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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 9, #107 October 2022 www.aiu.edu We carefully choose the contents of this magazine with you in mind -to inspire you and make you

Share your thoughts with us!

Mailbox aiumagazine@aiu.edu



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## in touch

#### Promoted to Associate Professor



AUGUST 19, 2022. The Ministry of Higher Education in the Democratic Republic

of Congo has nominated Prof. William Sendihe and promoted him to the Title of Associate Professor. He is now a fully authorized Professor for all Universities in DRC and wherever his services may be needed. He is currently attached to Institut Supérieur Pédagogique de Goma/ ISP Goma (Goma College of Education),

Department of English, in the field of English Language Teaching and Linguistics.

The following are the courses Prof. **William Sendihe** teaches as his areas of expertise:

- 1. Phonetics and Phonology
- 2. General Linguistics
- **3.** Applied Linguistics
- **4.** English Linguistics
- **5.** Research Methods
- **6.** Theories of Translation and Interpretation
- **7.** Seminar of

Linguistics

- 8. Conversation Techniques
- **9.** Writing Skills
- 10. Semantics and Pragmatics

Prof. William Sendihe has completed a Doctorate program in Education with a major in Applied Linguistics at AIU.



#### 13TH INTERNATIONAL CONFERENCE ON

#### The Constructed Environment



## ASIC is full membership of the QA association



**SEPTEMBER 13, 2022.** The Accreditation Service for International Schools,

Colleges & Universities (ASIC) has been awarded Full Member status of the International Network for Quality Assurance Agencies in Higher Education (INQAAHE).

This milestone is not only recognition of their growth as a company and the quality of ASIC Accreditation, but it also affords their institution, and

AIU too, a whole host of new benefits as ASIC participates in activities covering the latest trends, aspirations, and challenges concerning higher education worldwide. INQAAHE offers a plethora of services, including events, training, a journal and regular news bulletins, a good practice database, and funding for projects and professional qualifications in Quality Assurance.

INQAAHE is proactive in setting and raising professional standards worldwide;

in official partnership with UNESCO, it provides a forum to discuss global issues beyond national or regional boundaries in areas such as crossborder education.

Find more information here: https://www.inqaahe.org/unesco https://www.asicuk.com/news/ milestone-asic-inqaahe-membership/



#### **Call for Papers**

This Conference will be held 17–18 May 2023 at University of Hawaii at Manoa, Honolulu Hawaii, USA.

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

#### 2023 Special Focus:

"Human/Nature: Towards A Reconciliation"

**Theme 1:** The design of space and place.

**Theme 2:** Constructing the environment.

**Theme 3:** Environmental impacts.

#### Become a Presenter:

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

Early proposal deadline October 17, 2022

Early registration deadline November 17, 2022

Visit the website: https://constructedenvironment.com

## New great job



**SEPTEMBER 13, 2022.**One of our gradu–ates, **Shelly Gondo**, a determined woman

with a PhD, has obtained a job as a construction manager at Habitat for Humanity in Houston, TX.

**Shelly Gondo** has completed a Doctorate program

with a major in Management at **Atlantic International University**.



## Solidarity

**SEPTEMBER 8, 2022.** At Atlantic International University we want to send a message of love and solidarity to the

people of the United Kingdom and the Commonwealth in these difficult times due to the death of **Queen Elizabeth II**.



## Appointed Special Adviser to the Presidency in Chad



**SEPTEMBER 5, 2022.** One of our graduates, **Djjimadoum yan Kayamou Enoch**, being the first Chadian with the rank of Doctor in Health Economics, has just been appointed Special Adviser to the Presidency of the Republic.

The Republic of Chad, is a landlocked country at the crossroads of North and Central Africa. It is bordered by Libya to the north, Sudan to the east, the Central African Republic to the south, Cameroon to the south-west, Nigeria to the southwest, and Niger to the west. The capital and largest city is N'Djamena.



### Graduated with Honors

#### SEPTEMBER, 2022.

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

#### Congratulations!



## BACHELOR OF BUSINESS ADMINISTRATION Business Administration and Marketing

### Graduated with Distinction

#### SEPTEMBER, 2022.

This graduate student
completed their program
with a high cumulative grade
point average, which reflects
the quality of performance
within their major.

#### Congratulations!



#### Gisella Carla Mautino

Doctor of Statistics Statistics

#### FIND MORE NEWS FROM AIU FAMILY

Latest News: www.aiu.edu/news.aspx News Archive: aiu.edu/aiu2016/DownloadCenter.html



#### SEPTEMBER 2022

#### René Manuel Bejarano

BACHELOR OF SPORTS SCIENCE Sports Science Argentina

#### Gisella Carla Mautino

Doctor of Statistics
Statistics
Argentina

#### Gaoduelwe Irene Pilane

CERTIFICATE OF FINANCE
Banking and Finance
Botswana

#### Coulibaly Issiaka Valentin

Doctor of Social and Human Studies Public Health Burkina Faso

#### Alain Kabore

Doctor of Philosophy Public Health Burkina Faso

#### Domonique Kavann Watler

Master of Education Education Cayman Islands

#### Carlos Daniel Hogiste Robinson

Bachelor of Science Psychology Colombia

#### lose Pablo Perez Guillen

Bachelor of Social and Human Studies
Human Resources
Costa Rica

#### William García González

Doctor of Economics
Economics
Costa Rica

#### Michael Partasides

Bachelor of Business Administration Business Management Cyprus

#### David Kavembe Mwimbi

Doctor of Science Public Health Democratic Republic Of The Congo

#### Johnny Carmona Rodríguez

Bachelor of Arts
Arts
Dominican Republic

#### Estebania Cabrera Villamán

Doctor of Literature Language and Literature Dominican Republic

#### Rocío Jael Balladares Pin

Bachelor of Nutrition
Nutrition
Foliation

#### Juan Esteban Douosdebés Costa

Bachelor of Economics Sustainable Development Echanor

#### Luis Klever Toapanta Garcia

Bachelor of Science Agricultural Engineering Ecuador

#### Estuardo Vladimir Valdez Bonilla

Doctor of Health Science Thanatology Guatemala

#### Edgar Neptaly Carrera Díaz

Doctor of Education
Education
GUATEMALA

#### Khalil A. Khalil Shokeh

Doctor of Arts History Israfi

#### Thelma Badio Jacques

Bachelor of Education Special Education Ivory Coast

#### Livinus Adakole Onogwu

DOCTOR OF PHILOSOPHY
Development Economics
Kenya

#### Stephen Gatimu Njoroge

BACHELOR OF PROJECT MANAGEMENT Project Management Kenya

#### Thavisith Bounyasouk

Doctor of Management Project Management Laos

#### Ihtissam Klait

Doctor of International Relations
International Relations
I FRANCIN

#### Delight Joseph Ngwira

Doctor of Economics
Development Economics
Malawi

#### Linda Alexandre Manjate Magaia

Master of Public Health
Public Health and Health Promotion
Mozambique

#### Melvin Aurélio Chiziane

Master of Business Administration Business Management Mozambique

#### Nicolás Alejandro Rodas Urrutia

Bachelor of Marketing Marketing Netherlands

#### Michael Isioma Nwoko

Doctor of Science Public Health Nigeria

#### Inyama, Joy Ogechi

DOCTOR OF PHILOSOPHY
Educational Management and Planning
NIGERIA

#### Paul Osayimwense Omoruyi

Master of Business Administration Business Administration Nigeria

#### Uzoma Fidelis Chukwubuike

Doctor of Philosophy Finance Nigeria

#### Aliyu Sule Musa

DOCTOR OF SCIENCE Project Management NIGERIA

#### Hugo Ernesto Blanco Salazar

Bachelor of Psychology Organizational Development Panama

#### Carlos Javier Ouezada Ouezada

Doctor of Science
Family and Couple Therapy
Panama

#### Orlando Cárdenas Ochoa

BACHELOR OF BUSINESS ADMINISTRATION
Business Administration and Marketing
Peru

#### Taisha A. Barry

Bachelor of Education Primary Education Saint Kitts and Nevis

#### Lester Clarence Celestin

Bachelor of Vocational Education Crop Production Saint Lucia

#### Francis Hinga Lahai

Doctor of Science Civil Engineering Sierra Leone

#### Teboho Olin Mosikili

Bachelor of Science Industrial Engineering South Africa

#### Albino Malungo

Doctor of International Relations International Relations and Diplomacy United Arab Emirates

#### Hermon Yemane Andemariam

Bachelor of Arts Business Management United Arab Emirates

#### **Ethel Alvena Symonette-Johnson**

DOCTOR OF PHILOSOPHY
International Business Administration
USA

#### Andres Sebastián Proaño Castillo

Bachelor of Business Administration Business Administration USA

#### Nora Elizabeth Cabrera Mencia

Bachelor of Human Resources Human Resources USA

#### Aiyeyun Christiana Temitope

MASTER OF SCIENCE Human Resources Management USA

#### Giordanys Pérez Rives

BACHELOR OF SCIENCE Civil Engineering USA

#### Shunie O. Reid

Master of Science Psychology USA

#### Sarah Nyirongo Noma

DOCTOR OF PUBLIC HEALTH
Public Health and Health Promotion
Zambia

#### **Davison Mange**

DOCTOR OF PHILOSOPHY Innovation in Economics ZIMBABWE

#### FIND MORE GRADUATES

Gallery: aiu.edu/Graduation/grids/currentgallery.html Interviews: www.aiu.edu/Graduation/grids/interviews.html



#### FIND MORE TESTIMONIALS FROM AIU STUDENTS HERE: www.aiu.edu/Testimonials.aspx



Calvin Maguu Bachelor of Education June 15, 2022

(( T Taving been born and bred in a nso-called third-world country, I had given up on higher education the moment I finished my ordinary level of education. I got a job and started working as an outdoor education instructor after being trained on the job. I learned a lot of skills over many years but I still felt like there was something missing. I only had my high school certificate but no college degree. I decided to move out of the country in search of a better remuneration but still doing the same job. After I started to feel good about my remuneration I thought I could find an online university so that I could get a degree.

I came across AIU and started reading the information on the website. I liked several things about their way of learning. One of the main things I loved was that I could still go to work and study at the same time. So I registered for a bachelor's degree in education which is what I have been doing for many years. I was not much of a studying person but through understanding that I have to submit at least one assignment per month I pushed myself and ended up ...

**READ FULL TEXT:** https://www.aiu.edu/Testimonialdetail.html?lte mlD=1865&rcid=73&pcid=63&cid=73



Daniels Ochieng
Bachelor of Information Technology
June 21, 2022

Gefore joining the AIU I had this thrill and anxiety about what I will find there and who I will interact with in the various course units. University education not only gives you the knowledge to you academically but also gives you the knowledge on how to handle the real life challenges.

For most people, university experience is the first step into finding their future career. Leaving home for the first time, or atleast getting online to start this course, I started finding out that I have the best skills that could enable me survive in the real world —this was my best period ever.

This was also the time that made me transcend what my parents, community and village achieved collectively. I was first among equals to join a school of higher learning.

It is never an easy journey to go through but once you have a purpose and a reason as to why you are doing it gives you a million reasons to continue with it. Just being in School Online for the first time was opening a new chapter in my life. Interacting with different ...

**READ FULL TEXT:** https://www.aiu.edu/Testimonialdetail.html?lt emID=1867&rcid=73&pcid=63&cid=73



Ericka Martinez
Doctor of Psychology & Grief
June 27, 2022

hen I decided to go back and continue my doctorate, I had high expectations and I was looking forward to living my next learning adventure with a university that I could relay and trust. My experience in this university has been very nice, I enjoyed all the way, and I had nice advisors and professors who were there always pushing me and helping me to achieve my goals. I have to say that it required significantly lots of efforts, but it was great to read, study, learn, and research at my own pace.

Personally, I enjoyed the great library and documents available, and many webinars that are updated with nice and modern topics that made my life easier.

I wanted to comment too that since I did my doctorate at this special chapter in history like a Covid-19 Pandemic, it was intense, and I did my volunteer service as a grief counselor and therapist helping abandoned seniors and families that lost 2 o more family members due to this pandemic.

I truly recommend this university if you are looking for a great challenge and more opportunities in your career. ...

 $\label{lem:read_full_text} \textbf{READ_FULL_TEXT:} \ https://www.aiu.edu/Testimonialdetail.html? \\ ltemlD=1870\&rcid=73\&pcid=63\&cid=73$ 



Ibrahim Ibrahim Doctor of Enviromental Engineering June 29, 2022

for John my registration at the beginning of the semester, I had 2 different sets of expectation. I thought this major would show me all my possibilities and open my eyes on how to benefit the society. I did not know how exactly this would happen, as this was my first startup.

My second thought was that I would not learn anything; that this major would cover basic academic success solutions and strategies that had been preached throughout all my previous years. Either way I expected this class to slide by and do well with little to no effort. I made a lot of assumptions about this major, or study at AIU, before even looking at the syllabus, or attending remotely any class.

At startup, I was given the choice to choose the courses, where some of them were easy and others were difficult, especially with the small experience I had int his field. I had many supports from the faculty, from the professor and so on. I had to work significantly harder than I planned. There were many more projects, and assignments that I had ...

**READ FULL TEXT:** https://www.aiu.edu/Testimonialdetail.html?lt emlD=1872&rcid=73&pcid=63&cid=73

## What is life nowadays for the human beings?



In the nowadays world it seems that we don't know where we are going. We observe throughout the world a serious conflict between those who want renewable energy and those who persist in dirty energy. It seems that the economy, in terms of who makes the most money, is what they persists.

We also observe, with regret, governments and governments that only seek the enrichment of those in power and forget the other human beings who don't follow them. They also forget the less fortunate who follow them.

Those less favored have remained in the situation in which they live because they

have been forgotten by the government systems, which didn't take care of offering them education, and now they have them with the hope that they will give them the wellbeing that they lack.

They keep them with that hope through miserable aid to commit them to the vote, in the countries where there is voting, and thus they make them believe that they are democracies. In countries where there're no free votes, they are kept in total aboli– tion of democracy and therefore of rights. What can we expect from a world in these conditions?

We know that science is built by creating new theories and expanding existing ones. We will apply the thought of **Fritjof Capra** regarding life

**Capra**: doctor in Theoretical Physics; graduated from the University of Vienna.

Capra's works: The Tao of Physics, Unusual Wisdom and The Crucial Point. Here we have worked with another of his works: The hidden connections—Social, environmental, economic and biological implications of a new world view.

Let's see what Fritjof Capra said in his work *The Hidden*Connections about life, back in 2003, the beginning of the 21<sup>st</sup> century. The book is a proposal of life, which is based on the thought of Humberto

Maturana and Francisco Varela exposed in the work *The Tree of Knowledge*. This proposal was called Autopiesis, and is known as the Santiago Theory.

For Maturana and Varela, autopoiesis is the result of their training in cybernetics, constructivism, and complexity theory. An autopoietic system is a system that produces its components and a membrane that limits them

Capra links this proposal with Ilya Prigogine's system maintenance theory.

Prigogine's theory is explained by what he called dissipative structures, which is an open system that maintains stability while remaining far from equilibrium.

According to Prigogine in his work *Just an Illusion?*:

"The most important new feature is that, when we deviate a lot from non-equilibrium conditions, new states of matter arise. I call these cases "dissipative structures", because they present structure and coherence, and their maintenance implies a dissipation of energy". (PRIGOGINE, 2009, P. 185) With the aforementioned conceptions, we began at the end of the 20th century a form of organization of society, in terms of trade and culture, called



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

Globalization. With globalization we also have the World Trade Organization (WTO).

Capra says: "After the creation of the WTO, in the mid-1990s, economic globalization, characterized by "free trade", was hailed by business and political leaders as a new order that would benefit all nations, since it would cause a global economic expansion whose beneficial effects would reach all corners of the planet and each one of its inhabitants". (CAPRA, 2003, P. 171)

Let's see what life is for Capra who took as his foundation the thought of Maturana and Varela as well as Prigogine.

Capra says: "The problem is that human organizations aren't only living communities, but also social institutions designed for specific purposes and operating in a particular economic environment, and today this environment is not life-sustaining, it is life-destroying increasingly". (Capra, 2003, P. 167)

From what Capra said in 2003, we are experiencing the environmental crisis with the floods, for example in Pakistan, the fires in Europe and the melting process of the North Pole. We are also witnessing heat waves and lack of food.

To the above we must add the

political situation, it seems that the world, where more governments arise every day where the only thing that matters is to see who gets the most money.

There is a political crisis and a crisis of communication between human beings: everywhere there is violence and more violence. Peace and good for the other seem to be erased from human coexistence.

Capra tells us that life is part of a process of emergence or balance of a system that is maintained with changes and at the same time maintains balance. What we are witnessing is: conflicts between countries, between people and with nature: conflicts and disagreements everywhere.

"Throughout the living world the creativity of life is expressed through the process of emergence". (Capra, 2003, P. 160) Here he follows **Prigogine** on dissipative structures: Regardless of the search for that balance, as for what happens in the environment, it will always tend to that balance. Here is **Prigogine**'s theory of dissipative structures.

"A living network responds to disturbances with structural changes, and chooses which disturbances it responds to and which it doesn't". (CAPRA, 2003, P. 150) We human beings have the freedom to choose what maintains the balance of the

system. The mentioned systems are autogenetic "...living social systems are autogenetic communications networks". (CAPRA, 2003, P. 144)

The reason those systems are autogenetic is because they always make themselves up. According to the systemic understanding of life, living systems endlessly create or recreate themselves by transforming or replacing their components. (CAPRA, 2003, P. 136)

What we are living in the present is the search for life systems and the creation of their components through what already exists, **Maturana** and **Varela**'s Theory, and their

balance, **Prigogine**'s theory of dissipative structures.

The big questions are:

- **1.** How long will it take to create autopoietic elements that maintain its growth and that growth is for life?
- 2. How long will it take to coexist with the other?a) at the country level?b) on a personal level?
- **3.** How long will it take to know that our life depends on the life of nature?
- **4.** How long will it take to organize trade for human needs instead of for marketing?
- **5.** How long will it take to create knowledge systems for knowing instead of to perpetuate political systems?

The time we take means the search for the growth of the system based on its components —Maturana and Varela— and its balance—Prigogine—.

Another question is:

**6.** How many will die before reaching that equilibrium?

Life depends on us: for each one and for the planet.

Illage: www.frepikes.

**BIBLIOGRAPHY.** The bibliography presented is based on the way in which science is constructed: **a)** From new theories or analyses. **b)** From analysis of new elements of theories already worked. Theories already worked: **Fritjof. C.** 2003. Las conexiones ocultas. Implicaciones sociales, medioambientales, económicas y biológicas de una nueva visión del mundo. Barcelona: Anagrama. • **Maturana H. Y Varela F.** 2004. El Árbol del Conocimiento. Bases Biológicas del Entendimiento Humano. Argentina: Lumen. • **Prigogine I.** 2009. ¿Tan solo una ilusión? Barcelona: Tusquets editores.

## Discipline in the public schools of Villa Hermosa

#### Dr. Leidy Dahiana Berroa Mercedes | Academic Advisor

**C** chool discipline is the **O**guidelines that students must follow based on a code of conduct called school rules. In the Municipality of Villa Hermosa, La Romana Province, in the Dominican Republic, a problematic environment reigns in the 2021-2022 school year. This is a cause for concern, vandalism is observed, which affects to the point of leading students with excellent and moderate behaviors to fall into this disorder and lack of

respect among classmates and towards the authorities.

It is considered that the lack of influence in the formation of parents and the promotion of values from home, society, especially the type of music that is promoted at the national level, the ministry of education through an educational policy that favors students, making way for them with the permissiveness that is given to the authors of learning, they bring various tools to educational centers, from vape in the form

of crayons, guns, knives, and various sharp objects to hurt their classmates and in occasions to teachers or authorities who intend to implement the regulatory discipline. All this added to the use of prohibited substances leads them to have a high level of nervousness and anxiety that results in low tolerance for any word or friction with their peers and others.

It is observed in high schools and polytechnics that discipline can be controlled when consequences are applied since it is who know that they will have a correction for their actions and those who express that nothing will happen to them. This is because the rules of school coexistence within the corrective measures that they promote include minor, serious, and severe offenses, but these in the end do not seek a correction to eradicate the disciplinary problem, but instead diminish its momentary development, so each center creates its standards and applies its measures in favor of its best functioning.

not the same to see students

We live in a changed time, and traditional methods cannot be used in terms of discipline, but it is known that good management of the rules always entails corrective measures for those who violate the laws and the rules of coexistence.

The Dominican Educational System, Chapter V of Law 136–03 defines the fundamental guarantees aimed at the full enjoyment of the Right to Education, to strengthen the governing role of the General Education Law 66–97 and its regulations. As part of these guarantees, it considers that the practice of a positive school discipline and promoter of opportunities, established in article 48 of Law 136–03, constitutes the most solid platform

for the enjoyment of a healthy coexistence in educational centers, which shape and model best citizenship practices.

The System for the Protection of the Fundamental Rights of Boys, Girls, and Adolescents. Law 136-03, establishes the regulation of school discipline and invites the elaboration of regulation to make this mandate operational together with the Ministry of Education of the Dominican Republic (MINERD). This allows them the opportunity to create measures according to the needs of educational centers for the training of young people who are better citizens.

Having seen and analyzed the various media, it is understood that what most affects discipline is the lack of a system of consequences that leads adolescents to reflect on their actions and modify these behaviors for the common good in Dominican education.

To all this, it is suggested to take into account the age, and the degree of indiscipline committed by the student, to apply the measures as appropriate, including Community work in the center. Prepare the stage so that these students can make reflective productions according to the indiscipline or the fact that has occurred.



**Publications by students:** aiu.edu/StudentPublication.html



# learning



## Finding your voice

#### ...may take a little bit of work if your child is autistic.

Question: My [autistic] daughter is nearly 6 and currently non speaking. ... What was the path was for you from not having language to being able to express yourself through language? ...

Answer by **Niko Boskovic**: ...When I was little ... so much of what I heard was overshadowed by everything my sensory system was hearing. All the sounds combined into a wave of sound that drowned out their voices, and I found myself completely unable to focus on my parents' words.

It took me years to learn how to triangulate all the sensory communication I was receiving so that I could focus on the task at hand. ... I am writing this as I can still hear the refrigerator humming and dogs barking and my sister coming into the yard and my mom swallowing and something going on

with our stove's clock... In the past, I would have already gone to explore these inside my head, but now I have the control to put that aside for a more desired activity: writing you!

Your daughter has a lot of language at the moment, but she may be getting stuck in the fields of competing sounds, and doesn't have enough self-control yet to find your voice in the din. ... I would focus on making a lowdistraction environment available, and doing the stims she enjoys. Stimming is so important to autistics as a way of handling the stimuli coming at us twenty four hours a day. So when you also enjoy the stim, it's like you become one of the stimuli feeding my attention. Eventually, YOU become the most important sensory stream ... Read full text: www.facebook.com/nikoboskovicPDX January 29, 2021.

## When the big one hits

#### In Portland, cargo bikers will save you.

The Disaster Relief Trials (DRT) include a 30-mile bike race wrapped in an apocalyptic post-earthquake scenario. The race is designed to simulate the conditions after a major disaster, and in Portland, Oregon that disaster will probably be the Big One: the magnitude 9.0-or-so earthquake that has a one-in-three chance of leveling the Pacific Northwest in the next half-century.

There are only around 12,000 first responders in the entire state of Oregon, but Portland alone is home to 650,000 residents. In other words, the first person to realize you're trapped in the upper story of your rickety woodframed house probably won't be the professionally trained EMT (Emergency Medical Technician) who answers a 911

call. It will be your neighbor poking her head out of the window and grabbing a ladder out of the garage. ...

After the Big One, bridges will collapse. Debris, damaged roads, and a lack of fuel will make it impossible for emergency vehicles to pass. A bike, though, can go almost anywhere. In the decade since it was founded, the DRT has evolved from an event run mostly by pedal punks to a training exercise for the Portland Bureau of Emergency Management. Neighborhood emergency response teams work the race to serve their volunteer hours.

Every rider who completes the DRT's circuit gets a sticker that tells their ... Read full text: https://www.wired.com/story/when-the-big-one-hits-portland-cargo-bikers-will-save-you/



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## The Big Bang

and the trouble with it.

Did the Big Bang happen? Has the James Webb Space Telescope found evidence against the Big Bang? ... I can't blame readers for being confused by recent news stories about the Big Bang. The article that kicked them off, "The Big Bang Didn't Happen," is bad enough. But some of the rebuttals also don't get it right. The problem is that writers conflate ideas in astrophysics and use the term "Big Bang" incorrectly. Let me set the record straight. ...

The James Webb Space Telescope is an amazing instrument. It looks at young stars and galaxies that were formed long after the cosmic microwave background, at about 200 million years. That's impressive, but it doesn't tell us anything about the Big

Bang Event, or its alternatives.

The problem has long been that the term Big Bang is used to refer to the expansion of the universe in general, and not to the event of the creation of the universe in particular. These are, however, two separate scientific hypotheses. We have overwhelmingly strong evidence that the universe expands (call it Big Bang #2) [Big Bang #1 would be the beginning of the universe], and we are confident about its history back to about the time of the electroweak phase transition, which is what the Large Hadron Collider probes. We have to date zero evidence for the beginning of the universe, whether it was a Big Bang Event or something else. ... Read full text: https://nautil.us/the-trouble-with-the-big-bang-238547/

## **Plant-insect interaction**

Boy's discovery reveals a highly complex one.

When 8-year-old Hugo Deans discovered a handful of BB-sized objects lying near an ant nest beneath a log in his backyard, he thought they were a type of seed. His father, Andrew Deans, professor of entomology at Penn State, however, knew immediately what they were —oak galls, or plant growths triggered by insects. What he didn't realize right away was that the galls were part of an elaborate relationship among ants, wasps and oak trees, the discovery of which would turn a century of knowledge about plant-insect interactions on its head. ...

According to **Andrew Deans**, many plant-insect interactions are well documented. For example ... certain plants produce edible appendages, called

elaiosomes, on their seeds to attract ants, which then disperse the seeds by carrying them back to their nests. This is referred to as "myrmecochory" —or seed dispersal by ants. ... The team's new research revealed a much more complex type of myrmecochory ...

"Ultimately, this led us to discover that gall wasps are manipulating oaks to produce galls, and then taking another step and manipulating ants to retrieve the galls to their nests, where the wasp larvae may be protected from gall predators or receive other benefits. This multi-layered interaction is mind blowing; it's almost hard to wrap your mind around it." ... Read full text and watch video: https://www.psu.edu/news/research/story/boys-discovery-reveals-highly-complex-plant-insect-interaction/



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## Fifty one Apparel

Temperature-regulating clothing

technology considered for man-Atechnology considers.

Agging heat in spacesuit gloves is being repurposed for clothes.

Textile marketer Louise Nicholson wanted to create specialty clothing that would help reduce discomfort for menopausal women and chanced upon the perfect material, which NASA funded. The cutting edge science that goes into all of their products rather than just wicking away sweat, allows their clothes control the production of moisture before it starts. ... Read full text: https:// www.space.com/nasa-funded-spacesuit-tech-menopause-relief



## Ifetayo Ali-Landing

The charming Cello prodigy.



merican cellist Ifetayo Ali-Landing Ais quickly establishing herself as one of today's leading young artists, earning praise for her "charismatic" playing (Chicago Tribune) and being described as a "powerhouse" by Classical MPR.

In 2017, **Ali-Landing** won the First Place Laureate of the Sphinx Competition's Junior Division and has since gone on to perform with the Chicago Symphony Orchestra at Ravinia (under Marin Alsop), Detroit Symphony Orchestra, Pittsburgh Symphony, New World Symphony, Chicago Sinfonietta, Wilmington (NC), South Bend, Southwest Michigan and Elgin Symphonies, Buffalo Philharmonic, and Vermont Symphony Orchestra on a state-wide tour: recitals include the Kansas City Harriman-Jewell Series and The National Arts Club, among many others.

Ali-Landing features frequently in the media, with notable appearances on NPR's From The Top (where she

performed Vivaldi with Kevin Olusola beatboxing), a residency as Young Artist with APM's Performance Today, and a TED talk at TEDxYouth@BeaconStreet.

Her musical studies began on the violin before switching to cello at the age of four. Previous teachers and coaches include Lucinda Ali-Landing, Megan Lauterbach, and Martine Benmann at the Hyde Park Suzuki Institute in Chicago, as well as **Tahirah** Whittington, Oleksa Mycyk, and Hans Jørgen Jensen. She currently studies at the Colburn School in Los Angeles with Clive Greensmith. ...

Read full text: https://www.sphinxmusic.org/ artist-ifetavo-ali-landing





## **Degree INC**

Inclusive deodorant

daptive design studio Sour and cre-**A**ative agency Wunderman Thompson have developed accessible deodorant packaging for Unilever [Degree Inclusive] to make the product easier to use for people with limited mobility or visual impairments.

To create the product the company partnered with adaptive design studio Sour and inclusive creative agency Wunderman Thompson, which is led by designer **Christina Mallon** who has limited arm mobility herself. ...

The Degree Inclusive design has a number of features new to deodorant packaging including an easy-grip shape and a larger roll-on applicator that can cover more surface area in one swipe.

The cap has a magnetic closure that allows it to be taken off and put on more easily. The hooked lid also allows the deodorant to be hung to enable one-handed usage and the label features instructions in braille. ...

Read full text: https://www.dezeen.com/2021/05/04/ degree-inclusive-unilever-inclusive-deodorant/



## **Nightshade**

#### Do these vegetables cause inflammation?

According to VersusArthritis.org in the United Kingdom, there is no evidence of a link between nightshade vegetables and inflammation. People in particular often blame tomatoes for worsening arthritis symptoms.

Nightshade vegetables are part of the plant family Solanaceae. Some species are toxic, including the belladonna plant. However, humans commonly cultivate and eat other species.Common nightshade vegetables that we eat include white potatoes, tomatoes, eggplant, bell peppers, cayenne pepper and paprika.

It is important to note that nightshades contain alkaloids, such as solanine, which is toxic in high concentrations.

Solanine is present in trace amounts in potatoes and is typically safe. However, the leafy stalks of the potato plant and green potatoes are toxic, and eating green potatoes can lead to poisoning.

Nightshade vegetables contain many health-promoting compounds, such as lycopene and beta carotene in tomatoes and anatabine —an alkaloid compound— in peppers, potatoes, tomatoes, and eggplant. According to a 2020 article, anatabine has powerful anti-inflammatory effects.

That said, if a person feels that certain foods, such as nightshades, trigger their arthritis symptoms, they should avoid them. ... Read full text: https://www.medicalnewstoday.com/articles/321745#nightshades-and-inflammation

## **Rituals**

#### The real magic of them.

Over the decades, anthropological studies have shown that ritual practices come naturally to us, regardless of our cultures, and further, we expect them to have an effect. But is ritual really an effective stress-management strategy? Or is it simply an illusion, a waste of time or, worse, a dangerous distraction from our real problems?

Field observations suggest that ritual may indeed help people cope with anxiety. In a study conducted in Israel, researchers interviewed local women during the Lebanon War (2006). They found that among those women who experienced the stress of war, reciting psalms was associated with lower overall stress levels. No similar association was found for women living outside the war zones.

While participants were the judges of their own anxiety, similar effects were found at the physiological level.

In my lab at the University of Connecticut, my colleagues and I observed a group of students during the midterm exams, one of the most stressful periods of the year. We collected hair and saliva samples, which we used to measure levels of cortisol, a hormone associated with stress. Salivary cortisol changes over the course of a few minutes, but traces of the hormone also accumulate in our hair, and they can be used to track long-term anxiety. We found that students who participated in more rituals had lower anxiety across all these measures. ... Read full text: https:// nautil.us/the-real-magic-of-rituals-238960/



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## **Europe's drought**

...might force acceptance of gene-edited crops.

 $E^{\text{urope's summer of drought has}}_{\text{been impossible to ignore. Riv-}}$ ers dried up, exposing the skeletons of warships and ancient buildings. Images captured by satellite show swathes of the continent's normally verdant fields turned to parched dust bowls. The hot, dry conditions have also wreaked havoc on Europe's agriculture. Most of the continent's water-starved fields will produce lower than expected yields this summer. For some crops the difference is stark: Soybean yields are 15% below their five-year average while sunflower yields are 12% down. With agricultural supply chains already stretched because of the war in Ukraine, the vulnerabilities in Europe's food system are looking extremely exposed.

In response, some European

politicians are starting to rethink the European Union's long-standing opposition to genetically modified (GMO) and gene-edited crops. In July, an Italian member of the European Parliament called for a loosening of the rules that restrict crop varieties created using new gene-editing techniques like CRIS-PR from being grown and sold within the EU. "New agricultural biotechnology can provide experimentation for more drought- and pest-resistant plants," member Antonio Tajani said in a meeting at the European Parliament. Other Italian politicians have joined him in calling for similar changes to gene-editing regulations. In northern Italy, the drought is so severe that rice fields are drying up and ... Read full text: https://www.wired.co.uk/article/europe-drought-gene-editing

## **Rollie pollies**

#### Remove heavy metals from soil, protect groundwater.

Also known as pill bugs, ball bugs, or wood-lice, these grey-colored creatures can be found in many dark, moist environments feeding on decaying matter. They are crustaceans and more closely resemble crabs and shrimp, and they are characterized by their ability to roll up into a ball when they feel threatened.

The guts of these pill bugs contain a number of microbes that help the critter feed on dead, organic matter. They return organic matter to the soil so it can be digested further by fungi, protozoans and bacteria. This process produces a natural supply of nitrates, phosphates and other vital nutrients for plants.

One unique feature of these crustaceans is their ability to safely remove

heavy metals from soil. For this reason, they are important for cleaning up soil pollutants such as lead, cadmium, and arsenic. In coal spoils and slag heaps, pill bugs also come in handy. When they take in heavy metals like lead and cadmium, they crystallize these ions in their guts. The heavy metal toxins become spherical deposits in the mid gut. With this special cleanup capability, pill bugs survive in the most contaminated sites where most creatures can't.

The magic of the pill bugs can reestablish healthy soil and prevent toxic metal ions from leaching into the groundwater. This means pill bugs are protecting well water from becoming ...

**Read full text:** https://www.greenlivingpdx.com/study-finds-rollie-pollies-remove-heavy-metals-from-soil-protects-groundwater/



 $\textbf{Eco Fact: A modern glass bottle takes 4000 years or more to decompose. Change your life, be sustainable. Visit My AIU Knowledge and the sustainable is a sustainable of the sustaina$ 



## Mental health

#### We've been told devastating lies about it.

We are living, we're told, through a "mental health crisis". Mental health services cannot cope with the explosion of demand over the past two years: 1.6 million people are on waiting lists, while another 8 million need help but can't even get on these lists. Even children are showing up at A&E in despair, wanting to die.

But there is another way to see this crisis —one that doesn't place it firmly in the realm of the medical system. Doesn't it make sense that so many of us are suffering? Of course it does: we are living in a traumatising and uncertain world. The climate is breaking down, we're trying to stay on top of rising living costs, still weighted with grief, contagion and isolation, while revelations about the police murdering women and strip-searching children

shatter our faith in those who are supposed to protect us.

As a clinical psychologist who has been working in NHS services for a decade, I've seen how we are failing people by locating their problems within them as some kind of mental disorder or psychological issue, and thereby depoliticising their distress. Will six sessions of CBT, designed to target "unhelpful" thinking styles, really be effective for someone who doesn't know how they're going to feed their family for another week? Antidepressants aren't going to eradicate the relentless racial trauma a black man is surviving in a hostile workplace, and branding people who are enduring sexual violence with ... Read full text: https://www.theguardian.com/commentisfree/2022/sep/06/ psychologist-devastating-lies-mental-health-problems-politics

## **DNA from Tibetans**

China is creating a biometric database.

**m**ibet, a contentious region in the **⊥** west of China, has been under state repression for decades. Chinese authorities have torn down Buddhist relics and shut Tibetan-language schools. Intellectuals and cultural leaders are routinely jailed under vague charges, while millions of rural workers have been forced into mass labor programs in recent years. Now, according to two new reports, authorities are out to collect DNA information from residents across the autonomous region, building a biometric database that could offer the government a powerful tool for surveillance on ethnic minorities.

A study published by the *Citizen Lab* of the University of Toronto estimated that police may have collected between

roughly 919,282 and 1,206,962 DNA samples —representing between 1/4 and 1/3 of Tibet's 3.66 million population— since 2016. Analyzing 100 public sources ... it found that officers visited fields, monasteries, residential neighborhoods, schools, and businesses to collect pin-prick blood samples. ...

"What's concerning is that there really aren't any limits on police powers in China," said **Emile Dirks**, noting the lack of independent oversight from court, media, or civil society to scrutinize how the information might be used. "It's possible for police to use this completed population database for whatever purpose they see fit."

... **Read full text:** https://www.vice.com/en/article/k7bgqn/china-tibet-dna-collection





## 10 Tourist attractions

...that are cruel for animals.

1 Riding elephants. These elephants have to be cruelly "broken" to allow people to ride them. The stress can also make them dangerous to people.

2 Taking tiger selfies. Tiger cubs are taken away from their mothers and drugged to make them tame enough.

3 Walking with lions. These wild animals face a lifetime of captivity, being manhandled by people every day and then "trained" to walk alongside them.

4 Visiting bear parks. Bears are often kept in barren, concrete enclosures with little or no stimulation. This creates mental and physical problems.

Holding sea turtles. Atrocious living conditions, disease outbreaks, and the stress of being repeatedly handled.

Performing and swimming with dolphins. These highly intelligent

animals are kept in tiny pens rather than roam freely out in the oceans.

**Z** Dancing monkeys. Bound by chains for their whole lives, macaques are exposed to cruel and aggressive training techniques to make them walk.

8 Touring civet cat coffee plantations. There is strong evidence that they are in fact being farmed and living their lives in small barren cages.

Charming snakes and kissing cobras. These creatures have their fangs removed with metal pliers, and venom painfully blocked.

 $10^{\text{Farming crocodiles.}} \text{ They are kept in filthy, overcrowded pits, leaving them exposed to disease and violent infighting that can be fatal. } \dots$ 

**Read full text:** https://www.worldanimalprotection.us/blogs/10-tourist-attractions-are-cruel-animals

## **Red foxes**

#### They enhance tree growth near the Arctic treeline.

During years that trees don't grow so many cones, foxes may help increase spruce forest productivity. White spruce, like many coniferous trees, often alternate between productive and nonproductive years when it comes to cone production. The phenomenon isn't well understood, but usually entire areas of forest are synchronized in these productive years, called mast years.

Meanwhile, researchers had long known that Arctic foxes (*Vulpes lagopus*) can boost the vegetation surrounding their dens in areas north of the tree line —the edge of forests where trees no longer grow— by depositing nitrogen and phosphorous back into the soil through their feces. "You get this rich vegetation you can spot from a

kilometer away," said **John Markham**, a professor of plant ecology at the University of Manitoba.

Markham and his co-authors wanted to see whether a similar relationship occurred between red foxes (Vulpes vulpes) and spruce south of the tree line. The researchers examined vegetation around dens near Churchill, Manitoba in July 2019 and compared them to areas without fox dens. They also bore into trees, using dendrochronology to assess the growth of yearly tree rings on fox dens and in control groups without fox dens. In research published recently in Basic and Applied Ecology, they found that foxes do, in fact, have an impact on white spruce. ... Read full text: https://wildlife.org/ foxes-encourage-boreal-forest-growth/



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# 

## How to organise a protest march



A successful demonstration depends upon clarity of purpose, getting people there, getting the message to those who need to hear it, and leaving a sense of success and support for the issue with your target audience, your constituents, the public, and the media.

If you consider beforehand whether a demonstration is the right vehicle for you to get your point across, there are really four major bases to cover in putting together a public demonstration: 1) Planning. 2) Lead time. 3) Communication. 4) Follow-up.

#### **Prepare your protest**

If there is a single most important piece to organizing a demonstration, it's planning it completely beforehand. The demonstration must have a coordinator and a group of organizers who work together before, during, and after the event to plan and carry it out. They need to decide what the demonstration will be like, and to anticipate potential problems and plan for them as well.

## **1. Build a team of organisers.** The more like-minded friends and community members you

have at your side, the better! Reach out and ask if they want to help you organize. Be sure that you are intentionally building relationships with those in your community who are directly impacted, centring their voices and experiences, and listening to their guidance. It is best if you can co-create your team and action together. Lastly, seek out local or regional organizations that work on your issue and invite them to organize with you.

## **2. Define your strategy.** Answer these questions:

Goals- What do you want to achieve? Target- Who has the power to make that happen? Action- What kind of action would make them listen to you (tactic)? When and where should you organise this action to make the most impact?

It's important to decide whether you're advocating for or supporting a position, protesting something, or planning a specific action. Your purpose will help to determine the tone and shape of the demonstration. If advocacy is your goal, the demonstration might be upbeat, singing the praises of whatever you're advocating for. If your purpose is protest, or righting a wrong, then its tone will be different. Tone is important, because what you accomplish might depend on how the demonstration is viewed. If vour demonstration leans too much toward entertainment and feel-good sentiment, it may not be taken seriously. If it's frightening, people may not listen to its message.

Ask yourselves what you are trying to achieve through this advocacy lane. Build awareness? Build a larger coalition? Be seen and heard by

an elected official or influential figure? ...

With your goals in mind, ask yourselves: when and where will you hold the protest and why? What type of protest is required to achieve your goal? The most common modes of protest are Marches and rallies. But protests can take many forms: sit-ins, walk-outs, vigils, and more sophisticated efforts like encampments and choreographed or theatrical expressions.

Demonstrations may be meant to serve one or more different goals, depending upon the timing of the demonstration, the issues involved, who's doing the organizing, and what else has gone before. Common goals for demonstrations include:

Advocacy: To urge legislators or the public to look favorably on a bill, adopt a particular idea or policy or service, or pay attention to the needs of a particular group of people.

**Support:** To express agreement or solidarity with a person or group, with an idea or policy, or with a particular issue. For example, a group of organizations offering different services might hold a

community demonstration to support the proposed establishment of more and better services for the homeless in the community.

Protest: To speak against some injustice, event, public figure, potential occurrence, etc. A group might demonstrate against the possible establishment of a hazardous waste treatment plant in their community, or to protest the treatment of community residents by police.

Counter-demonstration: To respond to a demonstration or other public event already scheduled by another, antagonistic organization.

**Public Relations:** To advertise or put in a good light an event, issue, organization, segment of the population, etc.

Action: To actually accomplish a specific substantive purpose, prevent or change a particular event, or to influence the course of events.

A combination of any or all of the above.

In reality, most demonstrations serve more than one purpose. Regardless of their other goals, most organizers seek media coverage for the demonstration, for instance, in order to draw attention to their cause. Most demonstrations either advocate for and support, or protest against, something. The difference

is in the emphasis, which may have a great effect on the form and timing of the demonstration.

Decide who you're trying to reach with the demonstration's message, and who you want to attend. Contact other organizations, coalitions, etc. long before and get them to endorse (and attend) the demonstration. The time, place, and program should be geared to the desired audience.

Decide where the demonstration will be. Your decision will depend on timing, on how large a space you need, on whether your demonstration is a reaction to something specific in a specific place, and on who you want to reach with your message. However, there are some important general questions you need to answer in choosing a place. Is it available for the time you need it? Do you need, and can you get, a permit to use it? Will it cost you anything, and can you afford it? Is it accessible to those with disabilities?

Decide on a specific day, date and time. Sometimes, those are determined for you: a counter-demonstration; a particular vote in the legis-lature. But in general, these elements are determined by three things:

• The availability of the people you want to reach.

- The weather. Do you need a rain or snow date?
- · Conflicts with other events.

## **3. Choose an action tactic.** Plan your program

What you're actually going to do at the demonstration also depends upon what you want to accomplish and who your audience is. There needs to be a clear structure for what will happen, and everything in the program should be geared directly to the desired results of the demonstration. Block out the schedule to the minute, and let participants know well beforehand how long they have in the program.

Some possibilities for programs or program elements:

Speeches may convince some people and bore others. Celebrity speakers may draw people and attention to the demonstration and to your issue. Speeches may be meant to convey information, convert the unconvinced, or simply fire up the crowd and supporters. Members of a target population may be the most eloquent spokespersons for their issue.

Marches or other movement of demonstrators can serve to show the extent of support for your issue, and can dramatize —by the route chosen— where a problem is located, and who should be

involved in a solution. They can also help to build group spirit, to expose large numbers of people to the existence of the issue, and to attract media attention.

Entertainment. Music may energize people, address their emotions, and help to develop group spirit. It's usually geared to the subject of the rally, with songs written for the occasion, for instance. Theater can be used to ridicule ideas being protested. If the entertainment is particularly good or includes celebrity performers, it's almost sure to attract media and bystanders.

A symbolic activity, such as each person lighting a candle, group song or chanting of slogans, the display of a picture or prayer can be a powerful way to communicate a message, solidify a group, and gain public attention.

Picketing may be used simply to make a point, or to discourage people from entering or patronizing a particular building or space because of their sympathy with the picketers' issue. In either case, it requires a high degree of organization, but it creates a vivid picture in people's minds, and makes a strong point. It can also make your organization seem more militant than it is, or than you want it to be perceived.

Civil actions or civil disobedience can range from legal actions designed to accomplish a specific purpose to a few people engaging in a symbolic action designed to get them arrested or otherwise challenged (chaining themselves to the gate of a government building) to mass actions like civil rights marches or the blocking of troop movements



in Tien An Men Square. Demonstrators must be willing to be arrested and face punishment, and organizers must train them beforehand to respond appropriately to the police and to the whole arrest procedure. Organizers must also be aware of the impact of these actions on how their issue is perceived by the public.

- **4. Logistics.** Logistics are the nuts and bolts of any event, the who and how and when of what gets done. Each demonstration presents its own logistical questions, but some important ones are:
- Do you need, how will you pay for, who will be in charge of, and where will you get... A sound system that works? Toilets? Medical facilities and personnel in case of emergency? Parking? Trash disposal? Signs

- or banners? A way of getting speakers or performers to and from the demonstration and the platform?
- How do people in general get to and from the demonstration, and in and out of the space? How do they get home?
- Is there a need for crowd control (i.e. a potential for violence, or for horrendous traffic problems), before during, and/or after the demonstration?
- · Is clean-up needed? Who cleans up, and how?
- What are the plans for meeting with the media before, during and after the event?
- Are there plans for postdemonstration activities?
   If so, how will all this be handled?

Try to think of every possible thing that can go wrong that you haven't already addressed, and figure out what to do about it. Where are you going to get toilets if the ones you ordered aren't delivered? What if there's a counter-demonstration? What if only a few people show up? What if the media doesn't show, or leaves too soon?

Anything you can anticipate and plan for is another crisis you don't have to worry about: you'll know what to do.

Be ready and have a contingency plan. If your local police tend toward clearing protests quickly or even violence, you will want to share tips about self-protection against, for example, tear gas or pepper spray. If you are expecting extreme hot or cold weather, provide suggestions for staying safe. During the protest, everyone's safety should be your number one priority. Ask folks how they're feeling.

Decide on what specific things you'd like to actually happen — and not happen— at the demonstration. How do you want people to behave while they're there? Will there be some sort of action, and will it possibly lead to arrest or other confrontation with the authorities? How will you handle that? A crowd can be kept happy with food and entertainment, or angered by aggressive speechmaking: it's

up to the organizers to think through what they want.

It's important to confer with the authorities beforehand about use of space, to obtain the proper permits, and to work out with police and other officials how things will be handled, so that there are no misunderstandings. Make sure that those who are likely to attend the demonstration know what to expect and what you expect of them.

#### 5. Determine your timing.

When will a demonstration be most effective? If you can, it makes the most sense to schedule it to coincide with an event or time that will help draw attention to your cause, or that needs to be brought to public attention. Some possibilities include:

- Just before or during a major event that the demonstration can influence.
- The local visit of a political or controversial figure or group.
- A demonstration by another group opposed to your cause or point of view.
- A national day honoring or commemorating your issue.
- As part of a funding drive for your organization or issue.
- As part of a publicity campaign for your organization or issue.

6. Legal matters. Learn what local authorities require for public demonstrations in your community. You can often find specific permit requirements and guidelines on your local government's website or by calling your town hall. When talking to the authorities, don't shy from being clear about your needs, for example, to clear a road of traffic or provide a portable toilet.

Make it clear to the authorities, and your supporters, that safety is a priority. Ask the authorities to maintain contact with your group during the protest, and tell them how to do so.

7. Promotion & outreach. Decide on how you'll get people to come. To some extent, this depends on how much time and money you have to publicize the event, and how many people you want to attract. You have to reach people through methods they'll pay attention to, in language they're comfortable with. If possible, it's best to get the message out many times in different ways, and to reach as many people as possible personally. Methods might include flyers, posters, phone calls, mailings, ads in newspapers and local church and organizational newsletters, public service announcements



on local radio and TV, announcements in churches, clubs, and agencies, etc.

You may want a versatile graphic to draw people's eyes to your invitations. Get the word out through every social media channel that will reach your intended audience. Put up posters where people can see them like public bulletin boards and lamp posts. Ask shops if you can put posters up in their windows. But nothing beats face-to-face outreach. Time permitting, visiting neighbors and personally inviting them with fliers in hand is a highly effective way of growing a protest.

Invite local television stations, newspapers, radio stations, and bloggers to your protest. Tell them what's special about your protest and give them the most precise information about it you can. Encourage your invitees to post videos and photos to social media and give them a hashtag.

**8. Build community.** Every stage of protest planning is an opportunity to build solidarity and community. Keep an intentional lens on inclusion and intersection. Invite a wider circle of friends over for planning meetings. Signmaking parties are a great

way to build relationships in advance of your protest.

#### 9. Plan to keep it peaceful.

You don't want your invitees or spoilers to ruin your plans by damaging property or starting fights. Designate peace marshals within your team. A peace marshal's job is to keep an eye out for anyone who is creating risks for your protests such as provoking police, vandalizing, etc. If tension rises, your peace marshals will step in and deescalate. You may also want to invite your local Lawyers Guild or other independent observers if you are concerned about keeping the peace or the police response.

10. Leave no trace. Leaving a mess is not a good look for your team or your cause. Make sure people know your expectations up front about discarding signs and literature. Set an example by picking up litter from your group. When you see someone littering, point them to the nearest garbage can. You want to learn from your experiences so you do an even better job organizing your next protest. After your team has had some time to reflect (but not too long after your protest) get your organizing team together to

discuss how the protest went. Review how you did with each of the ten steps. Document the conversation for the next time you plan a protest. And finally, be proud of what you have accomplished; you organized your first protest.

## Time needed to organise protest

If possible, it is best to allow more than enough time in planning a demonstration to handle all the details and pull everything together. Celebrities or public figures of any kind generally are booked far ahead, and unless (or even if) this is their pet project, they're not going to show up without adequate advance knowledge (at least several months). Sometimes acquiring, or even finding, a space to use can take longer than you'd think possible. Planning how to handle large numbers of people is difficult, and carrying out your planning is even more so.

It's vital to build extra time into your planning if you can. More than enough lead time is usually measured in months, and there's no such thing as too much.

Sometimes, however, a demonstration has to be planned in days, or even hours. The key to planning something successful under any circumstances is to be honest with yourself. What can you really do effectively in the time you have? Don't overreach, and there's a good chance you'll end up with a demonstration that may be modest, but accomplishes your goals.

#### **Communication**

The most important thing you can do when you begin planning a demonstration is, if you don't already have one, to set up an efficient and usable communication system. This system should be available not only for demonstrations and emergencies, but for general use as well among people directly involved in and

connected to your issue. Systems like this prove their worth when there is a need to quickly sway the opinion of legislators. One person, emailing or calling a number of organizations, can, in a matter of hours, generate hundreds, or even thousands, of phone calls and letters to government offices.

The ideal communication system has an individual or small committee as a central coordinator. In the best of all possible worlds, the coordinator would use email, which can reach large numbers of people with a single transmission, for fast and efficient communication. If email isn't available to everyone in the loop, the next best possibility is a phone tree that the coordinator can ...



Read full text: https://dgrnewsservice.org/resistance/indirect/symbolic/how-to-organise-a-protest-march/
The Wikipedia for Activists / Activist Handbook: www.activisthandbook.org/en/home

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"The most common way people give up their power is by thinking they don't have any."

Alice Walker. (1944–). American novelist, short story writer, poet, and social activist.



## Say what?

Before you marry a person, you should first make them use a computer with slow Internet to see who they really are."

– Will Ferrell

Source: parade.com



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- 1 Blackwing One— Step Long Point Sharpener that cre ates a long, curved point that resists breakage.
- 1 pack of Replacement Erasers to ensure your pencil is always functional. **blackwing602.com**



Fallen leaves floor cushions
Invite the magic of the fall season into
your home with these leaves. 100%
wool. www.uncommongoods.com

#### BACHELOR'S DEGREE

## Advertising

### SCHOOL OF BUSINESS AND ECONOMICS



The Bachelor of Advertising (BS) program objective is to help students develop advertising campaigns that effectively communicate an organizations brand messages. The Bachelor of Advertising program is offered online via distance learning. After evaluating both academic record and life experience, AIU staff working in conjunction with Faculty and Academic Advisors will assist students in setting up a custom-made program, designed on an individual basis. This flexibility to meet student needs is

seldom found in other distance learning programs.

Our online program does not require all students to take the same subjects/courses, use the same books, or learning materials. Instead, the online Bachelor of Advertising curriculum is designed individually by the student and academic advisor. It specifically addresses strengths and weaknesses with respect to market opportunities in the student's major and intended field of work.

Understanding that industry and

geographic factors should influence the content of the curriculum instead of a standardized one–fits–all design is the hallmark of AIU's unique approach to adult education. This philosophy addresses the dynamic and constantly changing environment of working professionals by helping adult students in reaching their professional and personal goals within the scope of the degree program.

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

www.aiu.edu/CourseCurriculum.html

#### **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**

Introduction to Mass Media Principles of Public Relations Persuasion Advertising Media Planning Advertising Creative Strategy and Execution Theories of Human Communication Principles of Advertising Advertising and Social Responsibility Communication Law Publication Production Desktop Publishing Computer Imaging Advertising Campaigns International Advertising Public Relations Advertising Research

#### **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

ASIC

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

#### Accreditation

**Atlantic International University** is accredited by the Accreditation Service for International Schools, Colleges and Universities (ASIC). ASIC Accreditation is an internationally renowned quality standard for colleges and universities. Visit ASIC's Directory of Accredited Colleges and Universities. ASIC is a member of CHEA International Quality Group (CIQG) in the USA, an ap-

proved 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

Dr. Ricardo Gonzalez
CHIEF OPERATION OFFICER
AND MKT DIRECTOR

Dr. Miriam Garibaldi

VICEPROVOST FOR RESEARCH

Dr. Ofelia Miller

Director of AIU

Clara Margalef
Director of Special Projects

Juan Pablo Moreno
Director of Operations

Paula Viera

DIRECTOR OF INTELLIGENCE SYSTEMS

Felipe Gomez
Design Director / IT Supervisor

Kevin Moll
Web Designer
NT-FND Develoe

FRONT-END DEVELOPER
Daritza Ysla

IT Coordinator

Nadeem Awan
Chief Programming Officer

Dr. Edward Lambert
ACADEMIC DIRECTOR

Dr. Ariadna Romero Advisor Coordinator

Jhanzaib Awan Senior Programmer

Leonardo Salas Human Resource Manager

Benjamin Joseph IT and Technology Support

FINANCE COORDINATOR

Rosie Perez

Linda Collazo
Logistics Coordinator

Carolina Valdes
Human Resource
Coordinator

Carlos Aponte
Telecommunications Coordinator

David Jung Corporate/Legal Counsel

> Bruce Kim Advisor/Consultant

Thomas Kim
Corporate/
Accounting Counsel

Maricela Esparza
Administrative Coordinator

Chris Benjamin IT AND HOSTING SUPPORT

Maria Pastrana Accounting Coordinator

Roberto Aldrett
Communications Coordinator

Giovanni Castillo
IT Support

Antonella Fonseca Quality Control & Data Analysis

> Adrián Varela Graphic Design

Vanesa D'Angelo CONTENT WRITER

Jaime Rotlewicz
Dean of Admissions

Michael Phillips REGISTRAR'S OFFICE

FACULTY AND STAFF PAGE: www.aiu.edu/FacultyStaff.html AIU TUTORS COORDINATORS:

Deborah Rodriguez Amiakhor Ejaeta Amanda Gutierrez William Mora Miriam James

Admissions Coordinators:

Amalia Aldrett
Sandra Garcia
Junko Shimizu
Veronica Amuz
Alba Ochoa
Jenis Garcia
Judith Brown
Chris Soto
René Cordón
Dr. Anderas Rissler

ACADEMIC COORDINATORS:

Dr. Adesida Oluwafemi Dr. Emmanuel Gbagu

> Dr. Lucia Gorea Dr. Edgar Colon

Dr. Mario Rios

Freddy Frejus Nilani Liunggre

Dr. Nilani Ljunggren De Silva

Dr. Scott Wilson

Dr. Mohammad Shaidul Islam

## 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



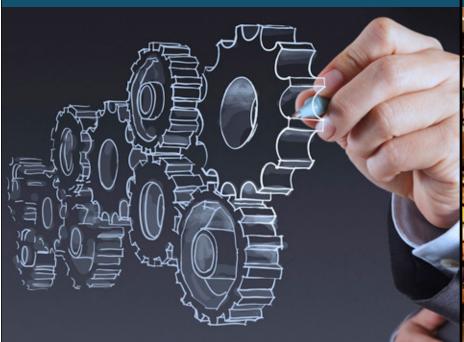
THE SCHOOL OF SOCIAL AND HUMAN STUDIES is focused on to the development of studies which instill a core commitment to building a society based on social and economic justice and enhancing opportunities for human well being.

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

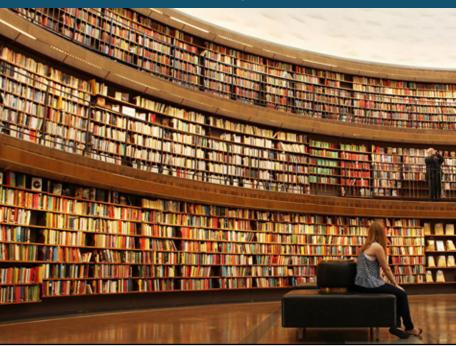


#### THE SCHOOL OF SCIENCE AND

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

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

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

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

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

**AIU** students must accomplish their self-learning mission while conceptualizing it as the core of daily life values through the type of experiences that lead to a human being's progress when information is converted into education.

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

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

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

Read more at: aiu.edu

### AIU Service

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

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

#### Contact us to get started

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

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#### Online application:

www.aiu.edu/apply3\_phone.aspx