

*Encuentro anual de
investigación,
innovación y
creación*

PUCP 2021

Del 27 de
septiembre
al 15 de
octubre



Sistemas CRIS, Información de Investigación y Ciencia Abierta

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¿Qué es un [sistema] CRIS?



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[Main page](#)
[Contents](#)
[Current events](#)
[Random article](#)
[About Wikipedia](#)
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[Help](#)
[Learn to edit](#)
[Community portal](#)
[Recent changes](#)
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[Related changes](#)
[Special pages](#)
[Permanent link](#)
[Page information](#)
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[Download as PDF](#)
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[Deutsch](#)

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Talk

Read

Edit

View history

Search Wikipedia



Current research information system

From Wikipedia, the free encyclopedia

A **current research information system** (**CRIS**) is a [database](#) or other [information system](#) to store, manage and exchange contextual metadata for the research activity funded by a research funder or conducted at a research-performing organisation (or aggregation thereof).^[1]

CRIS systems are also known as Research Information Management or RIM Systems (RIMS).^{[2][3]}

Contents [hide]

- Features
- Use case
 - Research assessment
 - Research administration
 - Open Science implementation
 - Business intelligence
- See also
- References
- Further reading
- External links

Features [edit]

The data model underpinning a CRIS relies on a set of basic entities as defined by the Common European Research Information Format ([CERIF](#)[\[4\]](#)) model maintained by the non-profit organisation [euroCRIS](#).

The links connecting these entities provide a standardised semantic layer that provides consistency to the data model. The basic CERIF entities are **people, organisations, projects and outputs** (publications, research data, patents). Further second-level entities in the comprehensive snapshot of research provided by CERIF are for instance funding, research facilities and equipment or skills.

System interoperability lies at the core of CRIS operation, both from an internal and an external viewpoint. Internally, information is exchanged between the multiple information-gathering systems at institutions (HR systems, project management tools, finance management systems, etc.) and the one-stop-shop CRIS where all the institutional research

¿Para qué/quié son los CRIS?



WIKIPEDIA
The Free Encyclopedia

[Main page](#)
[Contents](#)
[Current events](#)
[Random article](#)
[About Wikipedia](#)
[Contact us](#)
[Donate](#)

[Contribute](#)

[Help](#)
[Learn to edit](#)
[Community portal](#)
[Recent changes](#)
[Upload file](#)

[Tools](#)

[What links here](#)
[Related changes](#)
[Special pages](#)
[Permanent link](#)
[Page information](#)
[Cite this page](#)

Use case [\[edit \]](#)

Among the key applications of the aggregated pool of research information collected in CRIS system it's worth mentioning the following areas.

Research assessment [\[edit \]](#)

As mentioned in the "Practices and Patterns" report, research assessment is one of the key drivers for the implementations of CRIS systems, especially at research-performing organisations. This is due to the need for all institutional research outputs to be collected and described in a standardised way in a single institutional system that is also able to gather information on impact indicators. A particularly important example of this connection is the UK Research Excellence Framework (REF), whose 2014 edition resulted in a widespread adoption of commercial CRIS systems by UK institutions.^[12]

Research administration [\[edit \]](#)

As a one-stop-shop for storing all the information related to the institutional research activity, CRIS systems play a key role in the area of research administration by institutional Research Offices. Among many others, this involves aspects such as:

- Research impact and its analysis
- Research collaborations across institutions and with Industry
- Preparation of project proposals and subsequent management of awarded grants
- Knowledge Exchange

Open Science implementation [\[edit \]](#)

Where available, CRIS systems are often key components in the Open Science implementation strategy at research-performing organisations^[13] due to their systematic use for collecting information on all research outputs produced at institutions.

Business intelligence [\[edit \]](#)

Their comprehensive aggregation of contextual research information makes CRISs very suitable tools for extracting business intelligence indicators for decision-making purposes at institutions and beyond. Emerging areas of work like the Knowledge Exchange Framework (KEF) in the UK^[14] provide further practical applications for these systems.

El modelo CERIF

Mission

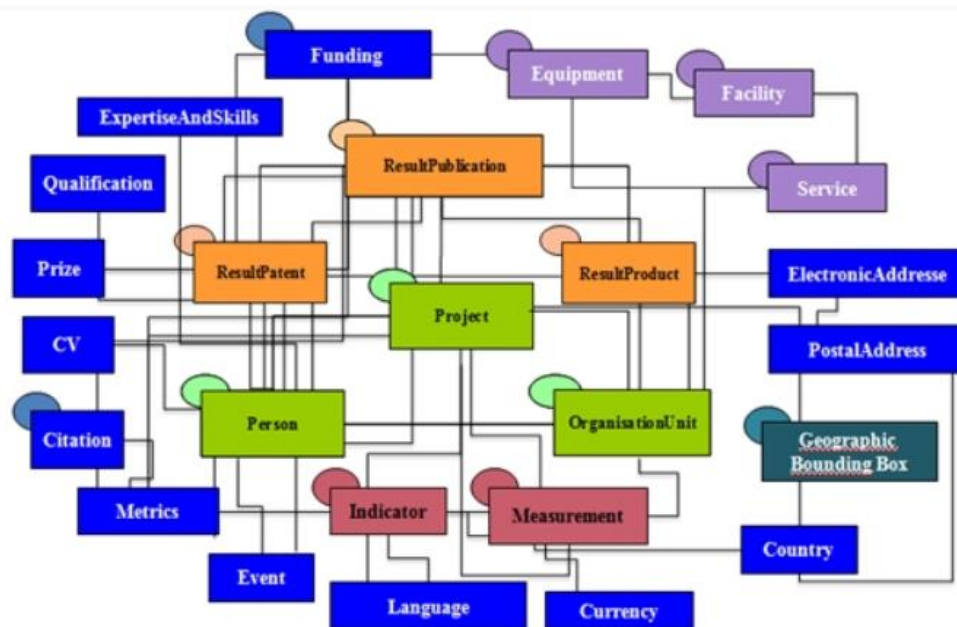
"To promote collaboration within the research information community and advance interoperability through CERIF"



Main features of CERIF

CERIF (the Common European Research Information Format) is:

- A concept about research entities and their relationships – Specification (Conceptual Level)
- A description of research entities and their relationships – Model (Logical Level)
- A formalization of research entities and their relationships – Database Scripts (Physical Level)



MoU CONCYTEC/euroCRIS (Lima, 1 de octubre de 2018)



Proyecto PerúCRIS



PerúCRIS ▾ Conferencia 2021 Comunidad ▾ Actividades ▾ Noticia

Plataforma #PerúCRIS

La Plataforma #PerúCRIS permitirá fortalecer la generación de información sobre el sistema de ciencia, tecnología e innovación para la toma de decisiones, así como para el seguimiento y control de acciones.

Plataforma #PerúCRIS

La Plataforma #PerúCRIS brindará el soporte informático a la Red Nacional de Información en CTI, con beneficios para los investigadores, instituciones del SINACYT, el Gobierno y la empresa.

Estos son:

- Permitir el desarrollo de estadísticas científicas y tecnológicas.
- Proporcionar información para la planificación, promoción, ejecución y evaluación de las actividades de CTI.
- Promover la difusión sistemática del conocimiento académico, técnico e industrial y las capacidades humanas en CTI.

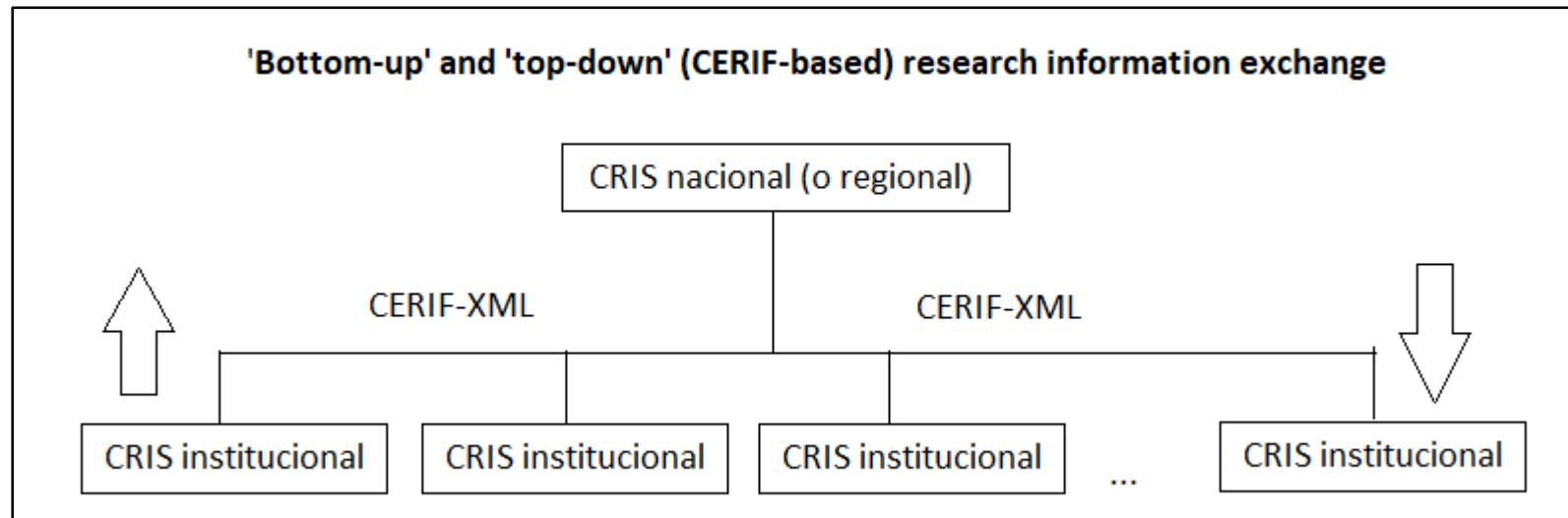
Vinculación con Financiadores

El Plan Nacional de Competitividad y Productividad 2019-2030, estipula el desarrollo de una plataforma digital centralizada de datos de CTI, estableciendo como primer hito de gestión para julio de 2021 que la plataforma vincule Fondos de CTI al 70% de sus módulos operativos. Esta plataforma formará parte del Directorio de Proyectos de la Plataforma #PerúCRIS.

Para este fin, el Concytec realizará la recopilación de información desde las entidades públicas que financian fondos en CTI: Programa Innóvate Perú - PRODUCE, Programa Nacional de Innovación Agraria (PNIA), Programa Nacional de Innovación en Pesca y Acuicultura (PNIPA), Instituto Nacional de Salud (INS) y Fondo Nacional de Desarrollo Científico, Tecnológico y de Innovación Tecnológica (FONDECYT).

<https://perucris.concytec.gob.pe/perucris/plataforma-per%C3%BAcris>

Interoperabilidad a nivel nacional/regional



Interoperabilidad a nivel nacional/regional

'Bottom-up' and 'top-down' (CERIF-based) research information exchange

FRIS
Research portal



Flanders
State of the Art

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Researchers



(2544)
Organisations



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Projects



(491942)
Publications



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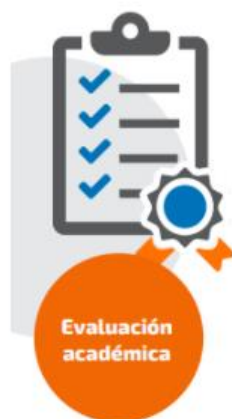
Our partners

The FRIS (Flanders Research Information Space) program has been established as close cooperation between the Department of Economics, Science and Innovation and the knowledge institutions in Flanders. With each of them, the Flemish government concluded the necessary agreements to allow data delivery from their systems to the FRIS portal. In this way, the institutions remain the authentic source of their own data, and the exchange of information no longer will be based on ad hoc collecting a set of data for FRIS.

Sistemas CRIS en Latinoamérica



Herramienta 1: Los sistemas CRIS, su potencialidad para visibilizar diversas formas de producción de conocimiento e impulsar nuevas modalidades de evaluación



Desde el lanzamiento de FOLEC¹, en noviembre de 2019, CLACSO² viene jugando un papel significativo en las discusiones acerca de la evaluación académica. Tres documentos fundacionales fueron publicados en junio de 2020. 1) *Evaluando la evaluación de la producción científica*³, dedicado a reunir los elementos principales de los debates de fondo que atraviesan la **evaluación académica** en América Latina y el mundo. 2) *Diagnóstico y propuestas*⁴ para una iniciativa regional, un documento propositivo que se ofrece como base a la discusión regional para la formulación de recomendaciones y 3) la *Declaración de Principios*⁵ que se pone en discusión para construir un horizonte común que dé sustento a la iniciativa regional y su interacción con el mundo. En estos documentos se argumenta que las formas dominantes de evaluación no estimulan la investigación **socialmente relevante** y tampoco aseguran su calidad, dado el extendido uso de indicadores de impacto contruidos por bases de datos comerciales como Scopus o Web of Science, que excluyen una gran parte de la producción de conocimientos de la región. En el documento de diagnóstico se analizaron los esquemas de ponderación dominantes para la evaluación de carreras e instituciones. Se planteó la necesidad de redefinir



<https://www.clacso.org/herramienta-1-los-sistemas-cris-su-potencialidad-para-visibilizar-diversas-formas-de-produccion-e-impulsar-nuevas-modalidades-de-evaluacion/>

Sistemas CRIS en Latinoamérica

“ conviene pensar en la viabilidad de un #CRIS-LATINOAMÉRICA, que sirva de horizonte para todas las iniciativas institucionales o nacionales que están en progreso. Su factibilidad depende en gran medida del compromiso e involucramiento de distintos actores y de la construcción en un espacio colaborativo regional. En este sentido, La Referencia se presenta como un instrumento idóneo para articular repositorios y sistemas de información. ”



<https://www.clacso.org/herramienta-1-los-sistemas-cris-su-potencialidad-para-visibilizar-diversas-formas-de-produccion-e-impulsar-nuevas-modalidades-de-evaluacion/>

Sistemas CRIS en Latinoamérica

DRIS

27

Country

Mexico

7

Peru

6

Colombia

5

Argentina

3

Chile

2

Costa Rica

2

Brazil

1

Ecuador

1

Software

Pure

12

DSpace-CRIS

6

VIVO

5

In-house-built

2

Converis

1

PeopleSoft

1

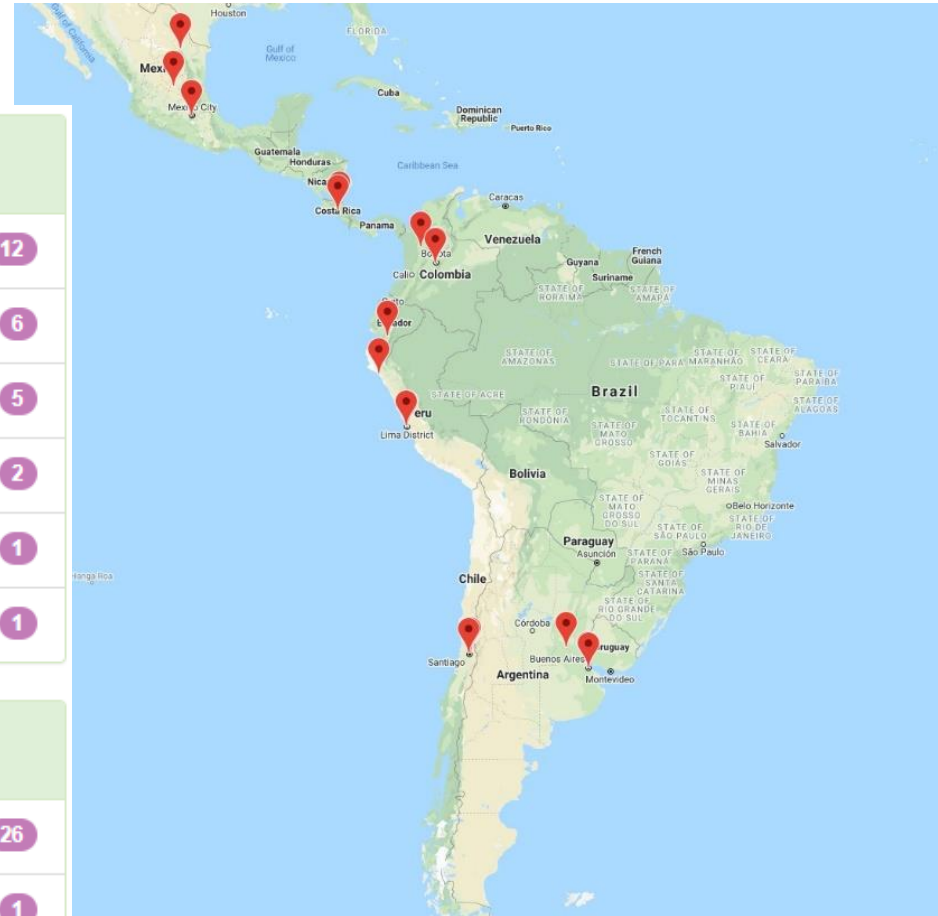
Status

Operational

26

Under Construction ...

1



Sistemas CRIS en Perú

EuroCRIS

Search the DRIS

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Go

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[previous](#)

1

[next](#)

DRIS Entries

Acronym	Name	Scope	Organisation
<i>Pure UP</i>	Pure Universidad del Pacifico	<i>Institutional</i>	Universidad del Pacifico (Perú) 
<i>UsatCRIS</i>	UsatCRIS	<i>Institutional</i>	Universidad Católica Santo Toribio de Mongrovejo (USAT) 
<i>SII-SAN MARCOS</i>	San Marcos Research Information System	<i>Institutional</i>	Universidad Nacional Mayor de San Marcos 
<i>CRIS Ulima</i>	Current Research Information System of University of Lima	<i>Institutional</i>	Universidad de Lima 
<i>SIC-USIL</i>	Sistema de Información Científica USIL	<i>Institutional</i>	Universidad San Ignacio de Loyola 
	Repositorio Institucional CONCYTEC	<i>Funder</i>	Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica (CONCYTEC) 

Estudio de caso: SIGPRO (UCR)

SIGPRO | Sistema de Información y Gestión
de Proyectos, Programas y Actividades

 Listado general de proyectos

 Listado general de investigadores

 Listado general de unidades de investigación

Buscar investigaciones de la UCR desde 1975 hasta la fecha

Ingrese una palabra clave para consultar por proyecto, investigador o unidad de investigación en nuestra base de datos.

Búsqueda en listado general

☒ Proyecto ☐ Investigador ☐ Unidad de investigación

 BUSCAR

<https://vinv.ucr.ac.cr/sigpro/web/>



Regresar al Portal de la Investigación

Estudio de caso: Instituto Clodomiro Picado (UCR)

instituto clodomiro picado

Buscar

Listado general de proyectos

Listado general de investigadores

Listado general de unidades de investigación

Proyectos

Mostrando: 3 ítems coinciden con "instituto clodomiro picado"

Descargar reporte en PDF

DESCRIPCIÓN	INVESTIGADORES	ESTADO ▾
B7111 REPRODUCCIÓN EX-SITU E IN-SITU DE SERPIENTES VENENOSAS DE INTERÉS PRODUCTIVO PARA EL SERPENTARIO DEL INSTITUTO CLODOMIRO PICADO.	Aarón Gómez Arguello	Terminado
B2812 PROMOCIÓN, DISTRIBUCIÓN Y VENTA DE ANTITOXINA TETÁNICA PRODUCIDA EN EL INSTITUTO CLODOMIRO PICADO	Alberto Alape Giron	Vencido
A0804 DESARROLLO, PRODUCCIÓN, PROMOCIÓN, DISTRIBUCIÓN Y VENTA DE ANTIVENENOS OFÍDICOS POR EL INSTITUTO CLODOMIRO PICADO.	Marvín Madrigal Villalobos Marietta Flores Díaz Alberto Alape Giron Wendy María Aguilar Ulloa	Desarrollo

Estudio de caso: Instituto Clodomiro Picado (UCR)

LA INDUSTRIA FARMACÉUTICA Y LA PRODUCCIÓN DE SUERO ANTIOFÍDICO

Las serpientes todavía matan en la India

Las mordeduras de serpiente, un flagelo de los países pobres, son una de las enfermedades tropicales más desatendidas. En la India, matan más que en ninguna otra parte del mundo. Las cobras, víboras y kraits también podrían tener el poder de curar, siempre y cuando se eliminen los obstáculos industriales, logísticos y culturales a la producción de sueros.

por **Alexia Eychenne** y **Rozenn Le Saint**, octubre de 2021

Research Portal

Dr Anita Malhotra

Reader in Zoology (Molecular Ecology)

[Directory of expertise](#)

[Researchers](#)

[Research outputs](#)

[Impact](#)

[Research projects](#)

[Research activities](#)

[Research Data](#)

[Media coverage](#)



Affiliations

▪ [School of Natural Sciences](#)



[0000-0002-1738-9046](#)

Postal address

3rd Floor ECW building
Deiniol Road
Bangor, Gwynedd
LL57 2UW
United Kingdom

Contact info

Another strand to this research on venomous snakes involves snakebite mitigation, and I am currently involved in several projects in India, dubbed the "snakebite capital of the world", where c. 50,000 people die from snakebite every year and many more suffer permanent disability. Together with partners in India, our work ranges from mapping the distribution and genetic and venom variation present in venomous species across the country, to undertaking rescuer training and education and awareness programs. We are particularly focussing on the Himalayan and northeastern region, which belong to biodiversity "hotspots" but are relatively

Research outputs

(49)

[Promoting co-existence between humans and venomous snakes through increasing the herpetological knowledge base](#)

Research output: Contribution to journal › Article

[Complex target SELEX-based identification of DNA aptamers against Bungarus caeruleus venom for the detection of envenomation using a paper-based device](#)

Research output: Contribution to journal › Article

[Confirmation of Naja oxiana in Himachal Pradesh, India](#)

Research output: Contribution to journal › Article

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E-pub ahead of print



E-pub ahead of print



Published



Prof. activities and awards

(4)

[American Society of Tropical Medicine and Hygiene, Miami, USA](#)

Activity: Participating in or organising an event › Participation in conference

[Round Table on Snakebite](#)

Activity: Participating in or organising an event › Participation in workshop, seminar, course

[SNAKEBITE MITIGATION AND INNOVATIVE WAYS TO DEVELOP EFFECTIVE ANTIVENOM](#)

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Research outputs

(49)

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Research output: Contribution to journal › Article

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Research output: Contribution to journal › Article

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(4)

[American Society of Tropical Medicine and Hygiene, Miami, USA](#)

Activity: Participating in or organising an event › Participation in conference

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[SNAKEBITE MITIGATION AND INNOVATIVE WAYS TO DEVELOP EFFECTIVE ANTIVENOM](#)

Activity: Participating in or organising an event › Participation in workshop, seminar, course

Overview

Research outputs

Impact

Research projects

Research activities

View more...

Research Data

Accolades

Theses

1 - 1 out of 1

[Multilocus phylogeny, species age and biogeography of the Lesser Antillean anoles](#)

Thorpe, R. (Contributor), Barlow, A. (Creator), Surget-Groba, Y. (Creator) & [Malhotra, A.](#) (Contributor), Prifysgol Bangor University, 1 Jun 2018

Dataset

Research Portal

Directory of expertise

Researchers

Research outputs

Impact

Research projects

Research activities

Research Data

Media coverage

Accolades

Round Table on Snakebite

Overview

- [Anita Malhotra](#) - Speaker
- [School of Natural Sciences](#)

Description

7 Aug 2018

Round Table on Snakebite

Duration	7 Aug 2018 → ...
Location of event	MSF Branch Office
City	New Delhi
Country	India
Degree of recognition	International event

Event: Other

Research Portal

Directory of expertise

Researchers

Research outputs

Impact

Research projects

Research activities

Research Data

Media coverage

Accolades

Equipment

RESEARCH PORTAL > RESEARCH OUTPUTS >
PROMOTING CO-EXISTENCE BETWEEN HUMANS AND VENOMOUS SNAKES TH...

Promoting co-existence between humans and venomous snakes through increasing the herpetological knowledge base

Overview

Cite

- [Anita Malhotra](#)
[School of Natural Sciences](#)
- [Wolfgang Wüster](#)
[School of Natural Sciences](#)
- [John Benjamin Owens](#)
[School of Natural Sciences](#)
- Cameron Wesley Hodges
Suranaree University of Technology, Thailand
- Allwin Jesudasan
Madras Crocodile Bank Trust
- Gnaneswar Ch
Madras Crocodile Bank Trust
- Ajay Kartik
Madras Crocodile Bank Trust
- Peter Christopher
Madras Crocodile Bank Trust
- Jose Louies
Indian Snakes, Kottayam
- Hiral Naik
University of the Witwatersrand, South Africa
- Vishal Santra
Simultala Conservationists (Foundation for Wildlife), Nalikul
- Sourish Kuttalam
Simultala Conservationists (Foundation for Wildlife), Nalikul
- Shaleen Attre
University of Kent
- Mahmood Sasa
Instituto Clodomiro Picado
- Carlos Bravo-Vega
Universidad de los Andes, Bogota
- Kris A. Murray
Imperial College London

Electronic versions

Documents

- [1-s2.0-S2590171021000175-main](#)

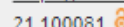


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UK Research
and Innovation

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Health in a changing climate: the dynamic challenge of snake bite in South Asia

Lead Research Organisation: [Liverpool School of Tropical Medicine](#)

Department Name: Clinical Sciences

[◀ Go back](#)

[Overview](#) [Organisations](#) [People](#) [Publications](#) [Outcomes](#)

Abstract

Snakebite is a neglected tropical disease (NTD) and despite being less well publicised and studied, has a far greater impact than many other NTDs such as dengue or leishmaniasis. There are estimates of up to 120,000 deaths per year globally with considerable additional morbidity resulting, for example, from limb damage or renal failure. This burden of disease is relatively hidden as snakebite not only predominantly affects poorer countries in the tropics and subtropics, but it also mainly affects the rural poor, particularly agricultural workers and subsistence farmers in lower-middle income countries (LMICs).

In many countries, snakebite is seasonal and is distributed unevenly across a country because of complex interactions between human behaviour, climate, varying geography and other factors affecting snake distributions. This means that there are substantial challenges in estimating the number of deaths and complications of snakebite. National surveys are rare because they are so difficult to carry out. The variation in numbers of snakebite across countries and over any one year means that it is difficult to estimate national and regional numbers from time-limited small local studies. This absence of accurate numbers for many countries and regions means that the problem does not get the international attention that it requires and makes it extremely difficult for local public health authorities to plan appropriate health services.

Funded Value:

£512,672

Funded Period:

Mar 17 - Feb 20

Funder:

MRC

Project Status:

Closed

Project Category:

Research Grant

Búsqueda en listado general

Buscar

-  [Listado general de proyectos](#)
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Investigador(a)

Mahmood Sasa Marín

Correo electrónico: MAHMOOD.SASA@ucr.ac.cr

Categoría Régimen Académico: PROF. INTERINO LIC.
Grado Académico: DR.
Unidad Base: FACULTAD DE MICROBIOLOGÍA

- Proyectos
- Publicaciones Kérwá

PROYECTOS

Mostrando 20 proyectos

NÚM. DE PROYECTO	DESCRIPCIÓN	UNIDAD DE INVESTIGACIÓN	ESTADO ▾
C0075	IDENTIFICACIÓN DE LOS COMPONENTES PRINCIPALES Y CARACTERIZACIÓN DE LAS ACTIVIDADES BIOQUÍMICAS DEL VENENO DEL ESCORPIÓN CENTRUROIDES EDWARDSII (GERVAIS 1843) COLECTADO EN COSTA RICA.	Instituto Clodomiro Picado	➡ Desarrollo
C0061	ESTUDIO DE LA COMPOSICIÓN PROTEÓMICA, ACTIVIDADES TÓXICAS, INMUNORECONOCIMIENTO Y NEUTRALIZACIÓN DEL VENENO DE BOTHRIECHIS NUBESTRIS: LA MÁS RECIENTE ESPECIE IDENTIFICADA DE LAS SERPIENTES VENENOSAS DE COSTA RICA	Instituto Clodomiro Picado	➡ Desarrollo
B9601	INVESTIGACIÓN INTEGRAL DE LAS TORTUGAS MARINAS EN SITIOS DE ALIMENTACIÓN Y REPRODUCCIÓN: ¿QUÉ TIPO DE MANEJO SE REQUIERE PARA CONSERVAR SUS POBLACIONES A LA VISTA DEL CALENTAMIENTO GLOBAL?	Centro De Investigación En Ciencias Del Mar Y Limnología	➡ Desarrollo
B9523	DEVELANDO LOS MECANISMOS DE DESARROLLO TRANSCRIPCIÓN DE LA SÍNTESIS TEMPRANA DE LOS BUFADIENÓLIDOS CITOTÓXICOS, ANTIMICROBIANOS Y CARDIOTÓNICOS EN SAPOS	Instituto Clodomiro Picado	➡ Desarrollo

Unidad de Investigación

ID: 741

INSTITUTO CLODOMIRO PICADO

Director o directora: Dr. Alberto Alape Girón
Área: SALUD
Correo electrónico: icp@ucr.ac.cr
Teléfono: (506) 2511-7888 / (506) 2511-7859
Sitio web: www.icp.ucr.ac.cr

Personas investigadoras	Personal colaborador	Proyectos	Proyectos en colaboración	Publicaciones Kérwá
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Mostrando 17 personas investigadoras

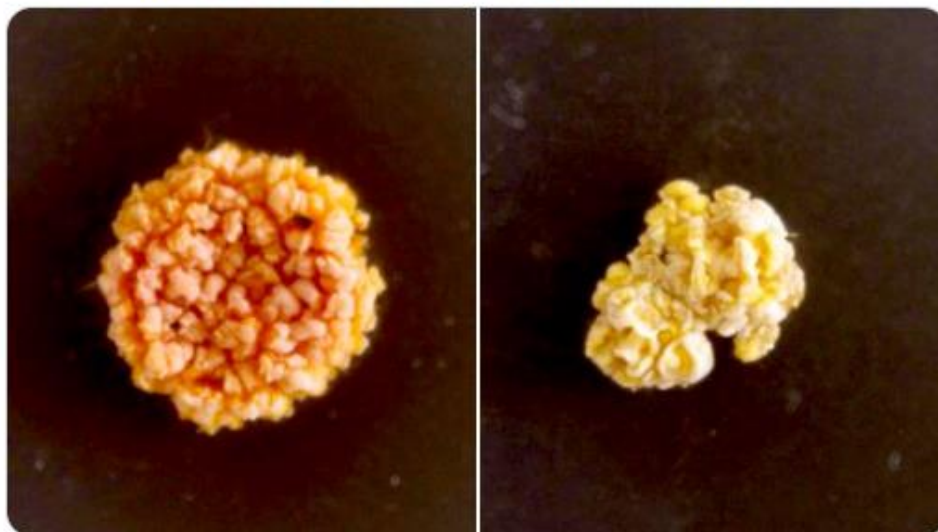
NOMBRE	ESTADO ▾	CORREO ELECTRÓNICO
Acuña Espinola, Gabriel Angel	⊖ Inactivo	
Aguilar Ulloa, Wendy María	⊖ Inactivo	wendy.aguilarulloa@ucr.ac.cr
Altamirano Monge, Jose	⊖ Inactivo	
Araya Pizarro, Xavier Alberto	⊖ Inactivo	
Arce Estrada, Denice	⊖ Inactivo	
Arias Gomez, Berny	⊖ Inactivo	
Arias Rodríguez, Jazmin Melania	⊖ Inactivo	jazmin.arias@ucr.ac.cr
Bonilla Murillo, Fabián	+ Activo	fabian.bonilla@ucr.ac.cr

← Thread



Dr Katherine R. Duncan
@kate_duncan

Congrats to Duncan lab PhD student @JonathanParraV -formal description incl genome sequencing of 2 new #actinomycete species 'Pseudonocardia abyssalis sp. nov. & Pseudonocardia oceani sp. nov., two novel actinomycetes isolated from the deep Southern Ocean' [microbiologyresearch.org/content/journal...](https://microbiologyresearch.org/content/journal/microbiologyresearch/10.1099/mic/0/0000000000000000)



6:35 AM · Sep 29, 2021 from Leyden, The Netherlands · Twitter for iPhone

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@JonathanParraV

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PhD student at @SIPBS_Strath in the @kate_duncan lab. Interested in #NaturalProducts, #ChemicalEcology, and #DrugDiscovery. 🇬🇧 in 🇸🇪.

INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY

Volume 71, Issue 9

Research Article | Open Access

***Pseudonocardia abyssalis* sp. nov. and *Pseudonocardia oceani* sp. nov., two novel actinomycetes isolated from the deep Southern Ocean**

Jonathan Parra¹ , Sylvia Soldatou^{1,†} , Liam M. Rooney^{1,‡} , Katherine R. Duncan¹ 

 Hide Affiliations

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***Correspondence:** Katherine R. Duncan, katherine.duncan@strath.ac.uk

First Published: 28 September 2021 | <https://doi.org/10.1099/ijsem.0.005032>

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ID: 82213220



Jonathan Enrique Parra Villalobos
Person

OVERVIEW

Relations

Display

Overview

Formats

Jonathan Enrique Parra Villalobos

Organisations

Doctor of Philosophy, Strathclyde Institute Of Pharmacy And Biomedical Sciences

1/07/18 → present

Supervised by: **Hoskisson, Paul**

1/07/18 → ...

Duncan, Katherine

First/primary/lead supervisor

1/07/18 → ...

Registered - Writing up

Project title: The influence of biogeography on marine actinomycetes specialized metabolism

Person - Pure 5.21.1-1 - Google Chrome

pure.strath.ac.uk/admin/editor/dk/atira/pure/api/shared/model/person/editor/personeditor.xhtml

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jonathan parra

Buscar



Listado general de
proyectos



Listado general de
investigadores



Listado general de
unidades de investigación

Personas investigadoras

Resultados de búsqueda: 14 ítems coinciden con "jonathan parra"

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Categoría Regimen Académico: INSTRUCTOR

Grado Académico: M.Sc.

Unidad Base: FACULTAD DE FARMACIA

Proyectos

Publicaciones Kérwá

PROYECTOS

Mostrando 5 proyectos

NÚM. DE PROYECTO	DESCRIPCIÓN	UNIDAD DE INVESTIGACIÓN	ESTADO ▾
B3087	DETERMINACIÓN DE LA CALIDAD DE LOS FITOFÁRMACOS Y COMPLEMENTOS ALIMENTARIOS DE PRODUCTOS QUE SE COMERCIALIZAN EN COSTA RICA	Centro De Investigación En Productos Naturales	✓ Terminado
B3002	ACTIVIDAD ANTIOXIDANTE Y ANTIMICROBIANA DEL TÉ VERDE QUE SE EXPENDE EN EL AREA METROPOLITANA DE SAN JOSÉ, COSTA RICA	Centro De Investigación En Enfermedades Tropicales	✓ Terminado
B2656	UTILIZACIÓN DE TÉCNICAS INNOVADORAS PARA FOMENTAR LA DIVERSIFICACIÓN, LA PRODUCCIÓN Y EL CONSUMO DE CHAYOTE (SECHUM EDOLE). ETAPA I	Instituto De Investigaciones Farmaceuticas	✓ Terminado
A9522	DESARROLLO, ESTANDARIZACIÓN Y VALIDACIÓN DE FORMULACIONES FARMACÉUTICAS A BASE DE PLANTAS MEDICINALES DE INTERÉS EN COSTA RICA	Instituto De Investigaciones Farmaceuticas	✓ Terminado
A8729	PROMOCIÓN DEL EMPRENDEDURISMO ENTRE LOS ESTUDIANTES DE LA ESCUELA DE AGRONOMÍA MEDIANTE EL ESTABLECIMIENTO DE EMPRESAS ESTUDIANTILES Y SU ULTERIOR INCUBACIÓN	Estacion Experimental Agrícola Fabio Baudrit	✓ Terminado



Innovation & Industry Engagement Case studies



Revive Eco



Swipii



Dxcover Limited



Propess



MGB BioPharma



Huli



Pick Protection



IBH



Microplate



Caribbean Goods



ENOUGH

Case study

MGB BioPharma

Innovating to beat evolving bacteria

Professors Colin Suckling and Iain Hunter, of the Department of Pure & Applied Chemistry and Strathclyde Institute of Pharmacy and Biomedical Sciences respectively, designed and synthesised a novel class of anti-infective. The intellectual property was licensed to pharmaceutical company MGB BioPharma to develop a new antibiotic to treat infections that have become resistant to the drugs that are currently in use.

Approximately 3% of healthy adults and up to 66% of infants have *Clostridium difficile* in their gut without it causing any harm. The bacteria usually live in balance with many 'good bacteria' in the bowel. However, if good bacteria are reduced, *C. difficile* can multiply rapidly and produce toxins. People over the age of 65, those taking antibiotics, those with compromised immune systems, or those with inflammatory bowel disease, are more at risk for developing *C. difficile*-associated disease (CDAD). These infections have a high mortality rate, with 1 out of every 11 patients aged 65 or older dying within 30 days of diagnosis. To address the global problem of antibiotic resistance, MGB BioPharma is testing MGB-BP-3 – a bactericidal antibiotic. The bio-tech science company believes that MGB-BP-3 has the potential to offer a new paradigm in the treatment of CDAD because it kills *C. difficile* while still in its vegetative form, before infection can develop.



Choose your own outdoor
adventure

**Visit MGB
BioPharma's
website**

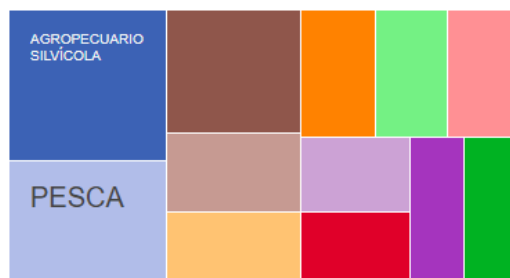
Análisis de datos (“business intelligence”)

Menu

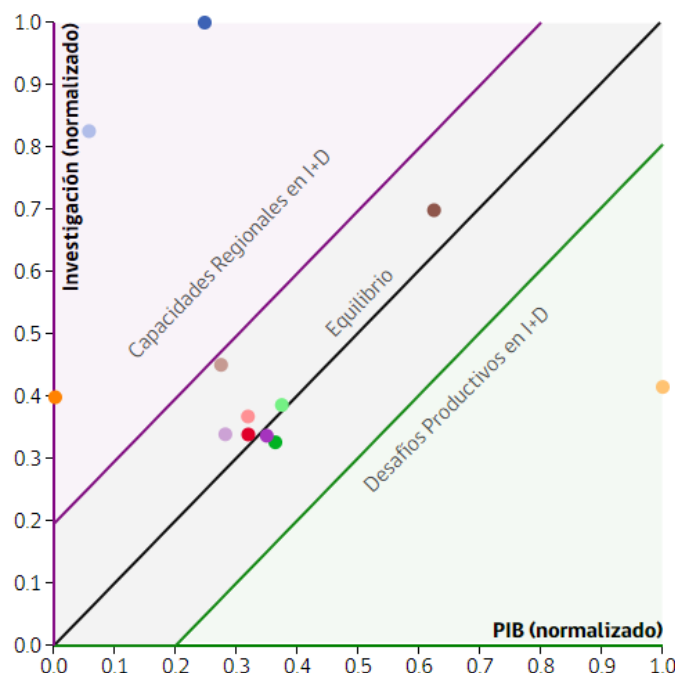
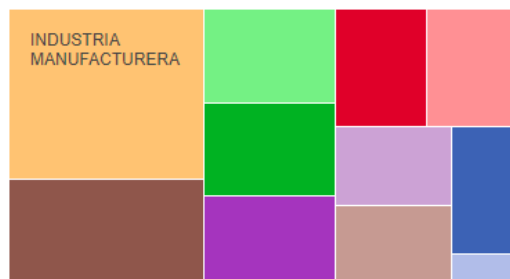
Entorno Productivo

i

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- ELECTRICIDAD, GAS Y AGUA
- CONSTRUCCIÓN
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- TRANSPORTE Y COMUNICACIONES
- FINANCIEROS Y EMPRESARIALES
- SERVICIOS DE VIVIENDA
- SERVICIOS PERSONALES (EDUCACIÓN,...)
- ADMINISTRACIÓN PÚBLICA

Encuentro anual de
**investigación,
innovación y
creación**

PUCP 2021

Del 27 de
septiembre
al 15 de
octubre



¡Gracias!

Pablo de Castro

euroCRIS Secretary

Open Access Advocacy Librarian

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