

Open and inclusive education: WUN and UNESCO training & research networks

WUN Research Project 2020 & 2021 Report

Tecnológico de Monterrey

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Application Form

Introduction and Program Title

WUN Research Projects: Annual Report for 2020 & 2021

Please update your WUN Research Project achievements for the **2020 and 2021 calendar years** by completing this short online survey.

ACTION: We ask that you complete and submit this report and survey NO LATER THAN, 18 March 2021 at 17.00 UK time.

Due to annual reporting obligations, extensions to this deadline will not be possible.

We thank you for your collaboration, and look forward to learning about your accomplishments.

Data Use*

Any information gathered through this online survey is handled and stored securely in accordance with WUN's Privacy Policy. The online survey provider does not claim ownership of survey data and will not share or sell your information, nor will WUN sell your data. This information may be retained indefinitely for a historical record and to the track progress of our WUN associated research programs.

WUN may share the information contained in your report with WUN member representatives (such as Presidents, Vice-Chancellors, Coordinators, other WUN academics, etc) to compile and share accomplishments, build further research partnerships within the Network, and to monitor WUN membership impact. The achievements listed in your report may be promoted in WUN news stories and annual reports made available to the public.

I understand and choose to proceed with this report.

WUN Research Project Name*

Enter project name

Open and inclusive education: WUN and UNESCO training & research networks

WUN Global Challenge Area(s) to which your research project corresponds*

Global Higher Education and Research

Contact Details

ACADEMIC LEAD DETAILS

Title

Dr.

First name

María Soledad

Last name

Ramírez-Montoya

University

Tecnológico de Monterrey

Contact email

solramirez@tec.mx

Outputs

ACADEMIC PUBLICATIONS IN 2020 AND 2021 CALENDAR YEARS

Please provide details of academic publications, including books, book chapters or journal articles catalysed by your WUN collaboration from calendar years 2020 and 2021. *Do not include academic publications from previous years in this report.*

Instructions

Provide detail for your publications from calendar years 2020 and 2021. *If these exceed three in number, please select and enter details for three that you would like to highlight.*

Each field should be used for only one academic publication.

Format: Use the American Psychological Association (APA) reference style. A summary can be found on your university website or here.

Example (for a book): Smith, A. (2020). Why research matters. London: Imperial College Press

Example (for a journal article): Smith, A. (2020). The importance of international collaboration in the 21st Century. *The Academic Review* 16(6), 565-572.

Please enter the overall TOTAL number of publications (all types) from this program in 2020 and 2021*

3

Details on (up to) three publications from this program from 2020 and 2021**Academic Publication 1**

Ramírez-Montoya, M. S. & Tenorio-Sepúlveda, G.C. (2021). Expert validation of e-Open for assessing open education competencies: An instrument designed within the framework of UNESCO recommendations. <https://doi.org/10.1145/3486011.3486529>

Academic Publication 2

Ramírez, M.S., Burgos, J.V., Weber, J.C., Oliver, J., García, F.J., Blomgren, J., Pegrum, M & Cox, G.(2022). Open Education Competences in the framework of WUN & UNESCO. *International Review of Research in Open and Distance Learning*. In process

Academic Publication 3

Ramírez-Montoya, M.S., McGreal, R. & Obiageli Agbu, J.F. (2022). Digital Transformation and Education 4.0 Following UNESCO Recommendations: Opportunities for Blended and Distance Environments. *RIED*. In Press

EXTERNAL FUNDING IN 2020 AND 2021 CALENDAR YEARS

In the following section, please provide details of all funding *catylased by your WUN collaboration* in 2020 and 2021.

ONLY include funding that has been awarded, NOT applications that are pending.

Do **not** include funding awarded directly by WUN, or funding awarded from a WUN member university.

You are first asked to enter the **total amount** of funding catalysed by your WUN collaboration in 2020 and 2021 calendar years.

Please enter the TOTAL amount of funding catalysed by your WUN collaboration in 2020 and 2021*

Enter the **TOTAL amount** of funding to the nearest whole number in Great British Pounds (GBP). If your award(s) were not in GBP, enter equivalent GBP using the current exchange rate.

You may wish to use this online currency conversation tool.

63411

Next, you are provided with three fields below to enter details of individual funding awards. If the number of funding awards you received exceeded three, please detail three you would like to highlight in this section.

Format: Organisation, Scheme, Source Country, Proposal Title, Amount Awarded, Year, Name of WUN researcher(s).

Example: Gates Foundation, Grand Challenges Explorations Round 8, USA, *Malnutrition and Maternal Health in Southern Uganda*, USD 100,000, 2021, Professor Julie Smith, University of Auckland, Dr Mou Mou, Zhejiang University.

External Funding 1

SIEMENS, SIEMENS Stiftung, Germany, “Community STEAM-OER-LATAM”, GBP 39,939.84, 2021, Dr José Escamilla, María Soledad Ramírez-Montoya & Genaro Zavala, Tecnológico de Monterrey, Dr Mónica Vázquez, Universidad Autónoma de Nuevo León, Dr Carles Lindín Barcelona University. <https://www.oer-steam.world/>

External Funding 2

Novus, IFE, OpenResearchLab: innovation with artificial intelligence and robotics to scale levels of reasoning proficiency for complexity, USD 15.238, María S. Ramírez, Dr Edgar López, Dr. Leonardo Glasserman, Tecnológico de Monterrey, Dr Sandra Martínez, Sevilla University, Dr Rosa García, Cantabria University <https://openresearchtec.info/>

External Funding 3

Novus, Grand Institute for the Future of Education, EduToolkit: innovation with artificial intelligence to develop social entrepreneurship competence and linkage processes, USD 15.238, Dr María Soledad Ramírez Montoya, Dr Jhonattan Miranda, Tecnológico de Monterrey, Dr Francisco García Peñalvo, Salamanca University. <https://edutoolkit.info/>

POLICY INPUT IN 2020 AND 2021 CALENDAR YEARS

Provide details of your policy input/development with government and agencies resulting from your WUN collaboration in 2020 and 2021.

Total number of instances of policy input/development*

Please enter the TOTAL number of policy input/development instances with government and agencies resulting from your WUN collaboration in 2020 and 2021.

0

Policy Input in 2020 and 2021 - details

Provide *details* of your policy input/development with government and agencies resulting from your WUN collaboration in 2020 and 2021.

If these exceed three in number, please select and enter details for three that you would like to highlight.

Format: Name of WUN researcher(s), Organisation, Policy reference, Year

Example: A. Smith, OECD, Member of OECD Committee on Internationalisation of Universities, 2020.

Policy Input 1

Policy Input 2

Policy Input 3

SCHOLARLY EVENTS: Conferences, workshops, symposia and other events in 2020 and 2021 calendar years.

Total number of scholarly events*

Please enter the TOTAL number of scholarly events: conferences, workshops, symposia and other events in 2020 and 2021.

10

Please provide details of any major scholarly events hosted as part of the project in 2020 and 2021.

If these exceed three in number, please select and enter details for three that you would like to highlight.

Format: Name of event, location, date, a brief description

Example: Food Security in Africa Workshop, University of Sheffield, 12 March 2021, 24 academics from across the Network attended and presented papers

Scholarly Event 1

E-Book Creation - Current Considerations for Deaf and Hard of Hearing (DHH) Students, University of Alberta (online seminar), 13 October 2021, 345 academics, teachers, non-profit organisations participated.

Scholarly Event 2

Strategies for localizing open educational resources, North-West University (online seminar), 27 October 2021, 351 academics, teachers, non-profit organisations participated.

Scholarly Event 3

Connecting the open educational practices with the open science, University of Salamanca (online webinar), 3 November 2021, 335 academics, teachers, non-profit organisations participated.

OTHER NOTEWORTHY OUTPUTS

Please provide details of any other noteworthy outputs in 2020 and 2021 (e.g. student exchanges, joint supervision, joint degree, etc.).

The project developed 10 online seminars regarding the use, development and identification of open educational resources and inclusive education. The recording of these seminars remains as open access on the official website of the project as an open educational resource for Spanish-speaking and Anglo-Saxon audiences (<https://www.wununesco.world/>); this through YouTube (<https://bit.ly/3lCu52C>) and the institutional repository of Tecnológico de Monterrey (<https://bit.ly/3pqCyyj>).

Project Evolution

Has your project adapted or evolved in unexpected ways?

We delivered ten wonderful webinars, thank you very much for this great contribution to open education. With a training reach of 953 registrants, 526 answered the first survey, and 253 certificates were awarded to those who covered at least 8 webinars and answered the initial and final instrument. Certificates have already been sent to those who passed.

The project evolved adequately and was scaled through the "Community STEAM-OER-LATAM" project (<https://www.oer-steam.world/>), which seeks to cooperate and facilitate the transition of the RED STEAM Latam towards the STEAM-OER-LATAM Community.

Program Status

Update on the status of your program*

Is this a continuing WUN collaboration? (Will it continue into at least 2022?)

Yes

File Attachment Summary

Applicant File Uploads

No files were uploaded