Join Radboud Summer School 2018!

Early Programming: How Early Life Shapes Human Development

change perspective

Radboud University
Early Programming: How Early Life Shapes Human Development

This highly interactive course looks into exciting and recently discovered environmental factors and mechanisms that shape early and long-term human development; using evolutionary, biological, and psychological perspectives. During the prenatal and early postnatal years neurobiological and behavioral development proceeds at a breathtaking pace and is highly sensitive to environmental influence. Early experience shapes early and long-term developmental outcomes. This course focuses on the effects of early experience on human development, and more specifically, on health, cognition, physiology, and socio-emotional development. Factors that play a role in our development will be approached from different perspectives, with special attention to biological, psychological, and health perspectives. The course is intrinsically interdisciplinary and will cover a broad range of topics.

The assignments include:
- Designing a research project
- Critically reviewing literature
- Resolving research problems
- Watching documentaries and discussing them
- Reflecting on ethical issues
- Brainstorming about the future of the field

Topics include:
- Early life stress, including maternal stress during pregnancy
- Epigenetic mechanisms
- Hormones and physiology
- Early caregiving environment, including quality of parenting and non-parental care
- Prematurity: increasing the odds for healthy development
- Health, including intestinal microbiota
- Fathers: role in infancy and later development
- Telomere physiology
- Early prevention and intervention

For whom is this course designed
Master and PhD students of Psychology, Biology, Medicine, or related fields.

After this course you are able to
- Have knowledge and understanding of the effects of early experience on a broad range of developmental outcomes, as well as on possible underlying mechanisms
• Be aware of critical issues in the recent field of programming research
• Be able to critically analyze recent literature on the course subjects
• Be able to apply the recently acquired knowledge into the design of new research, and into discussing your own ideas and standpoints on this field of research

Admission documents
CV

Number of EC
2 ECTS credits

Entry level
Master and PhD

Course leader
Carolina de Weerth, Professor Developmental Psychology, Behavioural Science Institute, Radboud University

Dates
Monday 13 August – Friday 17 August 2018

Course fee
€525

Discounts
• 10% discount for early bird applicants. The early bird deadline is 1 April 2018.
• 15% discount for students and PhD candidates from partner universities.

Deadline application 1 June 2018
Want to be part of the RSS experience?

More than just a course!
Radboud Summer School is more than an academic event. It is a unique opportunity to meet other international students and researchers and to get to know Radboud University and the city of Nijmegen. Our participants come from all over the world and have different cultural and academic backgrounds. Our programme includes the following activities free of charge: welcome reception, guest lecture and farewell drink. We offer sports activities, a BBQ, a river cruise on a Pancake Boat and a city tour for a small fee.

Have a look at what participants have said about their experience!

You can find more details about the courses on our website

Register now!

Contact
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www.ru.nl/radboudsummerschool, August 5-17 2018