

# Developmental Programming and Disease: Environmental Risk Factors, Mechanisms and Strategies Workshop



Hosted by the University of Rochester Environmental Health Science Center and the Department of  
Environmental Medicine

**Thursday, September 27, 2018**

**8:30 a.m. – 5:30 p.m.**

**Class of '62 auditorium**

**Lunch will be provided from 12:30 – 1:30 pm**

<b>8:30 - 8:45</b>	Early Life programming in the Rochester Environmental Health Science Center	<b>11:00 - 11:30</b>	<b>Edwin van Wijngaarden:</b> Mercury exposure from life-long fish consumption and developmental outcomes: 30 years of data from the Seychelles Child Development Study
<b>8:45 - 9:30</b>	<b>Jerry Heindel:</b> Introduction to Early Life Programming by Exogenous Factors	<b>11:30 - 12:00</b>	<b>Martha Susiarjo:</b> Fetal imprinting as a mechanism of programming
<b>9:30 - 10:00</b>	<b>Rebecca Fry:</b> The placenta: A driver of early and later life disease	<b>12:00 - 12:30</b>	<b>Kristen Scheible:</b> Immune cell programming in respiratory outcomes
<b>10:20 - 10:50</b>	<b>Derrick MacFabe:</b> The role of the gut microbiome in fetal programming	<b>1:30 - 2:00</b>	<b>Margot Mayer Proschel:</b> Early nutrition and fetal programming

**2:00 - 4:00 Workshop Breakout Group Discussion**

What are the strongest data to date of developmental programming?

What is happening in that critical window in relation to the target organ?

What innovative approaches can be used to integrate model systems and human population studies?

What strategies could be used to understand the impacts of cumulative exposures and mixtures of environmental stressors?

**4:00 – 5:00 pm**

**Wine and Cheese Reception in the Flaum Atrium**

**Registration is required**

Please register at: <https://www.urmc.rochester.edu/environmental->

[medicine/events/workshop-on-developmental-programming-and-disease/registration.aspx](https://www.urmc.rochester.edu/environmental-medicine/events/workshop-on-developmental-programming-and-disease/registration.aspx)

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