

# ABOUT IHE

IHE was founded in 1979 and is a pioneer health economic research centre in Sweden. IHE has a strong academic profile with ties to Lund University and Karolinska Institutet (KI) in Stockholm (several staff members hold joint positions). IHE is located in Lund, Sweden.

IHE has ongoing projects with over 50 clients around the globe, representing national authorities, pharmaceutical companies, healthcare providers, branch organisations, and patient interest groups.

In addition, IHE is the organiser of a network of Swedish health economists since 2002, with 200 members and annual meetings.

## Our Vision

As an independent research institute, working multi-disciplinary with a broad array of public and private clients, IHE aims to contribute to sound decision-making in the health care setting by bridging the gap between the academic, commercial, and health care providers.

## Our Staff

IHE has around 25 highly qualified, multidisciplinary specialists in health economics, medical science, and statistics. Out of these, 10 hold PhDs, 2 are PhD students, and half the staff have 10 years experience or more. This makes IHE one of the largest team of health economists in Sweden.

## Our Work

IHE promotes academic excellence and frequently publishes work in peer reviewed journals and our own report series, IHE Report. We publish between 20 and 30 papers annually. During the last five years, IHE staff published more than 120 journal articles and IHE Reports.

## Our Research Collaborations

### SWEDISH RESEARCH COLLABORATIONS

#### Lund University

- ◇ Value of Statistical life (VSL) in transport and health care (School of Economics)
- ◇ Health Economics at School of Economics and Faculty of Medicine
- ◇ Research collaboration with the quality register ParkReg and Region Skåne
- ◇ IHE's Katarina Steen Carlsson is Associate Professor of health economics at Lund University

#### Umeå University

- ◇ Research and development collaboration with the national quality register PsoReg and Västerbotten county council

#### Karolinska Institute (KI)

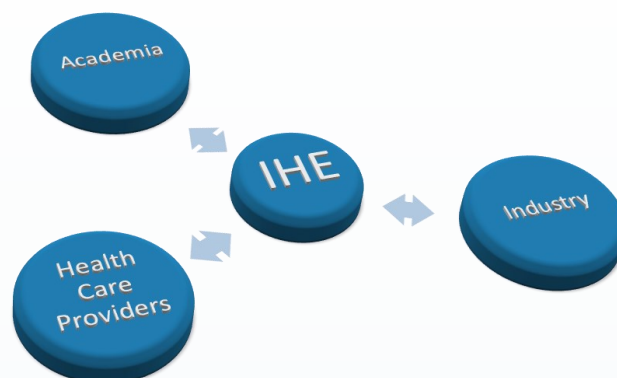
- ◇ IHE's Peter Lindgren is Adjunct Professor of health economics at the KI

### INTERNATIONAL RESEARCH COLLABORATIONS

- ◇ MOUNT HOOD CHALLENGE: Economics, simulation, modelling & diabetes
- ◇ BADGER: EU-project on bacterial analysis and diagnostics through growth and energy-release in real-time
- ◇ DO->IT: European consortium who will lead and coordinate the Innovative Medicines Initiative (IMI) programme *Big Data for Better Outcomes* (BD4BO)
- ◇ PIONEER: A BD4BO-project aiming to improve care in prostate cancer by unlocking the potential of big data and big data analytics.
- ◇ BURQOL: Quality of life in orphan diseases together with universities in 10 countries in Europe
- ◇ EUROVAQ: Value of a QALY, 13 universities in 10 European countries



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## IHE's board

Bengt Jönsson, Professor (Chairman)

Richard Bergström, former Director  
General EFPIA

Toivo Heinsoo, state investigator

Anders Lönnberg, former state investi-  
gator (life science)

Michael Willis, Research Director IHE

## Activities

### IHE Forum

Annual conference where all actors in  
the health care sector meet and discuss  
various topics of current interest in the  
health sector

### Education

- Introduction courses in health economics and health economic modeling
- Custom-designed courses for individual purchasers

### Other

IHE:s Katarina Steen Carlsson is a member of the scientific advisory committee Eira at SBU, is a member of the scientific committee of the Swedish National Board of Health and Welfare and works for HTA Skåne at Region Skåne.

# AREAS OF EXPERTISE

## Economic Evaluation of Pharmaceuticals and Medical Technology

- ◇ Cost-of-Illness, Cost-Effectiveness, and Cost-Consequences analyses
- ◇ Real-World Data (RWD) analysis, to inform Cost-of-Illness studies, analyse resource use, treatment patterns etc.
- ◇ Support HTA decision-making and internal early-decision-making in development of new products
- ◇ Alternative payment models. Risk-sharing agreements to reduce uncertainty for both producers and payers, stimulate R&D and benefit patients' access to care

## Health Economic Modelling

- ◇ Leader in development of health economic models, including education in model building techniques
- ◇ Multiple existing, validated models within complex disease areas (e.g. diabetes and cancer) that can be adapted/used for new research questions. Some are available for leasing

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## Organisation and Financing of Health

- ◇ Evaluate impact of different decisions and/or reforms in the health care sector on resource allocation and accessibility of care
- ◇ Data Envelopment Analysis (DEA) to empirically measure efficiency and productivity of a health care system
- ◇ Assist government agencies in decision-making, e.g. regarding resource allocation, implementation of screening programs or treatment recommendations

## Functioning and Performance of the Pharmaceutical Market

- ◇ Health economic demands and incentives targeted at manufacturers, payers, authorities, pharmacy, as well as prescribers and patients
- ◇ Inform the public debate

## Preferences for Health and Health Care Intervention

- ◇ Patient and societal preferences essential in efficient allocation of health care resources
- ◇ Estimating preferences using various Quality-of-Life instruments and methods for calculating Willingness to Pay
- ◇ Value-based pricing (VBP), submissions to HTA, demonstrate product value, support cost-effectiveness evaluation