Opportunities in Denmark: an epidemiologist’s dream

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AARHUS - - DENMARK
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Atlanta, Georgia
Personal journey

<table>
<thead>
<tr>
<th>City</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moscow</td>
<td>9,000,000</td>
</tr>
<tr>
<td>Chicago</td>
<td>2,000,000</td>
</tr>
<tr>
<td>Boston</td>
<td>600,000</td>
</tr>
<tr>
<td>Aarhus</td>
<td>300,000</td>
</tr>
</tbody>
</table>
Small country – Big Data

Some of Denmark’s many nationwide registries
The Danish Civil Registration System as a tool in epidemiology

Morten Schmidt · Lars Pedersen · Henrik Toft Sørensen

Fig. 2 The Civil Personal Register (CPR) number
Denmark: the right constellation

The Epidemiologist's Dream: Denmark

Lone Frank
Population epidemiology

Onset

No disease  Asymptomatic disease  Clinical course

Clinical epidemiology

Clinical diagnosis
Pharmacoepidemiology

Studying unintended effects of interventions

Basic question:
Do the benefits of a treatment outweigh its risks?
ARE YOU BLUES?


The Emory Department of Psychiatry and Behavioral Sciences is conducting a research study on therapy and FDA-approved medication for Depression. Treatment will be provided at no cost.

Who can be in this study:
- Men and Women
- Ages: 18-65
- Currently Depressed
- Not using illegal drugs
- Not pregnant or nursing women

All participants will be offered a minimum of 6 Months of treatment at NO CHARGE. All participation is kept private.

404-778-6663
www.emoryclinicaltrials.com
Use of selective serotonin-reuptake inhibitors during early pregnancy and risk of congenital malformations: updated analysis

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Background: Data on the safety of selective serotonin-reuptake inhibitors (SSRIs) in pregnancy are inconsistent. We examined associations between SSRI use during early pregnancy and risk of congenital malformations in infants.

Methods: Set in Northern Denmark, our population-based prevalence study included 216,042 women who had a live birth after the 20th week of gestation. We compared the prevalence of malformation in infants born to women who redeemed at least one SSRI prescription during early pregnancy with the prevalence in infants born to women who redeemed no SSRI prescriptions during their pregnancies. Drug use data were extracted from prescription databases, while data on congenital malformations were obtained from the National Registry of Patients.
Graduate school
At DCE we are proud of educating future researchers. We have many PhD students and offer an educational and interesting program in an inspiring research environment with many international collaborators.

Learn more

Professor Henrik Toft Sørensen
Department of Clinical Epidemiology is an international research department with employees from more than 10 nations and several leading researchers as adjunct or visiting professors. We do research, teach doctors and PhD students and provide consultancy services. We conduct a wide range of high-quality research within clinical epidemiology with focus on improving diagnostics, treatment and clinical care. We always welcome your enquiries, comments and proposals.
• Established in 2000
• 80 full-time employees
• 25 statisticians
• 20 core faculty (2 professors)
• 7 adjunct faculty
• 30+ PhD students
• 130+ publications annually
• Staff’s country of origin: USA, Germany, Hungary, India, Spain, Ireland, Norway
Aarhus University: the timeline

1928
Aarhus University was established in 1928 as a small private initiative.

1933
First use of the name Aarhus University.

1961
The University Hall of Residence No. 1 is home to HRH Crown Princess Margrethe, later to become Queen of Denmark.

1968
First student demonstration promoting participatory democracy.

1992
Merger with Aarhus Dental School.

1995
HRH Crown Prince Frederik obtains his MA degree in political science.

1997
First Nobel Prize received by Emeritus Professor Jens Christian Skov in Chemistry.

2006/07
Merger with five other Danish research and education institutions.

2010
Second Nobel Prize received by Professor Dale T. Mortensen in Economic Sciences.

2012
Merger with the Engineering College of Aarhus.
A GLOBAL UNIVERSITY

65
THE NUMBER OF
COMPLETE DEGREE PROGRAMMES IN ENGLISH

77
THE NUMBER OF
STAFF NATIONALITIES

103
THE NUMBER OF
STUDENT NATIONALITIES

1,019
THE NUMBER OF COURSES TAUGHT IN ENGLISH

1,024
THE NUMBER OF EXCHANGE AGREEMENTS

1,068
THE NUMBER OF INCOMING EXCHANGE STUDENTS

1,287
THE NUMBER OF OUTGOING EXCHANGE STUDENTS

3,393
THE NUMBER OF INTERNATIONAL FULL DEGREE STUDENTS
Selected targets

- Strengthen research quality through international collaboration
- Attract more international research funding
- Recruit excellent and internationally recognized researchers and talented students
- Embed an international dimension into all PhD programs
“International collaboration is an integrated part of all activities at Aarhus University. We have a long-standing tradition of partnering with some of the world’s best research institutions and university networks.

The university has seen a considerable rise in the level of international mobility among researchers and students – a trend we are committed to supporting and which we would like to see continuing.”
Work destinations: a sampler

- Atlanta
- San Francisco
- London
- Boston
- Los Angeles
- Stockholm
- Oslo

- Berlin
- Copenhagen
- Amsterdam
- Barcelona
- Moscow
Interested?

http://www.au.dk/en/about/vacant-positions/scientific-positions/
Source: Thomson Reuters, accessed 12 October 2014
Work-life balance

• Parental leave
  – 52 weeks
    • Mom: 18 weeks
    • Dad: 2 weeks
    • Mom+Dad: 32 weeks

• Childcare >70% subsidized

• Gender pay gap 4% - the lowest in the EU

• 6 weeks’ paid vacation
All things Danish…
THANK YOU

Contact
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