



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

# INTERNATIONAL HEALTH ECONOMICS

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## 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

### iHEA Officers

Joseph Newhouse, President  
Alan Maynard, Vice-President  
Mark Pauly, Vice-President  
Charles Hall, Secretary  
Morris Barer, Program Chair  
Michael Morrissey, Treasurer  
Thomas Getzen, Director  
Karen Shirley, Associate Director

## iHEA Conference Organizers

Morris Barer, The University of British Columbia  
Thomas Getzen, Temple University  
Greg Stoddart, McMaster University

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Peter Zweifel, University of Zurich

## Student Competition Committee

Andrew Jones, University of York (Chair)  
David Feeny, McMaster University  
Bengt Jönsson, Stockholm School of Economics  
Thomas Rice, University of California at Los Angeles  
Alan Shiell, University of Sydney

## Planning Committee Members

Karen Cardiff, University of British Columbia (Chair)  
Morris Barer, University of British Columbia  
Mary Brunold, University of British Columbia  
Thomas Getzen, Temple University  
Susan Isaacs, British Columbia Ministry of Health  
Steve Kenny, British Columbia Health Industry, Development Office

# ASSOCIATION INAUGURAL CONFERENCE



May 19-23, 1996  
Vancouver, British Columbia

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

# INTERNATIONAL HEALTH ECONOMICS

## 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.

	Badge Colour
Conference Secretariat (ICS)	Black
Delegates	Blue
Speakers	Red
Volunteers	Orange
Accompanying Persons	Green
Press	Yellow

### 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.

# INTERNATIONAL HEALTH ECONOMICS

## 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 iHEA 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 iHEA 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"*

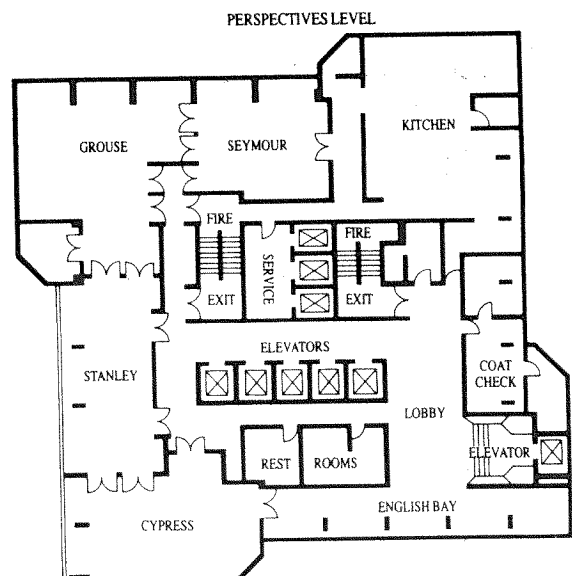
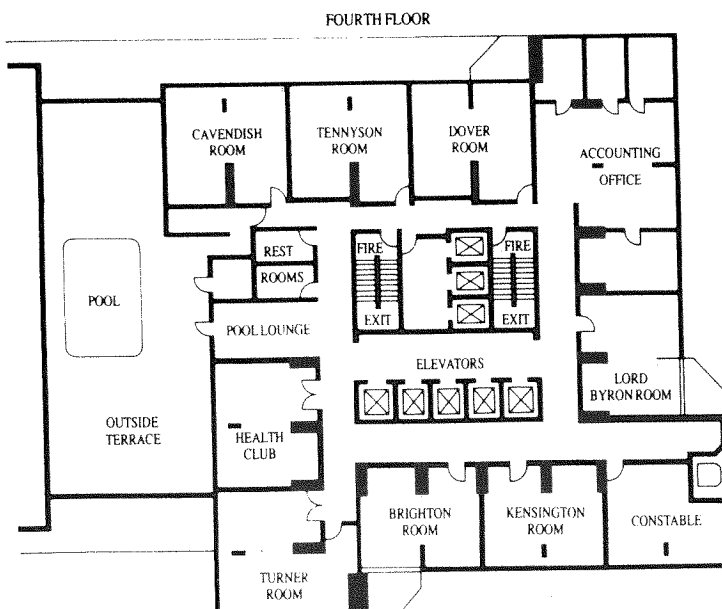
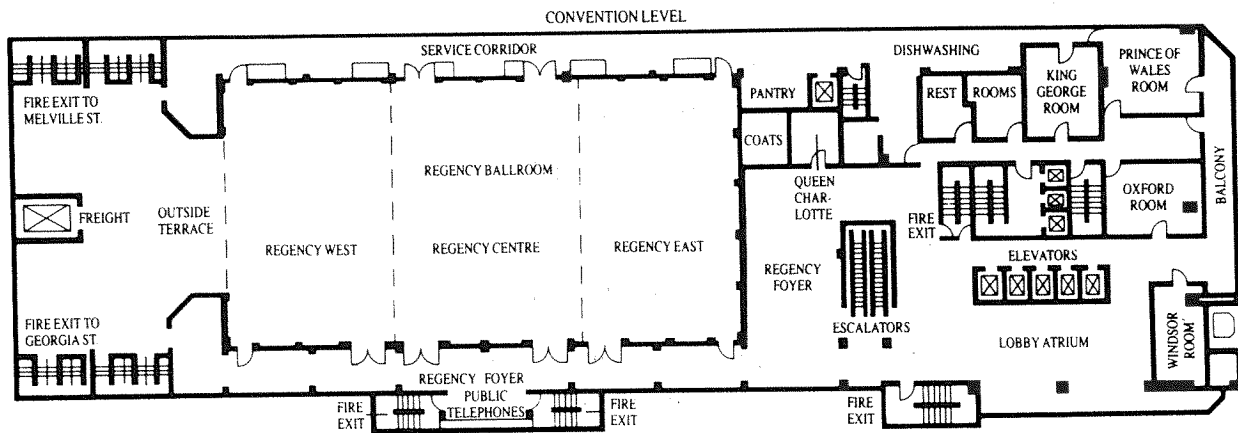
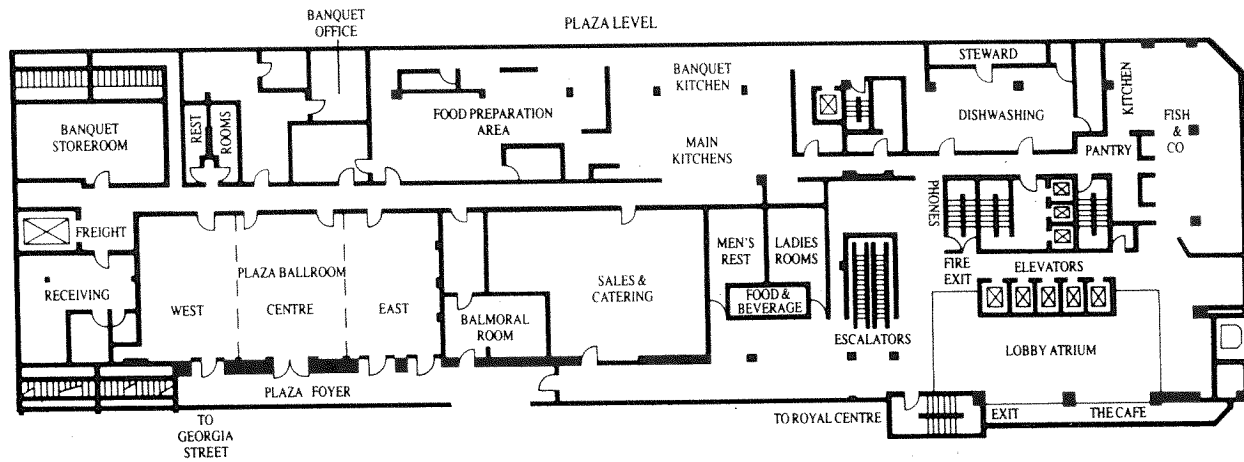
Presentation at Session: **Competitive Health Care Reforms**, Wednesday May 22, 15:30-17:00 in the Stanley Room

\* tied for 3rd prize

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

# ASSOCIATION INAUGURAL CONFERENCE

## Hyatt Regency Hotel Floor Plan



# **iHEA INAUGURAL CONFERENCE**

## **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 Hanvelt

**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***

# MONDAY, MAY 20

10:30-12:00

## 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 Sindelar, John Mullahy*

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 HYE: Another Look at the Standard Gamble

*Walter Ried*

QALYs versus HYE—What's Right and What's Wrong

*Janelle Seymour, Alan Shiell, Sue Cameron*

Can You Count on HYE?

### Economic Burden of Illness

**Chair:** Peter Zweifel

**Room:** Balmoral

*Raymond Hutubessey, 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

*Mlika Linna*

A Comparative Application of Translog and DEA Methods: The Productive Efficiency of Finnish Hospitals

*Dale McMurchy*

Efficiency Studies in South African Public Sector Hospitals

*Petia 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, Noralou Roos, David Patton*

Needs Based Planning for Manitoba Physicians

### Health Care Reform

**Chair:** Dov Chernichovsky

**Room:** Grouse

*Tamas 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

*Jorgen 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, Colm 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 Blomquist, 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 Ndamobiss*

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 Wähling, 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

*Marjon van der Pol, John Cairns*

Economic Analysis of Blood Donor Services in the North of Scotland

# MONDAY, MAY 20

13:30-15:00

## Concurrent Sessions

### Physician Behaviour

**Chair:** Norman Thurston

**Room:** Oxford

*Marina Pascali, 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 Morrissey

**Room:** Balmoral

*Laurence Baker*

Competition in Health Care Markets: Empirical Evidence from the US Medicare Program

*Patricia Born, Carol Simon, Phillip Kletke*

The Impact of Managed Care on Physician Supply

*Deborah Freund, Thomas Kniesner, 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 Mäkinen, 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

*Rereshment Break—Regency West*

# MONDAY, MAY 20

15:30-17:00

## Concurrent Sessions

### Economic Evaluation Methods

**Chair:** Alan Williams

**Room:** Brighton

*Christa Claes, 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 Beutels, 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 McBride*

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

*Roger Roberge, 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-Leun Lee*

An Evaluation of Taiwan's National Health Insurance's Impact on Health Care Utilization

*Xiao-wan Wang*

Overview of Chinese Workers' Medical Insurance Reform

### International Comparison of Health Care System Performance

**Chair:** Jean-Pierre Poullier

**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 DeLia*

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 Folmer*

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 Hatziaandreu

**Room:** Stanley

*Michael Drummond*

Issues in the International Transferability of Cost Data

*Marc Koopmanschap, L. van Roijen*

Indirect Costs: From Aggregate to Study Specific Estimates

*Ben van Hout, J. Al Maiwenn, Eddy van Doorslaer*

Taking Account of Prior Knowledge in the Assessment of Costs Alongside a Clinical Trial

#### **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

**17:00-18:00**

#### **Cochrane Collaboration Meeting**

**Room:** TBA

**17:00-18:30**

#### **iHEA Annual General Meeting**

**Room:** TBA

## 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 Lancry

**Room:** Seymour

*B. Dervaux, G. Escano, H. Leleu, et al.*

Measuring and Explaining Efficiency in French Hospitals with Quality Assessments (Part 1)

*Stephane Jacobzone, Y. Merliere*

Measuring and Explaining Efficiency in French Hospitals with Quality Assessments (Part 2)

*J.F. Burgess, P.W. Wilson*

Impact of Measuring Quality of Care on 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:** Grouse

*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 Ohsfeldt

**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 Ader, Hindrik Vondeling*

Confidence Intervals for Cost-Effectiveness Ratios: The Case of a RCT Comparing Epidural and Intramuscular Pain Treatment

*Mária 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 Johannesson*

Experimental Results on the Ranking Properties of QALYs

*James Butler*

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

*Pekka Rissanen, 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 Schut, 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 Kiiskinen*

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



# TUESDAY, MAY 21

13:30-15:00

## Concurrent Sessions

### 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 Langenbruner*

Who is Paying for Health Care in Kazakstan? Results from a Household Survey in South Kazakstan

### Guidelines for Cost-Effectiveness in Health and Medicine: The Washington Panel

**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

*Eulalia Dalmau-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

*Hannu 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 Danzon*

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. Eeckhoudt*

Multidimensional Utility, Multiple Risks and the Health Risk Premiums

*S. Haddad, D. Reinharz, 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 Aikins, 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

*Josés Kirigia*

A Cost-Utility Decision Analysis Model: Applied to  
Schistosomiasis Problem in Kenya

#### 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

*Susan L. Ettner, Richard Frank, Thomas McGuire, et al.*

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 Tarricone, 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

*Marty 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 Capuno*

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, Karatholuvu 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 Born, Sara Thrane*

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, Clas 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-Francois 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 Solon, Rachel Racelis*

The Philippine National Health Accounts: Lessons Learned

*William McGreevey*

The Development of National Health Accounts in the  
People's Republic of China

*Jean-Pierre Poullier*

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 Mannion, 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 Cawthon*

Prenatal Substance Abuse Treatment and Infant Medical Costs in a Medicaid Population

*Mingliang Zhang, 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 Søgaard*

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 Zhang*

Modelling the Decision to Seek Treatment for Depression and Choice of Provider Sector

*David Hotchkiss*

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 Saltman*

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 McGreevey*

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

# WEDNESDAY, MAY 22

13:30-15:00

## Concurrent Sessions

### Determinants of Risk

**Chair:** Konstantin Beck

**Room:** Plaza West

*Mark Hornbrook*

Ambulatory Dispensed Drugs as Predictors of Medical Risk

*Murielle Lona, Paul Kestens, Jean-Mar Laasman*

Belgium: A Long Way to the Reforms

### Income and Health

**Chair:** Cameron Mustard

**Room:** Stanley

*Terkel Christiansen*

Socio-Economic Inequalities in Health: Results from Two Danish Surveys

*Gun Sundberg, Ulf-G. Gerdtham*

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 Boumbulian, 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 Raftery*

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, Shushan 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 Shackley, 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 Lancry

**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, Léida 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 Schut*

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-Bunner*

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 Huttin, Jerry Avorn*

Drug Expenditures for Hypertension: An Empirical Test of a Disease-Economic Model in a French Population

*Naoki Ikegami, Hiroki Kawai, Seiritsu Ogura*

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 Koinuma*

Cost-Benefit Analysis of Stomach-Cancer Treatment

### **Economic Evaluation Methods**

**Chair:** Frank Sloan

**Room:** Cypress

*Han Bleichrodt*

Explaining the Disparity Between Extreme and Assorted Gambles

*Philip Clarke*

Cost Benefit Analysis of Mammographic Screening: A Travel Cost Approach

*Robert Woodward, Larry Kvols, 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 Gylmark, 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 Häkkinen, Gunnar Rosenqvist, Seppo Aro*

Economic Recession and the Use of Physician Services

*Kalevi Luoma, Maija-Liisa 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*

# THURSDAY, MAY 23

10:30-12:00

## 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

*Dave Buck, Matt Sutton*

An Economic Model of Variations in Smoking Behaviour

*Sandra Decker, Amy Schwartz*

Cigarettes, Alcohol and Taxation: Complementarities in  
Consumption

*Heini 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, Dana 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 Sou  tre*

Economic Evaluation of Risperidone in the Context of an  
International Schizophrenia Clinical Trial

*Xiao-wan 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

*Chee-Ruey Hsieh, Shin-Jong Lin*

Health Information and Preventive Care for the Elderly in  
Taiwan

*Stephane 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-Soog 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

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

## PROGRAM AT A GLANCE

*See detailed description of events inside this program*

