
BREV
Ukonvoluteret

43

Returneres ved varig adresseændring

Næste nummer af "MEDDELELSER" udkommer 1. september 2
Bidrag skal være redaktøren i hænde senest **den 22. august kl. 1**

## Nyt om navne

Søren Lundbye-Christensen er pr. 1. april 2008 blevet ansat som biostatistiker ved Kardiovaskulært Forskningscenter ved Aalborg Sygehus. Søren kommer fra en stilling som lektor ved Aalborg Universitet.

Tina Obel er pr. 1. juni 2008 ansat som biostatistiker ved Kardiovaskulært Forskningscenter ved Aalborg Sygehus. Tina kommer fra en stilling som fuldmægtig ved Region Nordjylland

# MEDDELELSER

Dansk Selskab for Teoretisk Statistik

## Fyraftensmøde i DSTS
## Onsdag den 25/6 2008 klokken 17.15
## med foredraget:

**On Cointegration with Non-Linear Error-Correction**
ved Professor Anders Rahbek

Anders Rahbek tiltrådte i foråret en stilling som Professor i økonometri ved Økonomisk Institut, Københavns Universitet. Han vil præsentere et emne fra den økonometriske forskning. Foredraget varer ca. 45 min. hvorefter alle fremmødte er velkomne til at deltage i den efterfølgende middag på en nærliggende restaurant. DSTS vil som sædvanligt give et bidrag til middagen.

**Sted:** HCØ, Københavns Universitet. Auditoriet annonceres senere via
e-meddelelser.

**Tilmelding til middagen:** Niels Richard Hansen, richard@math.ku.dk.

33. årgang nr. 5 Juni 2008

**Biostatistisk Afdeling**
**Københavns Universitet**

23. maj 2008

# Seminarer i anvendt statistik

Seminarerne afholdes på det gamle Kommunehospital, Øster Farimagsgade 5, opgang B. Der serveres te i Biostatistisk Afdelings bibliotek (opgang B, 2. sal) en halv time før.

**Onsdag d. 4. juni 2008, kl. 16.15, lokale 15.3.01 (bemærk ugedag og tidspunkt).**

**Fabian Sobotka, Ronja Foraita, Iris Pigeot**
**Bremen Institute for Prevention Research and Social Medicine (BIPS), University of Bremen, Germany**

**The uncertainty of graphical models**

Graphical models are useful to uncover multivariate association structures in terms of conditional independencies and to represent these structures in a graph. When fitting graphical models to multivariate data, the problem occurs that the uncertainty of a selected graphical model cannot be assessed by some kind of measurement. Estimating a graphical model means starting a model selection algorithm whose fit is the best substitute for a close form estimator. Due to this non-existence there is of course also a lack of a calculable variance of the estimator. The consequence is that no confidence or credibility region for a selected graphical model can be given.
An approach to that problem is built up by bootstrap methods where data is resampled a sufficient number of times and a graphical model is selected from each bootstrap sample. Two univariate measurements for uncertainty will be presented. One uses the selection frequency of the graph's edges in the bootstrap models to determine a mean model and the other uses differing edges to determine variation. Since both measurements are unable to determine bias, they depend on an "unbiased" model selection strategy. Hence, a simulation study was carried out that compared different strategies with respect to differing edges between a given graphical model and the results of the algorithm.

**Mandag d. 23. juni 2008, kl. 15.15, lokale 7.0.18.**

**Daniel Commenges**
**University of Bordeaux, France.**

**A general dynamical statistical model with causal interpretation**

We develop a general dynamical model as a framework for causal interpretation. We first state a criterion of local independence in terms of measurability of processes involved in the Doob-Meyer decomposition of stochastic processes, as in Aalen (1987); then we define direct and indirect influence. We propose a definition of causal influence using the concepts of "physical system". This framework makes it possible to link descriptive and explicative statistical models, and encompasses quantitative processes and events. One of the features of the approach is the clear distinction between the model for the system and the model for the observation. We give a dynamical representation of a conventional joint model for HIV load and CD4 counts. We show its inadequacy to capture causal influences while on the contrary known mechanisms of HIV infection can be expressed directly through a system of differential equations.

Per Kragh Andersen

PHD School in Applied Probability with Applications to Finance and Insurance
June 23th - 27th 2008

We offer a Ph.D, course on advanced modeling using stochastic processes with special regard to insurance and credit risk. Special emphasis is on computational methods in applied probability. Using Markov processes as building stones we shall be able to formulate and solve stochastic models in a quite general setting. We consider the integral procedure of model formulation, estimation and prediction. The model formulation involves advanced topics from current research on matrix exponential methods. The estimation part involves maximum likelihood estimation of incomplete data as well as Markov chain Monte Carlo methodology. Finally we show how to combine the three tasks in a joint procedure or algorithm.
Learning objectives:

A student who has met the objectives of the course will be able to:

* Build increasingly complex stochastic models
* Validate goodness of fit for such models
* estimate functionals of interest
* estimate parameters of phase--type distributions
* perform risk management for credit risk
* calculate ruin probabilities in complex risk reserve processes

The course will be given at the Technical University of Denmark by

* Prof. Bo Friis Nielsen, bfn@imm.dtu.dk
* Prof. Mogens Bladt, bladt@imm.dtu.dk

Cost

The school fee has been set to Euros 100, which will cover two common dinners during the week. The ITMAN graduate school will pay for the running of the course and lunch etc. Hotel and the rest of the meals etc. are on your own expense.

Further details are available at

http://www.imm.dtu.dk/PHDSchool

## Functional Data Workshop - Copenhagen, 23-27 September 2008

James Ramsay, McGill University


Workshop outline: The first four days consists of a course held by Jim Ramsay, McGill University, Canada. The lectures will intersperse case studies with discussions of statistical and mathematical issues. The case studies aim to show the range of applications possible, show what insights might be gained from using FDA methods, and illustrate the challenges that are specific or particularly relevant to the analysis of functional data. Case studies are not "how to" sessions, but rather address questions like, "Why should I consider this approach?" and "What should I watch out for?" During the course there will be several practical sessions using R.

The first two days will be oriented to the motivation and the preliminaries of functional data analysis and will cover topics like: What are functional data? How should they be prepared for analysis? How do we convert discrete noisy data to smooth functions? What data exploration tools are useful? Do the data display both phase and amplitude variation? What about principal components analysis and other exploratory methods? The second two days will be primarily given over to linear models for functional data and to the modeling of dynamic systems. These are vast topics, and includes relatively basic topics like functional versions of analysis of variance and regression analysis and as well as issues less familiar to statisticians such as how differential equations can be used to model functional data.

The last day of the workshop is dedicated to a small research workshop which aims at bringing people together to present some FDA related problems/topics for an open discussion.

Audience: The workshop is designed to provide something of value to as wide a range of participants as possible, ranging from those interested in whether FDA might prove useful in their research, to statistical methodologists looking for research problems and interested in new techniques. Ph.D. students are especially welcome!

Workshop on the web: Further information, including a detailed program, is available at http://gbi.agrsci.dk/~shd/public/FDA2008/

Sign up: Participation in the workshop is free but space is allotted on a first-come-first-serve basis. To sign up for the workshop, please send an email to Søren Højsgaard (sorenh@agrsci.dk) no later than June 20, 2008.

Resources:

- Ramsay, J. O. and Silverman, B. W. (1997) *Functional Data Analysis*. New York: Springer.
- Ramsay, J. O. and Silverman, B. W. (2002) *Applied Functional Data Analysis*. New York: Springer.
- http://www.psych.mcgill.ca/misc/fda/

THIELE CENTRE
FOR APPLIED MATHEMATICS IN NATURAL SCIENCE

Department of Mathematical Sciences
University of Aarhus

## Activities at the Thiele Centre

**Seminars:**

**Thursday 12 June 2008**, 14:15, building no. 1531, Koll.D
Richard Gardner, Western Washington University:
*Capacities, Surface Area, and Radial Sums*

ABSTRACT:
In 1983, Borell proved a remarkable Brunn-Minkowski-type inequality for the capacity of convex bodies in $\mathbb{R}^n$, a result that was generalized twenty years later by Colesanti and Salani to $p$-capacity for $1 \le p < n$. These results, like the classical Brunn-Minkowski inequality, give a lower bound for the Minkowski sum of two convex bodies in terms of the convex bodies themselves. In 1975, Lutwak initiated the dual Brunn-Minkowski theory, in which convex bodies are replaced by star bodies and the Minkowski sum by a different combination called the radial sum. He found that many of the inequalities in the classical Brunn-Minkowski theory, including the Brunn-Minkowski inequality, have dual forms in which the inequality sign is typically reversed. Thus the dual Brunn-Minkowski inequality gives an upper bound for the volume of the radial sum of two star bodies in terms of the volumes of the star bodies themselves. The talk focuses on dual inequalities to those of Borell, Colesanti, and Salani. Though it appeared in a somewhat disguised form, the first such was discovered by Bandle and Marcus in 1975. The discussion of this and recent results of the speaker and David Hartenstine will lead to consideration of surface area as well as $p$-capacity.

**Thursday 19 June 2008**, 14:15, building no. 1531, Koll.D
Richard Gardner, Western Washington University:
*Gaussian Brunn-Minkowski inequalities*

ABSTRACT:
The Brunn-Minkowski inequality is one of the most important in mathematics. In one of its variations, it says that for convex bodies $K$ and $L$ in $\mathbb{R}^n$ and $0 < t < 1$,

$$V((1-t)K + tL)^{1/n} \ge (1-t)V(K)^{1/n} + tV(L)^{1/n},$$

where $V$ denotes $n$-dimensional volume and

$$(1-t)K + tL = \{(1-t)x + ty : x \in K, y \in L\}.$$

From the Brunn-Minkowski inequality, the famous isoperimetric inequality can be obtained in a few easy lines. The talk is a report on joint work with Artem Zvavitch on inequalities, some already known and some new, of the Brunn-Minkowski type for Gauss measure $\gamma_n$ in $\mathbb{R}^n$. The Gauss measure $\gamma_n(E)$ of a set $E$ in $\mathbb{R}^n$ is defined by

$$\gamma_n(E) = (2\pi)^{-n/2} \int_E e^{-|x|^2/2}\, dx,$$

in other words, it is just the integral over $E$ of the standard multivariate Gaussian or normal probability density function.

**Thiele Centre** - Department of Mathematical Sciences – University of Aarhus

Conference on Efficient Monte Carlo: From Variance Reduction to Combinatorial Optimization. A Conference on the Occasion of

R.Y. Rubinstein's 70th Birthday
**14-18 July 2008,** Sandbjerg Estate, Sønderborg

http://www.thiele.au.dk/Rubinstein/

---

## MIGUEL HERNAN IN COPENHAGEN ON MARGINAL STRUCTURAL MODELS

A 3-hour course in modern causal inference focusing on Marginal Structural Models will be offered by Miguel Hernan of Harvard School of Public Health

Saturday 16 August 10-13 in Copenhagen.

Further information is available at the website of Danish Graduate School of Biostatistics (Forskerskolen i Biostatistik):

http://phdbiostat.dk/biostatistik/

---

## Dansk Selskab for Teoretisk Statistik (DSTS)

2-dages møde, efterår 2008

afholdes

11-12. november i Århus

---

Selskabets elektronisk nyhedsliste, E-Meddelelser, og e-mail adresser er for tiden ustabile grundet flytning af server. Kontakt eventuelt bestyrelsen for yderligere oplysninger.

Pbv Marc Andersen

## En forfriskende anderledes indføring i praktisk statistik!

BIRGER STJERNHOLM MADSEN:

# Statistik for ikke-statistikere

*Statistik for ikke-statistikere* giver en kort introduktion til statistik. I bogen er der lagt vægt på at forklare statistikken, så den er til at forstå. Bogen er *ikke* spækket med matematiske formler. Til gengæld er den forsynet med talrige eksempler og forklarer hele tiden, hvad man kan bruge statistikken til.

Der er på mange måder tale om en utraditionel bog, både i emnevalget og fremstillingen:

*Emnevalget* er styret af, at alle emner er nyttige i det praktiske arbejde med statistik. Selv garvede statistikere vil finde nye emner eller i hvert fald nye, utraditionelle vinkler på velkendte emner.

I *fremstillingen* er der lagt vægt på en formulering, der er letforståelig frem for 100 % matematisk stringent. De vigtigste begreber i statistikkens verden bliver forklaret, så "almindelige" mennesker kan forstå det. Dog forudsættes det, at læseren er i stand til at udføre simple beregninger med en lommeregner eller et regneark. Bogen viser derfor også, hvordan man kan lave en lang række statistiske beregninger i Microsoft Excel og det gratis Calc fra Open Office.

Bagest i bogen findes en mængde nyttig information: Litteraturliste, ordliste, liste over statistiske funktioner i regneark, oversigt over statistisk software, nyttige links samt tabeller til opslagsbrug.

**Målgruppe**
*Statistik for ikke-statistikere* er velegnet til selvstudium. Den er skrevet til alle, der indsamler, bearbejder, analyserer og præsenterer data, f.eks. administrative data, økonomiske data eller data fra samfundsvidenskaberne eller naturvidenskaberne. Det kan også være folk, der skal til at planlægge stikprøveundersøgelser, f.eks. kundeundersøgelser.

Bogen er også velegnet til undervisningen på gymnasiet, ungdomsuddannelserne eller som supplement til den indledende undervisning på både korte og lange videregående uddannelser.

**Birger Stjernholm Madsen** er cand. stat. og har været ansat som statistiker ved Carlsberg Forskningscenter, Gallup, Danmarks Statistik og Novo Nordisk samt arbejdet med IT i SAS Institute og Baltica Forsikring. I dag er han seniorstatistiker i Coloplast. Han er en erfaren formidler, bl.a. som ekstern lektor ved Københavns Universitet Økonomisk Institut. Desuden har han bl.a. undervist på kurser i Dansk Magisterforening Efteruddannelse. Bogen udspringer direkte af disse kurser.

Indhold

- Indsamling af data
- Præsentation af data
- Beskrivelse af data
- Normalfordelingen
- Analyse af kvalitative data
- Fejlkilder og planlægning
- Vurdering af sammenhænge
- Sammenligning af grupper.

BIRGER STJERNHOLM-MADSEN:
Statistik for ikke-statistikere
180 s. – 159 kr. · 1. udgave 2008

Forlaget Samfundslitteratur · www.forlagetsl.dk

**Videnskabelig assistent i biostatistik**

Ved Biostatistisk Afdeling, Københavns Universitet er en stilling som projektlønnet videnskabelig assistent i et år, med mulighed for forlængelse, til besættelse snarest.

Arbejdet vedrører forskellige medicinsk-statistiske samarbejdsprojekter, mest i epidemiologi og analyse af overlevelsesdata. Ansøgere skal have baggrund som statistiker, eksempelvis cand.scient. eller evt. cand.polyt.

Projektfinansierede statistikere i Biostatistisk Afdeling har traditionelt gode muligheder for faglig videreudvikling, enten gennem senere ph.d.-studier i Afdelingen eller ved at benytte deres erfaring fra Afdelingen som baggrund for en tilfredsstillende indplacering som biostatistiker i erhvervslivet eller i sektorforskningsinstitutioner.

Ansøgning fremsendes til Professor Niels Keiding, Biostatistisk Afdeling, Københavns Universitet, Øster Farimagsgade 5, opg. B, Postboks 2099, 1014 København K, senest d. 20. juni 2008 kl. 12.00.

Nærmere oplysninger kan gives af Niels Keiding, tlf. 35 32 79 03, e-mail N.Keiding@biostat.ku.dk

Alle interesserede uanset alder, køn, religion eller etnisk tilhørsforhold opfordres til at søge.

Aflønning ifølge overenskomst mellem Finansministeriet og AC. Til videnskabelige assistenter ydes et årligt ikke pensionsgivende tillæg på p.t. kr. 35.887,44.

## Associate/Assistant professor(s) in Statistics

Applications are invited for at least one associate/assistant professor in statistics at DTU Informatics (former IMM - Informatics and Mathematical Modelling) at the Technical University of Denmark (DTU). The positions are open to appointment starting from August 1, 2008.

DTU Informatics is responsible for the teaching of statistics at all levels (BSc, MSc, PhD) at DTU. The successful applicants are expected to be involved not only in the current teaching activities but also in developing new courses and study programmes in statistics. They will also be involved in consultancy and collaborative research. One of the principal goals of the department is to use and develop theoretical results for practical purposes and applicants who have demonstrated the ability to combine the theoretical knowledge with skills for solving industrial and research problems will be preferred.

Research in the Statistics Section of DTU Informatics is focused on engineering statistics covering a broad range of applied and industrially relevant statistical topics, spanning from applied statistical contributions to more theoretically oriented research. The section runs a large number of national and international projects, and has a long tradition for intensive collaboration with industry and other research organisations. We currently have 9 permanent faculty and around 15 post docs and Ph.D. students.

With its close connections to DTU Informatics research groups in intelligent signal processing, image analysis and scientific computing, the section stands as a dynamic and substantial player both locally in the Danish statistics arena and internationally. The section aims at strengthening the connection to the statistics related activities in other departments at DTU and championing the use of high quality statistics within the Public Sector Consultancy activities at DTU. The department already hosts internal and external university consultancy services in statistics.

DTU Informatics conducts teaching and research activities within information processing and computer science with a focus on applications in the engineering sciences. Computerised mathematical models play an increasingly decisive role in the engineering sciences, in industrial production, in planning and economics, and in the health care sector. The DTU Informatics activities are aimed at methodologies enabling us to deal with today's ever increasing quantities of information. Further information about the department is available at www.imm.dtu.dk.

Candidates should have a master's degree in engineering or a similar degree and academic qualifications equivalent to those obtained by holding an assistant professorship (for an associate professorship) or the PhD level (for an assistant professorship).

In the assessment of the candidates consideration will be given to

- scientific production and research potential
- the ability to teach
- the ability to promote and utilize research results
- an all-round experience basis, preferably including international experience



- the ability to contribute to development of the department's internal and external cooperation

Applicants are requested to indicate whether they apply for the position as associate or assistant professor.

Applications, which should be submitted in English, must include a list of publications. Applicants who apply for the post as associate professor should indicate the works, viewed as scientific highlights. Teaching materials and research publications to be considered in the assessment must be enclosed as well.

The salary and appointment terms are negotiated in accordance with the current collective agreement for Danish University faculty members.

Further information may be obtained from Head of Section Per Bruun Brockhoff tel.: +45 45 25 33 65.

All interested candidates irrespective of age, gender, race, religion or ethnic background are requested to apply.

The application with enclosures in triplicate must be received no later than 13 June 2008 at 12.00 noon by

Rector
Technical University of Denmark
Building 101 A
2800 Lyngby
Denmark

*Sidst revideret den 14.04.08 – pbb*

larix

**May 2008**

# Statistician

Larix is a small full service Contract Research Organisation. We have a number of projects with interesting statistical challenges and need a senior or junior statistician to join our team.

We are looking for a person with

- relevant formal statistical education at MSc level or higher
- good communication skills, verbal as well as in writing
- solid experience in programming, preferably SAS
- a team player's spirit
- preferably experience with clinical trials, pharmaceutical projects and similar

You will have close collaboration with the other functions in Larix: Trial management, data management, clinical reporting as well as with the statistical group. There is a good humoured atmosphere in Larix -- so fun while working is important! Focus in your job will be on designing, analysing and reporting clinical trials from early phase pharmacokinetic to late phase confirmatory trials. Depending on your background and qualifications, we will define a junior or senior position. In both cases, you will have direct contact to customers and it is therefore necessary that you are good at communication. Some projects will be solved in-house at the Larix office, while some may be solved as in-house consultant at the customer's location.

We offer a competitive salary with a bonus scheme, a pension scheme, ongoing education and flexibility in the daily working hours. In addition, because this is a small company, you will have a large say in how we develop Larix in the future. Start: Immediate.

Please contact Klaus Juel Olsen +45 61 61 80 11, kjo@larix.dk for more information or visit our homepage www.larix.dk. Please forward your CV by email or standard mail to the below addresses as appropriate.

***NB:** We also seek an experienced SAS programmer – please see the job advert at www.larix.dk*

Larix started as a consultant company in 2002. In the recent years we have expanded, and now operate as a small full service CRO with twelve employees. We expect further expansion during the next year. Our expertise is within trial management, monitoring, statistics, programming, data management and clinical reporting. Our customers are small and large pharma and biotech companies

Address: Tempovej 44, DK-2750 Ballerup, Tel: +45 70 27 22 21, www.larix.dk

cyncron

Vacancies at Cyncron:

## Biostatistician and Senior Biostatistician

Cyncron Biometrics offers the full range of data management, biostatistics and programming services. Our main deliverables lie within statistical analysis and reporting of clinical trials, services for Data Monitoring Committees, and statistical consultancy regarding trial design and related areas. Our highly qualified team of senior statisticians, data managers, and statistical programmers work with full service projects within Cyncron as well as directly with clients and also on more individual assignments.

We have two vacancies for the positions as Biostatistician and Senior Biostatistician, respectively, both of which are excellent opportunities for you to join our Biostatistics team of 5 statisticians. We work in a dynamic and enthusiastic environment in which you will meet interesting challenges every day, and work closely together with colleagues from other departments. We offer a competitive salary with a pension and bonus scheme, ongoing education and flexibility in the planning of daily work.

**Job Profile - Biostatistician**

- Statistical tasks on projects according to international as well as company guidelines and SOP systems.
- Coordinate activities in the department in cooperation with the Head of Statistics.
- SAS programming experience.
- Good knowledge of clinical trial methodology.

**Job Profile – Senior Biostatistician**

- Statistical tasks on projects according to international as well as company guidelines and SOP systems.
- Coordinate activities in the department in cooperation with the Head of Statistics.
- SAS programming experience.
- Good knowledge of clinical trial methodology.
- Client relations, main contact person on specific major projects.
- Project statistician on specific projects.
- Data Monitoring Committee statistician on specific projects.

**Your Profile – both vacancies**

- MSc in Statistics and experience as a statistician in a pharmaceutical or CRO environment.
- Good communication skills with a flair for explaining statistical techniques and results to non-statisticians.
- Ability to work effectively and independently as part of a multi-disciplinary team.
- Fluency in English in speech and in writing.
- A good sense of humour ☺

**Application**

Please send or email your CV and application to Per Settergren Sørensen, Head of Statistics. For further information you are welcome to contact Per Settergren Sørensen on tel. 4567 2254 or e-mail: PSS@cyncron.com. www.cyncron.com

## Klinisk Forskningscenter, Hvidovre Hospital, søger pr. 01.07.08 leder af statistikfunktionen

***Klinisk Forskningscenter på Hvidovre Hospital har til opgave at samle og styrke den kliniske forskning ved hospitalet. Til statistikfunktionen, der er en af Forskningscentrets nøglefunktioner, har vi pr. 1. juli 2008 brug for en ny leder.***

Er du biostatistiker eller lignende med erfaring i statistisk rådgivning/behandling af forskningsresultater - og har du erfaring med klinisk forskning? Har du lyst til at samarbejde med forskere i sundhedsvæsenet? Og kan du rådgive og formidle et vanskeligt stof, så hører vi meget gerne fra dig!

**Vi tilbyder**
Klinisk Forskningscenter er beliggende på et af landets mest forskningsaktive hospitaler og danner med sine ca. 45 medarbejdere og studerende rammen om et spændende tværfagligt og innovativt miljø. Centret kan tilbyde kontakt til Biostatistisk afdeling på Københavns Universitet, der kan fungere som en faglig sparringspartner.

I et tæt fagligt samarbejde med forskningschefen vil din opgave blive at udvikle og udvide den statistiske forskningsfunktion på hospitalet i et miljø med mange videnskabelige grupper og ph.d.-studerende, heriblandt en biostatistisk ph.d.-studerende, ligesom stillingen indeholder en konsulentfunktion for resten af hospitalets forskningsaktive.

Centerets forskning har hovedvægt på undersøgelse af infektion, inflammation og kræft og spænder fra basal laboratorieforskning til klinisk, anvendelig forskning. Endvidere udføres biostatistisk forskning og metodeudvikling,
Centrets forskningsprofil giver dig en unik mulighed for individuel karriereudvikling, fordybelse i egen forskning og at sætte dit præg på et center i vækst. Du er med til at skabe synergi mellem kliniske og statistiske forskningsmetoder. Din deltagelse i konferencer og kurser vægtes højt.

**Stillingsprofil**
Varetagelsen af statistikfunktionen omfatter rådgivning og supervision af forskningsaktive medarbejdere i forbindelse med planlægning og udførelse af statistiske analyser. Du planlægger selvstændigt omfang og behov for vejledning i forsøgsdesign, analyseplan og analysearbejdet.

**Dine arbejdsopgaver**
- Du forestår den generelle statistiske vejledning, der ydes til hospitalets forskere, ved selvstændigt at supervisere og bistå ved analyser af kliniske forskningsprojekter.
- Udover din selvstændige publikationsaktivitet, er du er med i udarbejdelse og sammenfatning af tværfaglige og kliniske publikationer.
- Du bidrager til Centrets videnskabelige diskussioner på et højt fagligt niveau.

**Dine kvalifikationer**
- Kandidatgrad med kompetencer inden for anvendt statistik og statistisk programmering eller anden uddannelse med tilsvarende kvalifikationer, gerne med ph.d.-grad.
- Gode samarbejdsevner
- Du er i stand til at yde tværfaglig formidling til ikke-statistikere, som ønsker at lære mere

Løn forhandles i henhold til principperne om ny løn.

Yderligere oplysninger om stillingen og fuldstændig stillingsbeskrivelse kan fås ved henvendelse til forskningschef Ove Andersen tlf. 3632 3335 eller mail ove.andersen@hvh.regionh.dk.

***Ansøgning og CV stiles til Ove Andersen, Klinisk Forskningscenter, Afsnit 136, Hvidovre Hospital, Kettegård Allé 30, 2650 Hvidovre, i hænde senest d. 23.06.08.***

*Klinisk Forskningscenter (KFC), Region Hovedstaden, Hvidovre Hospital, har til opgave at samle og styrke den kliniske forskning ved hospitalet gennem etablering af et aktivt, tværfagligt forskningsmiljø med gensidig udnyttelse af apparaturpark og andre fysiske faciliteter. KFC tilbyder faciliteter samt hjælp og vejledning til laboratorieforskning og kliniske forsøg. Centret yder desuden generel forskningsvejledning og –facilitering, og er aktivt involveret i planlægning og gennemførelse af uddannelsestilbud. Klinisk Forskningscenter, der blev etableret i 1999, har pt. 45 medarbejdere.*

# Kalender 2008

| Dato | No. | Aktivitet |
|---|---|---|
| 4/6 | 5/08 | Department of Biostatistics, University of Copenhagen<br>F. Sobotka, R. Foraita, I. Pigeot (Bremen Institute for Prevention Research and Social Medicine (BIPS), University of Bremen, Germany): *The uncertainty of graphical models* |
| 12/6 | 5/08 | Thiele Centre, University of Aarhus<br>Richard Gardner (Western Washington University): *Capacities, Surface Area, and Radial Sums* |
| 14-18/6 | 9/07 | Thiele Centre, Sandbjerg Estate, Sønderborg<br>*Conference on Efficient Monte Carlo: From Variance Reduction to Combinatorial Optimization* |
| 16-19/6 | 2/08 | 22nd Nordic Conference on Mathematical Statistics (NORDSTAT), Vilnius |
| 19/6 | 5/08 | Thiele Centre, University of Aarhus<br>Richard Gardner (Western Washington University):<br>*Gaussian Brunn-Minkowski inequalities* |
| 23/6 | 5/08 | Department of Biostatistics, University of Copenhagen<br>Daniel Commenges (University of Bordeaux, France):<br>*A general dynamical statistical model with causal interpretation* |
| 23-27/6 | 5/08 | Technical University of Denmark, Lyngby:<br>*PHD School in Applied Probability with Applications to Finance and Insurance* |
| 4-12/8<br>13-15/8 | 4/08 | BioMedMath 2008 summer school/workshop event, Middelfart<br>Kursuscenter: *Stochastic Differential Equation Models with Applications to the Insulin-Glucose System and Neuronal Modeling* |
| 11-15/8 | 4/08 | Department of Biostatistics, University of Copenhagen<br>*Course: Bayesian data analysis or: Practical Data Analysis with BUGS using R* |
| 16/8 | 5/08 | Danish Graduate School of Biostatistics, University of Copenhagen<br>Miguel Hernan (Harvard School of Public Health): *Modern causal inference focusing on Marginal Structural Models* |
| 17-21/8 | 1/08 | Copenhagen, ISCB: *29th Annual Conference of the International Society for Clinical Biostatistic* |
| 23-27/9 | 5/08 | Copenhagen<br>James Ramsay (McGill University): *Functional Data Workshop* |
| 11-12<br>/11 | 5/08 | DSTS, Århus Universitet: *2-dages møde* |

No.: Nummer af meddelelser hvor arrangement er annonceret.