

Reinventing Academia

Open Science & Independent Scientists

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www.igdore.org

TODAY'S SEMINAR

- 1. Openness, Open Science & Replicability**
- 2. Independent scientists**
- 3. Location independence**
- 4. Coworking**
- 5. IGDORE**

OPENNESS / TRANSPARENCY MOVEMENTS

- Open Source (1985-)
- Open Government
- Open Education (around 2000-)
- Open Science (around 2000-)
 - Open Access
- Open Science (2011-)
 - Open practices: preregistration, open data / material / reports / code, open peer review, transparent reporting

REPLICABILITY CRISIS / MOVEMENT (2011-)

Bad / sloppy scientific practices (Babbage, 1830)
- Questionable Research Practices (John et al., 2011)

Many Labs Replication Project (2014)

- Priming studies not replicated

Open Science Collaboration (Science, 2015)

- 39% of effects rated as replicated

Replicability + Open Practices = True

BUT: Open Science Movement ≠ Replicability Movement

Bullied into Bad Science



Corina Logan (PhD)
Zoologist
Cambridge

<http://bulliedintobadscience.org/>

Photo: Dieter Lukas

INDEPENDENT SCIENTISTS

Independent scientist

From Wikipedia, the free encyclopedia

An **independent scientist** (historically also known as **gentleman scientist**) is a financially independent scientist who pursues scientific study without direct affiliation to a public institution such as a university or government-run research and development body. The expression "gentleman scientist" arose in post-Renaissance Europe^[1] but became less common in the 20th century as government and private funding increased.

Most independent scientists have at some point in their career been affiliated with some academic institution, such as [Charles Darwin](#) who was affiliated with the [Geological Society of London](#).

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Location independence



Photos: Private

Coworking

Hubud Intro Video:

<https://www.youtube.com/watch?v=faBad-JxWh0>

Digital nomads:

<https://www.youtube.com/watch?v=jkxIvrqfqrg&feature=youtu.be>



Photo: Private

Coliving

<http://remoteexplorers.com/upcoming/>

<https://beunsettled.co/locations/>

<https://www.roam.co/>

<https://www.swissscape.co/>

<http://www.alpinecoworking.com/>

<http://www.mokrinhouse.com/house-gallery/>

IGDORE

Healthy, Global & Transparent Science



- **Healthy science**
 - Good work environment
 - Work-life balance
- **Global science**
 - Worldwide recruiting
 - Worldwide data collections
- **Transparent science**
 - Good science (open scientific practices)

IGDORE

Current researchers, assistants & staff

Malin Hildebrand Karlén (researcher; Sweden)

Etienne LeBel (researcher & board member; Canada)

Rebecca Willén (researcher & board member; Indonesia & Sweden)

Alethea Hui Qin Koh (research assistant; Japan & Singapore)

Ruben Dieleman (research assistant; Sweden)

Daša Kokole (research assistant; Netherlands)

Paulina Gruffman (research assistant; Sweden)

Daniel Berntsson (investor & board member; Indonesia & Sweden)

Petra Sinatria (administrative coordinator; Indonesia)

Nano (receptionist; Indonesia)

IGDORE

Healthy – Global – Transparent



Sweden

1. Grant hosting
2. Data collection

Indonesia

1. Coworking space
2. Data collection
3. Grant hosting

Estonia

1. International team of research assistants
2. Grant hosting

IGDORE Indonesia

Coworking space for scientists & students



Photos: Petra Sinatra, IGDORE

IGDORE Indonesia

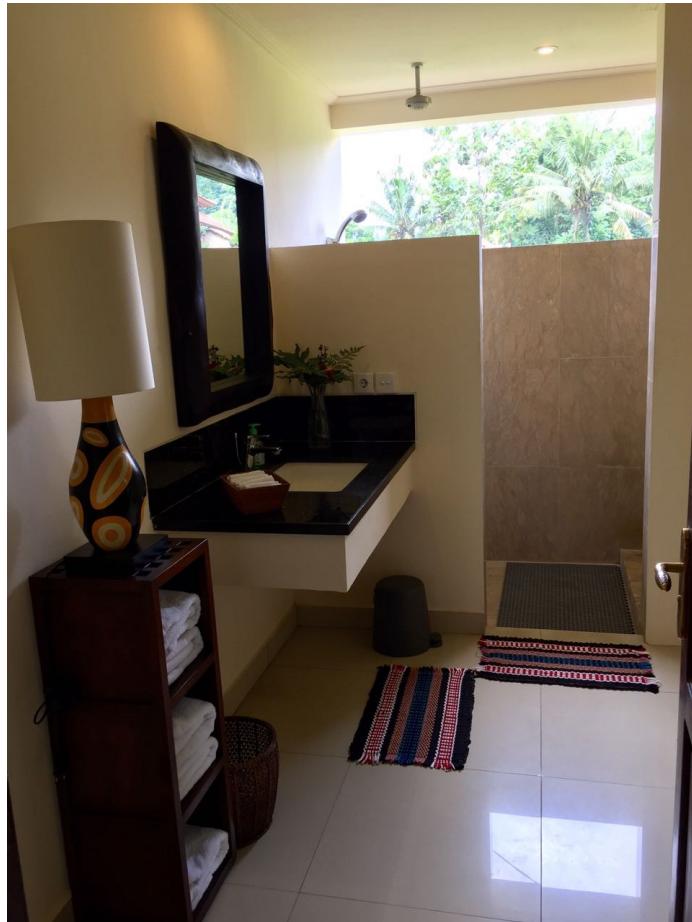
Coworking space for scientists & students



Photos: Petra Sinatria, IGDORE

IGDORE Indonesia

Coworking space for scientists & students



*Photos: Petra Sinatria,
IGDORE*

IGDORE Indonesia

Coworking space for scientists & students



Photos: Petra Sinatria, IGDORE

Scientific Openness Support

1. Preregistration
2. Transparent reporting
3. Open data (& open code)
4. Open material
5. Open reports
6. Thorough planning of sample size
7. Direct replications
8. Open ethical review

Traditional Academia vs. New Academia

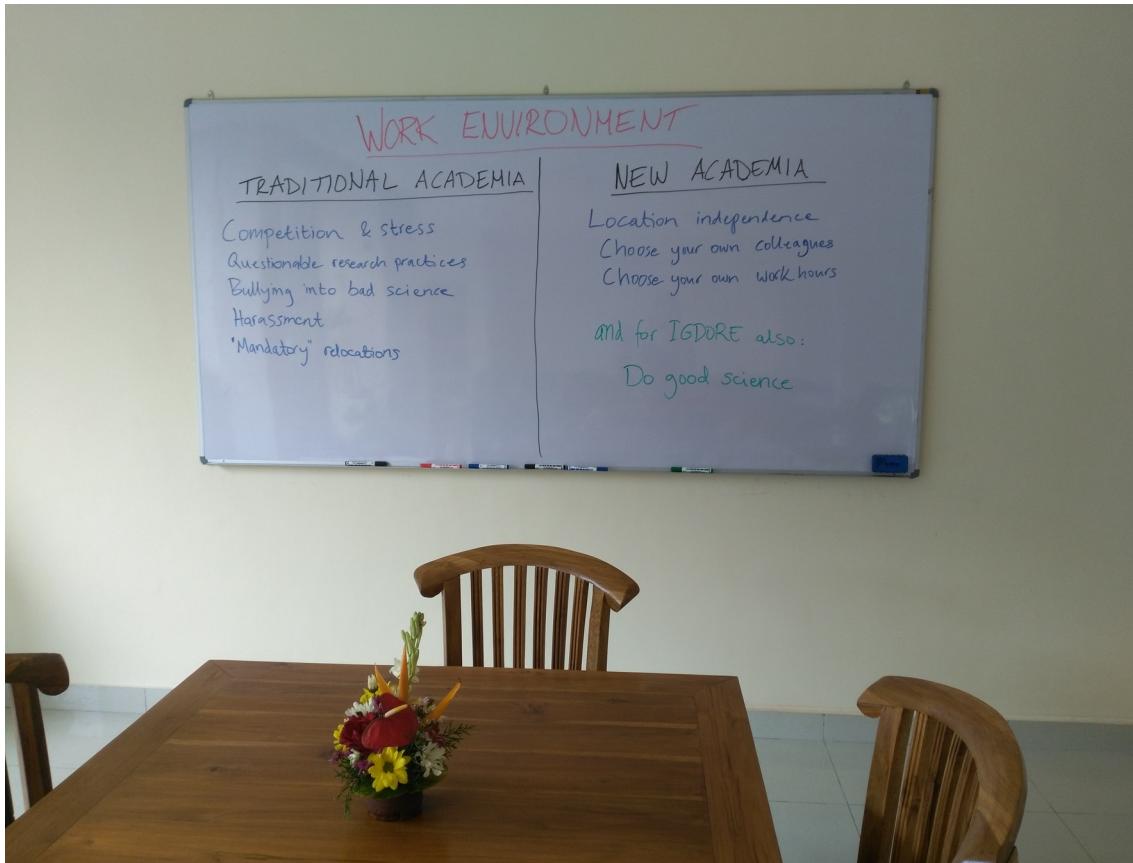


Photo: IGDORE

Affiliation with IGDORE

- formal institutional affiliation
- grant management (indirect costs = 0-20%; flexible & negotiable) in Sweden, Estonia and Indonesia
- opportunity to offer tuition and certain types of consultancy through us (i.e. we take care of billing and other administration for a small fee)
- access to our international team of experienced research assistants at cost price
- free access to our coworking space on Bali, Indonesia
- free VPN service via Mullvad.net

Other virtual institutes & networks for independent scientists

- Canadian Academy of Independent Scholars (CAIS): <http://www.independentscholars.net/>
- Complex Biological Systems Alliance (CBSA): <http://www.cbsaimtt.com/>
- CORES Science and Engineering: <http://coresscience.co.uk/>
- Independent Scholars Association of Australia (ISAA): www.isaa.org.au/
- National Coalition of Independent Scholars (NCIS): www.ncis.org/
- Ronin Institute: <http://ronininstitute.org/>
- Society of Independent Professional Earth Scientists (SIPES): <https://sipes.org/>

Traditional Academia vs. New Academia



Photo: Private



Photo: Franz Navarette / Hubud Bali

Do reach out!
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