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IV Congreso Internacional de Investigación, Desarrollo e Innovación (I+D+I)

Y XXIV JORNADA DE INVESTIGACIÓN CIENTÍFICA

Investigación colaborativa: retos y oportunidades para estudiantes y docentes universitarios

Julio Canario^{1,2,3}

¹Fundacion Etikos

²Facultad de Ciencias de la Salud, Universidad Autónoma de Santo Domingo (UASD),

³Centro Nacional de Investigaciones en Salud Materno Infantil Dr. Hugo Mendoza
(CENISMI)



**Dedicado a
Héctor Dotel Matos**



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Introducción



Las enfermedades infecciosas constituyen una amenaza constante a la salud global.



La preparación y respuesta adecuada requiere de colaboración científica.



La investigación en salud debe contar con una gobernanza ética de que garantice la transparencia, la rendición de cuentas y la equidad.



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**La colaboración sigue siendo poco
comprendida y por ende,
oportunidades son desaprovechadas.**



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Gobernanza

gobernanza participativa y roles explícitos;

Autoría

acuerdos de datos, autoría y propiedad intelectual desde el inicio;

Impacto

métricas de valor público (capacitación, transferencia, impacto local) además de productos académicos;

Rendición
de cuentas

mecanismos de rendición de cuentas y resolución de conflictos.



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JAMA Network

JAMA

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This Issue Citations 1,524

Special Communication

May 24/31, 2000

What Makes Clinical Research Ethical?

Ezekiel J. Emanuel, MD, PhD; David Wendler, PhD; Christine Grady, PhD

» Author Affiliations

JAMA. 2000;283(20):2701-2711. doi:10.1001/jama.283.20.2701



Abstract

Many believe that informed consent makes clinical research ethical. However, informed consent is neither necessary nor sufficient for ethical clinical research. Drawing on the basic philosophies underlying major codes, declarations, and guidelines, we argue that ethical clinical research requires a commitment to the principles of justice, beneficence, and respect for persons. We discuss the implications of these principles for the design and conduct of clinical research.

Año
2000

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The Journal of Infectious Diseases



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The Journal of Infectious Diseases



Volume 189, Issue 5
1 March 2004

JOURNAL ARTICLE

What Makes Clinical Research in Developing Countries Ethical? The Benchmarks of Ethical Research

Ezekiel J. Emanuel, David Wendler, Jack Killen, Christine Grady

The Journal of Infectious Diseases, Volume 189, Issue 5, 1 March 2004, Pages 930–937, <https://doi.org/10.1086/381709>

Published: 01 March 2004 Article history ▾

Article Contents

Minimizing Exploitation

Beyond Principles To Benchmarks

Collaborative Partnership

Social Value

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Topic: ethics, developing countries, social values, community, health care, clinical research, partnerships



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Año
2004

THE LANCET

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VIEWPOINT | VOLUME 374, ISSUE 9692, P847-849, SEPTEMBER 05, 2009

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Rethinking the responsiveness requirement for international research

Rebecca Wolitz, BA • Ezekiel Emanuel, MD • Dr Seema Shah, JD

Published: September 05, 2009 • DOI: [https://doi.org/10.1016/S0140-6736\(09\)60320-2](https://doi.org/10.1016/S0140-6736(09)60320-2)

References

Article info

Related Specialty Collections

Burkitt's lymphoma is endemic in Kenya and Uganda. It accounts for more than half of all childhood cancers in Africa but almost no malignant disease in developed countries.¹ Yet, other diseases in east Africa, such as malaria, cause much greater mortality.¹ For this reason, the UK's Nuffield Council¹ suggests research on Burkitt's

Año

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bioethics



ARTICLE

REFOCUSING THE RESPONSIVENESS REQUIREMENT

SEEMA SHAH • REBECCA WOLITZ, EZEKIEL EMANUEL

First published: 29 July 2011 | <https://doi.org/10.1111/j.1467-8519.2011.01903.x> | Citations: 5

Conflict of interest statement: No conflicts declared

Read the full text >

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ABSTRACT

Many guidelines for international research require that studies be responsive to host community health needs or health priorities. Although responsiveness possesses great intuitive and rhetorical appeal, existing conceptions are confusing and difficult to apply.

Año 2011

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Public Health Ethics

public health ethics

Volume 13, Issue 2

July 2020

JOURNAL ARTICLE

Key Ethical Concepts and Their Application to COVID-19 Research FREE

Angus Dawson ✉, Ezekiel J Emanuel, Michael Parker, Maxwell J Smith, Teck Chuan Voo

Public Health Ethics, Volume 13, Issue 2, July 2020, Pages 127–132, <https://doi.org/10.1093/phe/phaa017>

Published: 15 May 2020

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Article Contents

An Ethical Framework for Global Governance for Health Research



Kiarash Aramesh
 Springer International Publishing, Nov 27, 2020 - [Science](#) - 180 pages

This book provides a comprehensive description and ethical analysis of one of the most challenging areas: it provides a vivid portrait of the current situation of global governance for health research and its main challenges, and presents an ethical framework based on the existing theories and frameworks. This work is a must-read for all the students and researchers in the field.

[More »](#)

About the author (2020)

Kiarash Aramesh M.D., Ph.D., is the director of The James F. Drane Bioethics Institute at Edinboro University of Pennsylvania (EUP). He is also an Associate Professor of Health Sciences at the School of Science and Health Professions, EUP. Before starting his current position in 2018, he was a faculty member at the Center for Health Research and Promotion at Tehran University of Medical Sciences and a scholar in residence at the Center for Healthcare Ethics at Duquesne University.

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Editorial > [BMJ](#). 2021 Mar 4;372:n541. doi: 10.1136/bmj.n541.

Avoiding exploitation in multinational covid-19 vaccine trials

[Alexander A Iyer](#)^{1 2}, [Joseph Millum](#)^{1 2}, [Christine Grady](#)^{1 2}, [David Wendler](#)^{1 2}

Affiliations + expand
 PMID: 33664082 DOI: [10.1136/bmj.n541](#)

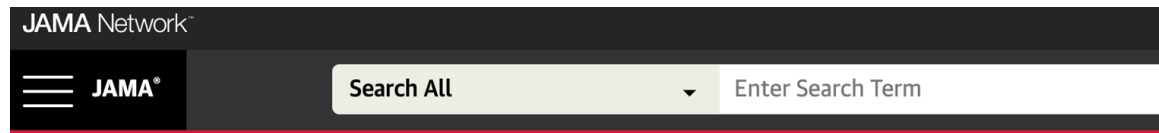
No abstract available
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Conflict of interest statement

Competing interests: We have read and understood BMJ policy on declaration of interests and have no interests to declare. The writing of this editorial was supported by NIH intramural funds but the

Año 2021

7 PRINCIPIOS



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May 24/31, 2000

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Ezekiel J. Emanuel, MD, PhD; David Wendler, PhD; Christine Grady, PhD

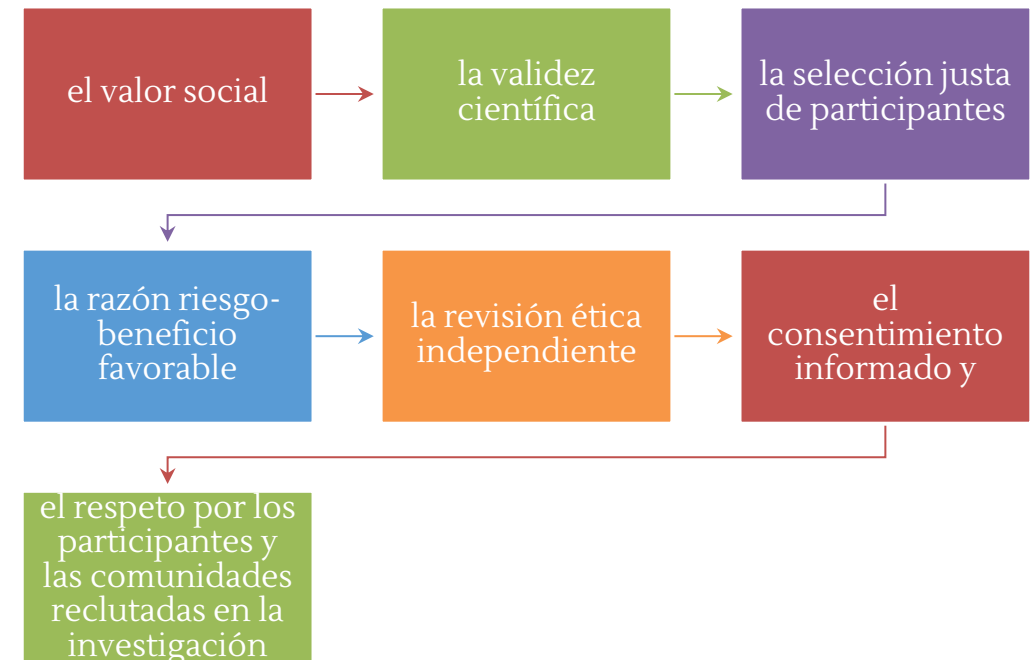
» Author Affiliations

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LA ASOCIACIÓN COLABORATIVA COMO RESPUESTA AL PROBLEMA DE LA EXPLOTACIÓN DE LA INVESTIGACIÓN EN SALUD INTERNACIONAL

8 PRINCIPIOS

LA INCLUSIÓN DEL PRINCIPIO DE ASOCIACIÓN COLABORATIVA EN EL MARCO ÉTICO PARA LA INVESTIGACIÓN CLÍNICA DE EZEQUIEL EMANUEL Y COLABORADORES

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JOURNAL ARTICLE

What Makes Clinical Research in Developing Countries Ethical? The Benchmarks of Ethical Research FREE

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Published: 01 March 2004 **Article history** ▾

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Topic: [ethics](#), [developing countries](#), [social values](#), [community](#), [health care](#), [clinical research](#), [partnerships](#)

CITATIONS
693

Investigación en asociación colaborativa

2. el valor social
3. la validez científica
4. la selección justa de los participantes
5. la razón riesgo-beneficio favorable
6. la revisión ética independiente
7. el consentimiento informado y
8. el respeto por los participantes y las comunidades reclutadas en la investigación



EZEQUIEL EMANUEL Y COLABORADORES

- “la **asociación colaborativa** entre los investigadores y patrocinadores de países desarrollados con poblaciones de países en vías de desarrollo, hacedores de políticas y las comunidades permiten reducir la posibilidad de explotación asegurando que un país en desarrollo determine por sí mismo si la investigación es aceptable y *responde a los problemas de salud de la comunidad*”. (Emanuel et al., 2004).

Checklist ético, matriz de beneficios - riesgos, y hoja de ruta (EMANUEL ET AL., 2004):

- desarrollar acuerdos con investigadores, tomadores de decisiones, y la comunidad;
 - involucrar socios para compartir responsabilidades al determinar la importancia del problema de salud y evaluar el valor de la investigación,
 - planificar, implementar, y vigilar las investigaciones,
 - integrar la investigación dentro del sistema de salud;
 - respetar los valores, tradiciones y prácticas sociales de la comunidad;
 - desarrollar la capacidad de los investigadores, hacedores de políticas de salud, y la comunidad para establecer una igualdad en los tres ámbitos, y
 - asegurar de que los resultados financieros y otras recompensas de la investigación sean compartidas de manera justa.
-



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The Global Health Network La Red Mundial de Salud



**THE
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Equidad en dónde ocurre la investigación, quién la lidera y quién

Los métodos de investigación sanitaria evolucionan rápidamente — Los nuevos enfoques deberían beneficiar a todos, en todas partes

Se realizan muy pocas investigaciones en el Sur Global: persiste la brecha 90:10



De ellos, muy pocos están dirigidos por investigadores locales y no abordan las prioridades locales



Las antiguas normas de desarrollo de capacidades centrarse en una enfermedad, producto o protocolo



Una organización confiable utilizada por investigadores y organizaciones de investigación para movilizar el conocimiento y proporcionar capacidad y habilidades a los equipos a largo plazo en el lugar de trabajo; Facilitando la investigación donde falta evidencia.



Centro colaborador de la OMS para el intercambio de información sobre investigación y el desarrollo de capacidades



Acceso a recursos y formación: descubren lo que no sabían



Accesible a cualquier persona, 24 horas al día, 7 días a la semana, y que cubre temas de habilidades esenciales de investigación temas esenciales relacionados con la investigación sanitaria.

Herramienta que recoge las competencias básicas, las cualificaciones, la formación y la experiencia. Mide las competencias y el impacto de la formación

Centrado en la persona, para fomentar estrategias de aprendizaje eficaces

**Cursos virtuales
gratis +
certificados**

**Cajas de
herramientas para
investigación**

**Esquema de
Desarrollo
Profesional**

**Webinarios y
Talleres**

**Sesiones de
Aprendizaje
Asistido**

**Clínicas y Clubes
en Ciencia de
Datos**

Guías paso a paso para llevar a cabo y gestionar un proyecto de investigación en entornos con pocos recursos. Compartir protocolos, directrices y mejores prácticas.

Seminarios en línea o presenciales para la transferencia de conocimientos y el intercambio de información.

Foros participativos, para intercambiar opiniones, plantear preguntas



Proporciona aprendizaje a largo plazo, recursos y trayectorias de impacto profesional.



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Research Club

Skills Sharing

Supported Learning

Twinning

Actividades regionales presenciales de intercambio de capacidades y habilidades

Se une a un grupo de trabajo

Identifica colaboradores

Taller de escritura para subvenciones

Diseña un borrador de un protocolo usando una herramienta

¡Se gana una subvención!

Asiste a un Club de Investigación

GCP en línea

Curso de ética

Encuentra una plantilla SOP

Taller de ciencia de datos

Diseña una sesión de aula

Se une al Esquema de Desarrollo Profesional

Métrica	
Cursos en línea tomados	4.5M
Visitas a la plataforma	40M+
Asistentes eventos en persona	5,000+
Recursos descargados	3M+
Asistentes webinarios	25,000+

Acceso continuo a más formación, herramientas, recursos y a la interacción con otros investigadores en línea

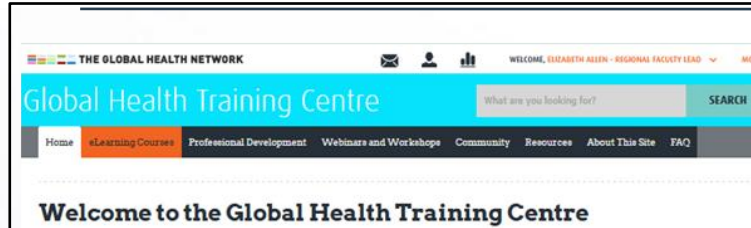
Habilidades de investigación y producción científica

Tiempo



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Los equipos de investigación y cualquier persona que desee convertirse en investigador pueden acceder a herramientas, apoyo formativo y orientación para ayudarles en cada paso de sus estudios



Essential Research Skills Training Curriculum

This study was developed as a collaboration between the Special Programme for Research and Training in Tropical Diseases (SPRTD) and the Global Health Network (GHN).



Download final report (PDF)

The study chart

The Research Methodology and Findings

Conclusion and Recommendations

Developing an Evidence-led Essential Research Skills Training Curriculum

Delphi Study

Stage 1 Knowledge Gap Analysis

Stage 2 Pilot panelist survey

Stage 3 Delphi round 1

Stage 4 Delphi round 2

Stage 5 Delphi round 3

Stage 6 Delphi round 4

Stage 7 Delphi round 5

Stage 8 Delphi round 6

Stage 9 Delphi round 7

Stage 10 Delphi round 8

Stage 11 Delphi round 9

Stage 12 Delphi round 10

Stage 13 Delphi round 11

Stage 14 Delphi round 12

Stage 15 Delphi round 13

Stage 16 Delphi round 14

Stage 17 Delphi round 15

Stage 18 Delphi round 16

Stage 19 Delphi round 17

Stage 20 Delphi round 18

Stage 21 Delphi round 19

Stage 22 Delphi round 20

Stage 23 Delphi round 21

Stage 24 Delphi round 22

Stage 25 Delphi round 23

Stage 26 Delphi round 24

Stage 27 Delphi round 25

Stage 28 Delphi round 26

Stage 29 Delphi round 27

Stage 30 Delphi round 28

Stage 31 Delphi round 29

Stage 32 Delphi round 30

Stage 33 Delphi round 31

Stage 34 Delphi round 32

Stage 35 Delphi round 33

Stage 36 Delphi round 34

Stage 37 Delphi round 35

Good Clinical Laboratory Practice



GCLP: Organization and Personnel

Organization and Personnel

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Research Ethics Online Training



Disseminating Results and Benefits

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- Many different collaborators
- Open access, globally applicable
- Peer reviewed, regularly updated
- Certificate issued > 80% in

over 10,000 people taken courses

Workshops

Workshops are a valuable and engaging way to learn, providing a fantastic opportunity for collective training sessions, skills transfer, networking and information sharing.

The range of workshops and format for delivering these sessions can be creatively designed to best serve the context of the learning. Initiatives such as these help to support and strengthen capacity at both an individual and institutional level. We set-up and facilitate a wide range of practical workshops in close collaboration with coordinators and study teams in diverse settings. Please do review the variety of workshops hosted across the regions that cover a breadth of topics, which have generated rich outputs from these sessions to benefit researchers globally.

AFRICA

Research in global health Emergencies	Africa CDC one health workshops	Research Ethics during epidemics
Laboratory Quality Control	Infection Prevention and Control AMR	Grant Writing workshop
Introduction to Scientific Writing	Laboratory Quality Control	PCR workshop
Nigeria Workshop 2021	Treatment protocols and approaches from different countries: The African Story	Africa's capacity for real-time polymerase chain reaction (RT-PCR) diagnosis of infectious diseases
Implementation of novel diagnostics	Improving clinical trial conduct in Africa	

GLOBAL

Migrant Communities and the COVID-19 Pandemic: Ethical considerations

More info Jan 2020 - 2020 (BET)

Richard T Johnson Lecture | Neurologic morbidities from pediatric cerebral malaria—Looking Beyond the Body Count

Two Jan 2020 (BET)

Indigenous communities, 'vulnerability', and the COVID-19 pandemic

More info Jan 2020 (BET)

Introduction to Research for nurses and midwives

Two Jan 2020 (BET)

Global Brain Health Clinical Exchange Platform – Critical Care of the Neurologic System in COVID-19

Two Jan 2020 (BET)

Communicating Science to Facilitate the Uptake of Research Findings into Policy and Practice

Two Jan 2020 (BET)



Professional development

Build your professional profile, create your CV and track your career in global health research as it develops. This flexible framework covers all the competencies that should be demonstrated by a research team to carry out a successful study

RESEARCH PROCESSES & METHODS | SOCIAL SCIENCE, ETHICS & COMMUNITIES

INFECTION, IMMUNITY & RESISTANCE | WOMEN & CHILD HEALTH

LABORATORY, VECTORS



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Gracias



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