UiO : Institute of Health and Society
University of Oslo

# uHealth in South Korea
# – some examples –

Anne Moen,
anne.moen@medisin.uio.no

# My research interests

- Prevention, early intervention
  - diet and healthy eating as a premise for active aging
- Welfare technology / Ambient Assisted Living
  - tools in the home environment, support independence
- Service innovation
  - practice models that capitalize on / harness opportunities

Ernæring
Velferdsteknologi

# Examples of uHealth (1)

- Health promotion
  - guidelines as resource for self care tools
  - health avatar as coach for changes
- Non-intrusive data capture by everyday tools
  - scale, toilet, vital signs, shoes, bed
  - infer activity, calculate vital signs, ex. estimate BP

R&D activity at Seoul National University and affiliated hospitals, SEOUL

# Examples of uHealth (2)

ETRI Electronics and Telecommunications Research Institute

- Life coach
  - Wellness monitoring – smart shoes, plate & cup, place mat
  - Medication – adherence, drop-off & cost saving
- Smart Care – Home Health gateway
  - Independent assisted living
    - Activity type recognition; vital signs, walking, eating
  - Infrastructure for information exchange,
    - Collecting information in shared repository
    - Collaboration – health system, provider and consumer

R&D at ETRI, Electronics and Telecommunication Research Institute, in DAJEON

# Why South Korea

- Comparable challenges
  - Demographics – “super aged” society
  - Socio-economic – changing societal (family) structures
  - Health care access and cost
- Technologically – more mature ?
  - Well diffused mobile devices,
  - Connectivity – interoperability ?
- Practice models – open question ?
  - Customize care, treatment, follow up for those with access
  - Encourage consumer’s active participation, decision making
  - Service innovation ?