Join Radboud Summer School 2019!

Early Programming: How Early Life Shapes Human Development

Radboud University
During the prenatal and early postnatal years human development proceeds at a breathtaking pace and is highly sensitive to environmental influence. Early experience shapes short- and long-term developmental outcomes. This course focuses on the effects of early experience on human development, and more specifically, on child socio-emotional development, physiology, and health. Factors that play a role in our development will be approached from different perspectives, with special attention to psychological and biological perspectives.

The course is intrinsically interdisciplinary and will cover a broad range of topics. The programme will consist of lectures, and a variety of individual and small group assignments that will be discussed in plenary sessions. These assignments include critically reviewing literature, resolving research problems, designing a research project and brainstorming about the future of the field. There will also be a lab visit at the Baby and Child Research Centre.

Topics include:
- Early life stress, including maternal stress during pregnancy and postnatal stress
- Early caregiving environment, including attachment, feeding and sleeping arrangements, paternal care and non-parental care
- Biological markers, including hormones, epigenetics, and telomere physiology
- Health, including intestinal microbiota
- Early prevention and intervention, including in infants born preterm

After this course you are able to
- Understand the effects of a broad range of early prenatal and postnatal experiences on developmental outcomes, and on possible underlying mechanisms
- Critically analyse recent literature on the course subjects
- Apply the recently acquired knowledge into the design of new research, and into discussing your own ideas and standpoints on this field of research
- Be aware of recent developments in the field of programming research

Number of EC
2 ECTS credits

Course leader
Carolina de Weerth, Professor Developmental Psychology, BSI, Radboud University

Early Programming: How Early Life Shapes Human Development
Admission document
CV

Entry level
Master and PhD

This course is designed for
Master and PhD students of Psychology, Pedagogics, Biology, Medicine or related fields, who are interested in learning about the psychological and the biological aspects of early programming. Students that do not meet these requirements, should support their motivation in a letter.

You can find more details about this course on our website

Course date
Monday 8 July - Friday 12 July 2019

Course fee
€ 525

Deadline application
1 May 2019

Discounts
• 10% discount for early bird applicants. The early bird deadline is 1 March 2019.
• 15% discount for students and PhD candidates from partner universities. Please note that these discounts can be combined if you apply before 1 March 2019.

Apply now!
What is the RSS experience?

RSS is more than just a course!

Radboud Summer School offers you a unique opportunity to meet other students and researchers from all over the world with different cultural and academic backgrounds. You will also get to know Radboud University and the city of Nijmegen. Our social programme includes a welcome reception, guest lecture and farewell drinks. And for a small fee you can join our BBQ, River Cruise on a pancake boat, a Pub Quiz, Sports Activities or a City Game.

Want to know more?
Have a look at what participants have said about their experience on our website!

Contact
T. +31-248187706
E: Radboudsummerschool@ru.nl
F: RadboudSummerSchool
I: Radboudsummerschool