



FACULTAD DE MEDICINA
PONTIFICIA UNIVERSIDAD
CATÓLICA DE CHILE



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Escuela de Medicina

U21 Health Sciences Summer School 2016 overview

“Early critical windows of preventive interventions”

Marcelo Farías, Marcela Grez, Jorge Carvajal
PUC Team

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UNIVERSITAS 21
Health Sciences

U21 Health Sciences Group Summer School

ANNUAL TWO WEEKS INTERDISCIPLINARY COURSE
FOR UNDERGRADUATE HEALTH SCIENCES STUDENTS



Summer School 2014

The University of Auckland - 7-18 July 2014

"Substance Misuse Studies: A Harm Reduction Approach"



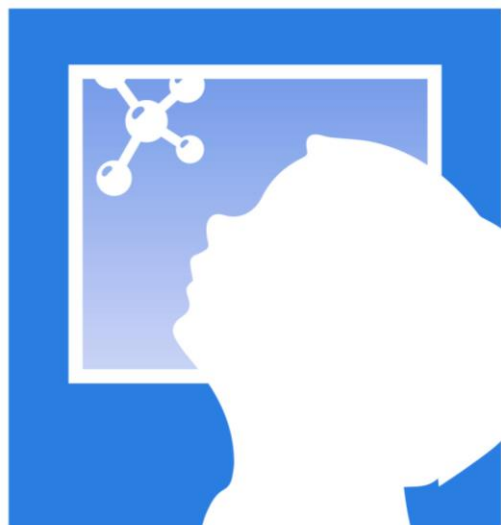
Summer School 2015

Tecnológico de Monterrey - 6-18 July 2015

"Vulnerability, low budget healthcare"

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Early critical windows of
preventive interventions

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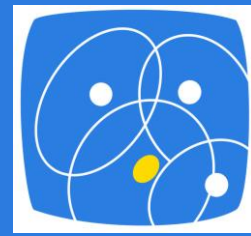
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EARLY CRITICAL WINDOWS OF
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U21 HSG Summer School 2016 Background



DEVELOPMENTAL ORIGINS OF HEALTH AND DISEASE

Maternal, perinatal,
early childhood factors



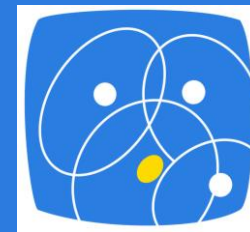
Disease
Development
Risk

Unhealthy diet, lack of exercise,
smoking, alcohol, stress,
microbiota, pollutants, etc.



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Shifting our view



DEVELOPMENTAL ORIGINS OF HEALTH AND DISEASE

Long term
health from a
healthy start

Window of opportunity



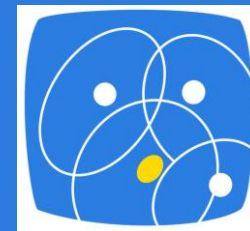
*What happens
in the womb lasts
a lifetime*

Preconception-Pregnancy-1000 days



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Academic Focus



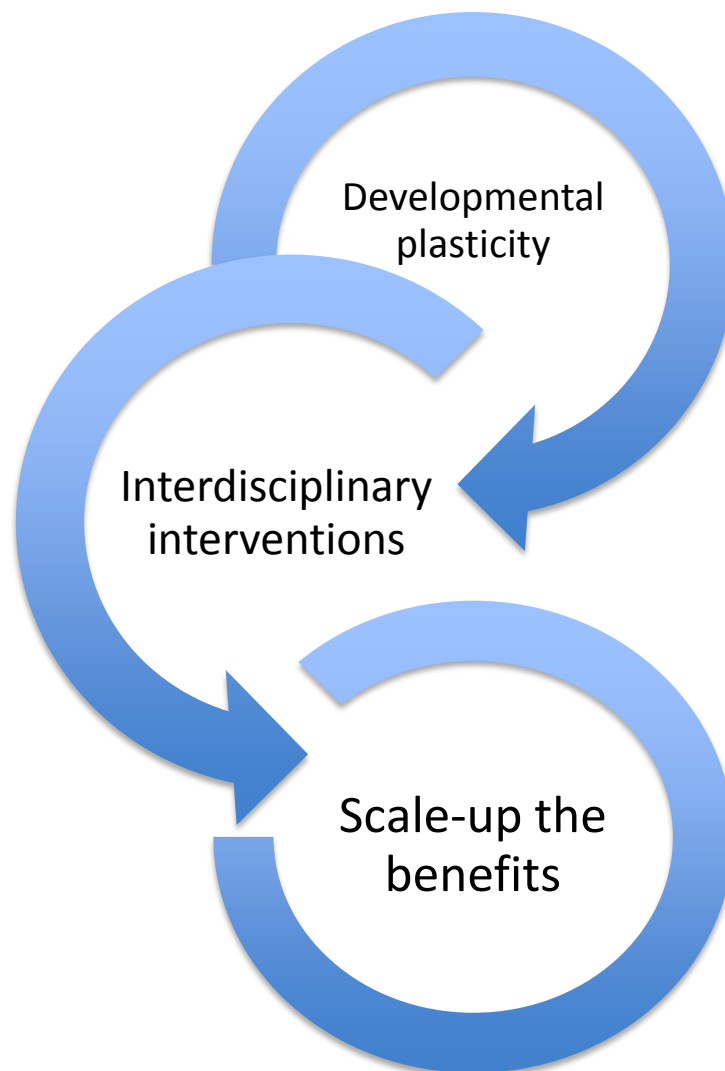
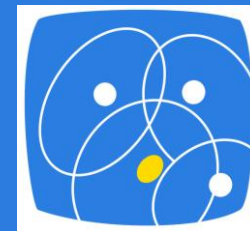
EARLY CRITICAL WINDOWS OF PREVENTIVE INTERVENTIONS





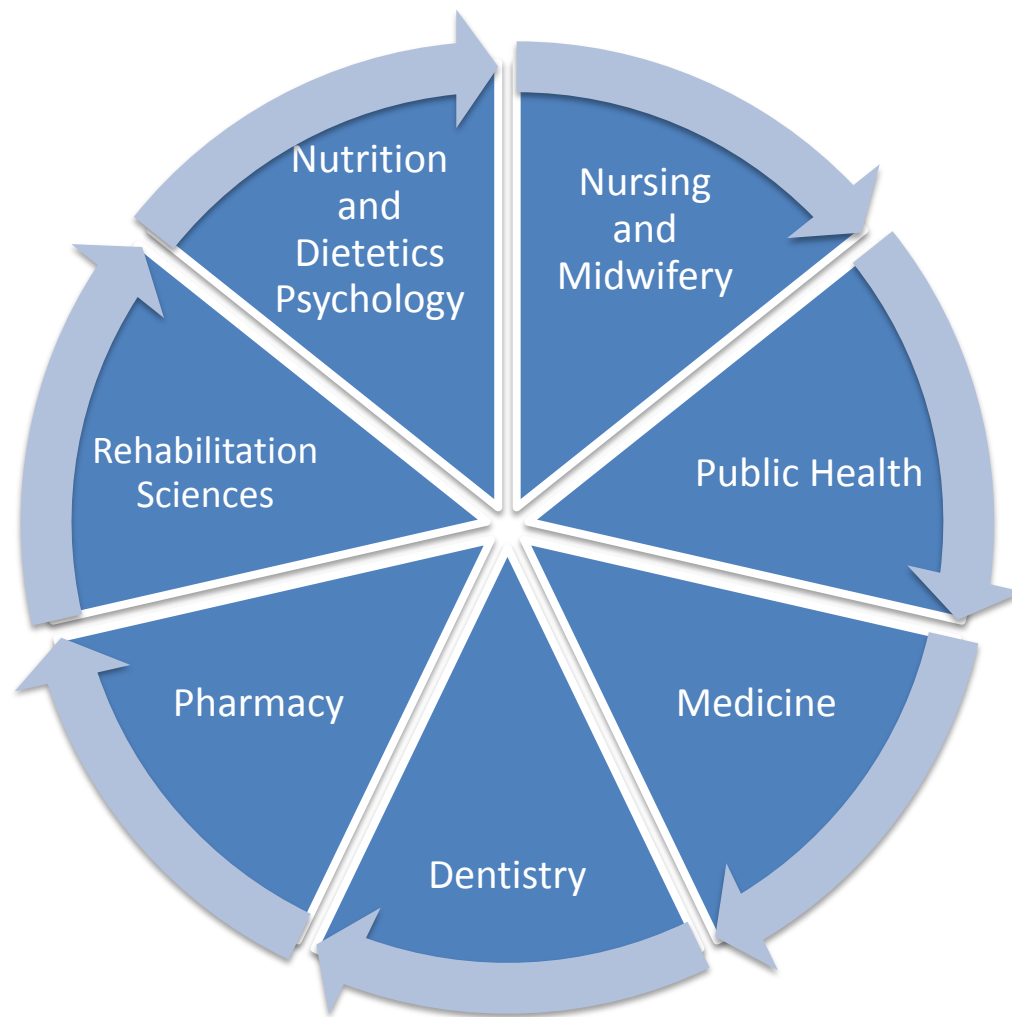
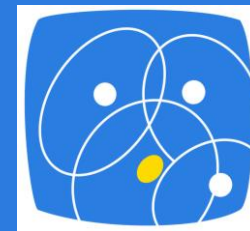
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Main learning objectives





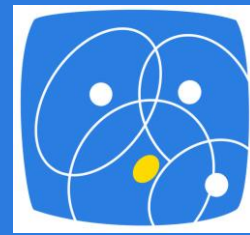
U21 HSG Summer School 2016 Disciplines





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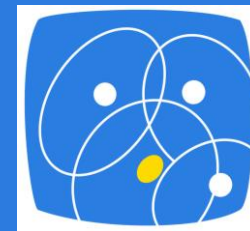
Examples of early life interventions



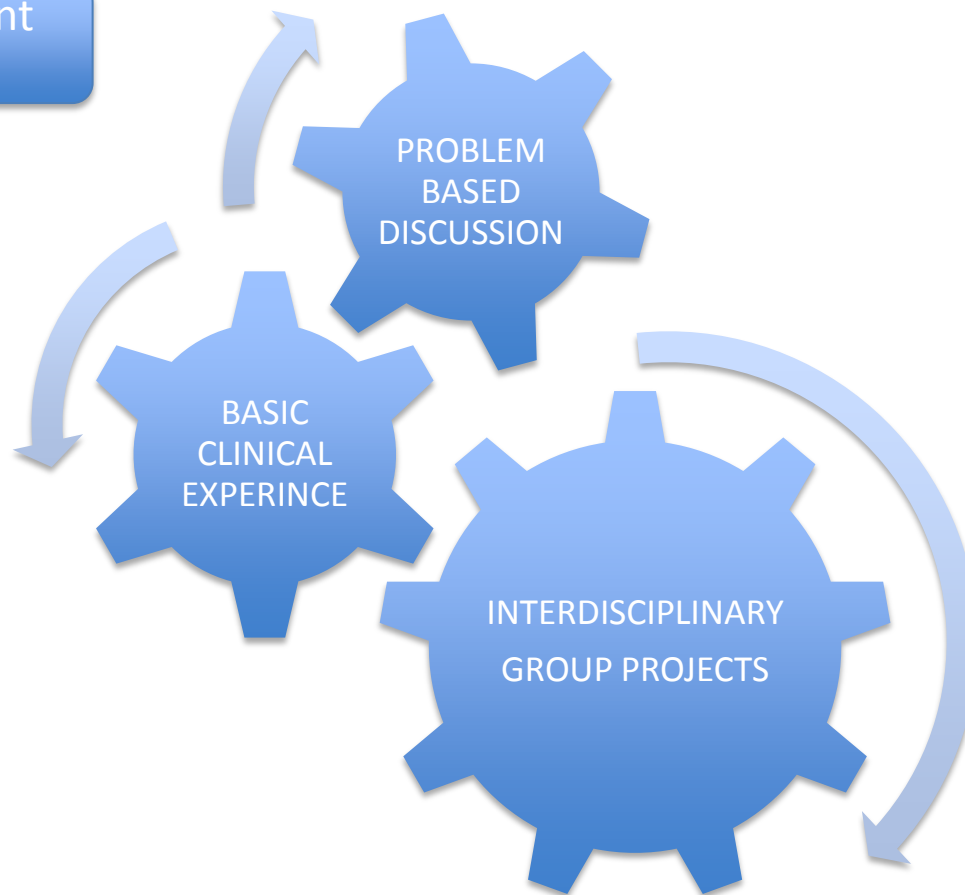


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Teaching methodologies



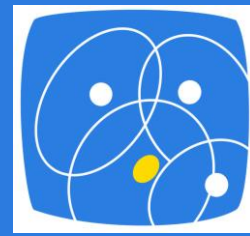
Stimulating student participation





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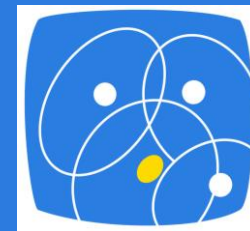
Clinical facilities



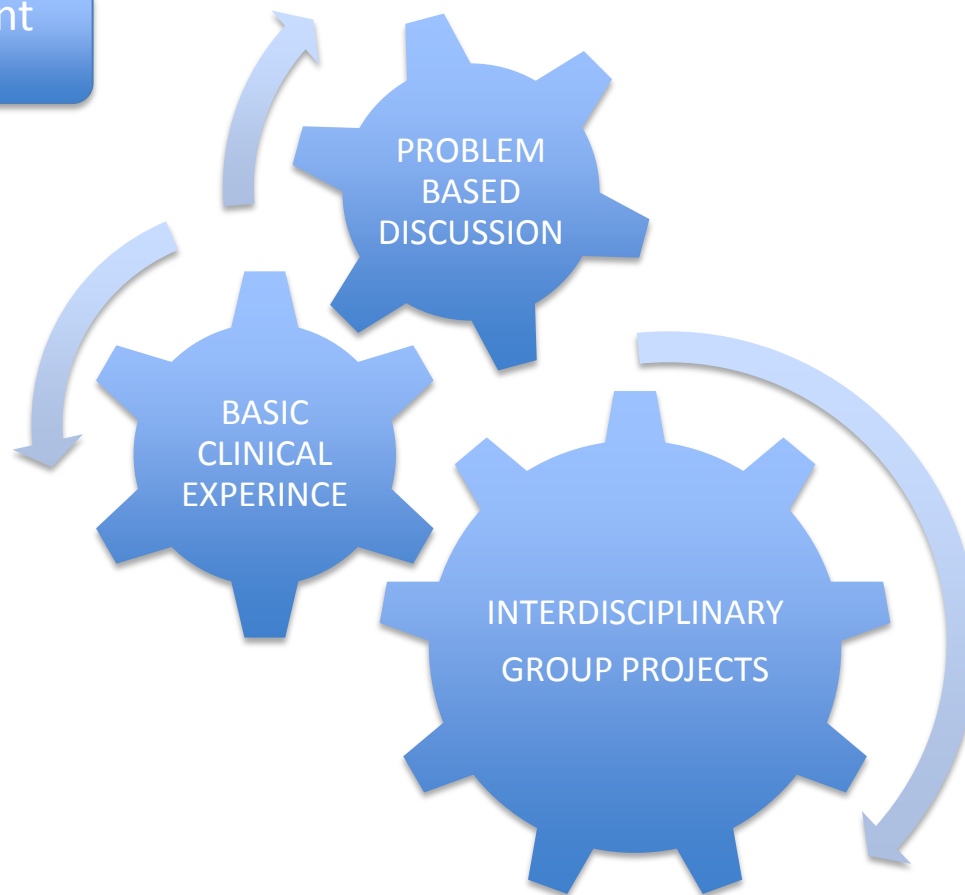


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Teaching methodologies



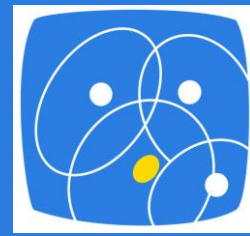
Stimulating student participation





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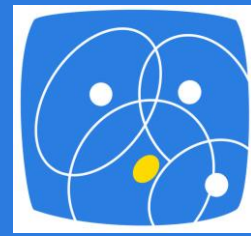
Cultural visits





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Further information



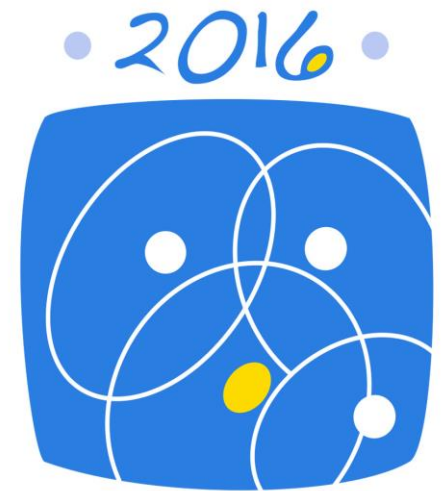
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- <http://u21health.org>



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1



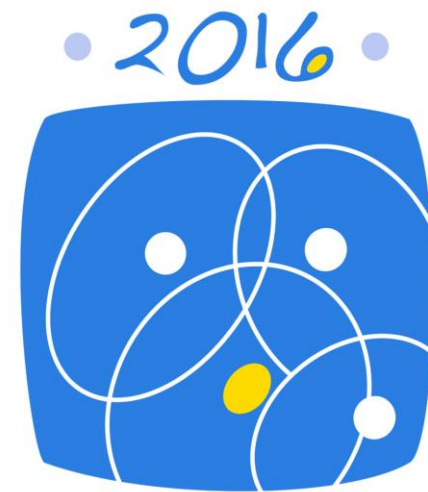
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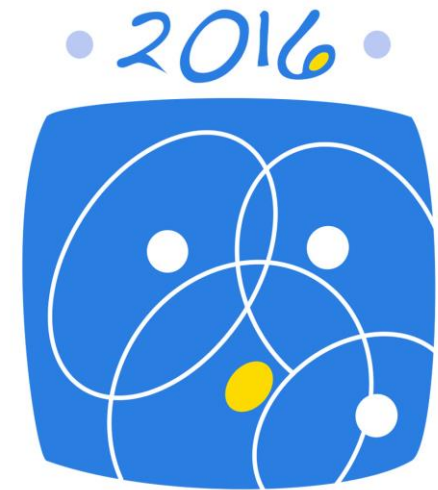
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Public decision about logo





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