



Pan American Federation of Faculties and Schools of
Veterinary Sciences

Pan American Association of Veterinary Sciences.

Pan American Council for Education in Veterinary
Sciences.

Third Call

VII International Forum of Veterinary Education.



20, 21 & 22 November 2023

Facultad de Veterinaria, Universidad de la República, Uruguay.



**FEDERACION PANAMERICANA DE ESCUELAS y
FACULTADES DE MEDICINA VETERINARIA**



Facultad de Veterinaria
Universidad de la República
Uruguay

VII International Forum of Veterinary Education..

The Pan American Federation of Schools and Faculties of Veterinary Medicine extends a cordial invitation to you to participate in the VII International Forum on Veterinary Education. This event will be hosted by the Faculty of Veterinary Medicine at the University of the Republic in Montevideo, Uruguay, on November 20, 21, and 22, 2023.

The International Forum on Veterinary Education recognizes the significance of shaping the vision of quality education and the practice of the veterinary profession. The aim is to train competent professionals who, through their work, can provide certainty regarding animal health, human health, and the environment within a framework of sustainable development (One Health), safety, food self-sufficiency, and employment. This Forum coincides with the celebration of 120 years of Veterinary Studies in Uruguay.

We look forward to your kind presence.

SINCERELY.

Dr. Juan de Jesús Taylor Preciado.
President.

Dr. Víctor Luis Cubillos Godoy
Vicepresident.

Dr. José Piaggio Mazzara.
Dean Facultad de Veterinaria
Universidad de la República - Uruguay

Federación Panamericana de Escuelas y Facultades de Medicina Veterinaria
<https://fpefmv.org/> Manzanillo Numero 83, 8°. Piso | Col. Roma Sur. C.P. 06760.
Ciudad de México fedpanmv@yahoo.com



**FEDERACION PANAMERICANA DE ESCUELAS y
FACULTADES DE MEDICINA VETERINARIA**



VII International Forum of Veterinary Education.

Program.

Place: Faculty of Veterinary Medicine of the University of the Republic.

Address: Route 8, km 18, Montevideo, Uruguay.

Date: November 20, 21 and 22, 2023

Monday, November 20		
Time	Activity	Speaker
8:30-09:00	Registration of attendees.	
09:00-09:30	Welcome.	Dr. José Miguel Piaggio Mazzara (Decano Facultad de Veterinaria. Universidad de la República, Uruguay)
	Inauguration of the Education Forum.	Prof. Rodrigo Arim (Rector de la Universidad de la Republica) A confirmar
	Program: VII International Forum on Veterinary Education -Pan American Federation of Schools and Faculties of Veterinary Medicine-.	Dr. Juan de Jesús Taylor President of the Pan American Federation of Schools and faculties of Veterinary Medicine -.FPEFMV.
09:30-09:45	CIVME Program Presentation.	Dr. Carlos González Riveros. CIVME
09:45-10:15	Conference: Quality assurance tools in Veterinary Medicine Faculties	Dr. Andrew Maccabe. American Association of Veterinary Medical Colleges (AAVMC).
10.15-10.30	coffee break	
10.30-10.45	Introduction.- Accreditation Systems in each CIVME region.	Dr. Andrew Maccabe. American Association of Veterinary Medical Colleges (AAVMC).
10:45-12:30	Accreditation systems in each CIVME region. (Africa, Australia/New Zealand, Asia, Continental Europe, Middle East/North Africa, UK/Ireland, US/Canada)	Representatives of each Region.
12:30-14:00	Lunch	

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14:00-14:20	Presentation: National systems of accreditation in Latin American countries	Dr. Alberto Arres.
14:20-14:40	Presentation: ARCU-SUR Accreditation System	Dr. José Passarini
14:40-15:00	Presentation: COPEVET Accreditation System	Dr. Rafael Gianella Mondadori
15:00-15:30	coffee break	
15:30-18:30	Training workshop by CIVME members	CIVME members Sarah Baillie/José Ciapessoni
15:30-18:30	Meeting and Assembly of the PANVET Board of Directors.	

Tuesday 21 November		
Time	Activity	Speaker
09:00-10:30	Occupational Risks in the Veterinary Profession.	- Héctor Tarabla, UNL, Argentina - José Arce (CIVME) Puerto Rico/Estados Unidos - Darío Hirgoyen, Udelar, Uruguay
10:30-12:30	Visit to the Facilities of the Faculty of Veterinary Medicine. Universidad de la Republica.	
12:30-13:30	Lunch	
13:30-14:20	Keynote Conference: "Global society and veterinary services"	Dr. Rafael Laguens. President of the World Veterinary Association.
14:20-14:30	Entrega de Reconocimientos	
14:30-15:30	Panel: Panel: Permanent training in the veterinary profession.	- Elizabeth Breiningner, UBA, Argentina. - Marcelo Rodríguez, Udelar, Uruguay. - Juan José Zárate, CONCERTVET, México.
15:30-16:00	Group Photo and Coffee Break Poster Presentation.	
16:00-16:30	Conference: Introduction to the analysis of inclusion of the One Health Theme in Veterinary Medicine study plans in Latin America.	Dr. Juan de Jesús Taylor President of the Pan American Federation of Schools and faculties of Veterinary Medicine (FPEFMV).
16:30-18:30	Working groups 1 and 2: Analysis and proposal for inclusion of the One Health Theme in study plans of Veterinary Medicine in Latin America	Participation of all attendees

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16:30-18:30	Meeting and Assembly of the Board of Directors of the Pan American Federation of Schools and Faculties of Veterinary Medicine.
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Wednesday 22 November		
Time	Activity	Speaker
09:00-12:00	COPEVET Board of Directors Meeting and Assembly	
09:00-12:00	Meeting of the Association of Faculties and Schools of Veterinary Sciences of MERCOSUR and Associated Countries (AFECV)	
09:00-10:30	Working groups 1 and 2: Analysis and proposal for inclusion of the One Health Theme in study plans of Veterinary Medicine in Latin America.	Participation of all attendees
10.30 – 11-30	Coffee Break Poster Presentation.	
11:30- 13:00	Continuation of the work of Tables 1 and 2: Analysis and proposal for inclusion of the One Health Theme in Medicine study plans Veterinary medicine in Latin America.	Participation of all attendees
12:00-13:30	lunch	
14:00-15:30	Synthesis of the Workshops: Analysis and proposal for inclusion of the One Health Theme in study plans of Veterinary Medicine in Latin America.	Participation of all attendees
15:30-16:30	Conclusions and Closing Round Table.	
16:30-17:00	Closing and delivery of Certificates of Participation.	

Registrations:

Registration for the VII International Veterinary Education Forum will be free of charge for attendees. Transportation, lodging and food expenses will be borne by the participants.
Reports: fedpanmv@yahoo.com

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Hoteles Recomendados:

1.- After Hotel Montevideo: <https://afterhotel.com.uy/>

Dirección: Arturo Prat 3755. Montevideo, Uruguay. CP 11300. Teléfono: +598 2628 2828.

Precios: Standard Queen: single/doble: USD 80

Standard Twin: single/doble: USD 80

Superior King: single/doble: USD 90

Premium King: single/doble: USD 110

Premium Twin: single/doble: USD 110

En caso de solicitar la reserva enviar mail a: alamas@afterhotel.com.uy mencionando la tarifa corporativa de facultad de veterinaria mencionando "VII Foro Internacional de Educación Veterinaria"

2.- Regency Way Montevideo Hotel.

Dirección: Av. General Rivera 3377, 11600 Montevideo, Departamento de Montevideo, Uruguay
Teléfono: +598 2628 7777.

Precios: Tipo Ejecutivo single y doble: 65 USD. Triple: 85 USD (Incluye wifi y desayuno. Reserva: enviar mail a corporativo@regency.com.uy mencionando "VII Foro Internacional de Educación Veterinaria"

3.- Regency Golf Hotel Urbano.

Dirección: Fco. Solano García, 2473, Montevideo, Uruguay. Teléfono: +598 27104444

Precios: Tipo Ejecutivo single y doble: 68 USD. Triple: 85 USD (Incluye wifi y desayuno).

Reserva enviar mail a corporativo@regency.com.uy mencionar "VII Foro Internacional de Educación Veterinaria"

4.- Regency Rambla Design Apart Hotel. solicitar la reserva a corporativo@regency.com.uy

Rambla Rep. de México 6079, Montevideo, Uruguay.

Teléfono: (+598) 2601 5555, celular y whatsapp +598 95 806 310

Precios: Tipo Executive Apartment: single y doble: 95 USD. Triple: 120 USD (Incluye wifi y desayuno). Mencionar "VII Foro Internacional de Educación Veterinaria"

5.- Regency Park Hotel + SPA. Solicitar la reserva al mail: corporativo@regency.com.uy

Ruta 8 - Km 17 - CP 12200, Montevideo, Uruguay. Teléfono: +598 2517 0101,

Precios: Tipo Classic: single: 95 USD, doble: 105 USD. Triple: 135 USD (Incluye wifi y desayuno).

En caso de solicitar la reserva enviar mail a corporativo@regency.com.uy mencionar "VII Foro Internacional de Educación Veterinaria".

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The deadline for registration and, where applicable, the submission of abstracts is extended until October 10, 2023.

Those who wish to present some work in Poster Mode, must comply with the following indications:

Registration of Participants with Poster.

Name of the Participant (speaker):

Institution:

Contact E-Mail:

Work title:



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Theme to participate with the submitted work (choose a single theme of the event according to the theme of your work, mark the box with an "X"):

1. Curriculum Design
2. Accreditation and certification
3. Educational research and postgraduate
4. Academic organization 10. New technologies in veterinary education
5. Student and teacher mobility 11. Public health and food safety
6. Academic and student experiences 12. Others
7. One Health and Veterinary Education
8. Antimicrobial resistance
9. Animal welfare

*The "Registration of participants" (in PDF format, signed) must be sent to fedpanmv@yahoo.com. The registration and abstract submission deadline is August 15, 2023, 4:00 p.m. Uruguay.



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Instructions for authors of Papers:

1. For the presentation of the Poster, a summary and an "abstract" (English version of the summary) must be sent, which must not exceed 500 words. Both the keywords and the "key words" must be included in the abstract and must not be less than 3 and a maximum of 6.
2. The presentation of the abstracts must be fully adjusted according to the attached abstract template, where the example of the research work presented is followed without alterations in form (eg title in Spanish and English, authors, affiliation of these, among others).
3. The abstracts (in Word format) and the respective "registration of participants" (in PDF format, signed) must be sent to fedpanmv@yahoo.com. The abstract submission deadline is August 15, 2023, 4:00 p.m. Uruguay.
4. Once the approval of the abstracts has been ruled by the Scientific Committee of the event, the participant (speaker) will be informed via email of the opinion, the place and time of its presentation.
5. The author of the work that submits his abstract in this event, automatically becomes responsible for the copyright of the work presented (and the team of authors included in it). This summary, if approved by the Scientific Committee, will be published in the proceedings of the event, which will be published online with their respective DOI, in the magazine "Agroecological Production Systems" ISSN: 2248-4817.
<https://revistas.unillanos.edu.co/index.php/sistemasagroecologicos>.

Coordinator of the Scientific Committee. -

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Dumar A. Jaramillo Hernández MVZ. Esp. MSc. PhD. (University of the Llanos, Colombia).



Example of presentation of research work -.

Evaluación de competencias profesionales a través de actividades complejas confiadas: caso sepsis neonatal en equinos

Evaluation of professional competences through entrustable professional activities: case of neonatal sepsis in equines

Dumar Alexander Jaramillo-Hernández^{1*}

1- Escuela de Ciencias Animales, Facultad de Ciencias Agropecuarias y Recursos Naturales, Universidad de los Llanos, Villavicencio, Colombia.

*Autor de correspondencia: dumar.jaramillo@unillanos.edu.co

Resumen

Introducción: Los procesos de enseñanza-aprendizaje-evaluación enmarcados dentro del desempeño del estudiante de posgrado en clínica veterinaria deben tener su sustento y proyección en actividades complejas relevantes ... **Objetivo:** Evaluar competencias profesionales en clínica ... **Metodología:** Se propuso abiertamente interrelacionar competencias de formación posgradual en las Ciencias Veterinarias, con actividades profesionales complejas específicas que ameritan ... **Resultados y Discusión:** Tarea 1. Examen clínico completo ordenado y sistemático del neonato y la yegua lactante. Tarea 2. Análisis epidemiológico a través de anamnesis y catamnesis ... **Conclusión:** La metodología de evaluación de competencias profesionales a través de actividades complejas confiadas ...

Palabra clave: Resultados de aprendizaje, ...

Abstract

Introduction: The teaching-learning-evaluation processes framed within the performance of the postgraduate student in veterinary clinic must have their support and projection in relevant complex activities ... **Objective:** To evaluate professional competencies in clinical ... **Methodology:** It was openly proposed to interrelate competences of postgraduate training in Veterinary Sciences, with specific complex professional activities that deserve ... **Results and Discussion:** Task 1. Orderly and systematic complete clinical examination of the neonate and lactating mare. Task 2. Epidemiological analysis through anamnesis and "catamnesis" ... **Conclusion:** The methodology of evaluation of professional competencies through complex activities entrusted ...

Key words: learning outcomes.



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If the papers presented (abstracts) are accepted for socialization through Poster (Poster); Authors must follow the following recommendations at the time of their presentation at the event:

Characteristics of the Poster

0.90 m

1.10 m

Título
Autor
Institución

Introducción
El problema
El objetivo

Método
Tipo de estudio
Población

Resultados
Tablas
Figuras
Imágenes

Discusión y conclusiones
Fundamenta alcances y limitaciones.
Relación con antecedentes.

98B9 The End-of-Career Professional Exam at UNAM Faculty of Medicine in Mexico: Use of the Three-parameter Item Response Theory Model in a High-Stakes Achievement Test

Introduction

- The end-of-career Professional Exam is the high-stakes summative assessment at UNAM Faculty of Medicine in Mexico.
- Its purpose is to certify that students have achieved the knowledge level required to enter practice as a general physician.
- The test has two parts: a written multiple-choice question (MCQ) exam, and a practical test (OSCE or oral long case with real patient).
- One source of construct validity evidence is the study of the test internal structure with item analysis, which traditionally uses Classical Measurement Theory (CMT).
- CMT is straightforward and intuitive, but is sample-dependent. Item statistics are confounded with the sample of examinees that take the test.

Item Response Theory Theoretical attributes

- Unidimensionality. All items measure the same construct or underlying trait.
- Local independence. Items are uncorrelated with each other when ability is held constant.
- Invariance. Item characteristics are not sample dependent; estimates of ability are not item dependent.

Objectives

- Explore the benefits of using the three-parameter Item Response Theory model to obtain validity evidence for a high-stakes achievement test in a developing country medical school.
- To select the best test items to improve the quality of the instrument.
- To decrease test length while maintaining reliability.

Methods

- The test was applied to a population of 852 students at UNAM Faculty of Medicine, Mexico City, in January of 2002.
- The knowledge portion of the test is a written 420-item multiple-choice question exam that covers Internal Medicine, Pediatrics, Obstetrics and Gynecology, Emergency Medicine, Surgery and Family Medicine.

Three parameter logistic (3PL) IRT model

$$P(\theta) = c + (1 - c) \frac{1}{1 + e^{-a(\theta - b)}}$$

Where:

- θ = ability level
- a = discrimination parameter
- b = difficulty parameter
- c = pseudoguessing parameter
- e = base of Neperian logarithms

Item analysis

ITEMAN (Classical Test Theory (CTT))

- Difficulty index
- Discrimination index (DSI)
- Item reliability (Cronbach's alpha)

BLOOM (Three Parameter Logistic Item Response Theory Model (3PL-IRT))

- Difficulty (b)
- Discrimination (a)
- Pseudoguessing (c)
- Item information function (IIF)
- Item information function (IIF) (standard error of measurement)

Calculation of original test

Psychometric analysis with CTT and 3PL-IRT model

Item selection

Psychometric analysis with original exam

- Psychometric analysis with 3PL-IRT model
- Psychometric analysis with 3PL-IRT model
- Psychometric analysis with 3PL-IRT model
- Psychometric analysis with 3PL-IRT model

Calculation of shortened test

Psychometric analysis with CTT and 3PL-IRT model

Calculation of test length

Psychometric analysis with CTT and 3PL-IRT model

Results

- The test had a Cronbach's α of 0.93.
- With the 3PL-IRT model, the test was particularly informative at ability levels close to the mean (zero) in the theta scale.
- The level of precision with which the ability levels were estimated was higher in the -0.5 to 0.5 scale interval.

Information functions of shortened test

Global results of shortened test

- Mean values:
- Discrimination parameter "a" = 0.74
- Difficulty parameter "b" = 0.30
- Pseudoguessing parameter "c" = 0.19

Reliability of test (original and shortened)

Psychometric analysis with CTT and 3PL-IRT model