

# Luxembourg Agency for Research Integrity

Katrina A. Bramstedt, PhD; Secretary General  
Asael Rouby, DESS; LARI Coach

30 Jan 2019  
EU Commission, MLE 1st Country Visit,  
Norway, "Research Integrity"



# Luxembourg



## Luxembourg: **SMALL**

- 602,000 inhabitants
- 1 public University / 3 public research centers
- 1500 researchers in the public sector
- 980 researchers in the private sector

## Luxembourg: **INTERNATIONAL**

- 48% residents are non-Luxembourgers
- 80% of scientists are non-Luxembourgers
- Multilingual : F, D, GB
- Host of major European institutions
- Strong service sector
- High living standards
- Research is a Government priority



## Fostering a "culture of integrity of research"

In so far as "it is generally agreed that **training is the best tool for prevention**", the **creation of a European network of trainers for the integrity of research** could be considered, observed Marc Hansen.

The European Commissioner for Research, Science and Innovation, **Carlos Moedas**, highlighted the fact that this is the first time that the EU has discussed the question of integrity of research and that the debate was "fruitful".

\*Council supported the *European Code of Conduct for Research Integrity*

\*Council highlighted the importance of preventing misconduct and developing a culture of research integrity

\*Council encouraged Member States to network (e.g., ENRIO).



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Carlos Moedas and Marc Hansen



# The National Research Fund



- The “traditional” role of a funding agency: funding research projects
- Strategic programs and instruments to
  - foster international collaborations
  - attract excellent researchers from abroad
  - increase the international visibility of Luxembourg
  - promote industrial exploitation of research results
  - fund PhD and Post-Doc grants
- Promoting scientific culture and interest in research, especially among the younger generations

# LARI Mission & Strategy

- **To promote responsible conduct of research;**  
HOW? Education, Coaching, Consultation, Investigations
- **To ensure an independent inquiry and investigation in cases of alleged scientific misconduct.**  
HOW? Commission for Research Integrity (CRI), reporting hotline, transparent procedures



**This Issue**

Views **8,317** | Citations **0** | Altmetric **56**



**Viewpoint**



April 3, 2018

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## **Institutional Research Misconduct Reports Need More Credibility**

C. K. Gunsalus, JD<sup>1</sup>; Adam R. Marcus, MA<sup>2</sup>; Ivan Oransky, MD<sup>2,3</sup>

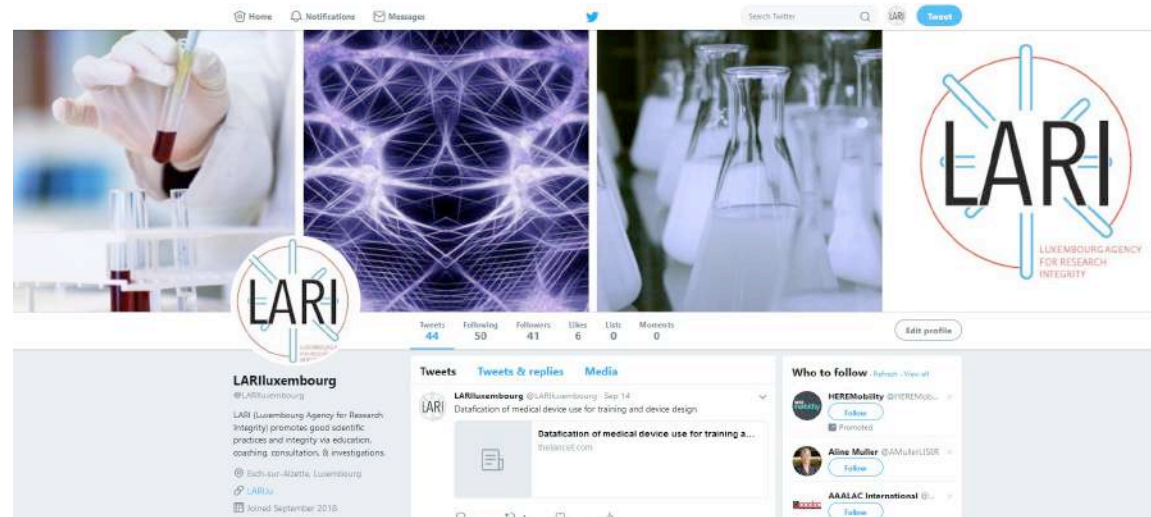
» [Author Affiliations](#)

*JAMA*. 2018;319(13):1315-1316. doi:10.1001/jama.2018.0358

# LARI Website, , , YouTube

**Website:** <https://lari.lu/> LARI policies, procedures, staff bios, Coach list/bios, training calendar, live Twitter feed, resources/links, archived newsletters, LARI reports, etc.

**Twitter:** <https://twitter.com/LARIluxembourg> tweets about LARI seminars, hot items in news/journals, etc.



**Follow us!**

**LinkedIn:** <https://www.linkedin.com/company/luxembourg-agency-for-research-integrity/> LARI profile

**Newsletter (Compass):** <https://lari.lu/best-practice-useful-links/lari-newsletter/>

# Who is LARI? <https://lari.lu/about/who-is-lari/>

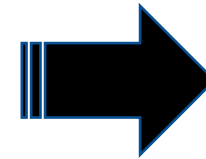
Secretary  
General



LARI Commission for  
Research Integrity (CRI)



LARI  
Coaches



# Secretary General



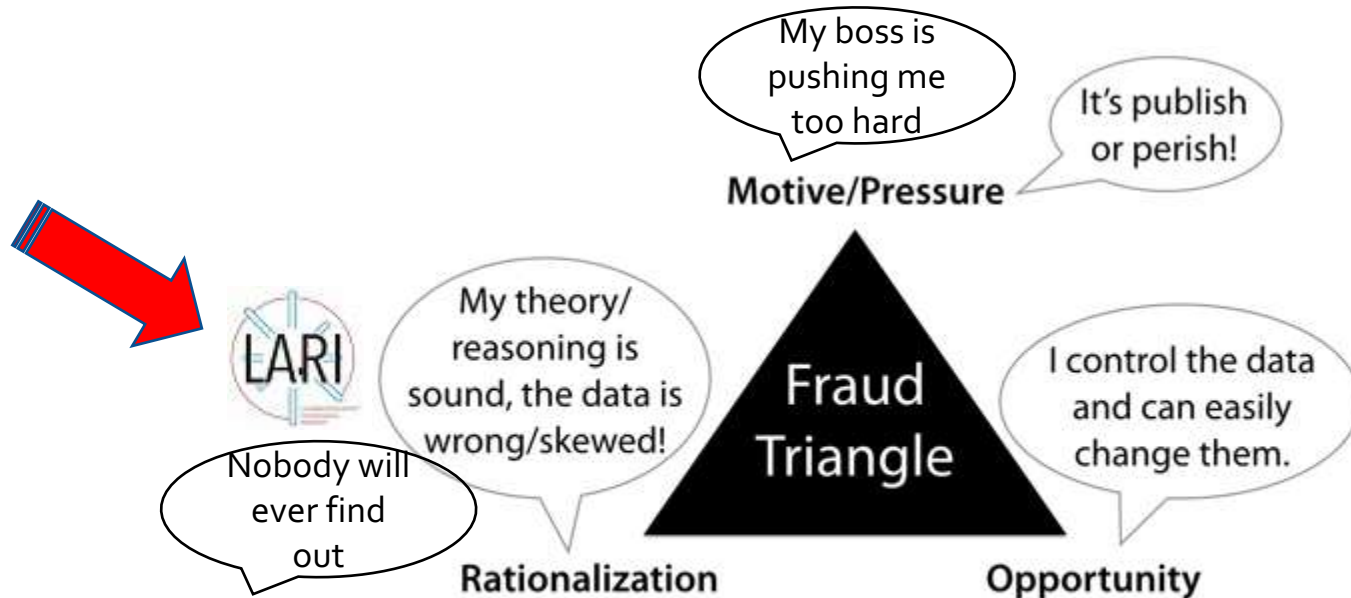
- Bioethicist with 18yrs experience in research ethics\*
  - Former REC Chair, univ disciplinary board member, medical ethics dept leader at 2 med schools, journal assoc editor, NIH research center bioethicist, author 100+ peer-reviewed papers.
- Lead organization
- Organize and teach workshops/seminars
- Train LARI Coaches
- Provide research ethics/integrity consults
- Work with CRI Chair to screen/assess misconduct allegations
- Assist organizations with media relations (they must speak for themselves regarding their own cases of misconduct—they own them)
- Manage registry of consults and cases



# Why Does Misconduct Happen?

Sometimes, researchers do not know they are committing misconduct (e.g., fabrication, falsification, plagiarism, deception).

Other times, they do...



Fraud Triangle (by Donald R. Cressey) adapted to Scientific Misconduct

# General RE/RI Training

## ***Good Scientific Practice*** (reqd for all new PhD students)

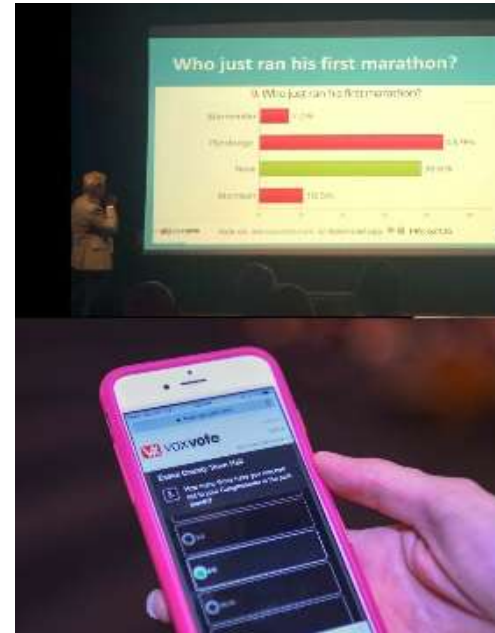
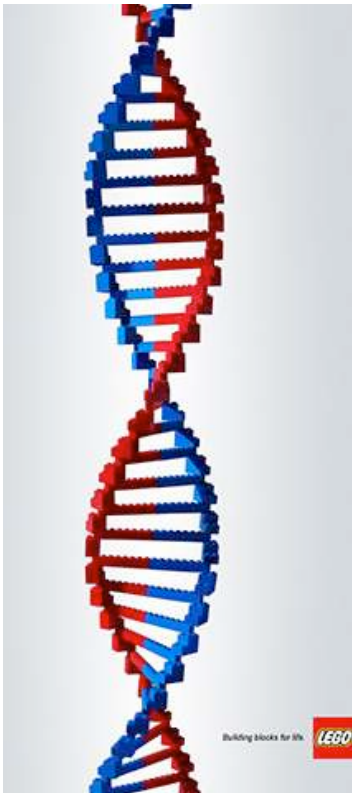
- 2 day workshop exploring research ethics & research integrity
- interactive, fun creative sessions, case studies
- Aim: educate and build 

# Domain-Focused Research Ethics Training Modules

BM	IS + MT	SC + LE	MS	SR
<b>Biomedical Sciences/Regulation of Chronic, Degenerative and Infectious Disease [Life Sciences, Biology, Medicine]</b>	<b>Innovation in Services [IT, Communication Tech, Math]</b>	<b>Societal Challenges (LM+ID) [Law, Economics, Finance, Humanities, Social Sciences]</b>	<b>New Functional and Intelligent Materials and Surfaces and New Sensing Applications [Physics, Material Sciences &amp; Engineering]</b>	<b>Sustainable Resource Management in Luxembourg [Sustainable Resources / Env Sciences]</b>
<i>Research Ethics for Biomedical Scientists</i>	<i>Ethical Complexity of Big Data Research</i>	<i>Ethical Complexity of Social &amp; Economic Research</i>	<i>Smart Ethics: The Conduct of Intelligent Materials &amp; Sensing Research</i>	<i>Ethical Conduct of Geodynamic and Seismic Research</i>
<i>Ethical Conduct of Oncology Research</i>	<i>Ethics, AI, and Responsible Innovation</i>	<i>Ethical Conduct of Education Research</i>	<i>Ethical Conduct of Space Research</i>	<i>Ethical Conduct of Sustainability Research</i>
<i>Ethical Conduct of Infection &amp; Immunology Research</i>	<i>Responsible Innovation in Computer Vision</i>	<i>Privacy &amp; Data Protection in the Conduct of Research</i>	<i>Research Ethics for Physicists</i>	
<i>Ethical Conduct of Public Health Research</i>	<i>Deceptive Data Reporting</i>	<i>Ethical Conduct of Research with Children and other Vulnerable Populations</i>		
<i>Neuroethics and the Responsible Conduct of Research</i>				

# Boring, dry, ethics lectures? NO

## LARI and CAPRI (Creative Approaches Promoting Research Integrity)



# Educational Videos: fun, short, shareable

YouTube

Home Trending Subscriptions

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SUBSCRIPTIONS  
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Music

**LARI** Luxembourg Agency for Research Integrity [CUSTOMIZE CHANNEL](#)

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83 views • 1 week ago



# Research Ethics Consultation <https://lari.lu/lari-services/bioethics-consultation/>



## Research Ethics Consultation

### LARI CONSULT SERVICE & REGISTRY

Faced with an ethical dilemma in the design or conduct of your research? Not sure what to do?

LARI provides a free ethics consult service to researchers of all levels (Faculty, staff, students) who are affiliated with its member organizations: University of Luxembourg, LISER, LIST, LIH, and FNR.

What happens during a consult? Your dilemma is analyzed by a bioethicist (LARI Secretary General, Dr. Katrina Bramstedt) and potential solutions are posed in a written consult report. Consults are part of a registry for OI and research <https://www.ncbi.nlm.nih.gov/pubmed>

**A service to researchers to identify, analyse and resolve ethical dilemmas in research settings.**

**CTS** Clinical and Translational Science  
Open Access

Special Report | [Open Access](#)

## Building a Central Repository for Research Ethics Consultation Data: A Proposal for a Standard Data Collection Tool

Mildred K. Cho Ph.D., Holly Taylor Ph.D., Jennifer B. McCormick Ph.D., Nick Anderson Ph.D., David Barnard Ph.D., Mary B. Boyle J.D., Alexander M. Capron L.L.B., ... [See all authors](#) ▾

First published: 10 March 2015 | <https://doi.org/10.1111/cts.12268> | Cited by: 4

[Read the full text](#) >

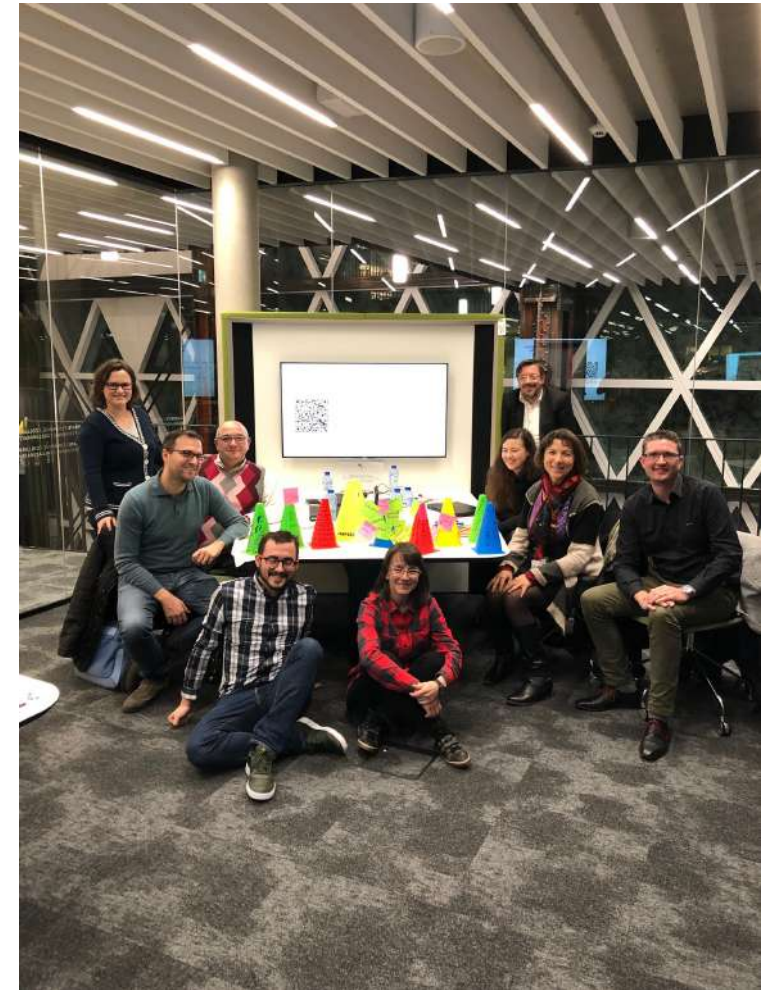
[PDF](#) [TOOLS](#) [SHARI](#)

# LARI Coach <https://t.co/YX6izlACCCc> YouTube video

- A coach/coachman gets someone from point A to point B (safely)



- The Coach is a LARI-trained researcher who assists peers at their institute/dept with the ethical issues of study design, conduct, and data reporting. This is proactive mentoring.
- Coaches do NOT replace the research supervisor.



# LARI Coaches: Where?





# LARI Commission for Research Integrity (CRI)

<https://lari.lu/best-practice-useful-links/investigations-cri-rules-of-procedure/>

International team (3 form a quorum) who investigate allegations of misconduct

- *Daniele Fanelli* – Fellow in Quantitative Methodology, Department of Methodology, London School of Economics and Political Science, **United Kingdom**
- *Mylène Deschenes* – Directrice des affaires éthiques et juridiques au Fonds de recherche du Québec, **Canada**
- *Vedran Katavić* – Associate Professor of Human Anatomy, University of Zagreb, School of Medicine, **Croatia**; Ethics expert at the European Commission, Belgium
- *Torkild Vinther* – Former Director, The National Commission for the Investigation of Research Misconduct, **Norway**
- *5<sup>th</sup> member pending* – *physician, ethicist/research ethics*, **Germany**.

**\*none in Luxembourg**



- Follow LARI -



## Authorship and Publishing Questions

**How do I determine who is an author and who receives an acknowledgment on my paper?** <http://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of-authors-and-contributors.html>

**I'm being pressured to give honorary authorship, what should I do?** Honorary authorship is unethical. You can request a [bioethics consult](#) from LARI to explore the situation and find a solution.

**When does copy + paste = plagiarism?** Direct quotes should be placed in quotation marks and cited with the reference source. If not making a direct quote, then paraphrasing should be performed, followed by citation with the reference. <https://writing.wisc.edu/Handbook/QuotingSources.html>

**Do images need to be cited?** Images are often copyrighted and some may not be reproduced without permission from the author and fee payment, while some simply require citation/attribution. Check the copyright status before reproducing an image. <https://creativecommons.org/licenses/>

**Do I need permission to use a survey/questionnaire in my research study?** It is important to check the copyright status of surveys and questionnaires because some cannot be used



# 24 FAQ re human and animal research ethics/integrity

<https://lari.lu/best-practice-useful-links/research-ethics-faq/>

