

The underground city of Montreal, in Canada, which was built during the 1960's, now has more than a thousand businesses and restaurants along a network of tunnels, corridors and plazas. This city below the city is very convenient during the cold winters.

MyAIU MAGAZINE
www.aiu.edu

**AIU News + Essays + Education + Culture + Science + Technology
+ Art + Design + Body + Mind + Environment + Human Rights +
Rights of Animals / Nature + Educational Tech + About AIU**

Contents

Directory

Dr. Franklin Valcin
PRESIDENT / ACADEMIC DEAN

Dr. José Mercado
CHIEF EXECUTIVE OFFICER /
CHAIRMAN OF THE BOARD OF TRUSTEES

Ricardo González, PhD
PROVOST

Dr. Ricardo González
CHIEF OPERATION OFFICER
AND MARKETING DIRECTOR

COORDINATION AND
GENERAL TEXT SELECTION
Roberto Aldrett

GRAPHIC DESIGN
CONTENT CURATION FOR
"LEARNING" AND "CAMPUS"
TRANSLATION TO SPANISH
Janice Kelly

Campus Mundi
MY AIU MAGAZINE
Year 11, #121
December 2023
www.aiu.edu

We carefully
choose
the contents
of this magazine
with you
in mind
-to inspire you
and make you
think

Share
your thoughts
with us!

Mailbox
aiumagazine@aiu.edu



In touch

AIU News

- 4** Notes **6** Graduates of the month

Student Space

- 9** Essay by Rosa Hilda Lora
11 Essay by William Nzitubundi Sendihe (2/2)

Learning

Education + Culture / World

- 13** Gaelic Scrabble / Reservation Dogs

Science + Technology

- 14** C elegans / Breathing on Mars

Art + Design

- 15** Abi Loader FX / Wixárika People /
Motocompacto

Body + Mind

- 16** Pupil size / Weighted blankets

Environment

- 17** Is zero waste posible? / Protests in Panama

Human Rights

- 18** Corruption and rights abuses /
"Sensory friendly" store hours

Rights of Animals / Nature

- 19** Smarter dogs / Invisibility cloak

Campus

Global food waste

- 21** Sustainable food management

Be wise & have fun

- 24** Quote: Emily Stoddard
Victorinox Swiss Card
RAINDEK® ETX – Wheelchair blanket
Say what?
100% Recycled toilet paper
Lucas the spider
Flower cushion by Takashi Murakami

Programs at AIU

- 25** Bachelor of Educational Technology

About us

AIU: Who we are

- 27** General information
Accreditation
The AIU difference
Mission & Vision
Organizational Structure
28 School of Business and Economics
School of Science and Engineering
29 School of Social and Human Studies
Online Library Resources
30 Education in the 21st century
AIU service



in touch

Elected Secretary of Council

NOVEMBER 7, 2023.

Following a vote from the National Council of Chadian Petroleum Companies, AIU Graduate **Mahamat Lamine Yacoub**, has been elected Secretary



marketers, service stations and oil companies throughout the country.

Mahamat Lamine Yacoub has completed a Doctorate program in Business and Economics at **Atlantic International University**.

General of this Council. This council brings together all the

Article published



OCTOBER 25, 2023.

One of our students, **Kanbiro Orkaido Deyganto**, who is enrolled at AIU in the Doctorate of Business Administration & Finance program, has just published an article in the *Qeios* journal, London, UK.

His research article, titled “*Determinants of Micro, Small and Medium Enterprises (MSMEs)*”

Sustainable Development in Africa”, highlights the crucial factors that contribute to the sustainable development of MSMEs in Africa, shedding light on their economic and social impact. This publication signifies not only his personal achievement but also the valuable contribution to the scholarly discourse surrounding sustainable development. Article: <https://www.qeios.com/read/QG42D5>

Lecture at UASD Anniversary

OCTOBER 25, 2023. One of our students, **Lucila M. Del Rosario Romero**, contributed to the

organization of the event for the 485th anniversary of the Autonomous University of Santo Domingo, where she gave a lecture about mental health.



You can watch the video (Spanish) here: <https://youtu.be/rQMz1nQhSU?si=wXq58pTw3GbgNYkz>

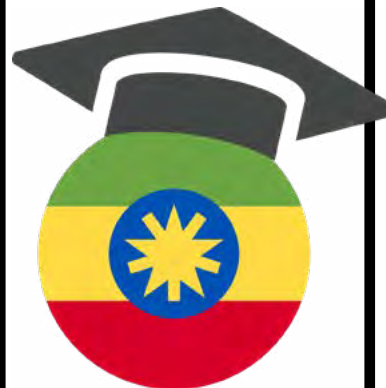
Lucila has completed a Doctorate program in Human Development Psychology at **Atlantic International University**.

Books contributed by AIU

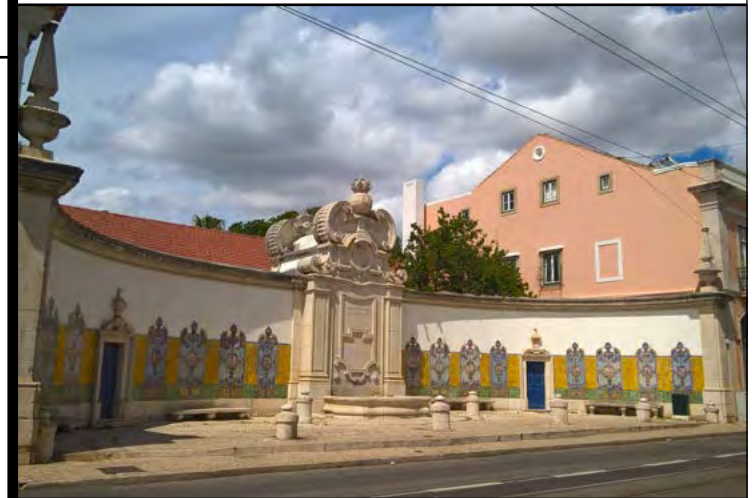
OCTOBER, 2023. Atlantic International University has just contributed two books to the Arba Minch University of Ethiopia. Both books were published by AIU’s Academic Advisor, **Dr. Kanbiro Orkaido**, who has been acting as an ambassador for the Arba Minch University, our esteemed institution in Ethiopia.

The books are titled *Win Exam in Management* and *Win Exam in Accounting and Finance*.

This endeavor not only showcases the quality of education provided by **Atlantic International University** but also helps in positioning our institution as a beacon of knowledge within the Ethiopian academic landscape.



24TH INTERNATIONAL CONFERENCE ON Knowledge, Culture, and Change in Organizations



Call for Papers

This Conference will be held **July 3–5, 2024** at Lusiada University, Lisbon, Portugal.

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

2024 Special Focus:

“The future we want: Organizational responsibilities for climate responses”

Theme 1: Organizational intangibles and tangible value

Theme 2: Knowledge

economies as the constant
Theme 3: Organizations as knowledge makers
Theme 4: The value of culture and the demand of change

Become a Presenter:

1. Submit a proposal
2. Review timeline
3. Register

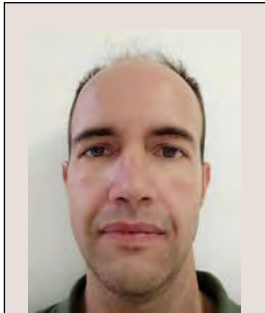
Early proposal deadline
December 3, 2023

Early registration deadline
January 3, 2024
Regular registration deadline
June 3, 2024

Visit the website:
<https://organization-studies.com>

Distinction

NOVEMBER, 2023. This graduate student completed their program with a high cumulative grade point average, which reflects the quality of performance within their respective major. **Congratulations!**



DISTINCTION

Francisco Antonio Moreno

MASTER OF EDUCATION
Educational Technology

DOCTOR OF THEOLOGY
Theology



DISTINCTION

Magdalena Jean-Louis

DOCTOR OF SCIENCE
Health Education



DISTINCTION

Mohamad Ayach

DOCTOR OF PHILOSOPHY
Sustainable Parametricism Architecture



DISTINCTION

Andrea Belvie Ann Etienne

DOCTOR OF PSYCHOLOGY
Educational Psychology



CUM LAUDE

María Camila Mejía Pedraza

BACHELOR OF SCIENCE
Addiction Counseling

Honors

NOVEMBER, 2023.

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

Congratulations!

22ND INTERNATIONAL CONFERENCE ON Information, Medium & Society



Call for Papers

This Conference will be held **June 26–28, 2024** at Sapienza University of Rome, Rome, Italy + Online.

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:

“Traveling Concepts: Publishing systems and the transfer and translation of ideas”

Theme 1:

Information foundations

Theme 2:

Mediums of disruption

Theme 3:

Social History and impacts

Become a Presenter:

1. Submit a proposal
2. Review timeline
3. Register

Regular proposal deadline

March 26, 2024

Regular registration deadline

May 26, 2024

Visit the website:

<https://informationmediumsociety.com>

FIND MORE NEWS FROM AIU FAMILY

Latest News: <https://www.aiu.edu/aiu-news/>



Graduates of the month

Image: www.freepik.es

NOVEMBER 2023

Jonathan Elias Giron
BACHELOR OF SCIENCE
Civil Engineering
BELIZE

Carolyn Louise Crawford
MASTER OF SCIENCE
Procurement, Logistics and S. C. Mgmt.
BELIZE

Marco Antonio Machado dos Santos
DOCTOR OF PHILOSOPHY
Physical Education and Sports
BRAZIL

Erika Tatiana Buñay Noboa
DOCTOR OF SCIENCE
Public Health and Epidemiology
CHILE

José Luis Pires Pereira
BACHELOR OF SCIENCE
Psychology
CHINA

Luis Alfonso Perez Lozano
BACHELOR OF SCIENCE
Architecture
COLOMBIA

María Camila Mejía Pedraza
BACHELOR OF SCIENCE
Addiction Counseling
COLOMBIA

Juan Diego Cardona Echeverry
MASTER OF BUSINESS ADMINISTRATION
Business Development and Innovation
COLOMBIA

John Fredy Arteaga Sánchez
MASTER OF SCIENCE
Counseling Psychology
COLOMBIA

Gonzalo Augusto Henao Rico
DOCTOR OF EDUCATION
Education
COLOMBIA

Alejandro Quijano Ardila
DOCTOR OF SCIENCE
Civil Engineering
COLOMBIA

Silvia Elizabeth Prado Congo
BACHELOR OF SCIENCE
Psychology
ECUADOR

Victor Francisco Guailas Medina
BACHELOR OF SCIENCE
Civil Engineering
ECUADOR

Namawu Alhassan
MASTER OF SCIENCE
Public Health
GHANA

Nicholas Tetteh
DOCTOR OF FINANCE
Financial Management
GHANA

Oghene Augustine Onome
POST-DOCTORATE OF SCIENCE
Cybersecurity Management
GHANA

Sister Agatha Ifenkwe
DOCTOR OF SCIENCE
Organizational and Human Development
GHANA

Gifty Acheampomaa
DOCTOR OF PHILOSOPHY
Epidemiology
GHANA

Milton René Orozco López
BACHELOR OF BUSINESS ADMINISTRATION
Management
GUATEMALA

Windy Carolina Miranda Ramírez
BACHELOR OF MANAGEMENT
Consulting and Image Management
GUATEMALA

Francisco Antonio Moreno
MASTER OF EDUCATION
Educational Technology
ITALY

Francisco Antonio Moreno
DOCTOR OF THEOLOGY
Theology
ITALY

Charles Nzasibenyo Nyameh
DOCTOR OF ARTS
Addiction Counseling
IRELAND

Murlin Grant McCalla
BACHELOR OF EDUCATION
Education
JAMAICA

Samuel Anthony Scott
BACHELOR OF SCIENCE
Civil Engineering
JAMAICA

Ava Joy Lindo
BACHELOR OF SCIENCE
International Relations
JAMAICA

Sandra Caroline Panton
DOCTOR OF HUMAN RESOURCES
Human Resources Management
JAMAICA

Okoth George Odhiambo
DOCTOR OF SCIENCE
Geographic Inf. System and Remote Sensing
KENYA

Mitchel Ingado
BACHELOR OF SCIENCE
Civil Engineering
KENYA

Ares Alberto Rodriguez Garza
BACHELOR OF SCIENCE
Electrical Engineering
MEXICO

Mariana Zorrilla Cantú
BACHELOR OF SCIENCE
Nutrition
MEXICO

Henry Levi Anyim
BACHELOR OF LEGAL STUDIES
Legal Studies
MONGOLIA

This month we have graduates from: Belize · Brazil · Chile · China · Colombia · Ecuador · Ghana · Guatemala · Italy · Ireland · Jamaica · Kenya · Mexico · Mongolia · Mozambique · Nigeria · Panama · Paraguay · Peru ·

Aboobakar Filipe Pequenino Covela
DOCTOR OF PHILOSOPHY
Public Health and Epidemiology
MOZAMBIQUE

Gabriel Obuah
MASTER OF SCIENCE
Renewable Energy
NIGERIA

Raphael Ugbodu
DOCTOR OF BUSINESS ADMINISTRATION
Business Administration
NIGERIA

Irene Nwaulari Ugwoke
MASTER OF MANAGEMENT
Business Management
NIGERIA

Benedict Omoikhudu Ohiovbeunu
DOCTOR OF MANAGEMENT
Risk Management
NIGERIA

Adedayo Adebisi
DOCTOR OF PHILOSOPHY
Human Resources Management
NIGERIA

Ana Elisa Villalaz Sánchez
DOCTOR OF PSYCHOLOGY
Neurodevelopmental Disorders
PANAMA

Andrés Florentin Benítez Ruíz Díaz
MASTER OF BUSINESS ADMINISTRATION
Banking and Finance
PARAGUAY

Ricardo Velásquez Ramírez
DOCTOR OF SCIENCE
Political Science
PERU

Tomás Javier Olmo Colón
DOCTOR OF EDUCATION
Education and Technology
PUERTO RICO

Rurangwa Damas
DOCTOR OF PHILOSOPHY
Electrical Energy Audit
RWANDA

Magdalena Jean-Louis
DOCTOR OF SCIENCE
Health Education
SAINT LUCIA

Mustafa M.J. Abukhurma
DOCTOR OF PHILOSOPHY
Healthcare Management
SAUDI ARABIA

Cordelia Clara Adeline Pratt
BACHELOR OF HUMAN RESOURCES
Human Resource Management
SIERRA LEONE

Umaru Tamba Lamin
MASTER OF SCIENCE
Environmental Engineering
SIERRA LEONE

Daniel Rankadi Mosako
DOCTOR OF SOCIAL AND HUMAN STUDIES
Museum Studies
SOUTH AFRICA

Raphala Mahlodi Asnath
DOCTOR OF EDUCATION
Educational Technology
SOUTH AFRICA

Paul Nang Majok Nang
POST-DOCTORATE OF DEVELOPMENT
International Peace and Development
SOUTH SUDAN

Jose Manuel Montaña Martínez
BACHELOR OF SCIENCE
Architecture
SPAIN

Shaban Zacharia
DOCTOR OF SCIENCE
Project Management
TANZANIA

Alpha Jawo
BACHELOR OF SCIENCE
Computer Science
THE GAMBIA

Jose Antonio Arranhado
BACHELOR OF SCIENCE
Political and Legal Studies
TIMOR LESTE

Morrisa Myrtle Singh
DOCTOR OF PHILOSOPHY
Business Administration
TRINIDAD

Şahin Kutun
BACHELOR OF ARTS
Business Administration
TÜRKIYE

John Ndyahikayo
DOCTOR OF SCIENCE
Public Health
UGANDA

Davis Barugahare
DOCTOR OF PHILOSOPHY
Finance
UGANDA

Magimbi Stephen Kafeero
DOCTOR OF BUSINESS ADMINISTRATION
Business Administration
UGANDA

Tangu Priscilla Shamantha
BACHELOR OF ARTS
Human Studies
UGANDA

Tumwine Murangira Francis
DOCTOR OF PROJECT MANAGEMENT
Project Management
UGANDA

Helle Justesen
MASTER OF SCIENCE
Psychology
UNITED KINGDOM

Purity Chizhande
BACHELOR OF SCIENCE
Computer Science
UNITED KINGDOM

Mohamad Ayach
DOCTOR OF PHILOSOPHY
Sustainable Parametricism Architecture
UNITED KINGDOM

Andrea Belvie Ann Etienne
DOCTOR OF PSYCHOLOGY
Educational Psychology
USA

Ethenia A. Scott
BACHELOR OF CHEMICAL ENGINEERING
Chemistry
USA

Kimonia Amanda Thompson
MASTER OF EDUCATION
Education
USA

Sara Dayana Parra Rivera
BACHELOR OF SCIENCE
Psychology
USA

Alberto Manuel Poletti Adorno
BACHELOR OF ENGLISH LANGUAGE
Legal Translation
USA

Ronald Chandra
MASTER OF BUSINESS ADMINISTRATION
Business Management
USA

Petronella Isiteketo
BACHELOR OF BUSINESS ADMINISTRATION
Business Administration
ZAMBIA

Mulenga Godfrey Kwapa Tukuta
DOCTOR OF SCIENCE
Business Administration
ZAMBIA

Chativi Zelphah Chidyagwai
BACHELOR OF BUSINESS ADMINISTRATION
Business Administration
ZIMBABWE

FIND MORE GRADUATES

Gallery / Interviews:
<https://www.aiu.edu/media-center/>



Image: www.freepik.es

Universities and their contribution to peace



Image: www.freepik.es

University of Bologna

Universities as such arise from the cathedral and monastic schools of the 12th and 13th centuries.

The word university comes from the Latin *Universitas Magistrorum et Scholarium* whose meaning is “Community of Professors and Academics”.

The first University is

considered to be that of Bologna —1088, Italy— because it’s the first to use the name *Universitas* at its creation; It’s also the first to issue high-level academic qualifications.

Nowadays Universities have the function of maintaining Culture, Teaching and Research.

Regarding Research, independently of universities, there are countries that have Research Institutes: Universities the Broad Institute of MIT – Massachusetts Institute of Technology, and Harvard University, both in the United States; about institutes: the Max Planck in Germany and

the French National Center for Scientific Research in France.

Universities nowadays have extended all the functions already mentioned.

In Teaching they have looked for ways for students to finish their programs because in today society Education is very important to acquire the skills and knowledge to be part of a globalized society.

They can be titled by:

Professional Exam – Research work – Thesis.

Professional experience.

Continuing to a higher grade level with which they completed the Program.

Working for a certain time in companies determined by the government of the country to which they belong,

On Average.

Thesis in teams that can be international.

Taking exams at State Research Institutes.

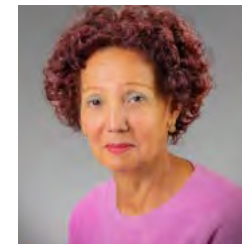
When the student finishes his program, the payment factor of all the fees that the

Universities in turn must have pay to the States is added to it and therefore the students must cover the cost.

Students at any University are struggling to reach a level of knowledge and skills that they don’t yet have to offer to the job market and money is not what many have plenty of.

This cost of finishing the studies becomes difficult for the students and in turn for the Universities because then their performance is affected by something that is not academic.

Universities need to have the service they offer in the results, therefore in the graduates.



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

The tension is added to the completion of studies because in many Universities the process of preparing any research work was not what they did during their program.

A research paper is necessarily a logical scheme and logic has been removed from almost all study programs. Science remains a logical scheme.

At Universities they give students a scheme with how to do an investigation where the possible methods to use and the techniques to present what has been done are distinguished step by step but given the little practice in the procedure the student feels that he is lost, hence the anguish to finish his program.

At **Atlantic International University** —AIU— where you are doing your studies, in whatever program, from the beginning you work with a scheme that, although they don't tell you, is a logical scheme and they ask you to do your work following that scheme so for your final project, whatever it may be, you have no problems executing it.

Let's now see how from the Universities we can contribute to the peace.

On September 21, 2023, the UN celebrated the *International Day of Peace* and within the Conference of its Secretary **General Antonio Guterres**,

the central points were the **Sustainable Development Goals in relation to Peace Education and Disinformation**.

"The promotion of peace contributes to the achievement of the Sustainable Development Goals (SDGs) and achieving these goals will create a culture of peace". *UN- International Day of Peace, September 21. <https://www.unrg/es/observances/international-day-peace#:~:text=El%20a%C3%B1o%202023%20marca%20el,que%20supone%20un%20paso%20intermedio>*

The purpose of creating a day of peace is to avoid wars given what happened with the two world wars.

The United Nations Security Council is the one that establishes the provisions to follow to achieve peace in situations where it has been broken.

"In accordance with the provisions of its 'Union for Peace' resolution of November 1950 (*resolution 377(V)*), the General Assembly may also adopt measures if the Security Council fails to do so, due to the vote against a permanent member, unless a permanent member votes against, in situations where there appears to be a threat to the peace, a breach of peace or an act of aggression." *UN - Peace, Dignity and Equality on a Healthy Planet. <https://www.un.org/es/global-issues/peace-and-security>*



Image: www.freepik.es

From the above it follows that in conflicts that threaten peace the UN will try to generate solutions to find peace between countries.

Universities can contribute to Peace by generating publications that, as they belong to the sciences, they present the truth.

One of the problems in the society in which we live and discussed on the International Day of Democracy on September 15, 2023, was **misinformation**.

The world we are living in is full of misinformation through platforms whose purpose seems to be to obtain

money regardless of what they publish.

Nowadays we already have countries that have created laws to prevent the damage they do.

At **Atlantic International University**, where you do your program, your work is published as long as you make a well-prepared document following the guidelines they give you, where you solve a problem

BIBLIOGRAPHY. ONU- Día Internacional de la Paz, 21 de septiembre <https://www.unrg/es/observances/international-day-peace#:~:text=El%20a%C3%B1o%202023%20marca%20el,que%20supone%20un%20paso%20intermedio> | ONU - Contrarrestar la desinformación. <https://www.un.org/es/countering-disinformation> | ONU- Paz, Dignidad e Igualdad en un planeta Sano <https://www.un.org/es/global-issues/peace-and-security>

in your community, national or international.

With the publication of your works, you are introducing yourself into the society that today's world needs.

For peace we can work in the environment in which we operate.

Living in peace must be possible!

Successful communication and communicative competence in language teaching/learning

William Nzitubundi Sendihe | Doctor of Education in Applied Linguistics | Part 2/2



6. Reference
According to Lyons (1977), reference is like the orientation or the connection that grips between utterances and things: words refer to things, between language and the world, in the absence of language users. In another

statement, the same writer explains the nature of reference by declaring that it is the speaker who refers (by using some appropriate expression) to the act, he invests the expression with reference by the act of referring. Referring is not something an expression

does; it is something that someone can use an expression to do.
7. Presupposition
Presupposition is the concept of practical and realistic assumption. It is defined in terms of expectations the speaker

makes about what the listener/hearer will possibly agree on without contest or resistance. Linguistics professionals consider presupposition as what is taken by the speaker to be common ground of the conversation members/ participants.

8. Implicatures
The term 'implicature' is used to explain what the speaker implies, suggests, or means, as distinct from what he/she exactly says. There are conventional implicatures; which are determined by the conventional meaning of the words used. Of much greater interest is the notion of conversational implicature; resulting from an overall belief of conversation plus a number of popular sayings, adages or proverbs that speakers will normally conform to.

The general principle is called the Cooperative Principle; as presented by Grice, H.P (1975), in the following terms:
Make your conversational contribution the way it is required, from the stage at which it occurs, by the accepted purpose or direction of the talk exchange in which you are engaged.

The following are conversational conventions or maxims that support Grice's Cooperative principle:

Maxim of Quantity: Make your support or contribution as instructive as is required (for the actual purpose of the exchange), and do not give more contribution than needed.

Maxim of Quality: Only say what you believe is true, and avoid saying what you know is false or something for which you do not have adequate evidence.

Maxim of Relation: Be pertinent; i.e. relevant.

Maxim of Manner: Be perspicuous and clear enough, avoid obscurity of expression, avoid ambiguity, be brief, (avoid unnecessary prolixity), and be orderly.

Grice makes it possible to describe what types of meaning a speaker can convey by 'flouting' one of these maxims. This 'flouting' of a maxim results in the speaker conveying, in addition to the literal meaning of this utterance, an additional meaning; which is a conversational implicature.

Let us consider the following exchange as an example:

A: I am out of fuel.

B: There is a garage round the corner.

In this exchange, the implicature, derived from the assumption that speaker B is adhering to the Cooperative Principle is that the garage is not only round the corner, but also will be open and selling petrol. We might also note that, in order to arrive at the implicature, we have to know certain facts about the world, that garages sell petrol, and that ‘round the corner’ is not a long distance away. We also have to interpret A’s remark not only as a description of a particular state of affairs, but also as a request for help. When the study of the intended meaning goes beyond the exact meaning of the “sentence-on-the-page”, a vast number of related issues have to be considered.

Implicatures are partially derived from the conventional or literal meaning of an utterance, produced in a specific context which is shared by the speaker and the hearer, and depends on an acknowledgment by the speaker and the hearer of the Cooperative Principle and its maxims. Implicatures have to be considered as integrally indefinite because since they originate from a supposition that the speaker has the

intention of conveying the meaning and conforming to the Cooperative Principle. Since the hearer has only limited access to what the speaker intended, or how sincerely he was behaving in the production of a discourse fragment, any claims regarding the implicatures identified will have the status of interpretation.

9. Inference

Since the hearer has no direct access to a speaker’s intended meaning in producing an utterance, he/she often has to rely on a process of inference to arrive at an interpretation of utterances or of the connection between utterances. It may be the case that we are capable of deriving a specific conclusion from specific premises via deductive inference:

- (a) if it is sunny, it is warm
- (b) It is sunny
- (c) So, it is warm.

Let us consider the following statement: In the kitchen there was a huge dresser and when anyone went in you would see the hats and coats were all dumped on this dresser. We are more probably operating with a rather loose form of inference; which leads us to believe that the hats and coats mentioned in the above statement belong to visitors to the house which has the dresser in its kitchen!

The main task is to

determine what we can know about the meaning and the context of an utterance given only the knowledge that the utterance has occurred. Whenever we find some sentence in context, we should ask ourselves what the effect would have been if the context had been slightly different.

Conclusion

A retrospective glance through the content of this article, shows that a good usage of the language is what leads to successful communication. By “good usage”, here we mean the communicative practice of a language with logical coherence of words in order to be understood by our interlocutor, i.e. the hearer, or the reader.

Foreign language learners need to be encouraged by getting good models and encouragements from teachers/facilitators, toward language practice through interactions between the two parties in communication, that is, the speaker and the hearer, the writer and the reader, or between those using sign language. This is what we understand by “communicative approach” that leads to “communicative competence”. When we achieve these two, we achieve successful communication. THE END



Image: www.freepik.es

BIBLIOGRAPHY. Auwera, J. V. D. (1981). *What Do We Talk about when We Talk? Speculative Grammar and the Semantics and Pragmatics of Focus*. Amsterdam: John Benjamins | Bloomfield, Leonard (1983) [1914]. *An Introduction to the Study of Language: New edition*. Amsterdam: John Benjamins Publishing. ISBN 978-90-272-8047-3. | Giglioli P.P. (1972). *Language and Social Context*. London: Penguin Books Ltd | Green, G. (1989). *Pragmatics and Natural Language Understanding*. Hillsdale, NJ: Lawrence Erlbaum Associates. | Grice, H.P. (1975). *Logic and Conversation in Cole, P. and Morgan, J.L. Syntax and Semantics Vol. 3*, Harvard University Press. | Kambale, M.B. (1996). *Applied Linguistics lecture notes*, ISP Bukavu, DRC | Leech, G. (1983). *The Principles of Pragmatics*. London and New York: Longman | Lyon, J. (1977). *Semantics*. Cambridge: Cambridge University Press | Martinich, A. P. (1996). *The Philosophy of Language, (Syntax, Semantics and Pragmatics)*, Third Edition. Oxford: OUP. | Sadock, J.M. (1974). *Towards a Linguistic Theory of Speech Acts*. New York: Academic Press | Savignon, J. (1973). *Communicative Competence: An Experiment in Foreign Language Teaching*. Philadelphia: The Centre for Curriculum Development. | Steve, H. (1996, update in 2006). *Educational Linguistics: The Acquisition of Literacy* | Stubbs, M. (1983). *Discourse Analysis: The Socio-Linguistic Analysis of National Languages*. Oxford: Basil Blackwell | Trudgill, Peter (1995): *Sociolinguistics: An introduction to language and society*, London, Penguin Books. | Wright, T. (1988). *Roles of Teachers and Learners*, OUP, London. | Internet sources: www.brusov.am · www.mod-linguistics.com · www.dialogweb.org · www.criticism.com

Publications by Students: aiu.edu/StudentPublication.html



learning



A visual mock-up of Scottish Gaelic Scrabble.

Gaelic Scrabble

...launched to help keep language alive in Scotland.

The language of Gaelic has been spoken in Scotland since at least the 10th century and was at one time the country's main language, widespread in towns and cities across the nation. ...

Since the union of Scotland and England in the early 18th century, though, it has been in decline. These days you are most likely to find native Gaelic speakers in the Highlands and Islands of Scotland, with concerns having been raised about the future of the language.

Now, a new initiative from community cafe and Gaelic cultural centre An Taigh Cèilidh —known to locals in Stornoway on the isle of Lewis as “the Gaelic Cafe” — seeks to turn the tide with the release of the first Gaelic edition of the board game Scrabble, arriving just in time for Christmas.

Produced in collaboration with

London-based Tinderbox Games, who manufacture and distribute a range of Scrabble editions, the Gaelic version will contain only the 18 letters found in the Gaelic alphabet (J, K, Q, V, W, X, Y and Z do not feature), and includes the grave accent on vowels À È Ì Ò and Ù. The frequency with which each letter appears has been reconsidered to reflect its usage in Gaelic, and scoring has been reformulated to reflect the respective ease and difficulty of using different letters in the language. ...

Tinderbox Games already produce language versions including Welsh, Irish, Latin, Icelandic and Faroese, said CEO **Jim Harrison**, who pointed out that no two versions are the same, due to linguistic differences. ... **Read full text:** <https://www.theguardian.com/uk-news/2023/nov/19/gaelic-scrabble-launched-to-help-keep-declining-language-alive-in-scotland>

Reservation Dogs

Community is about acknowledging even the connections you can't see.

Perhaps the most significant of this year's miraculous occurrences is that FX's *Reservation Dogs* —a series that has featured an entirely Indigenous cast with no previously known stars of any kind, and is at least partially narrated by the ghost of a warrior named *William Knife-man* who died at the Battle of Little Big-Horn— is ending, triumphantly, on its own terms after three seasons.

The show premiered in 2021 partly thanks to the efforts of **Taika Waititi** who co-created the series with filmmaker **Sterlin Harjo** and then ceded creative control to **Harjo** and his (again, entirely Indigenous) writers' room full of improv comedians and poets. *Reservation Dogs* is a show about the tragicomic exploits of all the people (and spirits) living on a reservation in Okern, Oklahoma, told from the point

of view of four kids who are absolutely desperate to leave. Our heroes begin the series bored and depressed, and rather than invent ways to divert them, the show hones in on their boredom and depression, giving it gentle, granular attention. ...

Numerous characters throughout this final season repeat the same maxim: “Everything is connected.” And that's a fine explanation for the presence of all the stargazers and spirits that wander across our screen. Everything might be connected, but that doesn't mean that it will snap into place. This final season is in some sense about what the show's sometimes frustrating, sometimes sublime structural choice —to be a show about a community, not a clique within it— really means. **Read full text:** <https://newrepublic.com/article/175052/reservation-dogs-miracle-fx-tv-review>



Find Open Courses and a world of learning granted by AIU at courses.aiu.edu Help others study and change their lives. Visit MyAIU Pledge.



Caenorhabditis elegans

First wireless map of its nervous system has been revealed.

Researchers have made a huge step forward in understanding how neurons communicate through extremely short proteins called neuropeptides. The map of the *C. elegans*, which details 31,479 neuropeptide interactions between the worm's 302 neurons, shows where each neuropeptide and its receptor acts in the animal's nervous system. It will help scientists better understand how widespread neuropsychiatric conditions like eating disorders, obsessive compulsive disorder and post-traumatic stress disorder originate.

Neuropeptides are signalling molecules produced by neurons that allow them to communicate 'wirelessly' with each other, even if the neurons are not immediately next to each other. As well

as generating the first comprehensive map of neuropeptide signalling in a whole animal, the researchers found that the wireless neuropeptide network in *C. elegans* has a different structure from wired connections. They are denser, more decentralised, and have different key neurons, or hubs. The wireless network also connects parts of the nervous system that are isolated from the wired connectome. ...

The researchers built the map by combining biochemical, anatomical and gene expression datasets, using them to determine which neurons can communicate with each other using specific neuropeptide signals. ... **Read full text:** <https://www.ukri.org/news/first-wireless-map-of-worms-nervous-system-revealed/>

Breathing on Mars

AI chemist brings us one step closer to achieving it.

NASA has successfully demonstrated that it is possible to produce oxygen on Mars with the experiment MOXIE, brought over by the Perseverance rover. Now, a Chinese team has shown that it might be possible to produce oxygen on Mars using only material present on the Red Planet.

Since the AI was here on Earth, it did not use actual Martian soil, but meteorites from Mars. The algorithm worked out what molecules could be used to create oxygen evolution reaction (OER) catalysts. These catalysts would be used to turn water into oxygen using solar power. Water is not an abundant resource on Mars, but there are deposits.

The AI chemist analyzed the composition of five types of Martian meteorites by shooting lasers at them. ...

The resulting catalyst was excellent. Researchers report that it could operate steadily for over 550,000 seconds (almost 6 days and 9 hours) with an electric current density of 10 milliamps per square centimeter and an overpotential of 445.1 millivolts. The team also tested it at below-freezing temperatures, consistent with temperatures that are found on Mars, with no apparent degradation. ... The AI found 3,764,376 possible formulas. For a single human, finding the optimal formula from those would require 2,000 years of labor. The AI chemist was able to do it in two months. ... The team is now looking at applying the AI chemist to more terrestrial challenges in chemical discovery.

Read full text: <https://www.iflscience.com/>

[ai-chemist-brings-us-one-step-closer-to-breathing-on-mars-71544](https://www.iflscience.com/ai-chemist-brings-us-one-step-closer-to-breathing-on-mars-71544)



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



Abi Loader FX

Automated wheelchair delivery and storage to the driver or passenger

Abiliquip designed and made the Abi Loader for 13 years, and it is their flagship international product that has been sold to 11 countries and loved by thousands. The Abi Loader is a simple solution to driving mobility for disabled drivers with some very clever engineering. The Abi Loader, at the push of the drivers' button, opens the boot and delivers a wheelchair right up next to the driver door.

Total driving independence and class-leading ease of use make this the premium option for manual wheelchair users. For rigid chair users, there is no other device that comes close.

Source: abiliquip.com

Wixárika people

A digital exhibition at The British Museum

The Coloniality of Gender and Sexuality: How the Intimate Lives of Wixárika People were Changed Forever is a digital exhibition supported by The Santo Domingo Centre of Excellence for Latin American Research (SD CELAR) at the British Museum. The digital display addresses the impact of colonialism on gender and sexuality among the Wixárika (Huichol) people in Mexico and it's based on a community-based research project led by Dr Jennie Gamlin.

The white European and Christian Man became the standard by which all of humanity was ranked and his position was reinforced by controlling nations and communities of people that were colonised. Many of the nations that were colonised in America had a more equal

gender structure before colonialism: some had women leaders and parallel or complementarity gender systems, meaning that although women and men held different roles, these were equal in status.

That is the case of the Wixárika or Huichol peoples, an Indigenous group of approximately 48,000 inhabiting the southern Sierra Madre Occidental, in North-Western Mexico. Wixárika is one of 69 Mexican Indigenous languages and belongs to the large Uto-Aztecan linguistic family. The Wixaritari's outstanding heritage is sustained by their collective dedication to complying with ancestral traditions. These revolve around maintaining good relations with their ancestors and deities

who control nature, intimately linked to the agricultural cycle. ...

Digital exhibition: <https://www.sdcelarbritishmuseum.org/exhibitions/the-intimate-lives-of-wixarika-people/>

Maternity of the Gods.
©Justo Carrillo de la Cruz y Ximena Carrillo Robles. 2022.



Motocompacto Foldable scooter

Motocompacto redefines affordable all-electric personal transportation with sleek and simple styling, an innovative, ultra-compact foldable design, a maximum speed of 15 mph and zero-emissions range of up to 12 miles. Inspired by the Honda Motocompo of the early 1980s, every Motocompacto comes with a standard compact charger that can be stowed on-board.

This scooter is perfect for getting around cityscapes or college campuses and for use as a first-mile/last-mile vehicle. ... **Read full text:** hondanews.com



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



Pupil size

It appears to be a marker of intelligence.

It has been said that “the eyes are the window to the soul,” but new research suggests that they may be a window to the brain as well.

Our pupils respond to more than just the light. They indicate arousal, interest or mental exhaustion. Pupil dilation is even used by the FBI to detect deception. Now work conducted in our laboratory at the Georgia Institute of Technology suggests that baseline pupil size is closely related to individual differences in intelligence. The larger the pupils, the higher the intelligence, as measured by tests of reasoning, attention and memory. In fact, across three studies, we found that the difference in baseline pupil size between people who scored the highest on the cognitive tests and those who scored the lowest

was large enough to be detected by the unaided eye. ...

Pupil size refers to the diameter of the black circular aperture in the center of the eye. It can range from around two to eight millimeters. The pupil is surrounded by the colorful area known as the iris, which is responsible for controlling the size of the pupil. Pupils constrict in response to bright light, among other things ...

We found that a larger baseline pupil size was correlated with greater fluid intelligence, attention control and, to a lesser degree, working memory capacity—indicating a fascinating relationship between the brain and eye. Interestingly, pupil size was negatively correlated with age ... **Read full text:** <https://www.scientificamerican.com/article/pupil-size-is-a-marker-of-intelligence/>

Weighted blankets

...can help with sleep problems.

The interior of a weighted blanket is lined with a heavy material of some kind (tiny spheres made of glass, plastic or metal, or natural fillers such as rice, grain, beans or sand). These fillers are sewn into pockets or channels and arranged so that their weight is distributed evenly throughout the blanket.

Someone lying under a weighted blanket feels a sensation of gentle pressure evenly distributed across their entire body. Occupational therapists refer to this as deep touch pressure. Research has found that this type of compression activates the centers of the brain that oversee involuntary processes such as heart rate, blood pressure, respiration and digestion. It has long been used, often to beneficial effect, on individuals with a wide range of sensory disorders.

Studies looking into weighted blankets over the years have observed a range of potential benefits. These include easing insomnia in adults living with depression, anxiety and attention deficit disorder; lowering anxiety in some children with mental health disorders; and improving sleep in older adults living in a nursing home. The researchers noted that while using a weighted blanket, the participants in their studies were able to fall asleep more easily, woke less frequently during the night and felt an increased sense of calm during the day. A new study in Sweden has potentially linked the use of weighted blankets to increased melatonin production. ...

Read full text: <https://www.uclahealth.org/news/weighted-blankets-can-help-with-sleep>



Image: www.freepik.es

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.



Zero waste

Is it possible to live in a zero-waste society?

Malcolm Wood, co-founder and group managing director of Maximal Concepts, goes head-to-head with Heidi Spurrell, CEO and founder of Future Green, in this debate: Is it possible to live in a zero-waste society?

Heidi Spurrell: YES. “It is possible with the right mindset and action. This involves reducing the amount of waste generated by making conscious choices every day. This includes choosing reusable items instead of single use plastics—for example, buying toothpaste that comes in a glass jar, instead of toothpaste tubes; composting food waste; buying food from markets instead of stores; and repurposing materials. Minimalism also plays a key role in reducing waste when individuals opt to have fewer possessions and focus instead on buying

high-quality, long-lasting products.” ...

Malcolm Wood: NO. “There is waste created at every level of our existence, and even in a circular economy, there will always be waste. Everything we use to live, move, work and travel has a cost to the environment. Even growing vegetables uses up nutrients in the soil. We are designed to consume, but this doesn’t mean that we shouldn’t strive for [zero-waste]. We must learn to live with the lowest impact on the environment and figure out where we can replenish or reduce our impact. ... When it comes to luxury goods, if you can’t afford to offset [the purchase] with carbon offsets, you shouldn’t be buying it.” **Read full text:** <https://www.tatlerasia.com/power-purpose/sustainability/is-it-possible-to-live-in-a-zero-waste-society-the-weigh-in>

Protests in Panama

A Canadian mining company may have to suspend operations there.

The Canadian mining company whose contract with Panama’s government has triggered weeks of protests said Monday that it has reduced operations and soon may have to suspend them due to a blockade of its mine’s power plant. Minera Panama, the local subsidiary of First Quantum Minerals, said in a statement that small boats had blocked its port in Colon province, preventing supplies from reaching the copper mine. “If the illegal actions continue impeding the necessary supplies to operate the power plant, the company will reduce the remaining processing train this week and will temporarily suspend production,” the statement said.

Last week, naval police reported that a ship carrying coal decided to turn back rather than dock in the mine’s port due

to “hostility from a group of protesters who from their boats threw rocks and blunt homemade objects” before being dispersed by authorities. Panama has been roiled by weeks of massive street protests and highway blockades as citizens worried about the impact on the environment pressure the government to revoke the contract. The protesters, a broad coalition of Panamanians, fear the mine’s impact on nature and especially on the water supply. ...

In March, Panama’s legislature reached an agreement with First Quantum allowing Minera Panama to continue operating a huge open-pit copper mine in central Panama for at least 20 more years. ... **Read full text:** <https://apnews.com/article/mining-company-panama-first-quantum-protests-2ed8f0d-939ab1f7d035996f89ff97d5e>



Image: www.france24.com

Eco Fact: The world’s indigenous population makes up just 5% of the global population yet protects 80% of global biodiversity. Visit MyAIU Knowledge



Image: iatadewa Urumah/Getty Images

Corruption and rights abuses

...are flourishing in lithium mining across Africa.

On a Sunday afternoon in March 2023, **Darlington Vito** was shot in the head outside an industrial lithium mine in Masvingo Province, Zimbabwe. A subsistence miner, he had been searching for chunks of ore in a rubble pile when a security guard at the mine site fired his weapon without warning, family members and local human rights activists said in interviews. **Vito** died a week later from his injuries. For **Vito** and other locals living near the mine, the global lithium boom brought the promise of economic opportunity to the poverty-stricken region. Global demand for lithium, a lightweight metal used in electric vehicles, mobile phones and energy storage systems, is expected to increase fortyfold from 2020 to 2040, as the world moves away from fossil fuels and toward renewable sources of energy

to mitigate climate change.

Some Zimbabweans have found formal employment at the country's seven industrial-scale lithium mines, but thousands of others have flocked to informal mining sites where they use basic tools like picks and shovels to dig up chunks of lithium ore, which they then sell to traders who truck the ore across the border to South Africa for export and processing abroad.

While Zimbabwe's president has said the lithium industry will buoy the nation's flailing economy, watchdog groups and local communities say Zimbabweans have heard similar promises made about diamonds, gold and other resources, only to see the benefits accrue to wealthy elites while locals' labor and ecosystems are exploited. ...

Source: <https://insideclimatenews.org>

“Sensory-friendly”

...store hours are catching on.

Walmart has joined the growing list of stores, theaters and attractions that offer “sensory-friendly” hours for people with autism spectrum disorder or other neurodivergent conditions.

Why it matters: Disabilities are often invisible, and by setting aside time during the business day when the lights are lower, sounds are softer and the pace is more relaxed, companies allow patrons with sensory issues to participate more fully in normal life routines ...

The big picture: Sensory-friendly hours were spearheaded more than a decade ago by museums and other cultural institutions that cater to children, and have been moving into the mainstream ever since.

Of note: This year, the White House held its first-ever sensory-friendly Easter Egg Roll.

Where it stands: A growing number of websites offer directories of stores and attractions catering to people with disabilities in this way.

By the numbers: 1 in 6 children in the United States have sensory processing difficulties, per a 2018 article in *JAMA Pediatrics*.

What they're saying: “Noise and light, along with social and language expectations, can induce stress for children on the spectrum, who are less able to self-regulate,” *Smithsonian Magazine* reported.

Case study: Austin-Bergstrom International Airport lets passengers with non-visible disabilities order a sunflower lanyard to wear around their neck while at the airport, reports **Asher Price of Axios Austin**. ... **Read full text:** <https://www.axios.com/2023/07/20/sensory-friendly-stores>

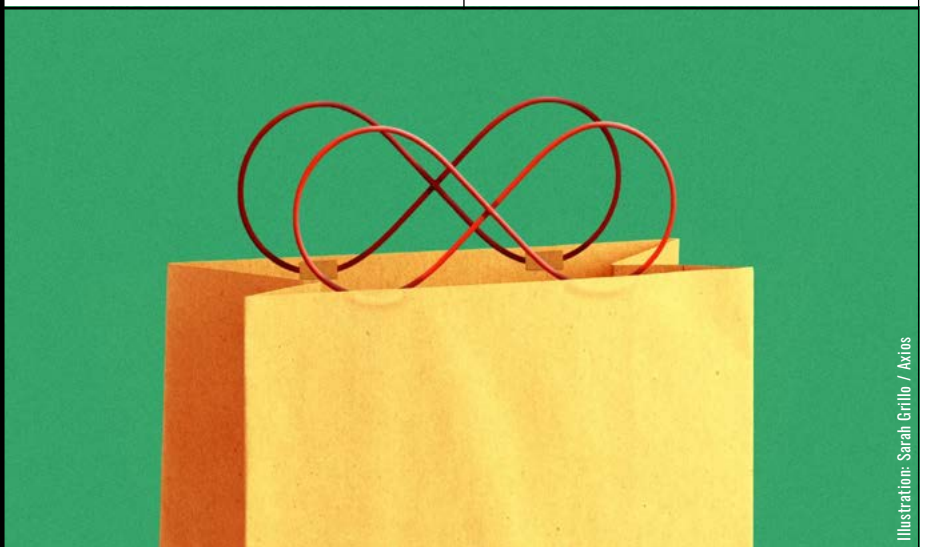


Illustration: Sarah Grillo / Axios



Image: www.freepik.es

Smarter dogs

Their information processing is more similar to ours.

When we point at an object, the toddler focuses on the object, while the dog usually takes the gesture as a directional cue. In a recent study, researchers from Eötvös Loránd University find explanations for this phenomenon. It appears that the discrepancy is not only due to how dogs see, but may, in fact, reflect how they think. For ‘smarter’ dogs, the appearance of an object matters as much as its location, suggesting that their information processing is more similar to that of humans.

Spatial bias is the phenomenon of interpreting information in relation to space, location or distance when the same information could easily apply to an object. “This is manifested, for example, in the way dogs and children react to gestures when we show them

the position of an object. ...regardless of the intention of the person giving the cue, the meaning for children and dogs is different. This phenomenon has previously been observed in dogs using a variety of behavioural tests, ranging from simple associative learning to imitation, but it had never been studied per se,” explains **Ivaylo Iotchev**, first author of the study, which appears in the journal *Ethology*. ...

The study found that spatial bias is smaller in dogs with better visual acuity and who are ‘smarter’. “Spatial bias in dogs is not simply a sensory problem but also a mindset. We also found that ‘smarter’ dogs are resilient in difficult learning situations and can overcome their biases,” concludes **Iotchev**. ... **Read full text:** <https://www.eurekalert.org/news-releases/1008355>

Read full text: <https://www.eurekalert.org/news-releases/1008355>

Invisibility cloak

Meet the sea creatures with real powers to go unseen.

Despite mythologizing and coveting it and seeking technological solutions beyond a magic ring or potion, humans have not mastered invisibility to become transparent. But transparency has not gone undiscovered by natural selection, having evolved independently in unrelated animals including octopuses, arthropods, and fishes. Despite the animals’ differences, they have followed similar transparency “recipes” to reap the benefits of being unseen, predators and prey alike, particularly in aquatic environments.

Superficial camouflage employs mimicry, disguise, and concealing or disruptive coloration to avoid being seen. It is a common tactic that has evolved among many animals, from insects to octopuses to large mammals. In essence, camouflage tricks the viewer into

misperceiving the hidden animal. Not to cast aspersions on camouflage—it can be a highly effective survival strategy and, unlike transparency, can be used by large animals—but it only scratches the surface of deception.

Transparency veils an animal from view but is also a deeper ploy. The entire body —surface and inner tissues alike— must work together to become clear. Perfect transparency is not necessary; viewed from a distance underwater, even a translucent octopus becomes invisible, and that can make all the difference in survival. An animal must accomplish two primary feats to become transparent: First and most straightforward, it must minimize the light it absorbs. Second, it needs to reduce the amount of light it scatters. ... **Read full text:**

<https://nautil.us/natures-invisibility-cloak-442975/>



Shimmers in the sea: Iridescent cilia on a transparent comb jelly.

Image: Zae Weil

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



campus

Sustainable food management



Global food waste is a cross-cutting issue that starts during agricultural production and continues all of the way to the landfill. Over 30% of food is lost or wasted each year. This number is even more striking, given the large number of hungry people in the world. Wasted food is not only inefficient, it's a social justice issue.

Global food waste has an enormous environmental impact, too. Food waste is a huge source of greenhouse gas (GHG) emissions and wasted natural resources, and therefore reducing food waste could help to reduce global greenhouse gas emissions, establish food security, and encourage healthy food systems.

However, this is not to say people are ignoring the problem. Many large businesses, startups, and nonprofits see the issue of food waste as an opportunity. Billions of dollars and calories of food are wasted each year, and the benefits of this value can be recovered.

When we talk about food waste, we may think of the food we throw away after cooking meals, or the uneaten food from our tables at fine dining establishments.

However, the sources of food waste are far more varied than this. Food waste includes lost or discarded food at all stages of the food system. Here are some important definitions related to food waste.

Food waste

The term “wasted food” refers to any food that is not used for its intended use and must be “managed.”

“Wasted food” is the term used by the US EPA instead of “food waste” to express the value that can be recovered through alternative uses.

To properly implement tactics for food waste prevention as an effort to cutting global food waste, alternative uses for the food must be identified. Wasted food comes from a wide variety of sources:

- Unsold food from local markets or other retail outlets such as produce food
- Plate waste from restaurants
- Prepared, perfectly edible food that has not been eaten
- Trimmings like food scraps from food preparation in restaurants, cafeterias, or homes; and by-products of food and beverage processing

Food waste and food loss

There are a few different categories under the umbrella of wasted food.

“Food loss” refers to uneaten agricultural, forestry, and fishery products. It occurs during the food production and distribution stage. It is

also caused by either a reduction in the quantity or quality of food. This may occur due to various reasons. For instance, there may be disruptions in the supply chain due to fluctuating supply and demand or spoilage due to adverse weather conditions.

“Food waste,” on the other hand, refers to edible food that is intended for human consumption, but instead gets discarded or expires. This can occur in many different situations during preparation, sales, or food service. It includes plate waste, spoiled food, and discarded peels and rinds.

Rich countries waste the most, as do industrialized countries.

“Food loss and waste” is a term used to define the sum of both types of inefficiencies from unused food in the food system. This term helps researchers clearly explain the scope of their studies.

Is there inedible or unavoidable food waste?

Some food byproducts are inedible such as bones, egg shells, or rough fruit and vegetable peels. However the conventions for using these

different parts of food vary culture to culture. This makes it hard to quantify how much wasted food is indeed unavoidable if wasted food is not consumable.

Researchers tend to include all types of food waste in their estimations, as it is better to find ways to prevent these materials from reaching the landfill. Sometimes the inedible byproducts of food can become feedstock for other products and help the supply chain of agriculture organization.

The share of food waste

Over a third of all food produced (~2.5 billion tons) is lost or wasted each year. One third of this occurs in the food production stage. *Boston Consulting Group* (BCG) estimates this wasted food is worth \$230 billion.

Researchers estimate the lost food calories from food waste amount to roughly 24% of the total available food calories. To put this in perspective, the UN reports that about a third of the global population, mostly in developing countries and low income countries, didn't have enough access to food in 2020 — an increase of 320 million people from the previous year.

The trend is increasing, too. The level of food wasted

globally is expected to rise by another third by 2030.

Food waste in the US

Similar to the global figures, USDA research from 2010 showed that a third of food produced was left uneaten.

US EPA estimates suggest that food waste makes up the largest single category of waste reaching landfills in the US. It accounted for 24% of all landfilled and 22% of incinerated solid waste in 2018.

In total, the US wasted 63 million tons of food in 2018. On the upside, about a third of this was managed using various strategies: animal feed, biobased material, anaerobic digestion, composting, donation, fertilizer, and to support environmental costs like wastewater treatment.

Could the remaining two-thirds be transformed into profitable or less damaging activities in order to prevent greenhouse gases?

The problem with food waste

Food waste may seem harmless as a biodegradable substance. Yet, when it rots, it releases methane emissions into the atmosphere without proper management. Understanding the consequences of food waste can help us better address the problem.

Carbon footprint

In 2013, the Food and Agriculture Organization of the United Nations (FAO) estimated that 1.3 gigatons of edible food is wasted each year, and this releases 3.3 gigatons of CO₂ equivalent. This estimate doesn't include land use change, either, which would put the figure even higher.

Research compiled by *Our World In Data* estimates that food waste accounts for about 6% of the world's total emissions. Of this, about two thirds is from food losses, while the remaining third is from food waste.

The main causes

There are some unexpected causes for the food that gets wasted. It's understandable that people don't finish large portions of food at restaurants, on a retail and consumer level, but some of the less obvious reasons for food waste relate to agricultural processes, food safety standards, and consumer preferences.

Perhaps you recall the reports of Kenyan farmers losing their crops to locusts in 2020. The last time they swarmed at such a level in 2003-2005, it resulted in crop damage of \$2.5 billion. Locusts are mainly killed as pest infestations, so improving access to pesticides is one

way to reduce food loss and help smallholder farmers.

Apart from natural causes, personal preferences also contribute to wasted food. Research shows that produce buyers avoid "ugly produce." A fifth of edible produce that has surface blemishes, grows in unfamiliar shapes, or has unique coloration gets discarded from grocery stores. This means that high income countries are contributing to food waste in earlier stages at a retail level, and that food and agriculture organization cannot mitigate this food loss.

Climate change also contributes to food losses and lack of food security. It makes growing and harvesting cycles less predictable. Nonseasonal frost, early spring, and a range of other climatic shifts are significantly impacting both the prices farmers set for their crops as well as their ability to predict the right time to plant and harvest.

These issues have a domino effect as they interact with supply and demand issues. Product may prematurely spoil due to delayed transport, orders, or poor storage facilities availability.

Finally, sometimes well-intended regulations to protect people from food safety risks have the unintended consequence of taking edible food

off the shelves too soon.

These are just a few of many wide-ranging reasons food loss and waste occurs.

Sustainable food management

Sustainable food management (SFM) reduces the unfortunate waste and losses in the food system. Careful planning and coordination between governments, food producers, sellers, and consumers can reduce the food waste dilemma.

In fact, one of the biggest challenges is the United Nations Sustainable Development Goal to halve per capita global food waste at the retail and consumer levels by 2030. This will ultimately help low income countries, supply chains, chronic poverty, and reduce the amount of greenhouse

gases in the atmosphere.

SFM takes a bird's eye view to avoid the knock on effects of waste in the food system.

SFM considers the food waste problem from the systemic perspective. Think of the many steps when waste can occur in the life cycle of food: agriculture, harvesting, food production, sales, food preparation, consumption, and finally disposal.

By managing each of these steps and considering how they interconnect, the sustainable management of food reduces inefficiencies.

Food waste can occur at each stage, whether it's from the overuse of natural resources or unsold produce. The sustainable management of food can reduce costs for food purchasers





and consumers, while bridging the needs of food-poor communities and unused food resources.

Even though governments are often key players in the sustainable management of food, businesses and consumers have an important role to play as well.

SFM importance

Sustainable food management traces where discarded food goes and why it is discarded in the first place. It is important to recover the untapped value of wasted food. This preserves natural resources, prevents food access inefficiencies, and even provides businesses cost-savings advantages.

1. To save money. Here are some ways businesses can benefit from addressing the

problem of food waste in their organizations.

Buy less food. By minimizing unnecessary food expenditures, you can reduce your overall food budget. Commit to monitoring and track progress of the amount of food wasted each month is critical for trimming away excess spending and food inventory.

Reduce waste collection fees. Sometimes waste management services charge more for food waste. By lowering the amount of food waste heading to the landfill, you can save on your overall landfill expense. Contact your waste management to see if this applies in your area.

Contribute tax-deductible donations. Donating food to non-profit charities that benefit people with food insecurity can help reduce food waste, feed the poor, and

lower your tax payment.

All of these actions can be tracked and recorded in your corporate social responsibility (CSR) report each year, which communicates the non-financial value of your business.

2. To help people. It's a bitter irony that so much food is wasted in spite of a serious need for access to fresh food in vulnerable communities. Numerous organizations are working to solve this issue. By partnering with nonprofits, your organization can reduce the level of edible food that goes to landfills.

- Who are these people?
- They are children that can't afford school lunches. There are programs such as a world food programme that collect donated food sometimes provide school lunches from donated food.
 - They are people in need of employment who could serve the community by composting, sorting salvageable food, and distributing excess food. Over 36,000 people work in the food recycling industry in the US.
 - They are under-employed veterans, elderly, sick, disabled, mentally ill, and other disadvantaged people who cannot afford to buy food and depend on donations.

3. To preserve resources. Rotting food in landfills is a huge source of methane pollution. Rather than cycle nutrients into the soil, as in the case of compost, landfills simply trap and contain waste. On the one hand, this prevents contamination of the water supply, but on the other, it creates potent GHG emissions.

Some landfills are designed to trap methane and recycle it as biogas. However, not all are technically equipped to do so. In this case, the methane is released into the atmosphere.

This is a serious problem for climate change, because methane is a greenhouse gas that heats the atmosphere up to 80 times faster than carbon dioxide.

Compost facilities and operations can effectively avoid this issue and effectively transform food waste into nutrient-rich soil useful for top soil in gardening or landscaping. Some areas like San Francisco even have compost collection systems offered as part of their waste management system.

By eliminating unnecessary food consumption, companies preserve natural resources used in food production, as well. This includes the water, gas, fertilizer, pesticides, and

any other inputs used in food production.

What can you do as a company to fight against food waste?

Creative solutions to food waste await your business. But first, it takes some planning. Businesses hoping to reduce food waste should make it a commitment. This means identifying the ways people waste food at your workplace and on a household level then setting goals to reduce the impact.

After that, consider ways you can close the food waste loop and create value. Here are a few strategies:

- Composting food waste into valuable topsoil.
- Donating to local food banks.
- Collecting the food waste and transforming it into biogas.
- Partnering with a food waste start-up as a supplier is another great approach.

Fruitleather in Rotterdam, for instance, makes vegan leather from unsold fruit. Rather than only troubleshooting the excess food in your wastestream, consider this problem from the demand side. Maximizing food purchasing by only ordering what will get consumed is another way to cut back on food waste. ...

Read text by Stephanie Safdie: <https://greenly.earth/en-us/blog/ecology-news/global-food-waste-in-2022>

BE WISE & HAVE FUN



“I’m looking for the language I spoke and wrote and dreamed in before I learned to translate myself to the world.”

Emily Stoddard.
American writer of essays, poetry, and hybrids of the two.

image: thebestschools.org



Victorinox Swiss Card.

Flat Multi Tool that fits in your wallet with credit cards. With a lifetime warranty against defects in material and workmanship. www.amazon.com



RAINDEK® ETX. Wheelchair blanket. Waterproof, windproof and breathable. www.kinetic-balance.com

Say what?

“As you get older, three things happen. The first is your memory goes... and I can’t remember the other two.”

– **Sir Norman Wisdom**

Source: parade.com



100% Recycled toilet paper.

No virgin trees used. Eco-friendliest double length, soft and scrunchable rolls. 400 sheets. Super comfy 3 ply. Cheaper cost per sheet than leading brands. Biodegradable and plays well with most septic tanks. Carbon neutral shipping. uk.whogivesacrap.org



Lucas the spider.

This genuine Lucas the Spider® is a super soft classic plush created from premium materials. Plastic Eyes, Mixed brown, Polyester, 7 X 5 X 3.75 inches. © 2019 Fresh Interactive Inc. lucasthespider.com



Flower cushion.

This large (24” diam.) plush cushion version of Takashi Murakami’s famous flower motif features a laughing face on one side and a peaceful smiling one on the other. store.moma.org

BACHELOR'S DEGREE

Educational Technology

SCHOOL OF SCIENCE AND ENGINEERING



Image: www.freepress

The Bachelor's Degree Program in Technology for Education aims to develop the theoretical, methodological and practical conceptual aspects for the creation, elaboration, transmission and use of educational content related to technology. To guide, systematize and strengthen the training of professionals in general and teachers in particular, with respect to the capabilities of using and taking advantage of ICT and the resources provided by Educational Technology.

Our program does not require every student to study the same subjects and

use the same books and other learning materials as every other student. If you are a purpose-driven individual who wants to elevate their life and make a solid contribution to the world, then this program is for you..

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

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)

Core Courses and Topics

- Quantitative research methods
- Qualitative research methods
- Instructional Design
- Educational Informatics
- Computer Engineering
- Educational software development
- Technology for Education
- New media Technology
- Virtual classroom
- Virtual learning environments
- Assessment of learning through computer
- Management educational Informatics
- Project Management for distance education

- Educational research and innovation
- Distance learning through telematics means
- Research Design and educational policy
- Politics of Education
- Educational Technology I
- Educational Technology II
- Technology and Development
- Educational Technology III
- Methodology of technological research
- Educational project planning
- Methods and techniques of Social Research
- Social Psychology
- Curricular theory and practice

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



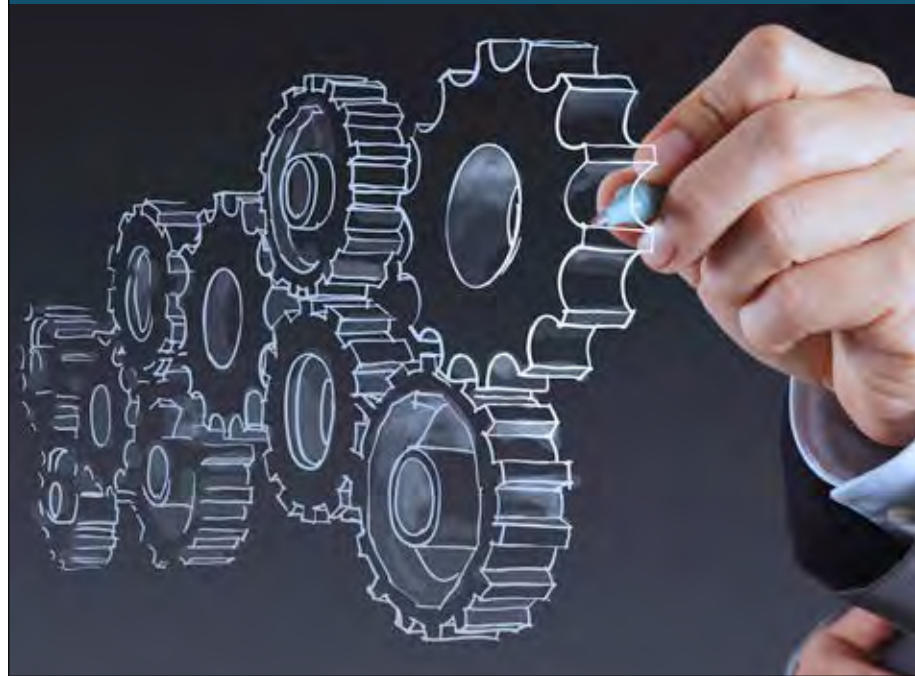
THE SCHOOL OF SOCIAL AND HUMAN STUDIES is focused on to the development of studies which instill a core commitment to building a society based on social and economic justice and enhancing opportunities for human well being.

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.

Pioneer Plaza / 900 Fort Street Mall 905
Honolulu, HI 96813

800-993-0066 (Toll Free in US) info@aiu.edu
808-924-9567 (Internationally) www.aiu.edu

Online application:

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