particularly affected as potentially thousands of these tarantulas appear and start looking for love. “It’s like clockwork —right around the middle of August. There are two species of tarantulas in San Diego, and both start their mating season. Right around this time is when the males are leaving their burrows and they’re starting to look for females,” said **Cypress Hansen**, Science

Communications Manager at the San Diego Natural History Museum in a statement in CBS8 in 2022.

Males are most likely to be roaming the streets but may not survive this summer of love as they are occasionally eaten by the females after mating. Female tarantulas will make silk cocoons for the eggs which could be laid in numbers up from 75 to 1,000. The female will even guard the eggs for around 8 weeks until they hatch.

To get to that point though, the males will tiptoe into the underground lair of the female and attempt to transfer sperm to her using his pedipalps. “They use this glove-like apparatus to dispel sperm, and then it deflates ...

Read full text: <https://www.iflscience.com/tarantulas-are-back-on-the-streets-of-san-diego-looking-for-love-70311>

Rights of nature

A legal movement says wildlife have standing, too.

For **Chuck O’Neal**, a lifelong outdoorsman and environmentalist, the moment of truth came on election night 2020, as results rolled in from perhaps the most partisan campaign season in American history.

O’Neal had spent the past two years running a campaign in Orange County, Florida, based on an unorthodox legal doctrine that holds that rivers, mountains and forests should have legal rights, just like people. ...

The legal movement for the rights of nature began with a seminal 1972 law review article, *Should Trees Have Standing*, by **Christopher D. Stone**, a law professor at the University of Southern California, who wrote that he was “quite seriously proposing” giving legal rights to nature.

The idea was famously taken up

by Supreme Court Justice **William O. Douglas** in a dissent in the case *Sierra Club v. Morton*, but couldn’t muster support from a majority of the court.

In the years since then, the concept has surfaced globally in legislation, judicial rulings and constitutional amendments in countries that include Canada, Mexico, France, Colombia, Pakistan, Bangladesh, Bolivia, India, New Zealand, Ecuador and Uganda. At the United Nations, a *Harmony With Nature* program has helped coordinate and advance the movement, with non-governmental organizations playing a leading role.

In the US, rights of nature laws have taken root in more than 30 localities across the country. Florida has become an unlikely ... **Read full text:** <https://insideclimate-news.org/news/19092021/rights-of-nature-legal-movement/>

After 140 years of negotiation, Māori tribe wins recognition for Whanganui river, meaning it must be treated as a living entity [2017].



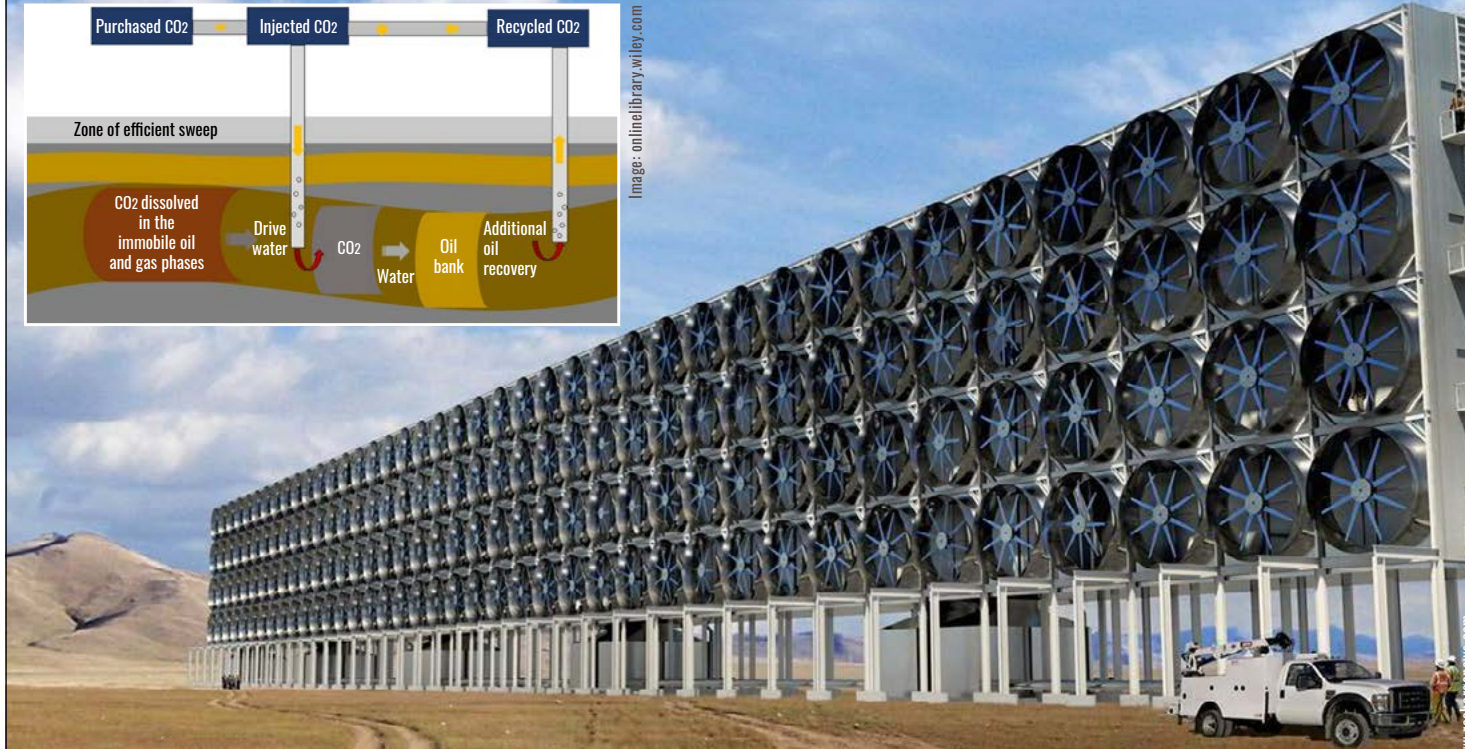
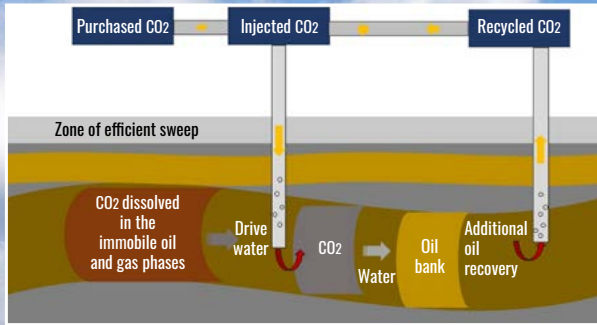
Image: www.theguardian.com

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campus

A guide to being delusional



"Capturing CO₂ emissions using direct-air-capture (DAC) technology requires almost as much energy as that contained in the fossil fuels that produced the carbon dioxide in the first place, according to new analysis." — Leigh Collins for Recharge News.

Step 1: Believe that language creates reality.

Believing that language creates reality is a common flaw in today's postmodern-leaning society. People do it all the time. It's a critical first step in being delusional.

Using the word "clean" in terms like "clean energy" and

"clean technology" is a great example of an attempt to use language to create reality. I've previously described the use of the word "clean" in these terms as thought-terminating dogma because it hides the material realities of what so-called clean energy and clean technologies actually require. When people read the

term "clean technology," they assume it means that technology is good or will somehow "save the planet." They don't think any further about what that technology might involve, because the word "clean" has stopped them from looking more deeply at the issue.

Today's news provides a great example of using the

word "clean" in an attempt to create an alternate reality, otherwise known as a delusion. An article in *E&E News* about direct air capture (DAC) technologies — "massive facilities that remove carbon dioxide from the sky" — is about how the **Biden** administration is providing over a billion dollars in grants for

this new "clean technology industry." Being generous about the meaning of "clean," we understand that "clean" is applied here because these machines capture more CO₂ than they emit as they are running, and, at a few facilities, store that CO₂ in the ground. (To date, most DACs have not stored the CO₂, but rather sold it to — smack your forehead now — oil companies for "enhanced oil extraction," a process that obviously renders the DAC technologies moot in regards to "saving the planet from climate change.") To build the DAC technologies requires mining materials (and destroying the land in the process), refining those materials, manufacturing the machines, installing them, and supplying energy to keep them running — a whole lot of energy, because they are energy intensive technologies. Each one of these steps creates CO₂ emissions.

By using the word "clean," corporations and the **Biden** administration are hoping to create the illusion that DAC technologies will somehow solve climate change and are, as an industry representative is quoted in the article as saying, "a big deal." Never mind that to capture annual global CO₂ emissions would require over 3 million of these

machines. Oh, the profit incentives for that industry! A big deal indeed. You might realize that corporations can win big on both ends of that game: they get paid to emit CO₂ into the atmosphere —by extracting fossil fuels and other materials and selling these materials and the products they make from them— and get paid to make and install DAC technology to pull that CO₂ from the atmosphere and store it or use it to extract more materials. But don't think about that too much, because if you do, you won't be able to complete Step 1.

If the word “clean” is used often enough, by corporations that wish to profit from extraction and from the products they manufacture, by the government administrations that enable these corporations by writing laws and supplying incentives to support their activities, and by the media reporting on all this, then eventually the public comes to believe DACs and other so-called clean technologies are indeed clean. What the general public understands to be clean might be very different from the reality, but say it often enough —“clean, clean, clean!”— and you can convince yourself that all these technologies being described as “clean” appear out of thin

air without even a smudge of dirt from the land destroyed to build them or a single molecule of CO₂ emitted in the process.

Step 1 is complete.

There are many other terms that fall into this category, for instance: “green,” “net zero,” “carbon offsets,” and “nature-based solutions.” These words and the word “clean” have been used successfully to create the illusion that there is such a thing as a “clean technology” or “clean energy.” There isn't.

Words do not create reality, but if you want to delude yourself, believe that they do.

Step 2: Ignore reality.

Once you believe that language makes reality, the second step is to ignore actual reality —the reality of the material, biophysical world.

For instance, to use another example frequently in the news, if you've managed to convince yourself that adding the word “clean” in front of EVs makes “clean EVs” real, to maintain this delusion you must force yourself to ignore the complex, energy intensive, polluting, global coordination of materials and refining, shipping, manufacturing, and waste disposal required to build cars. You must also

ignore the poisoning, ripping, tearing, cutting, and shredding of the natural world that making, using, and disposing of cars and their batteries requires. As with “clean DAC technologies,” this is especially true when we're talking about scaling these technologies globally.

Lithium Americas Corporation's Thacker Pass Lithium Mine will eventually supply enough lithium for one million EV batteries per year (so they say). This is likely an overestimate because corporations like to talk big about themselves, but let's assume this is correct. It sounds like a lot of EV batteries, doesn't it? The reality is, of course, that enough lithium for one million cars is a drop in the bucket when compared to the 1.5 billion cars currently on the planet. Even if the mine were to eventually supply the lithium for 41 million cars (the lifetime of the mine is estimated at 41 years), this is still a fraction of the lithium required for 1.5 billion EV batteries.

Batteries to store grid energy, required for electric grids powered by intermittent “clean” technologies (there's that word again!) such as wind turbines and solar panels likewise require a lot of lithium, much more than car batteries, especially if we

attempt to replace fossil fuels with electricity for lighting, appliances, heating, cooling, industrial processes, etc.

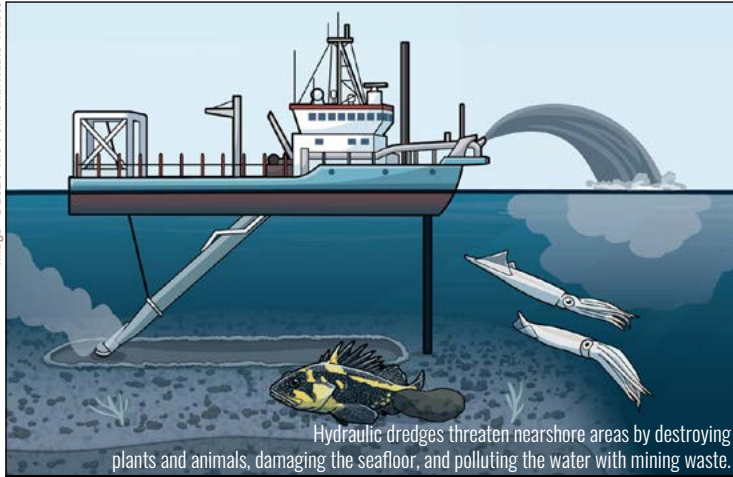
Both kinds of batteries require many other minerals along with lithium, including cobalt, nickel, graphite, manganese, copper, and more. A 2022 Benchmark Minerals report found that more than 300 new mines would be required to meet minerals demand for EV and grid storage batteries, just through 2035. A 2021 paper in *Energies* 2021 found that “[a]n entire year of production from the world's largest lithium-ion battery manufacturing facility —Tesla's \$5 billion Gigafactory in Nevada— could store only three minutes' worth of annual U.S. electricity demand.” A 2021 report by **Simon Michaux** for the federal

government of Finland found that to replace fossil fuels with the first generation of “clean technologies” would require 43 times the known global reserves of lithium.

To believe that manufacturing 1.5 billion EVs and many more billions of grid storage batteries will somehow “save the planet” requires magical thinking at its finest. Corporate PR departments are expert at hiding the dirty details of mining and manufacturing, and great at throwing out big numbers like “enough lithium for one million EV batteries” and claiming this will somehow solve climate change. If you believe them, then you've successfully ignored reality in favor of your delusion, and you've completed Step 2.



Image: greentransportation.info



The terrible realities of what's required to meet global demand for batteries, DACs, and other so-called clean technologies are difficult to ignore, but that's what is required to believe in the delusion of "clean." So practice, because ignoring reality is critical if you want to be delusional.

Step 3: Pretend the Earth is infinitely f*ck-with-able.

If you've successfully completed Steps 1 and 2, then Step 3 should be a breeze. To complete Step 3 you must believe that the Earth is infinitely f*ck-with-able. By that I mean you must believe that we can keep pretending we humans are separate from nature and exempt from natural law. We've already

dissociated ourselves as a species almost entirely from nature (i.e. the real world) with our advanced technologies, both personal and industrial, and almost destroyed nature as a result. How many people can name the trees they see outside their window (if they see any at all)? How many people know that industrial culture has destroyed 90% of old growth forests here in North America? How many people know that deforestation alone threatens ecological catastrophe for our species and many others? Destroying nature means destroying ourselves, since we are part of nature, and without nature, we humans will not exist.

One example of infinitely f*ck-with-able thinking in the recent news is deep sea mining. As of this writing, deep

sea mining looks like it will go ahead, despite many warnings from scientists that it could destroy the oceans, and the marine life who live there (including the marine life that is the primary food source for more than 3 billion people). The oceans are the lifeblood of planet Earth, and destroying them would surely mean destroying ourselves, too.

The mining companies say we "need" the materials that can be extracted from the deep ocean — materials like cobalt and manganese for batteries and "clean technologies" — to address climate change. Even if it were true that mining these materials to make so-called clean technologies could reduce our reliance on fossil fuels, if we obliterate thousands of species in the process, species critical to maintaining the web of life on Earth, then have we really solved the problem? We've already obliterated thousands of species in the process of industrializing the world with fossil fuels; isn't mining more non-renewable materials just making the same mistake we made with fossil fuels all over again?

Mining the land and the oceans for lithium, cobalt,

copper, graphite, and more to keep industrial civilization going just a little bit longer requires believing Earth is infinitely f*ck-with-able. It is short-sighted at best and ecocidal at worst, and yet this is what you must believe if you want to believe in the delusion of "clean technologies" and you want to be successful in Step 3.

Geoengineering is another example of infinitely f*ck-with-able thinking that regularly shows up in the news. Each year, governments and corporations inch further along in their plans for solar geoengineering — spraying the atmosphere with particles that will reflect sunlight in hopes of reducing the impacts of global warming. We are already participating — by no choice of our own — in global geoengineering (see CO₂ emissions, mining, chemical pollution, industrial agriculture, deforestation, urbanization, species destruction, etc.). "What's a little more going to hurt?" you must convince yourself for Step 3, despite decades of warnings from scientists that solar geoengineering could alter weather patterns all around the world and cause crops to fail.

Convincing yourself that the Earth is infinitely f*ck-with-able is just a matter of degree, right? After all, who needs nature when we've got Netflix and virtual reality and online drug stores with 1 hour delivery to f*ck with our consciousness? And, after all, burning fossil fuels has almost doubled pre-industrial levels of CO₂ and other greenhouse gases in the atmosphere, so why not f*ck with the atmosphere some more? And, after all, we are already driving thousands of species into extinction, far faster than normal extinction rates, so why not say, "F*ck the rest of the species; I want my 'clean' technology"?

If you can convince yourself that just a bit more destruction or even a lot more destruction is just fine, because for you, it's been fine so far — you have your iPhone in your hand after all (and soon, in your brain), so it must be fine — then you have successfully completed Step 3. You've convinced yourself that the Earth is infinitely f*ck-with-able, so we might as well keep going.

Congratulations, you are delusional.
Enjoy the fantasy;
it won't last
much longer.

Read text by Elisabeth Robson: https://radfembiphilia.substack.com/p/a-guide-to-being-delusional?fbclid=IwAR3cxAcvQuBI_hTp-lti6Zm7b1o5DT_iB2_thEvUKKaSDT19vZHFwKbBfks

Say what?

“I’m at a place in my life when errands are starting to count as going out.”

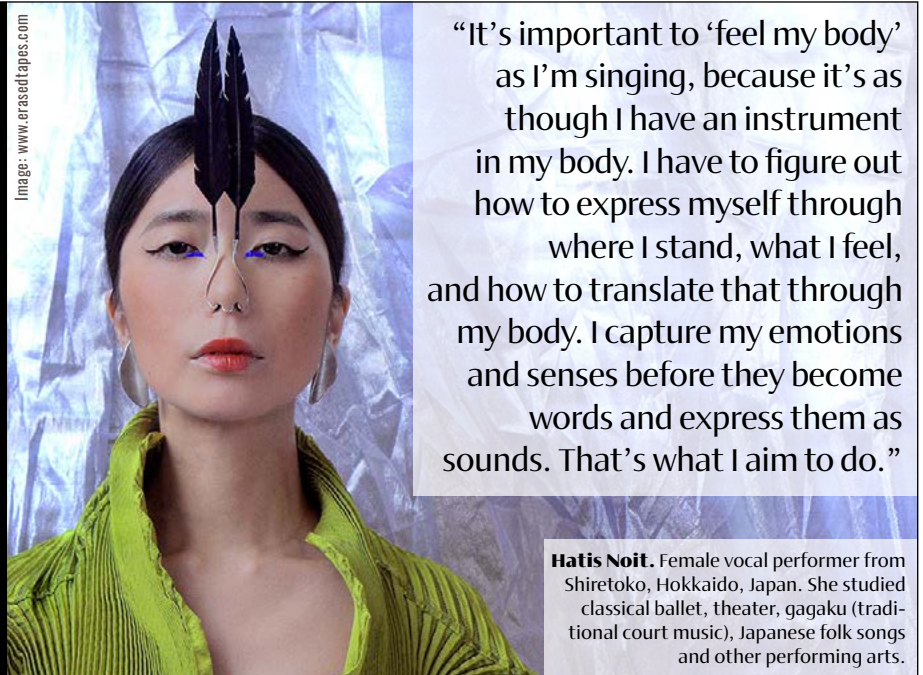
— Anonymous

Source: parade.com



Rolling garden cart. Durable rolling scooter for weeding, farming, or gardening. It has storage space beneath the seat for garden tools, and features a 360° swivel motion. www.homedepot.com

Image: www.erasedtapes.com



“It’s important to ‘feel my body’ as I’m singing, because it’s as though I have an instrument in my body. I have to figure out how to express myself through where I stand, what I feel, and how to translate that through my body. I capture my emotions and senses before they become words and express them as sounds. That’s what I aim to do.”

Hatis Noit. Female vocal performer from Shiretoko, Hokkaido, Japan. She studied classical ballet, theater, gagaku (traditional court music), Japanese folk songs and other performing arts.

Löv Air Purifier. Created with a slim, versatile design, the Löv features a triple filter (pre-filter, carbon and HEPA). This air purifier weighs a little under eight pounds and can be hung on the wall, placed vertically or horizontally on a stand. store.moma.org



Repurposed sari patchwork tea towel. Community artisans stitch repurposed sari squares into one-of-a-kind collages for covering warm bread, as housewarming presents, or for using as a hand towel in the bathroom. www.uncommongoods.com



Apple desktop storage container. Use it to store and hide pens, notepads, clips, charging cables, flash drives and other small office accessories. It is made from recyclable plastic and can be cleaned by washing with soap and water. store.moma.org

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<https://www.aiu.edu/academic-freedom-and-open-curriculum/>

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(Self Evaluation Matrix)
Development of Graduate Study
(Guarantee of an Academic Degree)

Core Courses and Topics

General Anthropology
General Zoology
Introduction to Botany
Fundamentals of Geology
Elements of Mathematics
Logic
Anthropological Theory
Quaternary Geology
Extra-American Prehistory
Psychology
Biological Anthropology
Ethnography
Statistics
American Archaeology
Orientations in
Anthropological Theory
Sociocultural Anthropology
Chair of Research Methods
and Techniques in Sociocultural
Anthropology

Methods and Techniques

Career paths:

The four main career paths for Anthropology graduates are

- Academic
- Corporate and Business
- Government and nonprofit
- Community-based careers

Career opportunities:

- Clinical research coordination.
- Human resources.
- Inter-cultural communication.
- International trade.
- Lobbyist.
- Market research.
- Medical anthropology.

Research Project

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

Publication. Each 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

Pioneer Plaza /
900 Fort Street Mall 905
Honolulu, HI 96813
800-993-0066 (Toll Free in US)
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 philosophical-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 multidisciplinary 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 CHAIRMAN OF THE BOARD OF TRUSTEES	Ricardo González, PhD PROVOST
Dr. Ricardo Gonzalez CHIEF OPERATION OFFICER AND MKT DIRECTOR	Linda Collazo LOGISTICS COORDINATOR	AIU TUTORS COORDINATORS: Deborah Rodriguez Amiakhor Ejaeta Amanda Gutierrez Miriam James Tobi Opoola Leda Molinares
Dr. Miriam Garibaldi VICEPROVOST FOR RESEARCH	Carlos Aponte TELECOMMUNICATIONS COORDINATOR	ADMISSIONS COORDINATORS: Amalia Aldrett Sandra Garcia Junko Shimizu Veronica Amuz Alba Ochoa Jenis Garcia Judith Brown Chris Soto René Córdón
Dr. Ofelia Miller DIRECTOR OF AIU	Juan Mejia ADMISSIONS COORDINATOR AND TRAINING	
Clara Margalef DIRECTOR OF SPECIAL PROJECTS OF AIU	David Jung CORPORATE/LEGAL COUNSEL	
Juan Pablo Moreno DIRECTOR OF OPERATIONS	Bruce Kim ADVISOR/CONSULTANT	
Paula Viera DIRECTOR OF INTELLIGENCE SYSTEMS	Thomas Kim CORPORATE/ ACCOUNTING COUNSEL	
Felipe Gomez DESIGN DIRECTOR / IT SUPERVISOR	Maricela Esparza ADMINISTRATIVE COORDINATOR	
Kevin Moll WEB DESIGNER FRONT-END DEVELOPER	Chris Benjamin IT AND HOSTING SUPPORT	
Daritzza Ysla ACCOUNTING COORDINATOR	Marel Pastrana ACCOUNTING COORDINATOR	
Nadeem Awan CHIEF PROGRAMMING OFFICER	Roberto Aldrett COMMUNICATIONS COORDINATOR	
Dr. Edward Lambert ACADEMIC DIRECTOR	Giovanni Castillo IT SUPPORT	ACADEMIC COORDINATORS: Dr. Adesida Oluwafemi Dr. Emmanuel Gbagu Dr. Lucia Gorea Dr. Edgar Colon Dr. Freddy Frejus Dr. Nilani Ljunggren De Silva Dr. Scott Wilson Dr. Mohammad Shaidul Islam Dr. Betsy Marvel Dr. Antonio Garibaldi
Dr. Ariadna Romero ADVISOR COORDINATOR	Antonella Fonseca QUALITY CONTROL & DATA ANALYSIS	
Jhanzaib Awan SENIOR PROGRAMMER	Vanesa D'Angelo CONTENT WRITER	
Leonardo Salas HUMAN RESOURCE MANAGER	Jaime Rotlewicz DEAN OF ADMISSIONS	
Benjamin Joseph IT AND TECHNOLOGY SUPPORT	Michael Phillips REGISTRAR'S OFFICE	
Rosie Perez FINANCE COORDINATOR		

FACULTY AND STAFF PAGE:
<https://www.aiu.edu/faculty/>

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



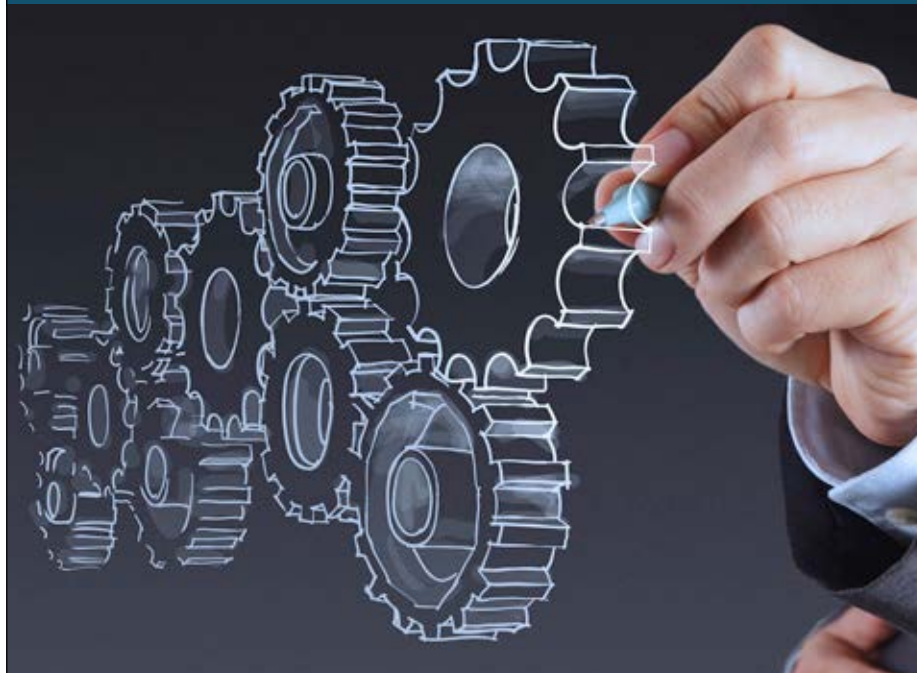
THE SCHOOL OF SOCIAL AND HUMAN STUDIES is focused on to the development of studies which instill a core commitment to building a society based on social and economic justice and enhancing opportunities for human well being.

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 in the 21st 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 21st 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

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:

<https://rep.aiu.edu/ApplyFormHTML/ApplyFormAIN.aspx>