



# February newsletter

ISSUE 6

FEBRUARY 2019 ISSUE

COMPLIMENTS OF  
THE NEW SEASON  
DEAR READERS!

## CONTENTS:

- Water importance
- International Day for Women and Girls in Science
- ZJST flier
- Conference alerts

## RESEARCH AND INNOVATION OFFICE



# Importance of Water



Water is essential to the survival of humanity. Every drop is precious. "We need to start bending the curve," Physics Laureate Steven Chu said in a discussion with professor Johan Rockström and glaciologist Julian Dowdeswell on how our changing climate is shaping the water on our earth.

Watch the discussion at: [https://www.youtube.com/watch?v=aewK7Kzf43A&feature=youtu.be%3Futm\\_content%3Dchu\\_text](https://www.youtube.com/watch?v=aewK7Kzf43A&feature=youtu.be%3Futm_content%3Dchu_text)

"Water is part of the reason I went into science." Transporting water molecules through the surface layer of cells is one of

the fundamental processes of life. In 1990, Chemistry Laureate Peter Agre managed to isolate a water canal protein that moves water molecules through the cell membrane. The protein was given the name aquaporin. Here he talks about how he became interested in science.

Read more at: [https://www.nobelprize.org/huckleberry-finn-is-my-role-model/?utm\\_content=agre\\_text&utm\\_source=rule&utm\\_medium=email&utm\\_campaign=monthly\\_feb\\_2019](https://www.nobelprize.org/huckleberry-finn-is-my-role-model/?utm_content=agre_text&utm_source=rule&utm_medium=email&utm_campaign=monthly_feb_2019)



## Inside Story Headline

### International Day of Women and Girls in Science

The United Nations have proclaimed February 11 the International Day of Women and Girls in Science aiming to ensure full and equal access to and participation in science for women and girls.

"On this International Day, I urge commitment to end bias, greater investments in science, technology, engineering and

math education for all women and girls as well as opportunities for their careers and longer-term professional advancement so that all can benefit from their ground-breaking future contributions," said UN Secretary-General, António Guterres. The resolution was adopted by the UN General Assembly on December 22, 2015. According to a UN study from 14 countries, the probability for female students

graduating with a Bachelor's degree in science is 18%, while the male equivalent is 37%. The resolution states that women continue to be excluded from participating fully in the economy even though representing half of the world's population and that women have a vital role to play and a right to participate in sustainable development policies, programs, and decision-making at all levels. For more information visit: <https://www.timeanddate.com/holidays/un/international-day-of-women-and-girls-in-science>





# ZJST

Science and Technology (NUST).

## Aims and Scope

The ZJST publishes science and technology research papers reporting significant experimental, theoretical and observational extensions of the scientific and technological phenomena. As from volume 11 (2016), the Zimbabwe Journal of Science and Technology (ZJST) will publish papers in

basic and applied sciences, engineering and technology, clinical and computing sciences.

## Manuscript Submission

Manuscripts submitted for publication must be written with conformity to the Format for Submissions provided on the official ZJST site. Please read the Instructions for Authors before submitting your manuscript. All manuscripts should be submitted as an email attachment and sent to [zjst@nust.ac.zw](mailto:zjst@nust.ac.zw).

## Call for Papers

Manuscripts are invited for publication in the Zimbabwe Journal of Science and Technology (ZJST), a peer reviewed journal published by the National University of

Quote of the day

## *Barack Obama*

“ Change will not come if we wait for some other person or some other time. We are the ones we've been waiting for. We are the change that we seek.”

Read more at: [https://www.brainyquote.com/quotes/barack\\_obama\\_409128](https://www.brainyquote.com/quotes/barack_obama_409128) .”

## For more information:

### ZJST

The Editor  
Professor A. H. Siwela  
Zimbabwe Journal of  
Science and Technology  
Department Applied Biology  
and Biochemistry  
National University of  
Science and Technology  
PO Box AC 939, Ascot  
Bulawayo

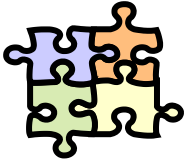
Zimbabwe  
Tel: 282 842  
Fax: 284 404  
Email:  
[andrew.siwela@nust.ac.zw](mailto:andrew.siwela@nust.ac.zw)/  
[ahsiwela@gmail.com](mailto:ahsiwela@gmail.com)

### Other enquiries

Email us at:  
[resadmin@nust.ac.zw](mailto:resadmin@nust.ac.zw)



RIO



1-3 JULY, 2019  
PALMA DE MALLORCA (SPAIN) SUBMIT YOUR  
ABSTRACT NOW »  
Deadline: 21st of March, 2019

Dear colleague,  
You are invited to join the 11th edition of EDULEARN,  
one of the largest international conferences for lecturers,  
researchers and technologists.  
After 11 years, it has become a reference event where  
more than 800 experts from 80 countries get together to  
present their projects and share their knowledge on edu-  
cational innovations.  
You are invited to submit your abstracts and participate  
in EDULEARN19.  
Your contributions can be presented in two formats:

- In person: oral and poster presentations.
- Virtually: if you cannot attend in person.

The deadline for abstracts submission is 21st of March,  
2019.

#### TOP 5 REASONS TO ATTEND EDULEARN19

- Present your paper in one of the largest international  
conferences on education.
  - Interact with international educators and technolo-  
gist for future cooperation.
  - Meet 800 participants from more than 80 countries.
  - Learn about education innovations and strategies in  
70+ thematic sessions.
  - Publish your paper in EDULEARN19 Proceedings.

#### • PUBLICATIONS

- EDULEARN19 Proceedings will be reviewed for their  
inclusion in the Web of Science (CPCI). Previous edi-  
tions were already accepted.
- An individual DOI number will be assigned for each  
accepted paper.
- Also, EDULEARN19 Proceedings will be included  
in IATED Digital Library

Palma de Mallorca enjoys an excellent climate all year  
round. Its airport offers a wide range of international  
flights.

Known for its sun and beach tourism, it also has an at-  
tractive historic quarter and a variety of landscape with  
coves, pine forests and cliffs on the coast.

Its culture invites visitors to explore every  
corner of the island and to enjoy its unique  
local gastronomy.  
We look forward to seeing you in Palma!

For more information, visit: [https://  
iated.org/conferences](https://iated.org/conferences)

