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# INTER-AMERICAN TEACHER **EDUCATION NETWORK**

**AUGUST 2020** NO. 8



🍑 Sharing Ideas, Sharing Inspiration 🍑🍑



Dear colleagues,

We hope that you are excited to soon share your advancements in the ITEN Poster Session to be held on 2 September (English) and 3 September (Spanish)!

- REGISTER HERE if you have not already done so. A few days before the event, you will receive a special link to Gather.town.
- SUBMIT POSTER(S) by 28 August.
- Do you have a special guest you would like to invite to attend? Send them this flyer, and notify Rebecca Vieyra (rvieyra@oas.org), so they can get a special invite.

This month has also been busy with announcements about Seed Grants and Teacher **Leadership Funds**. Congratulations to all the awardees!

- During the first round, we awarded 12 Seed Grants and 18 Teacher Leadership Funds.
- If your application needed some clarification, we are currently considering it in a second round of review, and the donor will make decisions shortly.
- If you were not successful in attaining funds, please do not despair! We expect to have additional funding opportunities in the future. Speak with the ITEN team to learn more about how to strengthen your proposal.

We have also seen the fruits of your work through your submissions to the February 2021 edition of Conexiones.

- All 11 articles are now under a blinded peer-review process.
- Authors will receive feedback in late August or early September.

Our goal is to help you make valuable connections and exchange ideas about STEM teacher education across the Americas. If there is anything else we can do to help you achieve those objectives, don't hesitate to reach out!

Sincerely, Rebecca Vieyra and the ITEN Team



#### **UNESCO Covid-19 Education Crisis Report**

UNESCO's Teachers Task Force held virtual meetings to discuss countries' challenges and national responses in relation to teachers in the use of distance education and for the return to school. Find here the regional reports from these meetings summarizing the discussions and conclusions: Latin America and the Caribbean, Asia-Pacific and the Arab States.



# Massive Open Online Course: Interact, Discover and Learn Sciences with PhET Virtual Laboratories

The ITEN Teacher Fellow, Jorge Gómez López set up a partnership between the Digital UI of his University of Antioquia, Colombia, and PhET of the University of Colorado in Bolder, USA to develop and offer the MOOC Interact, Discover and Learn Sciences with PhET Virtual Laboratories.

Offered by the Mexico X platform, and with a total duration of 40 hours, the MOOC is aimed at educators of secondary level, and it is focused on a strategy that involves experimentation and the generation of learning environments through technology, in particular that can be used without qualms in rural environments.

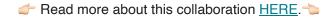
- Registration is from August 10 to September 6, 2020.
- MOOC starts on September 7, 2020.

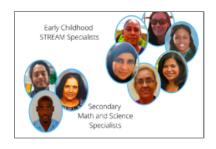
Read more about this **partnership** — HERE — Access further details about the **MOOC** — HERE — Register to participate — HERE—



# ITEN is collaborating with the University of West Indies to include STREAM in their Certificate Curriculum for Early Childhood Development

ITEN has begun to collaborate with the University of the West Indies (UWI) Open Campus, based in **Barbados**, to integrate **STREAM** (science, technology, research, engineering, arts, and mathematics) into its **Early Childhood Development and Family Studies online certificate** program. Between **100 and 150** participants are expected for the 2020-2021 year.





ITEN'S Teacher Fellows and supporters from The Bahamas, Grenada, Jamaica, Trinidad, and the United States have designed a **STREAM Virtual Community** (VC) to support participants' first semester in the program and have worked with UWI's teachers to **conceptualize a curriculum and instruction anchored in STREAM.** 

← Learn more about UWI's Early Childhood Development and Family Studies online certificate HERE →

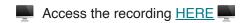


# An Opportunity for Transformation: Latin American education and the challenges after COVID-19

The Inter-American Development Bank (IDB) recently held a webinar with experts about the opportunities to transform education, improve quality and make education more equitable and inclusive amidst the COVID-19 pandemic.

Watch the recording to learn about the perspectives of experts and authorities from Ecuador, Colombia, REDUCA, Empresarios por la Educación - Guatemala, Boston College,

MIT Media Lab, the OECD and the Inter-American Development Bank (IDB). The conversation counts with portions in English, Spanish and Portuguese.





Free Virtual Expo OLC Ideate Labs for Online STEM: Innovating STEM Education 2020

On August 19-21, 2020, the Online Learning Consortium (OLC) and Merlot will host a free virtual expo that will showcase a wide range of virtual and distance labs designed to support online STEM education, offered by both commercial and open educational resource (OER) providers. This event will bring educators and providers together, not only offering expert guidance on how best to deploy the different types of virtual labs to achieve successful learning outcomes, but also in centering educator use-case virtual lab stories.





# **UNESCO's Supporting Teachers in Back-to School Toolkit is Now Translated**

UNESCO, the Teacher Task Force and the International Labour Organization have released a toolkit to help school leaders support and protect teachers and education support staff in the return to school. The toolkit originally launched only in English is also now translated in Spanish, French and Arabic.



ITEN Webinar Series: Teaching STEM in Quarantine



Find below the list of our upcoming webinars! And visit our website here for recording and presentations of past ones.



### Enseñanza de Nanociencia y Nanotecnología con un enfoque STEM

Presenters: Dra. Ivonne Rosales Chávez, Facultad de Química, UNAM I Dra. Mónica Anzaldo Montoya, Colegio de San Luis, A.C. I Dra. Laura Saldivar Tanaka, Egresada del Colegio de México, A.C I México.

**Date: 18 August 2020** 

Time: 5:00 PM Washington D.C. time

Language: Spanish

Lear more and REGISTER HERE!



#### **STEMission Possible**

Presenters: Peta-Gay Kirby, Wayne Thompson, and Megan

Hylton | The Mico University College | Jamaica

**Date: 24 August 2020** 

Time: 4:00 AM Washington D.C. time

Language: English

Lear more and REGISTER HERE!



STEM in Blended Learning: Perspectives from Jamaica's Master Teachers (English Only)

Session #1: 31 August 2020 I 7:00 PM Washington D.C. time I Lear more and REGISTER HERE!

Session #2: 1 September 2020 I 7:00 PM Washington D.C. time I Lear more and REGISTER HERE!

Session #3: 2 September 2020 I 7:00 PM Washington D.C. time I Lear more and REGISTER HERE!



🌑 Project Teams Members: International Recognition 🌑





### Padhu Seshaiyer I 💹 USA 🌉

ITEN is really excited to share that Padhu Seshaiyer, an **Project Team** member and **Professor of** Mathematical Sciences at George Mason University, is representing the United States as one of the International Science Council (ISC) experts appointed to the COVID-Education Alliance (COVIDEA).

The team of seven experts will join an international alliance looking at the world-wide educational challenges caused by the COVID-19 pandemic. Learn more about this initiative 👉 👉 HERE 🖜



### César Martín Agurto Castillo I 🔲 Peru 🚺

ITEN is also really proud to share that Cesar Martín Agurto Castillo, an ITEN Project Team member and primary education teacher, is participating in the Scientific Committee of the International Conference Educational Research and Innovation (CIVINEDU) to be held virtually on September 23 and 24, 2020. CIVINEDU 2020 aims to offer a platform for interaction between researchers and teachers to exchange experiences on the latest advances in educational research and innovation. The Scientific Committee will be responsible for evaluating the articles submitted for the Conference, which, if accepted, will be published in the Conference's Book of Abstracts.

Learn more about CINIVEDU and how to submit a proposal # HERE





**▶ ▶** Look What Happened!! **◄** 





# Luisa Germán Franco I 🌌 Dominican Republic 🛂

ITEN Teacher Fellow Luisa Germán Franco, a secondary school physics teacher, comments on how her participation in ITEN has impacted her pedagogical practice.







#### Association of Science Teachers of Jamaica (ASTJ) I ✓ Jamaica ✓

On July 8, the Association of Science Teachers of Jamaica (ASTJ) hosted, with support from ITEN, their annual conference in an online format to respond to teachers' professional needs while still under quarantine due to COVID-19. 394 educators from across the Americas participated in the conference, which included plenary presentations from ITEN Coordinator Rebecca Vieyra and ITEN Teacher Fellow Bhagya Malladi and presentations by ITEN Project Team members Mr. Sadpha Bennett, Mr. Conroy Hall, and Dr. Debbie Devonish.

**Learn** more about this event  $\leftarrow$   $\leftarrow$ 

# **Community Resources**



#### **PhET Interactive Simulations**

Learn more about <u>PhET Interactive Simulations</u> and its free teacher resources for math and science teaching available in 80+ languages.

Recording I Slides

#### **Additional Free Resources**

Access hundreds of free online resources for teaching STEM.

STEM resources in English







#### **ITEN Resources**

- ITEN Website: Visit the ITEN website to learn about our work in STEM Teacher Education in the Americas and stay up to date on upcoming opportunities to get involved.
- 2019 ITEN Annual Report: Check out our Annual Report to learn about ITEN's impact in the region during its first year of Phase 4 of the program
- <u>Community Guide</u>: The ITEN Community Guide will provide you step-by-step instructions on requirements for participation in Project Teams, Cooperation Exchanges and Seed Grants



#### **2020 ITEN General Timeline**

- January 31: Project Team Application (Closed)
- March 1: Letter of Commitment for Project Team participation due
- March 1 31: Interactive Webinars between suggested teams or groups who express similar interest
- March 31: Project Teams are formed
- May 1: Project Teams work virtually
- May 15: Launch of 2020 Seed Grant & Teacher Leadership Fund Call for Proposals
- June 30: Seed Grant & Teacher Leadership Fund applications due
- July 31: Award announcement for Seed Grant & Teacher Leadership Fund
- September 2 & 3: Project Team Progress Report Share-

Out (a Community and Leadership event)

- November 27: Call for Proposal fo 2021 Project Teams launched
- November 31: Completion of of formal Project Team work and share-out due

details to be released about extended opportunities for involvement as the COVID-19 situation progresses.

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