



# PhD in The Netherland - Updated slidedeck

## Added Slides:

- Speaker Information
- NAAC Columbia

## Updated Slide:

- Minciencias Contact Details



# Speaker information

The following speakers contributed to the webinar, the (timecode) refers to when they spoke, and when you can hear them in video recording.

Mrs Nida Pantaleon – Groningen University (40:17)

[n.pantaleon.colin@rug.nl](mailto:n.pantaleon.colin@rug.nl)

Mrs Amarantha Luna – Groningen University (49:24)

[i.a.luna.arteaga@rug.nl](mailto:i.a.luna.arteaga@rug.nl)

Prof. Arnold Tukker – Leiden University (51:57)

[Tukker@cml.leidenuniv.nl](mailto:Tukker@cml.leidenuniv.nl)

Mrs Willemijn van Os – Utrecht University (1:00:50)

[w.h.vanos@uu.nl](mailto:w.h.vanos@uu.nl)

Mr Jan Willem van Bokhoven – Holland House Colombia (1:05:56)

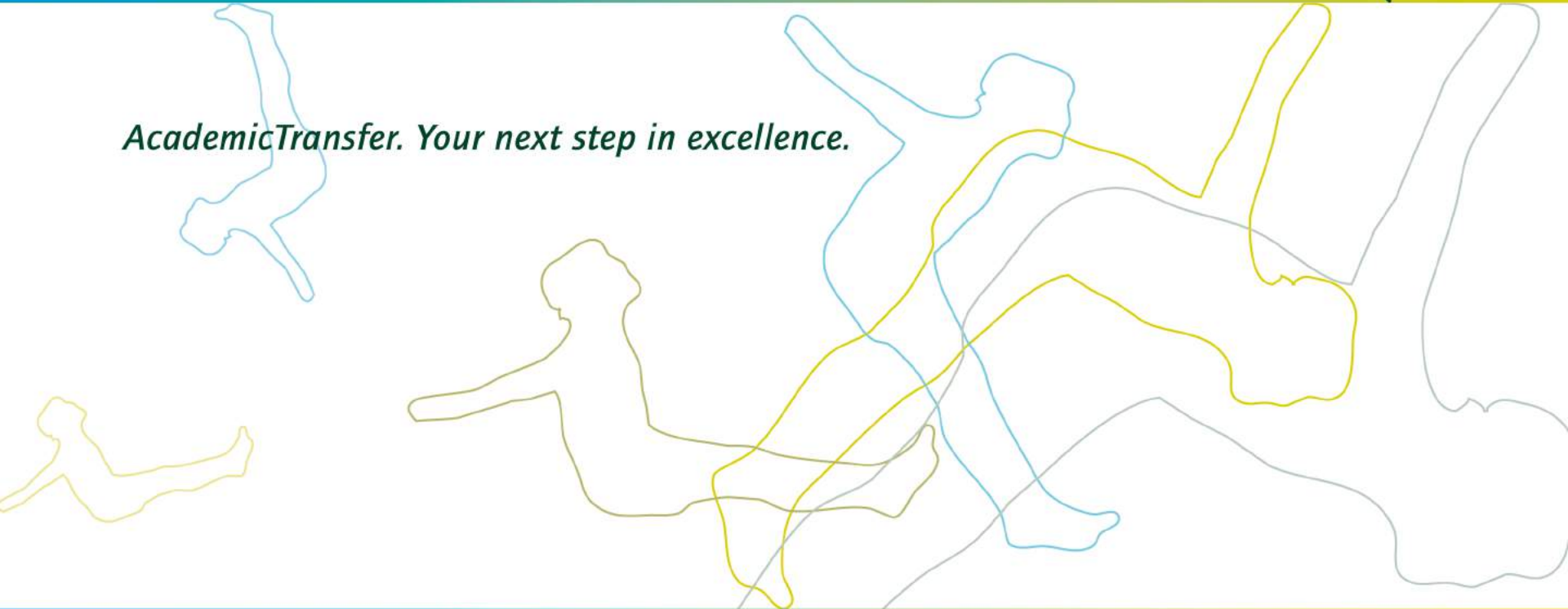
[jwvanbokhoven@hollandhouse-colombia.com](mailto:jwvanbokhoven@hollandhouse-colombia.com)

Mrs Maria Fernanda Guerrero – Mincencias –(1:12:06)

[mfguerrero@minciencias.gov.co](mailto:mfguerrero@minciencias.gov.co)



*AcademicTransfer. Your next step in excellence.*



# PhD in The Netherlands

Thursday 26 March 2020

*Updated Slidedeck*



# Introduction

**Alex den Haan**  
**Client Services Manager**  
**AcademicTransfer.com**



## PhD positions & research jobs in the Netherlands

If you want to proceed your science career in the Netherlands, AcademicTransfer is the place to be. On **AcademicTransfer.com** you'll find all PhD positions and academic jobs of Dutch research universities, university medical centers, research institutes and industry. Visit our job board to see what's on offer now!

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We proudly represent the following organisations:





## PhD Workshop Bogotá

24 March 2020

> I want to learn more



## PhD Workshop Mexico-City

28 March 2020

> I want to learn more

★ **CANCELLED** ★





Embassy of the  
Kingdom of the Netherlands



## PhD positions & research jobs in the Netherlands

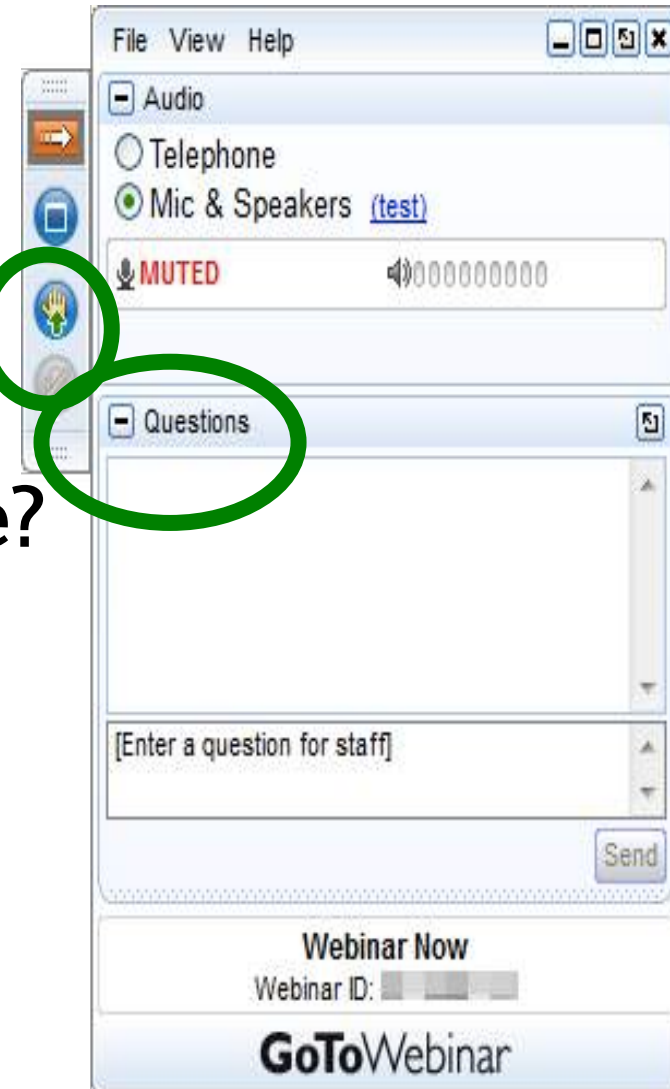
We proudly represent the following organisations:





# Introduction

- Questions,
- remarks,
- and/or other response?







# Questions & Answers

Re. special Country/Person/Organisation?

Please post them via Chat

We will create an FAQ of all those questions we cannot answer directly



# Agenda

**What is a PhD?**

**What is a PhD in NL?**

**Why a PhD in NL?**

**How to get a PhD position?**

**Who can help you?**

**Beyond the PhD...**



# What is a PhD?





# What is a PhD?

**Aim:**

To conduct and publish scientific research, based on the department's research plan and in consultation with the doctoral thesis supervisor or his/her assistant, with the aim of contributing to the development of scientific knowledge and understanding in a particular field of research, proved by the conferral of a doctorate within a specified period.



# Agenda

What is a PhD?

**What is a PhD in NL?**

Why a PhD in NL?

How to get a PhD position?

Who can help you?

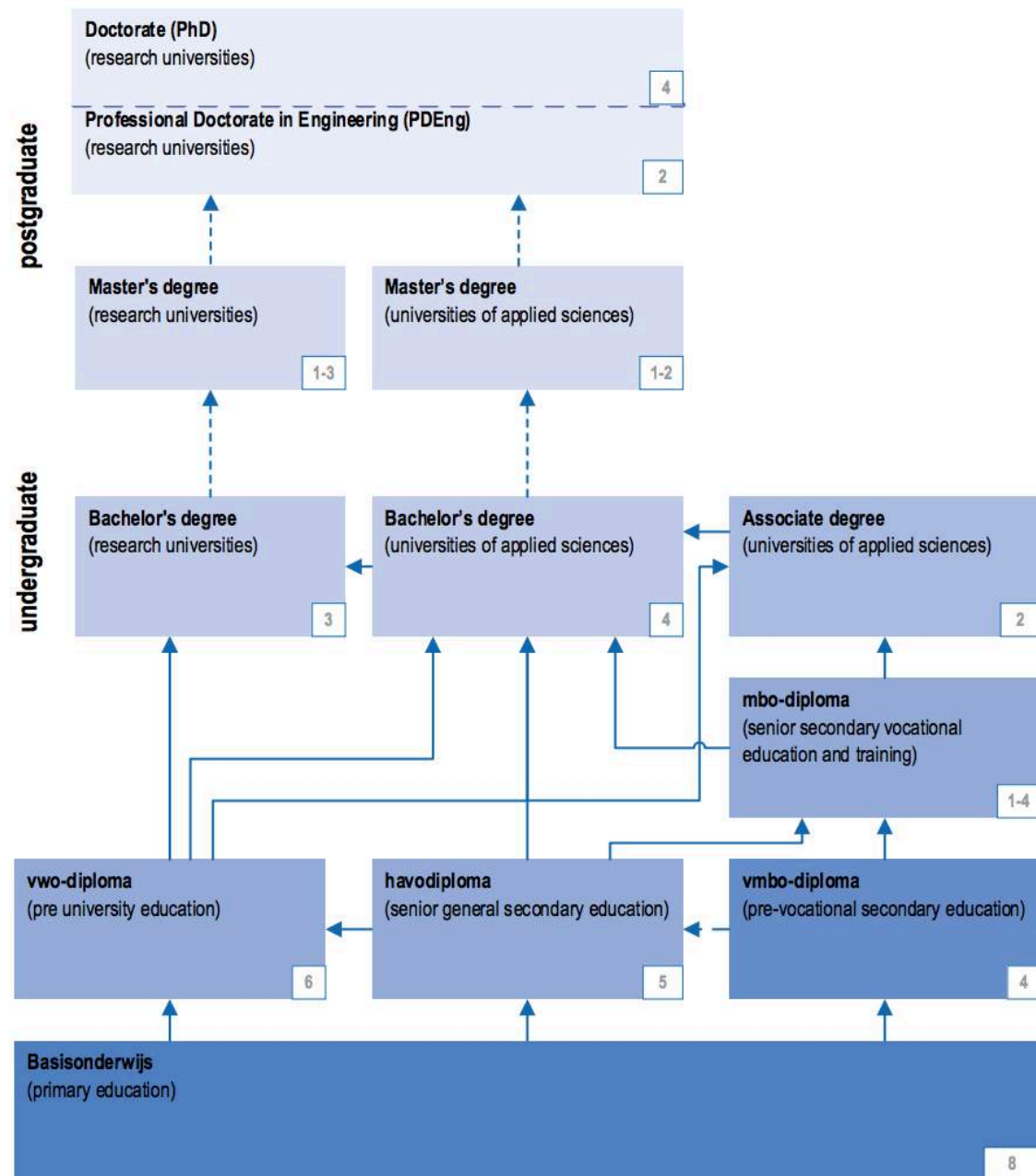
Beyond the PhD...



# What is a PhD in NL?

Third cycle

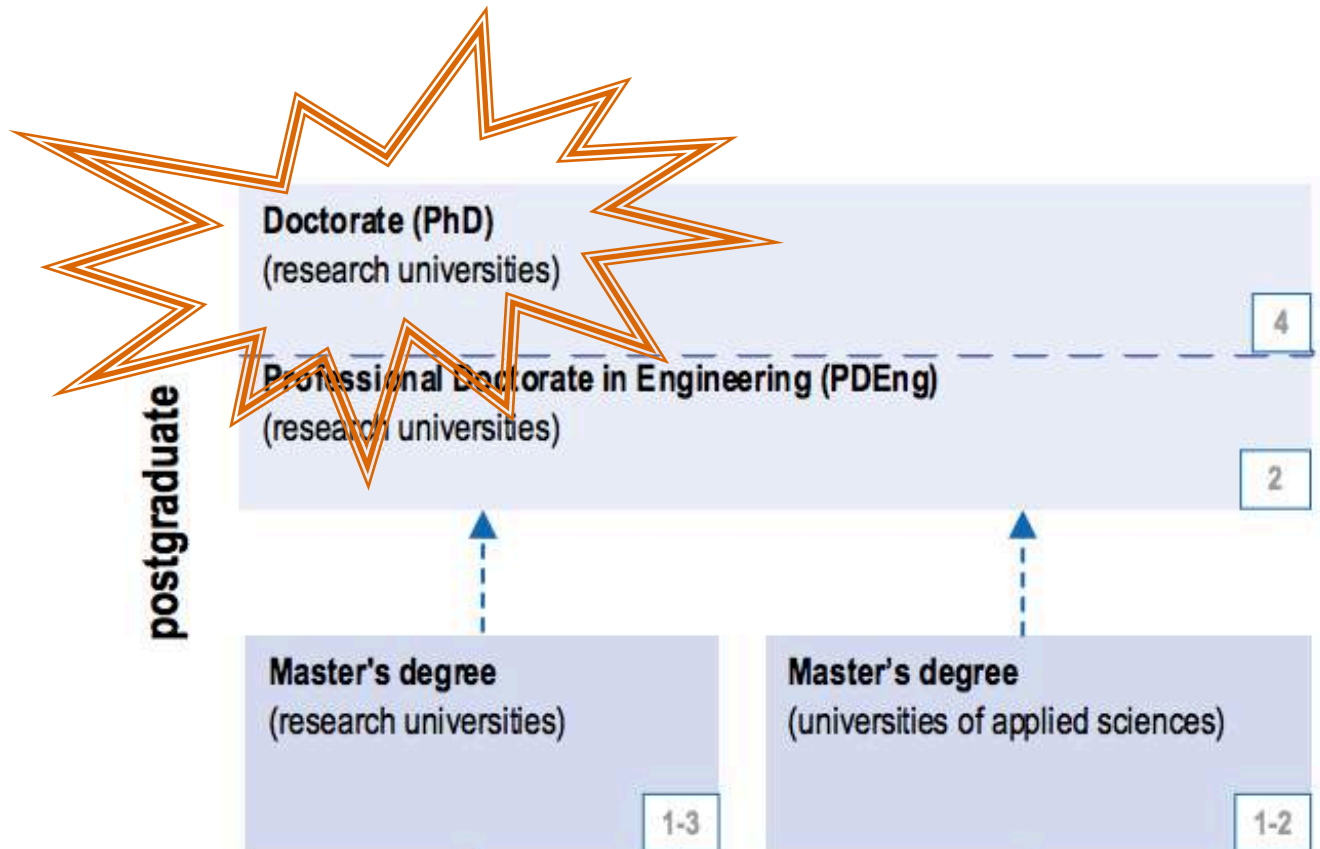
Doctoral







# What is a PhD in NL?





## Dutch academic career path





# PhD core activities

- Doing a PhD in The Netherlands is a full time 4 year research intensive position; not a programme
- It involves
  - individual and critical thinking
  - project management, including budgeting
  - writing papers
  - ask the right questions, challenge your supervisor
  - come up with your own ideas, taking initiative
  - discuss with your supervisor
- You won't be
  - guided like a student
  - told what to do next



## PhD core activities

- Research proposal
- Research plan
- Budget proposal
- Research
- Supervising research support staff
- Publication of research
- Doctoral thesis
- Teaching
- Supervising students



# Graduate Schools





# PhD student/candidate/fellow?

1. Employee PhD
2. Bursary PhD (= Personal Funding)\*
3. External PhD

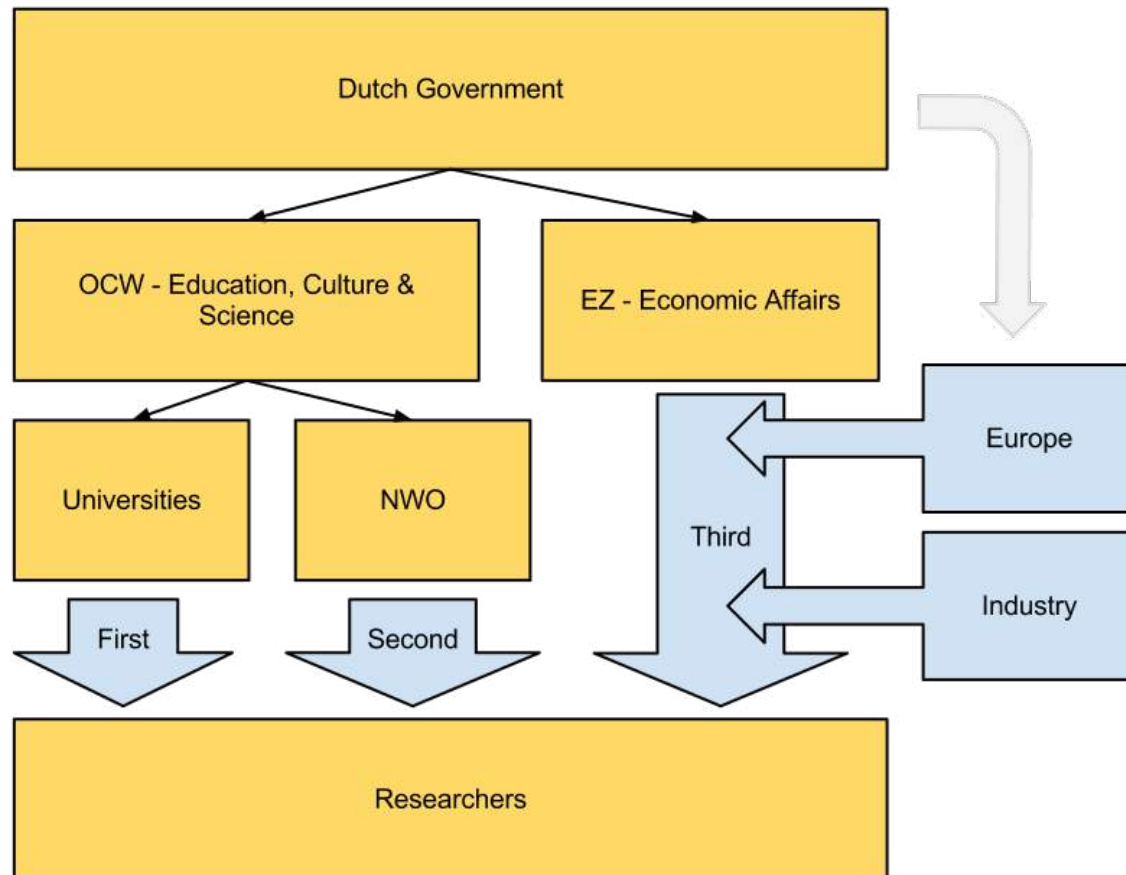
\* Grantfinder.nl

Find a scholarship





# Dutch research funding





# Top sector approach





# Agenda

What is a PhD?

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Why a PhD in NL?

How to get a PhD position?

Who can help you?

Beyond the PhD...



## Why a PhD in NL?

- Best non-native English speaking country
- Great country to live in
- Open-minded & direct
- Great public transportation
- Gateway to Europe



Broad perspectives,  
open minds

NL



## Broad Perspective



Science = *wetenschap*

*Wetenschap* = Arts & Humanities, STEM, Social Sciences

Research universities, university medical centres, universities of applied science, research institutes, industry.





# Open Minds

**NL** Netherlands

A large, orange parachute is shown against a clear blue sky. The parachute is fully deployed, with its canopy inflated and its suspension lines visible. The text is overlaid on the image.

*“The mind is like a parachute,  
it works best when it is open”*



## N(obe)L

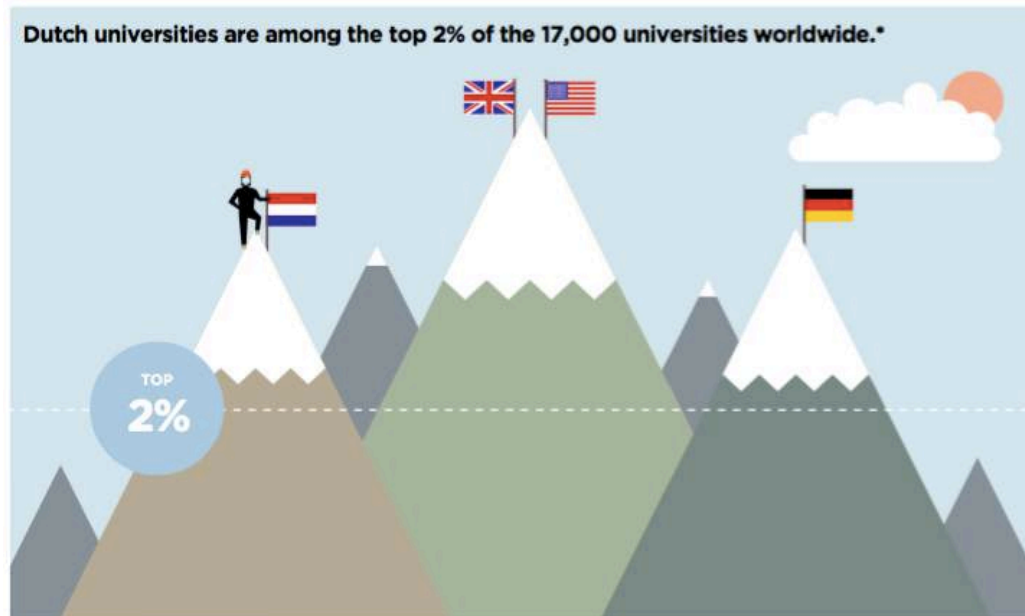
Since 1901 21 Dutch citizens (& 1 organisation) have received a Nobel prize:

- 11 in Physics
- 4 in Chemistry
- 3 in Medicine
- 2 in Economics
- 2 for Peace





# Why a PhD in NL?



\* Source for the number of universities worldwide: European Association of Universities, Global University Rankings and their Impact, 2013.

## Number of Dutch universities in top 2% of 17,000 worldwide universities\*\*



\*\* The VSNU is made up of 14 government-funded universities. Given its special nature, the Open University was not eligible for inclusion in the rankings.



# Agenda

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# Requirements





Vacatures Carrièreadvies Vacature plaatsen

NL ▾

## Het carrièreplatform voor werken in de wetenschap

Vind vacatures

Trefwoorden

Functietype

Wetenschappelijke discipline

166

Vacatures

> E-mailalert

Geplaatst ▾ Deadline

SPOTLIGHT

### Wetenschappelijk medewerker Bijwerkingencentrum Lareb

Ook zwangeren moeten soms geneesmiddelen gebruiken. We willen daarom weten of deze middelen ook veilig te gebruiken zijn. Kennis daarover is vaak nog beperkt.

Bijwerkingencentrum Lareb zoekt daarom een Wetenschappelijk medewerker (1 fte).

Samen...

24 aug

9 sep

's-Hertogenbosch

bijwerkingen  
centrumlareb

Lareb

### PDEng Trainee Designer in Bioprocess Engineering

In the Designer in Bioprocess Engineering programme, you develop yourself into a visionary team-player with a state-of-the-art background in biosciences and chemical engineering, prepared for innovative bioprocess design. You gain business...

vandaag

15 okt

Delft

TU Delft  
Delft University of Technology

Delft University of Technology (TU Delft)





## How to get a PhD position?

- Feel free to contact the professor, pro-activity is appreciated
- Do research into the group/faculty/university and recent work
- Follow the stated application procedure
- 'Brand' yourself
- Network
- Stay motivated and be prepared!



# Social Media Landscape 2019





# Agenda

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## Who can help you?

Colombia:

[www.colfuturo.org](http://www.colfuturo.org)

Webinar April 3rd at 8 am (COT). During the webinar people will know how the selection process will work this year.

[yosoyfuturo@colfuturo.org](mailto:yosoyfuturo@colfuturo.org)



# Who can help you?

**Colombia:**

<https://minciencias.gov.co>

**Maria Fernanda Guerrero**



# HOLLAND HOUSE COLOMBIA

Cámara de Comercio Colombo-Holandesa



# Contextualización

**Top 3** de  
Cámaras  
Holandesas  
más Grandes  
en el Mundo

**Top 5**  
de  
Cámaras  
Bilaterales  
en  
Colombia

**Primera**  
Cámara  
Holandesa  
acreditada

Cámara  
Holandesa  
**más  
Innovadora**  
en el Mundo  
en 2019

**Best  
practice  
e**  
Confecamaras



- Iniciativa Público-Privada
- Fue fundada en Julio del 2013 e Inaugurada el 22 de Noviembre del 2013 por el Rey King Willem-Alexander y la Reina Máxima
- Actualmente cuenta con más de 250 afiliados y da empleo directo a +18.000 personas
- Importancia triángulo KGB, colaboración estrecha con universidades de ambos países





E-mail: [contacto.naac@gmail.com](mailto:contacto.naac@gmail.com)

## Principales Actividades NAAC

- Pre-departure
- Alumni Gathering
- Promoción de la educación en Holanda (ferias)
- Convocatoria Proyecto Social

## Redes Sociales



[NAAC: Netherlands Alumni Association of Colombia](#) (527 miembros)



[NAAC- Asociacion de Exalumnos de Holanda en Colombia](#) (357 miembros)



# Where to find PhD Opportunities?

## Mexico

[www.nesolatinoamerica.org/home/estudia-en-holanda-para-mexicanos](http://www.nesolatinoamerica.org/home/estudia-en-holanda-para-mexicanos)

The screenshot shows the Nuffic Neso website interface. At the top, there is a navigation bar with links for 'inicio', 'contacto', 'Nuffic', 'preguntas frecuentes', 'mapa del sitio', and 'english'. A search bar is located on the right. Below the navigation bar, the main content area is titled 'Estudia en Holanda' (Study in the Netherlands). It includes a sub-header 'Estudia en Holanda: ¡hay más de 2,100 programas impartidos en inglés! La oficina Nuffic Neso en México te ayudará con cualquier duda que tengas.' (Study in the Netherlands: there are more than 2,100 programs taught in English! The Nuffic Neso office in Mexico will help you with any doubt you have.)

The main content area is divided into several sections:

- Busca tu programa de estudio** (Find your study program)
- Becas y financiamientos** (Scholarships and financing)
- Requisitos de admisión** (Admission requirements)
- Costos** (Costs)
- Holanda en los rankings internacionales** (Netherlands in international rankings)
- Testimonios** (Testimonials)
- Trabajar en Holanda** (Work in the Netherlands)
- Preguntas frecuentes** (Frequently asked questions)
- Orange Tulip Scholarship**
- Visita Nuffic Neso** (Visit Nuffic Neso)
- Activa tus estudios en la Ciudad de México** (Activate your studies in Mexico City)

On the right side, there is a 'Noticias' (News) section with several articles, including 'Oficina Neso cerrada para visitantes hasta nuevo aviso' (Neso office closed for visitors until further notice) and 'Covid-19 protocol for Dutch students in Mexico'. Below the news section is an 'ORANGE TULIP' logo and a link to the 'Orange Tulip Scholarship'. At the bottom right, there is a section titled '¿Tienes una pregunta?' (Do you have a question?) with a link to 'nuffic neso' and a map showing the location of the Nuffic Neso office in Mexico City.



## University of Groningen (UG), The Netherlands

- UG, founded 1614, is one of the oldest and largest comprehensive research universities in the Netherlands with about 33 thousand bachelor & master students and more than two thousand PhD candidates
- UG consistently ranks among the Top-100 of the world's best universities (ARWU Shanghai & THE World University)
- UG has a broad offer of teaching and research programs at eleven faculties, ranging from Health Sciences, Life Sciences, and Science & Technology to the Social Sciences & Humanities
- We are always interested in talented PhD students in any of those broader fields mentioned: >80 Mexican and Colombian PhD students are currently enrolled @UG





**1538 Academic staff  
132 Full professors  
1126 PhD students**

**10 Research Institutes  
2400 Publications per year  
177 PhD graduations per year**

# Faculty of Science and Engineering

University of Groningen, the Netherlands

› **PhD (4 years of training in research groups; English)**  
**<http://www.rug.nl/research/fse>**



## Engineering science and Technology institute:

- Analyze
- Explore
- Design



new technologies based on the integration of fundamental and engineering sciences

researchers with diverse background in applied physics, applied mathematics, electrical engineering, (bio)chemistry, chemical engineering, and mechanical engineering



## General entry requirements

- Make sure that UG offers **research expertise** in your field of interest
- Sufficient command of **English** (official test and/or acceptance by supervisor)
- Hold a **master's degree** (or equivalent: a “direct PhD” *licenciatura => doctorado* is possible!)
- Secure **supervision & funding** for your PhD project

## PhD funding: some options

- Apply to **CONACYT/Colciencias funding** after locating a researcher who has agreed to supervise you
- Apply to a position funded by a **project acquired by an individual researcher** (e.g. Dutch research foundation, EU, etc.)
- If you are enrolled in a CO/MX PhD program: apply to a **Sandwich PhD position**



- **Matching** with a supervisor
- **Funding opportunities**
- **Double Degree Programs** (UNAM-UG)
- ...

## PhD funding: particular *Groningen* benefits

- UG and CONACYT have an agreement for the funding of PhD students: **CONACYT funds 4 years, UG waives tuition fees**
- UG **tops up** scholarships of admitted PhD students who have acquired external funding, incl. **CONACYT & Colciencias**, to a standard norm of **>EUR 1800 per month**
- UG makes funding available for students admitted to selected **double degree PhD** programs



**Contact: Nidia Pantaleón**  
[n.pantaleon.colin@rug.nl](mailto:n.pantaleon.colin@rug.nl)

# Take your PhD at Leiden's Faculty of Science

Prof. Arnold Tukker, Institute of Environmental Sciences CML  
| PhD Workshop Bogotá, Mexico D.F.

26-03-20



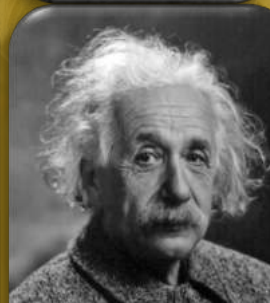
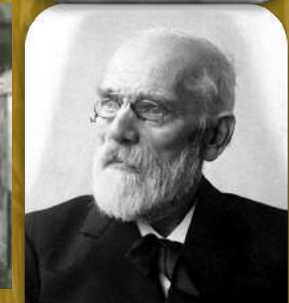
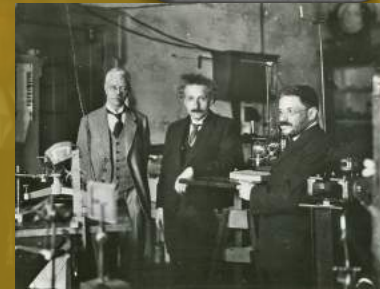
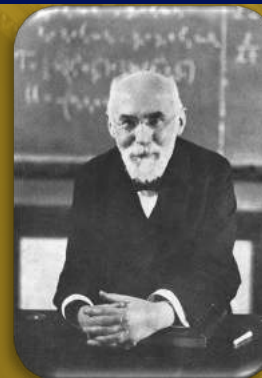
Universiteit  
Leiden  
The Netherlands

Discover the world at Leiden University



Universiteit  
Leiden  
The Netherlands

# Leiden: Oldest University in NL (1575) with prominent alumni



## Well known alumni

- William Alexander of Orange, King of the Netherlands
- Mark Rutte, Prime Minister
- Armin van Buuren, named the globe's best DJ
- Paul Verhoeven, Oscar-winning movie maker

## Some Nobel prize winning staff

- Hendrik Lorentz
- Heike Kamerlingh Onnes
- Pieter Zeeman
- Johannes Diederik van der Waals
- Albert Einstein



# Faculty of Science

- **Established in 1815, 8 research institutes**
- **Research at my institute (CML)**

## *Natural capital*

- Ecotoxicology – chemicals, microplastics, nanomaterials (prof. Vijver)
- Biodiversity and ecosystem services (prof. van Bodegom)
- Environmental DNA (prof. van Bodegom)

## *Efficient, circular resource use*

- Environmental input output analysis (prof. Tukker)
- (ex-ante) Life cycle assessment (dr. Guinée)
- Material flow analysis & intelligence (dr. Kleijn, dr. van der Voet)
- Urban metabolism (dr. Hu)

Mathematical Institute (MI)

Leiden Institute of Advanced Computer Science (LIACS)

Leiden Observatory

Leiden Institute of Physics (LION)

Leiden Institute of Chemistry (LIC)

Leiden Academic Centre for Drug Research (LACDR)

Institute of Biology Leiden (IBL)

Institute of Environmental Sciences (CML)



Utrecht University

# The Life Sciences Ecosystem @ Utrecht Science Park



## Graduate School of Life Sciences

14 PhD programmes  
± 1,750 PhD candidates  
± 20% international

16 Master's programmes  
± 1,200 MSc students  
± 20% international



**Veterinary Medicine**



**University Medical Centre Utrecht**



**Science**

## Are you interested in doing interdisciplinary research ?

- Regenerative Medicine, Stem Cells & Cancer
- Epidemiology
- Infection & Immunity
- Fertility & Reproduction
- Behaviour & Welfare
- Risk Assessment of Toxic and Immunomodulatory agents
- Clinical and Experimental Neuroscience
- Computational Life Sciences
- Medical Imaging
- Biomembranes
- Toxicology & Environmental Health
- Applied Veterinary Research



**Please contact us for more information:**

Willemijn van Os MSc, Head of Internationalisation Faculty of Veterinary Medicine, Recruiter  
Graduate School of Life Sciences

[w.h.vanos@uu.nl](mailto:w.h.vanos@uu.nl)



# Agenda

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# Beyond the PhD

## The added value

- Analytical skills
- Critical thinking
- Project management skills
- (including budget responsibility)
- Leadership/management experience
- Intercultural sensitivity
- Teaching



# Questions & Answers

Re. special Country/Person/Organisation?

Please post them via Chat

We will create an FAQ of all those questions we cannot answer directly



# A PhD in NL

Posted on November 22, 2010 by Jessica Hagy



<http://thisisindexed.com/2010/11/stretching-is-good-stuff/>



Alex den Haan

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[Linkedin.com/in/alexdenhaan](https://www.linkedin.com/in/alexdenhaan)





**Bedankt voor jullie  
aandacht**

**Thank you for your  
attention**