International Health Economics Association
Inaugural Conference

Quality and Inequality:
What Care, Whose Costs, Whither Health?

MAY 19-23, 1996
Hyatt Regency Hotel,
Vancouver,
British Columbia,
Canada

CO-SPONSORS:
The International Health Economics Association (iHEA)
The Centre for Health Services and Policy Research (CHSPR) at
The University of British Columbia, Vancouver, Canada
Conference Co-Sponsors

CHSPR
The Centre for Health Services and Policy Research is a multidisciplinary research centre based at the University of British Columbia. The activities of the Centre include research in the areas of health policy, health human resources, health care database development, health technology assessment, health economics and population health.

iHEA
iHEA, the International Health Economics Association, exists to increase communication, foster a higher standard of professional debate, transfer information, and promote collegiality among health economists. Membership ($25.00 US) includes the biannual HEAL newsletter listing conferences, training programs, working papers, jobs and affiliated associations; discounted subscriptions to Journal of Health Economics and Health Economics; and a variety of networking opportunities. iHEA presents the annual 'Kenneth J. Arrow Award' for best paper in health economics, and supports a book series; a world directory of health economists; and soon an electronic journal. If you are not already a member, and wish to join, please complete the membership form (included in your registration package, or available at the iHEA display at the conference), and leave it at the registration desk, or send it to:

Thomas Getzen, Ph.D., iHEA Director
Department of Health Administration 006-00
Temple University, Philadelphia, PA, 19122 USA
Tel: (215) 204-6826 Fax: (215) 204-3851

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Thomas Getzen, Temple University
Greg Stoddart, McMaster University

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Steve Kenny, British Columbia Health Industry Development Office
May 18, 1996

Dear Conference Participants and Guests:

It is with pleasure that we welcome you to Vancouver for this, the inaugural, conference of the International Health Economics Association. This event has been over two years in the making; we hope you will be able to look back, a week from now, and feel that it has been a worthwhile conference, and a memorable ‘launch’ for your new Association.

In the pages of this program you will find the details necessary to get you to the right room at the right time during the conference. But if for any reason you are not sure about where to find something, or you simply have other conference-, city-, or tour-related questions, please feel free to seek out one of our conference staff (identified by a black badge), volunteers (identified by an orange badge) or program committee members (identified by a ribbon). If they cannot immediately answer your questions, they will know who can.

We hope you will take a bit of time to explore this beautiful city, and we have deliberately not scheduled conference events every evening so that those who wish to experience the city can do so. There are many superb restaurants, theatres, galleries, movie theatres, souvenir shops, and wonderful sea-side places to stroll, within easy walking distance of the conference hotel. While a bit further afield, Granville Market and Stanley Park are well worth a visit either before or after the conference. If you rent or have a car, the opportunities are virtually limitless.

Have a wonderful visit, and a productive conference.

Your conference organizers:

Morris L. Barer  
University of B.C.  

Thomas Getzen  
Temple University  

Greg L. Stoddart  
McMaster University
Acknowledgements

The conference organizers wish to express their gratitude to the following organizations for their generous support of specific conference events or activities:

**British Columbia Ministry of Health**
- Contributing Sponsor
  - "Distributional Issues" Plenary
- Contributing Sponsor
  - Closing Plenary
- Contributing Sponsor
  - Conference Program and Abstract Book

**Merck Frosst Canada Inc.**
- Contributing Sponsor
  - iHEA Student Paper Competition

**Eli Lilly Canada Inc.**
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  - Opening Plenary

**Astra Pharma Inc.**
- Contributing Sponsor
  - Conference Poster Presentations

**Health Management Resource Group**
- Contributing Sponsor
  - Entertainment for Welcome Reception

We would also like to acknowledge those many individuals who made this event possible, by agreeing to organize conference sessions, run or participate in pre-conference sessions, read student papers, review abstracts, chair sessions, or assist with conference planning activities, conference registration or other on-site activities. Without their significant commitments, this conference would simply not have happened.

**General Information**

**Registration/Information**
The registration desk will be open throughout the conference on the Convention Level of the Hyatt Regency.

- **Hours:**
  - Sunday: 08:00-20:00 hours
  - Monday - Wednesday: 07:00-17:00 hours
  - Thursday: 07:30-14:00 hours

You may pick up your name badge, program and book of abstracts at the registration desk. If you have any questions, please ask any of the conference staff at the conference Registration/Information desk.

**Badges**
Each registered delegate and accompanying person(s) will receive a name badge. Only individuals wearing official badges will be allowed admittance to any of the iHEA functions and sessions, including the Sunday evening reception, luncheons and the conference banquet. Lunches on Monday, Tuesday and Thursday, and the Wednesday evening banquet, are included in the registration fee.

<table>
<thead>
<tr>
<th>Badge Category</th>
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<tr>
<td>Conference Secretariat</td>
<td>Black</td>
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<td>Delegates</td>
<td>Blue</td>
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<td>Speakers</td>
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**Slide Preview Room**
The King George Room has been set aside as a slide preview room. This room will be open for daily use from 0730 - 1700 hours. This room is available to all presenters who wish to organize or preview audio visual materials for use in presentations.

**Posters**
Poster Presentations will be on display in the Regency West Room on the Convention Level throughout the conference, in addition to the dedicated Poster Session, Wednesday, May 22, 10:30-12:00.
ASSOCIATION INAUGURAL CONFERENCE

Table Top Displays
A number of publishers and professional organizations will be exhibiting materials during the conference, in the area adjacent to the Registration Desk.

Smoking
Smoking is not permitted at any of the conference venues.

Messages
There will be a message board located in the area of the Conference Registration/Information Desk. If you are a guest at the Hyatt Hotel, any telephone or fax messages that are sent to you will be available for pick-up at the Hotel Registration Desk located in the lobby of the Hotel. If you wish to have any material faxed to you at the conference, please instruct individuals to use the following fax number: (604) 689-3707. The telephone number for messages will be (604) 683-1234.

Social Program

Welcome Reception
All registered delegates and accompanying person(s) are invited to the Welcome Reception on Sunday, May 19, 1996, 18:00-19:30. Enjoy the panoramic view from the Perspectives Lounge atop the Hyatt Regency Hotel while enjoying light refreshments and the music of the Henry Boudin Jazz Quartet.

Conference Banquet
All registered delegates and accompanying person(s) are invited to the final evening event of the conference, Wednesday, May 22. There will be a cash bar at 18:00, followed by dinner at 18:30 in the Regency Centre.

Optional Conference Event
Harbour Boat Cruise With Traditional Indian Salmon Barbecue Dinner
1830-2200 hours, Tuesday May 21, 1996
Guests enjoy a leisurely 3 hour sundown dinner cruise around the inner Harbour and English Bay. A salmon barbecue buffet dinner will be served featuring Pacific Coast barbecued salmon, salads, vegetables, dessert and coffee/tea. Enjoy the lively sounds of jazz music while admiring the skyline of Vancouver and the North Shore Mountains. A magnificent backdrop for a truly spectacular evening! If you have not already registered, and wish to enjoy this unique experience, please check with the registration desk. Because of the size of the boat, space is limited, and tickets will be sold on a first come, first served, basis. Buses will depart from the Melville Street entrance of the Hyatt Regency at 18:00 hours.

Tours
No scheduled tours for the iHEA conference have been organized. However, there are many tours available, of Vancouver, to Whistler, to Victoria, and beyond. If you wish to take a tour, please contact the tour staff at the conference Information Desk for assistance.

Upon Departure

Airport Improvement Fee (AIF)
Passengers departing Vancouver International Airport are required to purchase an Airport Improvement Fee (AIF) ticket. The fee schedule is $5, $10 or $15 depending on your destination.

Transportation to Vancouver International Airport
An efficient bus shuttle service transports you from most of the major downtown hotels to the airport. Information on departure times and pick-up location can be provided by your hotel bellman, or check with the conference Information Desk.

Federal Goods and Services Tax (GST) Refund
The Goods and Services Tax (GST) is a seven per cent tax charged on most goods and services sold or provided in Canada. As a visitor, you will pay the tax on most of your purchases. Under the Visitor Rebate Program, you may get a refund of the tax you paid on goods you take home and on accommodation in Canada, provided you keep receipts for all such charges and purchases. For more information a brochure will be available on site.
Student Paper Competition

The intent of this competition was to encourage the development and presentation of outstanding health economics papers by graduate students. Papers were submitted to a Student Competition Committee, chaired by Andrew Jones, which reviewed each paper. Authors of the top papers were provided with travel and registration assistance in support of their presenting the papers at the Inaugural jHEA conference.

The Student Competition Committee, and Conference Organizers, extend congratulations to the following paper authors:

1st Prize: Han Bleichrodt
(iMTA, Erasmus University)
"Health Utility Indices and Equity Concerns"
Presentation at Session: Economic Evaluation Methods
Wednesday May 22, 15:30-17:00 in the Balmoral Room

2nd Prize: David Bishai
(Leonard Davis Institute, University of Pennsylvania)
"Quality Time: How Parental Schooling Affects Child Health Through its Interaction With Childcare Time in Bangladesh"
Presentation at Session: Child Health Production
Thursday, May 23, 10:30-12:00 in the Seymour Room

3rd Prize: Michael Farnworth *
(Department of Economics, McMaster University)
"An Equilibrium Model of Waiting Lists for Medical Care"
Presentation at Session: Waiting Lists
Thursday May 23, 10:30-12:00 in the Grouse Room

3rd Prize: Laura Pellisé *
(Universidad Carlos III de Madrid and Universitat Pompeu Fabra)
"Regulating Competition in the Spanish Health Care Sector: Capitation and Risk Selection in MUFACE"
Unable to attend the jHEA Conference

5th Prize: Tony Scott
(HERU, University of Aberdeen)
"Agency, Incentives and Doctor Behaviour: What Do We Want Doctors to Do and How Can We Get Them to Do It?"
Presentation at Session: Physician Decision-Making: Motivations and Incentives, Wednesday May 22, 13:30-15:00 in the Balmoral Room

Honourable Mention:
Claude Schneider-Bunner
(LATEC, Université de Bourgogne)
"Equity in Managed Care"
Presentation at Session: Competitive Health Care Reforms, Wednesday May 22, 15:30-17:00 in the Stanley Room

* tied for 3rd prize

This competition was made possible through the generous support of Merck Frosst Canada Inc.
SCIENTIFIC PROGRAMME

and

Parallel Meetings

SUNDAY, MAY 19

08:00-20:00
Registration

Pre-Conference Sessions
09:30-16:30
Critical Appraisal of Clinical Intervention Literature
Faculty: Sam Sheps, Robin Hanveld
Room: King George

13:30-16:30
Advances in Health Econometrics
Faculty: Willard Manning, Mark McClellan, John Mullahy
Room: Balmoral
The Health Utilities Index and Its Applications
Faculty: George Torrance, William Furlong, David Feeny, Lauren Cuddy
Room: Oxford

Determinants of Health of Populations
Faculty: Clyde Hertzman, Michael Wolfson
Room: Brighton
Risk-Adjustment: The Achilles Heel of Market Oriented Health Care Reform
Faculty: Wynand Van de Ven
Room: Prince of Wales

16:30-18:00
CHERA/ACRES Board Meeting
Room: TBA

18:00-19:30
Opening Reception
Room: Perspectives
MONDAY, MAY 20

07:00-17:00
Registration

08:00-16:00
Posters
Room: Regency West

08:30-09:00
Opening Remarks
Morris Barer
Welcome on Behalf of the Province of British Columbia
Chris Lovelace
Welcome on Behalf of iHEA
Joseph Newhouse
Room: Regency East

09:00-10:00
Plenary
The New Social Contract for Health Care:
Should Economists Write It or Merely Describe It?
Speaker: Uwe Reinhardt
Chair: Thomas Getzen
Room: Regency East

10:00-10:30
Refreshment Break—Regency West
Concurrent Sessions

Addiction and Youths
Chair: Willard Manning  
Room: Plaza East  
Christine Godfrey, Matthew Sutton  
Young People and Heavy Drinking: Economic and Social Influences  
Michael Grossman, Frank Chaloupka, Charles Brown  
An Empirical Analysis of Cocaine Addiction  
Jody Sincelar, John Mullany  
Employment, Alcohol and Single Mothers

Theoretical Foundations of CEA and CUA in Health Care
Chair: J.-M. Graf von der Schulenburg  
Discussant: Amiram Gafni  
Room: Plaza West  
Joan Rovira  
Theoretical Foundations of CEA and CUA in Health Care: Conclusions of a EU Project  
Milton Weinstein, Alan M. Garber, George Torrance  
Welfare Economics as a Theoretical Foundation of Cost-Effectiveness Analysis

Economic Evaluation Methods
Chair: Jeff Richardson  
Room: Oxford  
Clive Pritchard  
QALYs versus HYEs: Another Look at the Standard Gamble  
Walter Ried  
QALYs versus HYEs—What’s Right and What’s Wrong  
Janelle Seymour, Alan Shiel, Sue Cameron  
Can You Count on HYEs?

Economic Burden of Illness
Chair: Peter Zweifel  
Room: Balmoral  
Raymond Hunabassey, Maurits van Tulder, Hinrik Vondeling  
Indirect Costs of Back Pain in the Netherlands: Human Capital or Friction Cost Method?  
Christian Krauth, Reinhard Busse, Friedrich Schwartz  
Indirect Costs of Illness in the Last Year of Life  
Elizabeth Savoca  
Measuring the Effect of Mental Illness on Earnings

Hospital Costing Applications
Chair: James Butler  
Room: Brighton  
Milka Linna  
A Comparative Application of Translog and DEA Methods: The Productive Efficiency of Finnish Hospitals  
Dale McMurtry  
Efficiency Studies in South African Public Sector Hospitals  
Petra Sevil, Terri Jackson  
Medical Costs in DRG-Based Funding Policy: An Evaluation Using Clinical Costing Data—Australian Perspective

Physician Requirements
Chair: TBA  
Room: Kensington  
Jean M. Mitchell, Jack Hadley  
The Effect of Managed Care on Physician Labor Market Behavior  
Jack Reamy  
Physician Resource Management: The New Brunswick Experience  
Ronald Wall, Noralon Roos, David Patton  
Needs Based Planning for Manitoba Physicians

Health Care Reform
Chair: Dov Chernichovsky  
Room: Grouse  
Tamás Angelus  
Health Care Reforms in Hungary  
Maureen Lewis  
Health Reform in Brazil: Lessons of Reform

Pharmaceutical Sector
Chair: Patricia Danzon  
Room: Plaza Centre  
F. Antoñanzas, Joan Rovira, Laura Cabiedes  
The Pharmaceutical Reforms in the Context of the Single European Market  
Jørgen Clausen  
Pharmaceutical Expenditures in OECD Countries—Theoretical Foundations and Empirical Analysis  
Paul Grootendorst, Bernie O’Brien, Geoffrey Anderson  
On Becoming 65 in Ontario: Effects of Drug Plan Eligibility on Utilization of Prescription Medicines
MONDAY, MAY 20

10:30-12:00
Concurrent Sessions

Health Care System Reforms
Chair: Alan Maynard
Room: Stanley
Colleen Flood
Performance and Prospects of New Zealand’s Reformed Health Care System
Peter Hatcher
A Comparative Analysis of New Managed Care Models Resulting from Reform of British National Health Service
Jenny Hughes, Colin Harmon, Joseph Durkan
Health Service Utilisation Pre and Post Reforms

Health Care Financing—International Approaches
Chair: Jacques van der Gaag
Room: Prince of Wales
Kieke Okma
Financial Dilemmas in Health Care Policies in The Netherlands
Allan Maslove
Financing Canadian Health Care: New Roads and Dead Ends

12:00-13:30
Luncheon
Regency Centre

13:30-15:00
Concurrent Sessions

Beyond Health Outcomes (Part 1)
Chair: Gavin Mooney
Room: Plaza West
Jan Abel Olsen
Beyond Health Outcomes: For Which Types of Care Might Which Actors be Willing to Pay?
Mandy Ryan
Using Conjoint Analysis to Go Beyond Health Outcomes: An Application to In Vitro Fertilization
Alan Shiell
The Value of Community

Economic Evaluation Applications (WTP)
Chair: Robert Woodward
Room: Plaza East
Glenn Blonquist, Rich O’Connor
Eliciting Preferences for Asthma Treatments from Asthmatics and Non-Asthmatics
Julie Ratcliffe, Mandy Ryan
Using the Closed Ended Willingness to Pay Technique to Value Alternative Models of Antenatal Care
Marcia Weaver, Michael Chapko, Robert Ndumobiiss
Willingness to Pay: A Comparison of Contingent Valuation and Two-Stage Model Estimates of Health Care Demand

Quality of Life Measurement: Issues and Applications
Chair: George Torrance
Room: Kensington
Jane Hall
Genetic Screening: Problems in Economic Evaluation
Susanne Wählöing, J.-M. Graf von der Schulenburg, Matthias Stoll
Cost and Quality of Life Evaluation of Oral Ganciclovir in Treating CMV Retinitis

Costing Issues and Applications
Chair: Charles Normand
Room: Brighton
Susan Bronskill, Marsha Cohen
Diagnostic D&C: Cost Implications of Patterns of Practice
Franco Sassi
The Opportunity Cost of Shared Resources in Joint Production Processes
Myra Siminovitch, Alan Hochstein
Outpatient Physiotherapy Services: An Economic Interpretation
Marion van der Pol, John Cairns
Economic Analysis of Blood Donor Services in the North of Scotland
**Mondays, May 20**

**13:30-15:00**

**Concurrent Sessions**

**Physician Behaviour**
- **Chair:** Norman Thurston
- **Room:** Oxford
  - Marina Pascale, Morris L. Barer, Robert G. Evans
  - Cost Control and Physician Behaviour in British Columbia, 1979-90
  - Randolph Quaye
  - Doctoring as Business in Sweden
  - Ronald Wall, Noralou Roos, John Horne
  - Payment-Modality and Physician Behaviour in Rural Manitoba

**Effects of Managed Care**
- **Chair:** Michael Morrisey
- **Room:** Balmoral
  - Lawrence Baker
  - Competition in Health Care Markets: Empirical Evidence from the US Medicare Program
  - Patricia Born, Carol Simon, Philip Kletke
  - The Impact of Managed Care on Physician Supply
  - Deborah Freund, Thomas Knieser, Anthony LoSasso
  - A Comparison of Count Data Methods Applied to Medicaid Managed Care with Implications for Health Reform

**Technology and Health Care**
- **Chair:** Bengt Jönsson
- **Room:** Stanley
  - Pedro Barros
  - Technology Levels and Efficiency in Health Care
  - Wija Oortwijn, Hindrik Vondeling
  - Setting Priorities for Health Technology Assessment: The Dutch Discussion
  - Peter Poulsen
  - Economic Models of Innovation in the Field of Medical Technology Development
  - Hindrik Vondeling, David H. Banta
  - Cosmetic or Medically Necessary? Reimbursement of Dye-Laser Treatment of Port Wine Stains and Excimer Laser Treatment of Nearsightedness in the United States and in the Netherlands

**User Fees in Health Care Financing**
- **Chair:** Dov Chernichovsky
- **Room:** Plaza Centre
  - Stefan Felder
  - Cost of Dying: Alternatives to Rationing
  - Marty Makinen, Abdo Yazbeck
  - User Fees: Findings from Ukraine and Kazakhstan
  - Gerald Rosenthal
  - How Free is “Free” Care?

**Health Insurance and Malpractice Insurance, U.S.**
- **Chair:** TBA
- **Room:** Prince of Wales
  - Randall Ellis
  - Health Premium Payment Systems for State Employees
  - Timothy Hylan, Maureen Lage, Michael Treglia
  - Physician Liability Premiums and Statutory Limits to Recovery: An Empirical Assessment
  - Richard Miller
  - Estimating Compensating Differentials for Employer-Provided Health Insurance Benefits

**New Research on Health Policy in the Developing World: Reports from Three Countries**
- **Chair:** Alex Herrin
  - Discussants: Jacques Van der Gaag, Paul Gertler
  - **Room:** Grouse
  - Michael Alba
  - Some Aspects of the Structure of Costs and Production of Philippine Hospitals: Inferences from Translog Variable Cost Function Estimates
  - John Anyanwu
  - Markets for Health Care in Nigeria: A Demand Analysis
  - Gaspard Munishi
  - Response to Privatization of Health Care in Tanzania

**15:00-15:30**

*Refreshment Break—Regency West*
MONDAY, MAY 20

15:30-17:00

Concurrent Sessions

Economic Evaluation Methods

Chair: Alan Williams
Room: Brighton

Christa Claeys, J.-M. Graf von der Schulenburg, Wolfgang Greiner
The German Version of the EuroQol Questionnaire—A Tool for Quality of Life Research in Cost-Utility-Analyses

Julia Fox-Rushby, Melissa Parker
Cross-Cultural Measures of Health-Related Quality of Life: The Ultimate Outcome Measure for Health Economists?

Harri Sintonen
Why To Use the 15D in Economic Evaluation of Health Programs?

Economics Evaluation Applications

Chair: Alan Maynard
Room: Kensington

Philippe Bureau, Pierre van Damme, Eddy van Doorslaer
Cost-Effectiveness Analysis of Hepatitis B in Belgium

Douglas Bradham, Andrea Ebbers, Margaret Dailey
Cost Analysis of Teen Sexual Activity and Pregnancy for a Rural Country

Stirling Bryan, Jacqueline Brown, Ruth Warren
Efficiency in the Delivery of Mammography Screening Programmes: An Empirical Investigation

Comparative Health System Reforms

Chair: Alexander Preker
Room: Prince of Wales

Kenneth Cahill, Kathryn Langwell
Health Sector Reform in Emerging Market Countries: Similar Problems, Different Paths

Amparo Gordillo, Ruben Suarez
Efficiency and Equity of National Health Systems in Latin America: A Comparative Study

Holly Wong
The Policy Process: Achieving Health Sector Reforms

Beyond Health Outcomes (Part 2)

Chair: Robert G. Evans, Gavin Mooney
Room: Plaza West

Jan Abel Olsen, Mandy Ryan, Alan Shiell
Panel Discussion

Economic Stress and Health

Chair: Cameron Mustard
Room: Plaza Centre

Timothy McBrine
Uninsured Spells for the Poor: Impact of Spells on Health and Health Utilization

Roger Robarge, J.M. Berthelot, M.C. Wolfson
Calculating Population Health Status: A Population Health Index

Health Care Reforms in China and Taiwan

Chair: William Hsiao
Room: Oxford

Gerald Bloom, Xing-yuan Gu
The Need for Strategic Analysis of Reform Options: Lessons from China

Chunhuei Chi, Jwo-Lean Lee
An Evaluation of Taiwan’s National Health Insurance’s Impact on Health Care Utilization

Xiao-wan Wang
Overview of the Chinese Workers’ Medical Insurance Reform

International Comparison of Health Care System Performance

Chair: Jean-Pierre Poullicier
Room: Grouse

Pedro Barros
The Black Box of Health Care Expenditure Growth Determinants

David Parkin, Mark Deverill, Dennis O’Mullane
Designing a Health System: A Model of the Production of Dental Care and Dental Health

Joan Rovira, Ian Blasco, Karin de Wildt
Defining a Standard Framework for Describing Health Care Systems from an Economic Perspective

Modelling

Chair: Michael Morrissey
Room: Balmoral

Derek DeLisa
Positive Aspects of Health Insurance Purchase and Maintenance

Neil Rickman, Alistair McGuire
The Optimal Regulation of Physician Effort in a Mixed Market for Health Care

Ed Westerhout, Frank Van Tulder, Kees Fommer
A Model for the Dutch Health Care Sector
MONDAY, MAY 20

15:30-17:00
Concurrent Sessions

**Issues in Costing in Economic Appraisal**

*Chair:* Frans Rutten  
*Discussant:* Evi Hatzianandrea  
*Room:* Stanley  

Michael Drummond  
Issues in the International Transferability of Cost Data

Marc Koopmanschap, L. van Rijten  
Indirect Costs: From Aggregate to Study Specific Estimates

Ben van Hout, J. Al Maasvemn, Eddy van Doorslaer  
Taking Account of Prior Knowledge in the Assessment of Costs Alongside a Clinical Trial

17:00-18:00

Cochrane Collaboration Meeting

*Room:* TBA

17:00-18:30

**Recent Advances in Econometrics**

*Chair:* Andrew Jones  
*Room:* Plaza East

John Mullahy  
Instrumental Variable Estimation of Count Data Models—Applications to Models of Cigarette Smoking Behaviour

Volker Ulrich  
An Econometric Model of the Two-Part Decision Making Process in the Demand for Health Care

TUESDAY, MAY 21

08:00-16:00

**Posters**

*Room:* Regency West

08:30-10:00

**Plenary**

**Equity in the Finance and Delivery of Health Care in Europe and the U.S.: Preliminary Results from an International Comparison**

*Speaker:* Adam Wagstaff, Eddy van Doorslaer  
*Chair:* Andrew Jones  
*Room:* Regency East

**Conceptual Issues Concerning the Equity/Efficiency Trade-Off**

*Speaker:* Alan Williams  
*Chair:* Andrew Jones  
*Room:* Regency East

10:00-10:30

Refreshment Break—Regency West
TUESDAY, MAY 21

10:30-12:00

Concurrent Sessions

Hospital Productivity and Quality of Care

Chair: Pierre-Jean Lancrey  
Room: Seymour  
Measuring and Explaining Efficiency in French Hospitals with Quality Assessments (Part 1)

Stephane Jacobzone, Y. Merlier  
Measuring and Explaining Efficiency in French Hospitals with Quality Assessments (Part 2)

J.F. Burgess, P.W. Wilson  
Impact of Measuring Quality of Care of Malmquist Decompositions of Hospital Productivity Changes

P. Roos  
Index Approaches for the Measurement of Hospital Productivity, Efficiency and Quality

Reconsidering the Theoretical Foundations of Health Economics

Chair: Anthony Culyer  
Discussant: Uwe Reinhardt  
Room: Gourse  
Jeremiah Hurley  
Welfarist and Extra-Welfarist Approaches to Evaluative Economic Analysis in the Health Sector

Gavin Mooney  
A Communitarian Critique of Health Economics

Thomas Rice  
The Desirability of Market-Based Health Reforms: A Reconsideration of Economic Theory

The Economic Impacts of Government Policies on Women’s Reproductive Choices

Chair: Deborah Haas-Wilson  
Discussant: Robert Ohlsfeldt  
Room: Balmoral  
Deborah Haas-Wilson  
Women’s Reproductive Choices: The Impact of Federal and State Reproductive Policies

Catherine Jackson, Jacob Klerman  
Welfare and American Fertility

David Ribar, Stephen Matthews  
The Effects of Economic Conditions and Access to Reproductive Health Services on State Abortion and Birth Rates

Economic Evaluation Applications

Chair: Bill Furlong  
Room: Brighton  
Herman Ador, Hendrik Vondeling  
Confidence Intervals for Cost-Effectiveness Ratios: The Case of a RCT Comparing Epidural and Intramuscular Pain Treatment

Maria do Rosário Giraldes, Maria de Fátima Geada  
Economic Evaluation of Prevention of Diabetic Nephropathy in Portugal

Sandra Vick, John Cairns  
An Economic Evaluation of Antenatal Anti-D Prophylaxis in Scotland

Economic Evaluation Methods

Chair: Glenn Blomquist  
Room: Kensington  
Han Bleichrodt, Magnus Johanneson  
Experimental Results on the Ranking Properties of QALYs

James Butler  
Measuring Preferences Over Health State: QALYs and Willingness-to-Pay

Pekka Rissonen, Seppo Aro  
Production of HRQOL in Hip and Knee Replacements

Comparative Economic Strategy in Reforming Health Care for Low Income Populations

Chair: Dean Jamison  
Discussant: Jacques Van der Gaag  
Room: Prince of Wales  
Max Price  
Should National Health Insurance Fund Primary or Hospital Care? Health Financing Reform Strategies in Post Apartheid South Africa

Yuanli Liu  
Is Community Financing Necessary and Feasible for Rural China?

Gaspard Munishi  
TBA

HMOs: Performance and Effects

Chair: Willard Manning  
Room: Plaza West  
Patricia Born  
Profit Status and the Operating Performance of Health Maintenance Organizations

Jean Mitchell, Jack Hadley  
The Effect of Economic and Other Nonclinical Factors on Treatment Choice for Breast Cancer
TUESDAY, MAY 21

10:30-12:00
Concurrent Sessions

Health Insurance—International Experience
Chair: Randall Ellis
Room: Cypress
Frederik Schuit, René van Vliet
Premium Elasticities of Health Insurer Choice
Carlos Antonio Tan, Orville Solon, Paul Gertler
Estimating the Welfare Effects of Insurance Coverage
Norman Thurston
A Normative Approach to Evaluating the Decline in Employment-Based Health Insurance

Work and Health
Chair: Clyde Hertzman
Room: Oxford
Stan Finkelstein, Ernst Berndt
Occupation-Illness Mapping
Paul Greenberg, Ernst Berndt, Stan Finkelstein
Objective Evidence of the Effects of Health Status on Worker Productivity
Winfried Pohlmeier, Sikandar Siddiqui
The Impact of Health on Retirement Behaviour: Empirical Evidence from West Germany

12:00-13:30
Luncheon
Regency Centre

Arrow Award Presentation
Chair: Richard J. Arnould
Presentation of Award: Mark Pauly
Award Recipients: Martin Gaynor, Paul Gertler
"Moral Hazard and Risk Spreading in Partnerships"
RAND Journal of Economics, Vol. 26

13:30-15:00
Concurrent Sessions

Risk Adjustment: Part 1: The State of the Art
Chair: Wynand Van de Ven
Discussants: Mark Hornbrook, Peter Zweifel
Room: Plaza West
Joseph Newhouse
Reimbursing Health Plans and Health Providers: Selection versus Efficiency in Production

Access to Care
Chair: J.-Matthias Graf von der Schulenburg
Room: Prince of Wales
Nancy Breen
Race, Class and Access to Breast Cancer Care
Anupama Ramabhadran
Problem of Urban-Rural Inequity in Access to Health Care in the US

Economic Evaluation Applications
Chair: Douglas Bradham
Room: Brighton
Urpo Kiusinen
Economic Evaluation of Health Promotion Activities: Incorporating Epidemiologic and Economic Perspectives
Bupendra Makan, Max Bachmann, Dale McMurchy
An Economic Evaluation of Community Health Worker (CHW) Programmes in the Western Cape Provinces in South Africa
Jacqueline Roberts, Gina Browne, Carolyn Byrne
Lessons From Studies Examining Community Approaches to Care: More Effective and Less Expensive
Marion Haas, Jane Hall, Rosalie Viney
Applying Economic Evaluation to Health Care Reform
Distributional Considerations in Health Care Financing—International Experience

Chair: Pedro Barros
Room: Oxford

David Mayston
Disadvantaged Populations and the Distribution of Health Care Financing

Diane McIntyre, Gerald Bloom
Inequities in Health Care Financing and Expenditure in South Africa

Abdo Yazbeck, John Langenbrunner
Who is Paying for Health Care in Kazakhstan? Results from a Household Survey in South Kazakhstan


Chair: George Torrance
Room: Plaza Centre

Joseph Lipscomb
Time Preference and Discounting

Bryan Luce
Measurement of Costs

Willard Manning
Uncertainty, Sensitivity Analysis and Statistical Analysis

George Torrance
Measurement of Outcomes

Milton Weinstein
Components Belonging in the Numerator and the Denominator of a Cost-Effectiveness Ratio

Hospital Efficiency and Financing

Chair: Gerald Rosenthal
Room: Kensington

Evilatza Dalman-Matarrodona, Jaume Puig-Junoy
Market Structure and Hospital Efficiency: An Evaluation of the Potential Effects of De-Regulation in a National Health Service

Philip Jacobs, Judith Lave, Kyung Bay
The Economic Impact of Case Mix Funding in Canada

Elena Sanchez-Ruano, David Vivas
Efficiency and Quality Measurement in Hospital Acute Units: A Multi-Criteria Model

Technology, Research and the Policy Process

Chair: Steve Fox
Room: Balmoral

Stephen Lewis, Catherine Fooks
Great Product, Few Sales: Strategies for Marketing Research

Hanna Valtonen, Pirjo Koivukangas
Welfare Cluster—A New Conceptualization of Relations in the Health Field

Pricing in Health Care Markets

Chair: Jean-Pierre Poullier
Room: Seymour

Luke Connelly, Darrel Doessel
The Effect of Producer Concentration on the Prices of General Practitioner Services: Theory and Australian Evidence

Patricia Dunzon
Pharmaceutical Price Inflation: A Cross-National Comparison

John Brooks, Avi Dor, Herbert Wong
The Hospital-Insurer Interaction as a Bargaining Process: An Empirical Investigation of Appendectomy Pricing

Quality of Life and Utility

Chair: Ariel Beresniak
Discussant: Marie-Odile Carrere
Room: Cypress

G. Duru, M.O. Carrere, A. Beresniak, et al.
Multi-Attribute Utility Theory: Validation Methods and Studies

L. Eekhoudt
Multidimensional Utility, Multiple Risks and the Health Risk Premiums

S. Haddad, D. Reinhart, A. Beresniak, et al.
The Development and Evaluation of an Analytical Grill for Measuring Quality of Life and Social Preferences

Y. Yfantopoulos, N. Nicoloyannis, A. Beresniak, et al.
The Construction of a Cardinal Utility Based on Profiles Obtained in a Quality of Life Questionnaire—Applied to SF36
TUESDAY, MAY 21

13:30-15:00

Concurrent Sessions

Economic Appraisal in Developing Countries

Chair: Julia Fox-Rushby
Discussant: John Hutton
Room: Grouse

Moses Akins, J. Fox-Rushby, A. Mills
Cost-Effectiveness Analysis of the Gambian National Impregnated Mosquito Net Programme

David B. Evans
Research and Development Priorities and Cost-Effectiveness Analysis: An Application to Vaccine Development

Joses Kirigia

Physician Behaviour

Chair: Martin Gaynor
Room: Plaza East

David Dranove, Carol Simon, William White
Physician Earning Under Managed Care

Christopher Ferrall, Allan Gregory, William Tholl
Endogenous Work Hours and Practice Patterns of Canadian Physicians

Tami Mark, Martin Gaynor
Contracting with Health Plans and Physician Practice Patterns

Sherwin Rosen, Thomas Tenerelli
The Market for Physicians

15:00-15:30

Refreshment Break—Regency West

15:30-17:00

Concurrent Sessions

Risk Adjustment: Part 2: New Empirical and Theoretical Studies

Chair: Wynand Van de Ven
Room: Plaza West

Risk Adjustment of Mental Health and Substance Abuse Payments

Leida M. Lamers
The Predictive Accuracy of Risk-Adjusted Capitation Payments Based on Diagnostic Information: An Empirical Evaluation Using Both Claims and Health Survey Data

Thomas McGuire, Jacob Glazer
Optimal Risk Adjustment of Health Insurance Premiums for Managed Care

Economic Burden of Illness

Chair: Charles Normand
Room: Brighton

Nicholas Graves, Rosalind Plowman, Jennifer Roberts
How Can Information on the Extent and Distribution of the Economic Burdens of Nosocomial Infections Assist Purchasers and Providers of Health Care to Realise Their Objectives?

Rosanna Torricone, Giovanni Fattore
The Economic Burden of Major Depression

Health Care Reform—Eastern Europe and Former Soviet Union

Chair: Alexander Preker
Room: Oxford

Dov Chernichovsky
Inequality of Health Finance, Resources and Mortality in Russia: Potential Implications for Health and Medical Care

Martyn Makinen, Alexander Telyukov
The Fund Flow Analysis for Mandatory Health Insurance: The Case of Issyk-Kul Oblast, Kyrgyzstan

Regionalization and Redistribution: International Experiences

Chair: Anne Mills
Room: Prince of Wales

Peter Bundred, Peter Todd
The Economics and Equitable Distribution of Cardiac Interventions in the British Health Service: How One Health District Approached These Problems

Joseph Caputo
Decentralization, Efficiency and the Public Choice Aspect of Local Health Expenditures in the Philippines

Jane Doherty, Alex van den Heever
Territorial Justice in South Africa: The Role of a Formula
TUESDAY, MAY 21

15:30-17:00

Concurrent Sessions

Physician Decision-Making

Chair: David Feeny
Room: Kensington

William Johnson, Marjorie Baldwin, Antonio Campos
Physician Career Decisions: The Pathways to Practice

Raymond Pong, Karthikeyan Nagarajan
Equal Access?: A Comparative Study of Rural Physician Recruitment Strategies Among Canadian Provinces

Douglas Bunn
The Referral Decision: Is Quality of Care Being Compromised?

Evaluations of U.S. Health Care Policies

Chair: Anthony T. LoSasso
Room: Grouse

Patricia Bunn, Sara Thran
The Impact of CLIA-88 on Physician Office Laboratories

Gestur Davidson, Shawn Welch, George Hoffman
The Impact of Subsidized Health Insurance on Welfare

Sally Stearns, Thomas Mroz
Patterns of Care and Effects of Case Management for Persons with Chronic Diseases

Determining Values for Economic Evaluation: The Use of the Person Trade-Off

Chair: Alan Williams
Room: Cypress

Erik Nord
Why Measure with the Person Trade-Off?

Jan Abel Olsen
Applying the PTO to Derive Equity Weights: The Case of Remaining Life Years

Jose-Luis Pinto
The Validity of the Person Trade-Off Technique as a Measure of Social Value

Jeff Richardson, Erik Nord
Personal Versus Impersonal Perspective: A Comparison of Four Instruments

Internal Markets

Chair: Stuart Altman
Room: Plaza East

Toni Ashton
Contracting for Health Services in New Zealand: Early Experiences

Bengt Jönsson, Claes Rehnberg
Internal Markets in the Swedish Health Care System

Alan Maynard, Karen Bloor
Health Care Reform in the UK National Health Service

Equity Implications of Health Care Reforms

Chair: Eddy van Doorslaer
Room: Stanley

Michael Gerfin, Robert E. Leu
Changing Inequity in the Finance and Delivery of Health Care in Switzerland During the 1980s

Jan Klavus, Unto Häkkinen
Micro-Level Analysis of Distributional Changes in Health Care Financing

Hattem van der Burg, Eddy van Doorslaer, René van Vliet
Distributional Consequences of Proportional Copayments: An Analysis of Their Proposed Introduction in the Dutch Public Health Insurance

Adam Wagstaff, Eddy van Doorslaer
Equity and Health Care Reform: Reforms to Date and Their Likely Equity Consequence

Guidelines Standards for Economic Evaluation

Chair: Michael Drummond
Room: Seymour

Tom Jefferson, Michael Drummond
Guidelines for Peer Review of Economic Submissions to Medical Journals

Jean-François Baladi, Nick Otten, Devidas Menon
Guidelines and Pharmacoeconomic Studies: The First Year’s Experience in Canada

Bryan Luce
Existing Guidelines and Standards: Areas of Consensus and Debate

Joan Rovira
Harmonization of Guidelines: The European Approach

National Health Accounts

Chair: Thomas Getzen
Discussant: Charlotte Leighton
Room: Plaza Centre

Peter Berman
National Health Accounts in Developing Countries: Appropriate Methods and Recent Applications

Alejandro Herrin, Orville Salon, Rachel Racles
The Philippine National Health Accounts: Lessons Learned

William McGreevey
The Development of National Health Accounts in the People’s Republic of China

Jean-Pierre Poitier
The Development of Methods and Standards for International Comparative Health Expenditure Statistics

Daniel Waldo
TBA
WEDNESDAY, MAY 22

08:00-16:00

Posters

Room: Regency West

08:30-10:00

Concurrent Sessions

Issues in Resource Allocation

Chair: Eddy van Doorslaer
Room: Prince of Wales
Joanna Coast, Richard Smith
Implicit Rationing: Utility of Ignorance
Brian Ferguson, Russell Manning, Kirsteen Smith
The Nature of the Commodity “Social Care” and its
Efficient Allocation
Sujha Subramanian
How Homogeneous is the Distribution of New AIDS Cases
in Tanzania?

Economic Evaluation Applications

Chair: Karatholuvu Nagarajan
Room: Balmoral
Tami Axcell, Wendy Young
Cost Savings Resulting from a Shift from Inpatient to
Outpatient Service for Same Day Surgery
Qing Chen, Robert Kane
The Cost Effectiveness of Institutional Post-Hospital Care
for Medicare Beneficiaries with Stroke and Hip Fractures
Joyce Huber, Margo Rosenbach, Mary Lawrence Cavthon
Prenatal Substance Abuse Treatment and Infant Medical
Costs in a Medicaid Population
Mingliang Zhong, Kathryn Rost, John Fortney
The Economic Utilization Analysis of Government Health
Expenditure in 114 Poor Rural Counties of China

Economic Evaluation Methods

Chair: Robert Woodward
Room: Seymour
Andrew Briggs, Bernie O’Brien
A Portfolio Approach to Cost-Effectiveness League Tables
Douglas Coyle, Michael Drummond
Analysing Differences in the Costs of Treatment Across
Centres Within Economic Evaluations
Dorte Gyrd-Hansen, Jes Sogaard
Discounting Life-Years: Whither Time Preference

Physician Service Use and Expenditures

Chair: David Kindig
Room: Cypress
Sajal Chattopadhyay
Utilization of Physicians’ Services in the United States:
1960-1993
Vivian Hamilton, Barton Hamilton, Harry J. Paarsch
Access, Utilization and Equity in Canada and the US: An
Empirical Model of Physician Visits
Jeffrey Stoddard, Bradley Gray, David Kindig
Specialists and US Health Expenditures

Demand/Choice of Provider

Chair: David Bunting
Room: Grouse
John Fortney, Kathryn Rost, Mingliang Zhong
Modelling the Decision to Seek Treatment for Depression
and Choice of Provider Sector
David Hatchkiss
The Tradeoff Between Price and Quality: An Empirical
Analysis of the Demand for Obstetric Care in Cebu,
Philippines
Winnie Yip, Peter Berman
Quality as a Determinant in Patients’ Choice of Provider in
Egypt

Incentives and Organizational Behaviour

Chair: Timothy Hylan
Room: Oxford
V.K. Chetty
Value of Life in a General Equilibrium Model with
Strategic Behaviour
Ravinder Dhawan
Encouraging HMO Use—A Multi Sector Analysis
Rajiv Sharma
Cost Incentives in Health Care
WEDNESDAY, MAY 22

08:30-10:00

Concurrent Sessions

Health System Reforms in Former Socialist Economies

Chair: Dov Chernichovsky
Discussant: James Rice
Room: Regency East

Antonio Campos, Richard Salzman
Health Reform in Western Former Soviet Union: Foreseeing the Outcome and Neglecting the Process

Dov Chernichovsky, Tatiana Kirsanova, Elena Potapchik
Basic Financial and Administrative Mechanisms Necessary to Achieve Health System Reform Under the Russian Health Insurance Legislation

William McGeeveey
Chinese Puzzles

Alexander Preker
The Transition and the Health Sector: Trends in Health Services and Health Care Financing in Central and Eastern Europe During the 1990s

Social Exclusion and Access to Health Care

Chair: Pierre-Jean Lancry
Discussant: Lise Rochaix
Room: TBA

Marie-Christine Closon
How to Avoid a Risk of Social Exclusion in a Hospital Prospective Payment System

Jacob Feldman, Diane M. Makuc
Socioeconomic Differentials in Heart Disease Services and Survival

Lise Rochaix, Andree Mizrahi, Ari Mizrahi
Effects of Health Insurance Coverage on Access to Care

10:00-10:30

Refreshment Break—Regency West

10:30-12:00

Poster Session

See Abstract Book for List of Poster Presentations
Room: Regency West

13:30-15:00

Concurrent Sessions

The Economic Impacts of Proposed Medicare Reforms

Chair: James Rodgers
Discussant: Robert Helms
Room: Cypress

Allen Dobson
The Financial Future of the American Hospital Industry

Kurt Gillis
The Impacts of Medicare Payment Reforms on Physicians

Jack Rodgers
Distributional Analysis of Medicare Reforms

Physician Decision-Making: Motivations and Incentives

Chair: Albert Okunade
Room: Balmoral

Ivar Sonbo Kristiansen
Understanding the Motivation of Doctors: A Review of Economic Modelling of Doctors’ Behaviour

Anthony Scott
Agency, Incentives and Doctor Behaviour: What Do We Want Doctors to Do and How Do We Get Them to Do It?

Norman Thurston
Physician Behavioral Responses to Variations in Marginal Income Tax Rates: Longitudinal Evidence
Determinants of Risk

Chair: Konstantin Beck
Room: Plaza West
Mark Hornbrook
Ambulatory Dispensed Drugs as Predictors of Medical Risk
Marielle Lona, Paul Kestens, Jean-Mar Laasman
Belgium: A Long Way to the Reforms

Income and Health

Chair: Cameron Mustard
Room: Stanley
Terkel Christensen
Socio-Economic Inequalities in Health: Results from Two Danish Surveys
Gun Sundberg, Ulf-G. Gerdtliam
Measuring Income-Related Health Inequalities in Sweden
Thomas Wan, Charles Shasky, George Wan
Racial and Socioeconomic Disparities in Health Status and Health Services Use

Health Human Resources

Chair: Ronald Wall
Room: Prince of Wales
Bupendra Makan, Max Bachmann, Dale McMurchy
Health Care Human Resources: The Issue of Differential Salaries and Options for Parity
Dennis Shea, Bruce Stuart
Rural Physician Use and Measures of Physician Availability

Approaches to Distributing Treatment Capacity

Chair: Michael Farnworth
Room: Oxford
Paul Bumbulian, Scott Rowand
Pushing the Boundaries of Health Care: The Journey Upstream
Peter Todd, Peter Bundred, Helen Forbes
Modelling the Consequences of Service Development Within the UK “Internal” Health Market
Jerry Vila
Hospital Referral System: A Tool for Equitable Distribution of Health Care Resources

Hospital Costs, Quality and Reimbursement

Chair: Jack Boan
Room: Grouse
Reiner Hellbrück
Quality Assurance in Germany and Resource Allocation
Katrien Kesteloot, Natalie Voet
Incentives for Cooperation in Quality Improvement Among Hospitals—Impact of the Reimbursement System
Neil Soderlund, Alastair Gray, James Rafferty
The Impact of the British NHS Reforms on Hospital Costs—An Analysis of the First 3 Years

Economic Evaluation: Applications

Chair: Anne Mills
Room: Seymour
Dyna Carol Arhin
Health Insurance Demand in Ghana: A Contingent Valuation
Frank Sloan, Kip Viscusi, Harrell Chesson, et al.
Alternative Approaches to Valuing Intangible Loss From Multiple Sclerosis

Economic Analysis of China’s Health Care

Chair: Teh-Wei Hu
Discussant: Shan Cretin
Room: Plaza East
Xingzhu Liu, Ningshan Chen, Shuhan Dong
Estimation of Unit Cost of Medical Services
Yuanli Liu, Winnie Yip, Wei Ying
Investigating Efficiency in Health Care for China’s Rural Poor: A Stochastic Frontier Approach
Hong Wang, Winnie Yip
Analysis of Demand in Poor Rural China: Implications for Financing and Organizing Health Care
Winnie Yip, William Hsiao
Urban Health Finance Reform in China

Economic Evaluation Applications

Chair: Frans Rutten
Room: Brighton
Phil Shuckley, John Cairns
Using Decision Analysis to Value the Benefits of Antenatal Screening
Saradha Suresh
Cost Effectiveness of Two Regimens of Treatment for Pulmonary Tuberculosis in the Community
WEDNESDAY, MAY 22

15:00-15:30
Refreshment Break—Regency West

15:30-17:00
Concurrent Sessions

Economic Evaluation Methods
- **Chair:** Pierre-Jean Lancy
- **Room:** Balmoral
  - **Han Bleichrodt**
    - Health Utility Indices and Equity Considerations
  - **Han Bleichrodt, Magnus Johannesson, Peter Wakker**
    - Characterizing QALYs By Means of Risk Neutrality
  - **Paul Dolan, Angela Robinson**
    - The Allocation of Benefits in Health Care: Does Equity Matter?

Approaches to Risk Adjustment
- **Chair:** Peter Zweifel
- **Room:** Seymour
  - **Konstantin Beck, Peter Zweifel**
    - Cream-Skimming in Deregulated Social Health Insurance: Evidence from Switzerland
  - **Emmett Keeler, Grace Carter, Joseph Newhouse**
    - A Model of the Impact of Reimbursement Schemes on Health Plan Choices
  - **Erik Van Barneveld, Leida Lamers, René Van Vliet**
    - Mandatory Pooling Arrangements as a Supplement to Capitation Payments for Competing Health Insurers
  - **Wynand Van de Ven, Erik Van Barneveld, Frederik Schuit**
    - Risk-Adjustment: A Necessary Complement to Open Enrollment and Rate-Banding in a Competitive Health Insurance Market

Competitive Health Care Reforms
- **Chair:** Peter Hatcher
- **Room:** Stanley
  - **Robert Leu, Jürg Sommer**
    - Competitive Reforms in Health Care: The Case of Switzerland
  - **Claude Schneider-Brunner**
    - Equity in Managed Competition

Patient Decision-Making
- **Chair:** Winnie Yip
- **Room:** Plaza West
  - **Raisa Deber, Nancy Kraetschmer**
    - Patient or Consumer? What Role do Sick People Wish to Play in Making Treatment Decisions?
  - **Ulrika Enemark**
    - The Role of Regret in Medical Decision-Making

Economics of Pharmaceuticals
- **Chair:** Aslam Anis
- **Room:** Plaza Centre
  - **Joanna Coast, Richard Smith, Michael Millar**
    - Resistance: The Opportunity Cost of Antibiotic Treatment
  - **Marisa Domino**
    - The Role of Prices in the Demand for Pharmaceuticals
  - **Christine Hutton, Jerry Avorn**
    - Drug Expenditures for Hypertension: An Empirical Test of a Disease-Economic Model in a French Population
  - **Naoki Ikeyama, Hiroki Kawai, Seiritsu Ogiwa**
    - The Paradox of Decreasing Prices and Increasing Costs for Drugs in Japan

Age and the Use of Health Care
- **Chair:** Sikandar Siddiqui
- **Room:** Cypress
  - **Dorota Girard**
    - Time Profiles of Medical Consumption of Elderly
  - **Volker Ulrich, Manfred Erbsland, Walter Ried**
    - The Impact of Double Aging on Health Care Expenditure and the Contribution Rate: Simulation Results for the German Statutory Health Insurance

Issues in U.S. Hospital Financing
- **Chair:** Norman Thurston
- **Room:** Brighton
  - **Billie Ann Brotman, Morris Roberts**
    - Charity Care Funded by Georgia Hospitals
  - **Cyril Chang**
    - Uncompensated Hospital Care Before and After TennCare

Nursing Home Economics
- **Chair:** Jack Boan
- **Room:** Grouse
  - **Craig Copeland, Richard Arnould, Lawrence DeBrock**
    - Excess Capacity and Equilibrium Quality Choice in Nursing Homes
  - **Laura Miller, Sabrina Su, Ronald Ozminkowski**
    - Fair Rental Systems and the Asset Value of Nursing Homes

Approaches to Health Care Reform in Transition Economies
- **Chair:** Alexander Preker
- **Room:** Plaza East
  - **Dov Chernichovsky, William Hsiao, Alexander Preker**
    - Panel Discussion
WEDNESDAY, MAY 22

18:00
Cash Bar

18:30
Conference Banquet
Regency Centre

THURSDAY, MAY 23

08:00-16:00
Posters
Room: Regency West

08:30-10:00
Concurrent Sessions

Economic Evaluation Applications
Chair: Frans Rutten
Room: Balmoral
Eddy Adang, Cor Baeten, Gerard Engel
Cost-Effectiveness of Dynamic Graciloplasty in The Netherlands
Marjorie Baldwin, William Johnson
The Relative Cost Effectiveness of Chiropractic and Physician Care in the Treatment of Back Pain
Nobuo Koizuma
Cost-Benefit Analysis of Stomach-Cancer Treatment

Economic Evaluation Methods
Chair: Frank Sloan
Room: Cypress
Han Blichrodt
Explaining the Disparity Between Extreme and Assorted Gambles
Philip Clarke
Cost Benefit Analysis of Mammographic Screening: A Travel Cost Approach
Robert Woodward, Larry Kwols, Mark Schnitzler
Reduced Uncertainty as a Benefit in the Cost-Effectiveness of Diagnostic Procedures: Detecting Carcinoid Tumors

Hospital Costing Applications
Chair: Franco Sassi
Room: Grouse
Peter Coyte, Wendy Young
Estimated Hospital Costs for Patients Receiving Home Care Following Joint Replacements
Keith Tolley, Marlene Gyldmark, Max Good
Cost Standardisation, Diagnosis Related Groups and the Financing of HIV/AIDS Hospital Care Within the European Nation
Wendy Young, Marsha Cohen
Costs for Hospitals for Hysterectomies Vary by Surgical Approach

Changing Drug Prescribing Behaviour
Chair: Aslam Anis
Room: Seymour
Patricia Danzon
Reference Pricing and Physician Drug Budgets: Lessons from Germany
James Wright, Carl Whiteside, Malcolm Maclure
Impact of Educational Interventions on Drug Prescribing
THURSDAY, MAY 23

08:30-10:00

Concurrent Sessions

Effects of Fee Schedule Reform
Chair: David Kindig
Room: Kensington
Niccie McKay, Fred Dorner
Volume Effects of a Change in the Texas Medicaid Fee Schedule
Albert Okunade, Ann Patterson
Medicare Physician-Payment Reform and the Utilization of Cardiovascular Procedures
J.M. Porter, Peter Coyte, Jan Barnsley
The Effects of Fee Item Restructuring on Dental Utilization

Economic Issues in Breast Screening
Chair: Jane Hall
Room: Stanley
Martin Brown
Direct and Induced Costs of Mammography: An International Perspective
Karen Gerard, Kathy Johnston, Alison Morton
From Trial to Policy: Evaluation of Options for the UK Breast Screening Programme
Tamara Stoner, Bryan Dowd
Do Vouchers Reduce Financial Barriers to Mammography?

Changes in Patterns of Health Care Use in Finland
Chair: Harri Sintonen
Room: Prince of Wales
Unto Hämäkinen, Gunnar Rosenqvist, Seppo Aro
Economic Recession and the Use of Physician Services
Kalevi Luoma, Maijo-Lisa Järviö, Ilpo Suoniemi
Financial Incentives and Productivity Change in Finnish Health Centres, 1989-1993

Diverse Economic Strategies in Reforming the Health Sector
Chair: TBA
Room: Brighton
Tung-Liang Chiang
Recent Health Care Reform in Taiwan: Searching for an Efficient and Socially Affordable Universal Health Insurance Program
William Hsiao
Can Medical Savings Accounts Contain Cost Inflation—The Singaporean Experience
Juan Luis Londoño
Managed Competition in the Tropics?

The Organization of Medical Practice in the Brave New World of Managed Care
Chair: Richard Hirth
Room: Oxford
Jose Escarce
Economies of Scale in Physician Practice
Martin Gaynor, James Rebitzer
Rational Incentives for a Not Quite Rational World: Group Norms and Optimal Pay Systems in Physician Groups
Frank Mathewson, Carol Simon
An Empirical Analysis of Buying Groups in Medicine

10:00-10:30
Refreshment Break—Regency West
Concurrent Sessions

Economic Evaluation Methods
- **Chair:** Han Bleichrodt
- **Room:** Balmoral

**Lieven Annemans**
Combining Willingness to Pay of Individuals and Private/Public Payers to Estimate Optimal Price and Reimbursement Ranges for New Drug Therapies

**Stefan Felder, Markus Meier**
Demand for Health Care Services in the Last Years of Life

**Walter Ried**
Willingness to Pay, Cost of Illness, and the Human Capital Approach in Health Care—A Comparative Study for Pure Morbidity Effects

Income and Health Care Use—International Experience
- **Chair:** Thomas Getzen
- **Room:** Cypress

**Xing-Yuan Gu, Sheng-Lan Tang**
Equity of Utilization of Health Services in China

**Cameron Mustard, Marian Shanahan**
Consumption of Insured Health Care Services in Relation to Household Income in a Canadian Province

**Kailas Sarap**
Factors Affecting Access to Health Care: An Analysis Based on Primary Data from Two Villages in Orissa, India

Smoking Behaviour
- **Chair:** Naoki Ikegami
- **Room:** Kensington

**Davie Buck, Matt Sutton**
An Economic Model of Variations in Smoking Behaviour

**Sandra Decker, Amy Schwartz**
Cigarettes, Alcohol and Taxation: Complementarities in Consumption

**Heidi Salo, Markku Pekurinen**
Rational Addiction and the Demand for Cigarettes in Finland: An Empirical Analysis

Waiting Lists
- **Chair:** Andrew Jones
- **Room:** Grouse

**Michael Farnworth**
An Equilibrium Model of Waiting Lists

**Barton Hamilton, Vivian Hamilton, Dona Goldman**
Queuing for Surgery: Is the US or Canada Worse Off?

**Ronald Ozminkowski, Andrea Hassol, Alan White**
Access to Multiple Waiting Lists for Kidney Transplants

Economic Evaluation Applications
- **Chair:** David Feeny
- **Room:** Prince of Wales

**Krista Huybrechts, Eric Souëtre**
Economic Evaluation of Risperidone in the Context of an International Schizophrenia Clinical Trial

**Xiao-sen Wang, Kan Yang**
A Comparing Research of Two Antihypertensive Drugs on the Patient's Quality of Life and Cost-Effectiveness

Child Health Production
- **Chair:** Gavin Mooney
- **Room:** Seymour

**David Bishai**
Quality Time: How Parental Schooling Affects Child Health Through its Interaction with Childcare Time in Bangladesh

**David Salkever, Alison Jones, Deborah Miller**
Parental Alcohol Use and Child Health Production

International Studies of Demand
- **Chair:** Charles Normand
- **Room:** Stanley

**David Bunting**
Distribution and the Income Elasticity of Demand for Health Care

**Che-Chiu Hsieh, Shin-Jong Lin**
Health Information and Preventive Care for the Elderly in Taiwan

**Stéphane Jacobzone, Pascale Genier**
Risk Bearing, Demand for Preventive Care and Human Capital
THURSDAY, MAY 23

10:30-12:00
Concurrent Sessions

Issues in Long Term Care Financing
Chair: TBA
Room: Oxford
August Österle
Equity in the Finance of Long-Term Care and the Role of Informal Care-Giving
James Reschovsky
The Use of Paid Home Care by the Disabled Elderly: A Simultaneous Equations Approach
Shelley White-Means, Gong-Soo Hong
Health and Well-Being of Adult Child Caregivers

The Behaviour and Potential of the Private Health Sector in Developing Countries
Chair: Anne Mills
Discussant: Peter Berman
Room: Brighton
Sara Bennett, Viroj Tangcharoensathien
The Nature of Competition Amongst Private Hospitals in Bangkok
M.R. Bhatia
Contracting Out of Dietary Services by Public Hospitals in Bombay, India
Jonathan Broomberg
To Purchase or to Provide? The Relative Efficiency of Contracting Out versus Direct Public Provision of Hospital Services in South Africa

12:00-13:15
Luncheon
Regency Centre

13:15-15:00
Plenary

Toward a Healthier Economics
Speaker: Robert G. Evans
Chair: Greg Stoddart
Room: Regency East

Invitation to Second iHEA Conference
Rotterdam 1999
Frans Rutten
# International Health Economics Association Inaugural Conference

**Quality and Inequality: What Care, Whose Costs, Whither Health?**

May 19-23, 1996 — Hyatt Regency Hotel, Vancouver, British Columbia, Canada

<table>
<thead>
<tr>
<th>Sunday, May 19</th>
<th>Monday, May 20</th>
<th>Tuesday, May 21</th>
<th>Wednesday, May 22</th>
<th>Thursday, May 23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>Opening Remarks and Welcomes</td>
<td>Plenary Session</td>
<td>Concurrent Sessions</td>
<td>Concurrent Sessions</td>
</tr>
<tr>
<td>08:00-20:00</td>
<td>Opening Plenary</td>
<td>Distributional Issues in Health Care</td>
<td>(Poster and Paper presentations)</td>
<td>(Poster and Paper presentations)</td>
</tr>
<tr>
<td>Pre-Conference Sessions</td>
<td>The New Social Contract for Health Care: Should Economists Write it or Merely Describe It?</td>
<td>Financing</td>
<td>08:30-10:00</td>
<td>08:30-10:00</td>
</tr>
<tr>
<td>Critical Appraisal of Clinical Intervention Literature</td>
<td>Uwe Reinhardt</td>
<td>Adam Wagstaff</td>
<td>Eddy van Doorslaer</td>
<td>Alan Williams</td>
</tr>
<tr>
<td>09:30-16:30</td>
<td>Advances in Econometrics</td>
<td>Refreshments</td>
<td>Refreshments</td>
<td>Refreshments</td>
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<td>13:30-16:30</td>
<td>10:00-10:30</td>
<td>10:00-10:30</td>
<td>10:00-10:30</td>
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<tr>
<td>The Health Utilities Index and Its Applications</td>
<td>Concurrent Sessions</td>
<td>Refreshments</td>
<td>Poster Session</td>
<td>Concurrent Sessions</td>
</tr>
<tr>
<td>13:30-16:30</td>
<td>(Poster and Paper presentations)</td>
<td>10:30-12:00</td>
<td>10:30-12:00</td>
<td>(Poster and Paper presentations)</td>
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<tr>
<td>Determinants of Health of Populations</td>
<td>Luncheon</td>
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<td>Lunch</td>
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<tr>
<td>13:30-16:30</td>
<td>Arrow Award</td>
<td>12:00-13:30</td>
<td>12:00-13:30</td>
<td>12:00-13:15</td>
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<tr>
<td>Risk-Adjustment: The Achilles Heel of Market Oriented Health Care Reform</td>
<td>Concurrent Sessions</td>
<td>Concurrent Sessions</td>
<td>Concurrent Sessions</td>
<td>Closing Plenary</td>
</tr>
<tr>
<td>13:30-16:30</td>
<td>(Poster and Paper presentations)</td>
<td>(Poster and Paper presentations)</td>
<td>(Poster and Paper presentations)</td>
<td>13:15-15:00</td>
</tr>
<tr>
<td>Other Meetings</td>
<td>Refreshments</td>
<td>Refreshments</td>
<td>Refreshments</td>
<td>Toward a Healthier Economics</td>
</tr>
<tr>
<td>CHERA/ACRES Board Meeting</td>
<td>15:00-15:30</td>
<td>15:00-15:30</td>
<td>15:00-15:30</td>
<td>Robert G. Evans</td>
</tr>
<tr>
<td>16:30-18:00</td>
<td>Concurrent Sessions</td>
<td>Concurrent Sessions</td>
<td>Concurrent Sessions</td>
<td>Invitation to Second iHEA Conference</td>
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<tr>
<td>Opening Reception</td>
<td>(Poster and Paper presentations)</td>
<td>(Poster and Paper presentations)</td>
<td>(Poster and Paper presentations)</td>
<td>Rotterdam, 1999</td>
</tr>
<tr>
<td>Refreshments and Light Hors d'oeuvres</td>
<td>15:30-17:00</td>
<td>15:30-17:00</td>
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<td>Frans Rutten</td>
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<tr>
<td>18:00-19:30</td>
<td>Cochrane Collaboration Meeting</td>
<td>Cash Bar</td>
<td>15:00</td>
<td>18:00</td>
</tr>
<tr>
<td>iHEA Annual General Meeting</td>
<td>17:00-18:00</td>
<td>Evening Banquet</td>
<td>18:30</td>
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</tbody>
</table>

**PROGRAM AT A GLANCE**

See detailed description of events inside this program