# Current developments in the improvement of pr teachers ${ }^{\circ}$ action with overweight students 

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## Who is speaking

University of Liege


## Who is speaking?

## AIESEP

International Association for Physical Education in Higher Education
International, non-governmental, nonprofit, professional association
Promotion and contribution to the development of future specialists and researchers in the field of physical education and sport
www.aiesep.org



## An overvicew abouiz

An insight of the literature
Some models proposed to deal with overweight in PE
A series of studies implemented at the University of Liege

- Perspectives of development through collaboration between practitioners and researchers




## Overweight and obesity

An escalating global epidemic "Globesity"

## Key facts

- Worldwide obesity has nearly doubled since 1980.
- In 2008, more than 1.4 billion adults, 20 and older, were overweight. Of these over 200 million men and nearly 300 million women were obese.
- $35 \%$ of adults aged 20 and over were overweight in 2008 , and $11 \%$ were obese.
- $65 \%$ of the world's population live in countries where overweight and obesity kills more people than underweight.
- More than 40 million children under the age of five were overweight in 2011.
- Obesity is preventable.


## Overweight and obesity

The role of school is emphasized

- All children
- Much time
> Professional stru
School-based o strategies

- Curriculum
> Parent/Family
> School environment/Policy


## Overweight and obesity

What about PE?

- Worldwide PE crisis

$>$ Evolution of the teaching principles
- (Physical) literacy
- Accountability
> Change of the PE teachers' mission
- From sport educator to physical activity promoter
- Towards one PE-Health Education worldwide?


## Overweight and obesity

## What about PE?

'Pedagogy of obesity' is missing (Haerens, 2012)
> A debate between two conceptions

- Specific approaches focusing on overweight students
- Integrated PE (and Health) Education





Social ecological constraint model
Li \& Rukavina (2012)



## A series of studies

## Cloes et al. (2007)

Do students' perceptions change according to their BMI?

YES, perception of
BUT the differences
competence and were not clearly linked attitude towards PE to the student's decrease inversely with perception of BMI ... involvement

## Cloes \& Ziant (2009)

- How do the opinions of obesity specialists and PE teachers differ?

PE teachers are not ready to contribute effectively to the fight against obesity

There is a need of collaboration between specialists and PE teachers

It seems necessary to develop specific units focusing on how to work with obese students




## Tmplenentations

PE teachers needs examples of good practices that will help them to implement instructional strategies dealing with overweight students

It helps them to develop their own approaches as effective practice 'reflectioners'


## Tmplenentations

Preservice and inservice PETE should emphasize teaching strategies focusing on special needs students (not only overweight youths)

Several pedagogical supports need to be developed and tested (next step of our own series of researches)


## Tmplenentations

The last survey focusing on the problems encountered by the PE teachers might be replicated in other national contexts

The support developed might be shared with the contribution of the professional associations


## Collaborations

Researchers and practitioners should implement more collaborative projects

Are you ready? Do not hesitate to contact me !!!!




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