

## **The International Primary Care Research Training Curriculum**

*In the Netherlands also known as:*

*NHG Kaderopleiding Wetenschappelijk onderzoek*

When: September 2011

- a. Start class: September 12<sup>th</sup> – 15<sup>th</sup> 2011
- b. Advanced course: September 15<sup>th</sup> – 17<sup>th</sup> 2011 (first workshop)

Where: Maastricht – The Netherlands

Course venue: *De Grootte Sociëteit* [www.groote-societeit-maastricht.nl](http://www.groote-societeit-maastricht.nl)

### Introduction

We proudly present the 2011 course program of The International Primary Research Training Curriculum, founded in 1993, as a joint initiative of the Departments of General Practice of the universities of Maastricht and Amsterdam (Netherlands), Leuven, Antwerp, Brussels and Ghent (Flanders - Belgium). More recent, the universities of Düsseldorf, Rostock and Marburg (Germany) joined. Over the years, a large number of (beginning) researchers, from a variety of European countries, successfully followed the different modules. Many participants stayed actively involved (most of them part time) in research relevant for their (clinical) domain, whereas some even made it to a professorship. The teaching staff, mostly primary care clinicians, are all involved for many years in teaching and carrying out research at an international level.

### Aims of the training

To impart the necessary knowledge, understanding and skills, in order to do, under supervision, original scientific research in general practice, and to analyze and report it, on a level required for publication in a peer reviewed journal.

### Target groups

Start class: general practitioners and primary health care workers interested in learning basic skills for doing small scale research relevant for their (clinical) work. Advanced course: those who successfully passed (an equivalent of) year 1 and wish to proceed to larger research project, including studies on a PhD level.

### Curriculum structure

The curriculum consists of a two year program. In 2011, year 1 will be condensed to a 3 ½ day start class. Year 2 consists of three workshops of 2 ½ days each. The first workshop of the advanced course starts at the same day the start class has finished. This will make it possible, efficient and convenient, for those interested, to follow the start class and the first workshop of the advanced course in one week, at the same venue. The second and third workshop of year 2 will be organized in 2012.

### Objectives of the 2011 curriculum

The participant to the start class .....

- knows how to select a relevant topic for research and summarize the topic in a research question
- knows how to trace and interpret relevant literature on the subject
- knows how to select the proper research method
- knows how to apply basis statistics

The participant to the first workshop of the advanced course .....

- knows how to set up an intervention study
- knows how to apply randomization and blinding
- knows how to do a sample size calculation
- knows how to do focus group research and analyze the results
- knows how to do data management
- knows how to write a manuscript

### Course language: English

### Course leaders

- Professor Paul van Royen – University of Antwerp – Belgium
- Professor Geert-Jan Dinant – Maastricht University – Netherlands
- Assistent Professor Eric Moll van Charante – University of Amsterdam - Netherlands
- Professor Attila Altiner – University of Rostock – Germany
- Professor Norbert Donner-Banzhoff – University of Marburg – Germany

### Course manager

Mrs. Karin Aretz – Maastricht University – Netherlands

### Teachers for the course week in September 2011

- Professor Paul van Royen (course leader)
- Professor Geert-Jan Dinant (course leader)
- Assistant Professor Eric Moll van Charante (course leader)
- Professor Veronique Verhoeven – University of Antwerp
- Associate Professor Teresa Pawlikowska – University of Warwick
- Mrs. Karin Aretz MSc – Maastricht University
- Assistant Professor Daniel Kotz – Maastricht University
- Assistant Professor Mark Spigt – Maastricht University
- Assistant Professor Björn Winkens – Maastricht University

### Information

Mrs. Karin Aretz – [karin.aretz@maastrichtuniversity.nl](mailto:karin.aretz@maastrichtuniversity.nl)

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### Course program

#### *Start class*

<b>Day</b>	<b>Time</b>	<b>Subject</b>
Monday Sept 12 <sup>th</sup>	9.30- 10.00	<i>Welcome drinks</i>
	10.00-12.00	How to select a research question
	12.00-13.00	<i>Lunch</i>
	13.00-14.30	Methods of quantitative research
	14.30-15.00	<i>Tea</i>
	15.00-16.30	Projects - in subgroups (1)
	16.30-18.00	Individual consultations
Tuesday Sept 13 <sup>th</sup>	9.00-10.30	Methods of qualitative research
	10.30-11.00	<i>Coffee</i>
	11.00-12.30	Precision-reliability-validity
	12.30-13.30	<i>Lunch</i>
	13.30-15.00	Searching and interpreting literature
	15.00-15.30	<i>Tea</i>
	15.30-17.00	Projects – in subgroups (2)
17.00-18.00	Individual consultations	
Wednesday Sept 14 <sup>th</sup>	9.00-10.30	Fundamentals of medical statistics
	10.30-11.00	<i>Coffee</i>

	11.00-12.30 12.30-13.30 13.30-15.00 15.00-15.30 15.30-17.00 17.00-18.00 18.00 -	Basics of SPSS <i>Lunch</i> How to prepare a presentation <i>Tea</i> Individual preparing of presentation Individual consultations <i>Joint social evening for start class and advanced group</i>
Thursday Sept 15 <sup>th</sup>	9.00-9.30 9.30-11.00 11.00-11.30 11.30-13.00 13.00-14.00	<i>Meeting with (other) participants of advanced course</i> Presentations (1) <i>Coffee</i> Presentations (2) <i>Lunch</i>

*Advanced course*

<b>Day</b>	<b>Time</b>	<b>Subject</b>
Thursday Sept 15 <sup>th</sup>	9.00-9.30 9.30-11.00 11.00-11.30 11.30-13.00 13.00-14.00 14.00-15.30 15.30-16.00 16.00-17.00	<i>Meeting with (other) participants of start class</i> Presentations (1) <i>Coffee</i> Presentations (2) <i>Lunch</i> Focus group research <i>Tea</i> Analyzing focus group data
Friday Sept 16 <sup>th</sup>	9.00-10.30 10.30-11.00 11.00-12.30 12.30-13.30 13.30-15.00 15.00-15.30 15.30-17.00 17.00-18.00	Introduction to invention studies <i>Coffee</i> Blinding and randomization <i>Lunch</i> Power and sample size calculation <i>Tea</i> Projects – in subgroups (1) Individual consultations
Saturday Sept 17 <sup>th</sup>	9.00-10.30 10.30-11.00 11.00-12.30	How to write a manuscript <i>Coffee</i> Projects in subgroups (2)

	12.30-13.30	Lunch
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### Method

Problem-based learning will be the teaching method. Lectures will be given occasionally. Participants bring the research project they are currently working on (advanced course) or have in mind to start with (start class). Every participant will leave the course (start class and advanced course) with a plan for further elaboration on his/her research project. It is expected that participants find (further) supervision in their own setting. During the course, participants will be challenged to identify and bring in problems and challenges they face with regard to their research project, and discuss those in small tutorial groups ('projects - in subgroups'). In addition, the course leaders will be available for individual consultations on the research projects. On Thursday morning, participants of the start class present their research projects to participants of the advanced course, and vice versa.

### Accreditation

- For general practitioners in NL, the *NHG Kaderopleiding Wetenschappelijk onderzoek* is accredited for 40 hours per year. Participation to the start class 2011 stands for 30 hours. Participation to the first workshop of the advanced course 2011 for 20 hours.
- In Flanders (Belgium) the research course can be part of the doctoral study program.

### Fee

- Start class: Euro 400,-
- Advanced course – first workshop: Euro 400,-
- Start class plus advanced course: Euro 750,-
- The fee includes course venue, tea-coffee-drinks-lunch on course days, course materials, salaries of teachers, social evening.
- Not included are hotel costs.

### Registration

Only per email to Mrs Karin Aretz – [karin.aretz@maastrichtuniversity.nl](mailto:karin.aretz@maastrichtuniversity.nl)  
Please provide: full name, title, profession, address (preferably of organization), zip code, city, country, mobile number, email address.